

## **APPENDIX B**

### **Data Verification Report**

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## ACRONYMS AND ABBREVIATIONS

°C	Degrees Celsius
% REC	Percent Recovery
µg/kg	Micrograms per kilogram
µg/L	Micrograms per liter
BHC	Hexachlorocyclohexane
CC	Army Environmental Compliance-Related Cleanup Program
CCB	Continuing Calibration Blank
CCV	Continuing Calibration Verification
COC	Chain of Custody
DDD	Dichlorodiphenyldichloroethane
DDE	Dichlorodiphenyldichloroethylene
DDT	Dichlorodiphenyltrichloroethane
DI	De-ionized
DL	Detection Limit
DoD	Department of Defense
DRO	Diesel Range Organics
DSB	Deep Soil Boring
DU	Decision Unit
Dup	Duplicate
DVR	Data Verification Report
DVRW	Data Verification Report Worksheets
ELAP	Environmental Laboratory Accreditation Program
ER	Equipment Rinsate
FD	Field Duplicate
FWCUG	Facility-Wide Cleanup Goal
FWSAP	Facility-Wide Sampling and Analysis Plan
FWQAPP	Facility-Wide Quality Assurance Project Plan
GRO	Gasoline Range Organic
ICB	Initial Calibration Blank
ICV	Initial Calibration Verification
ID	Identification
ISM	Incremental Sampling Methodology
J	Estimated
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate

### ACRONYMS AND ABBREVIATIONS (Continued)

LOD	Limit of Detection
LOQ	Limit of Quantitation
MeOH	Methanol
MB	Method Blank
mg/kg	Milligrams per kilogram
MRL	Method Reporting Limit
MS	Matrix Spike
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MTBE	Methyl Tertiary Butyl Ether
NA	Not Applicable
NLCT	North Line Coal Tipple
No.	Number
PCB	Polychlorinated Biphenyls
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R	Rejected
RI	Remedial Investigation
RN	Rinsate
RPD	Relative Percent Difference
RVAAP	Ravenna Army Ammunition Plant
SAIC	Science Applications International Corporation
SB	Soil Boring
SDG	Sample Delivery Group
SLCT	South Line Coal Tipple
SOP	Standard Operating Procedure
SorW	Source Water
SVOC	Semi-volatile Organic Compound
SW	Solid Waste
TAL	Target Analyte List
TB	Trip Blank
TPH	Total Petroleum Hydrocarbons



**ACRONYMS AND ABBREVIATIONS (Continued)**

U	Undetected
UJ	Not Detected, with estimated reporting limit
USACE	United States Army Corps of Engineers
USEPA	United States Environmental Protection Agency
VOC	Volatile Organic Compound

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## 1.0 INTRODUCTION

This Data Verification Report (DVR) presents the results of an analytical data review and verification conducted by Environmental Chemical Corporation (ECC) in support of the remedial investigation (RI) at CC (Army Environmental Compliance-Related Cleanup Program) RVAAP (Ravenna Army Ammunition Plant)-73 Facility-Wide Coal Storage. Project data verification followed the direction provided in the Facility-Wide Quality Assurance Project Plan (FWQAPP), which is part of the Facility-Wide Sampling and Analysis Plan (FWSAP) (SAIC 2011). Protocol for analytical data verification and validation has been updated to the following references:

- Department of Defense (DoD) Quality Systems Manual (QSM) for Environmental Laboratories, 2009 Version 4.1 (DoD QSM 2009)
- U.S. Army Corps of Engineers (USACE), Louisville District QSM Supplement (USACE 2007)
- United States Environmental Protection Agency (USEPA) National Functional Guidelines for Superfund Organic Methods Data Review, EPA-540/R-08-01, June 2008 (USEPA 2008)
- USEPA National Functional Guidelines for Inorganic Superfund Data Review, EPA-540-R-10-011, January 2010 (USEPA 2010)
- Quality Assurance Project Plan (QAPP) for Site Inspections and Remedial Investigations at Compliance Restoration Sites, July 2012 (ECC 2012)

All data were verified by ECC in accordance with the FWQAPP using ECC's automated electronic verification software and manual methods.

All incremental sampling methodology (ISM) samples were prepared for analysis by TestAmerica of North Canton, Ohio, and all soil, sediment, and surface water analysis were performed by TestAmerica of North Canton, Ohio, except for propellant and explosives analyses, which were performed at TestAmerica of West Sacramento, California, and metals (except mercury), which were performed at TestAmerica of Pittsburgh, Pennsylvania. All three laboratories are Department of Defense Environmental Laboratory Accreditation Program (ELAP) certified. The sample delivery groups (SDG) associated with CC RVAAP-73 field sample data are 240-17422-1, 240-22562-1, 240-22648-1, 240-22663-1, and 240-22663-2. Source water and equipment rinsate analyses were also performed by TestAmerica Laboratories. See Table 1-1 for a summary of field sample numbers broken down by matrix, and Table 1-2 for a summary of sampling activities. Table 1-2 also lists the associated source water and equipment rinsate blank samples, along with other SDGs associated with these field quality control (QC) samples.

The sampling activities conducted in support of this project are presented in Section 1.0 Introduction. The data verification findings are presented in Section 2.0 Data Quality Verification Results and the supporting Data Verification Report Worksheets (DVRW) are provided in Appendix B Worksheets 1 through 13. Section 3.0 Overall Assessment provides the field, analytical, and project completeness, and Section 4.0 References presents the data verification guidance used for this project. All results with final qualifiers are presented in Appendix G.

## 1.1 Sampling Activities

The total number of field and QC samples collected are summarized below.

**Table 1-1: Sample Summary**

Matrix	Number of Field Samples	Number of Field Duplicates	Number of MS/MSD	Number of Associated Trip Blanks	Total Number of Samples
Surface Soil	3	1	1	1	6
Subsurface Soil	24	3	1	3	31
Sediment	7	1	1	1 <sup>(1)</sup>	9
Surface Water	7	1	1	1	10

Notes:

Table includes samples collected by ECC only. Quality Assurance (QA) sample numbers not included.

MS/MSD = Matrix Spike/Matrix Spike Duplicate, sample provided to the lab. Extra MS/MSDs analyzed by laboratory.

<sup>(1)</sup>One Trip Blank sample submitted with both sediment and surface water; number included with both matrices.

A complete list of the sample locations, the corresponding sample identification (ID) numbers, and the requested analyses for the Decision Units (DU) are presented in Table 1-2. In addition, field duplicate (FD) sample, the matrix spike (MS)/matrix spike duplicate (MSD) sample, and quality assurance (QA) split sample pair locations are presented.

## 1.2 Laboratory Activities

A list of extraction and analytical methods are presented in Table 1-3.

**Table 1-2: Sampling Activities Summary**

Site No.	Depths	SDG <sup>1</sup>	Sample ID	Decision Unit	Location	Date	COC No.	FD	MS/MSD	FULL SUITE	VOC	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Hexavalent Chromium	Propellants
<b>Surface Soil</b>																						
CC RVAAP-73	0-1 ft	240-17422-1	073SS-0002M-0001-SO	DU01	Sand Creek Coal Tipple	8-Nov-12	48639			X		X	X			X	X	X		X		X
CC RVAAP-73	0-1 ft	240-17422-1	073SS-0002M-0002-SO	MS/MSD of 0002M	Sand Creek Coal Tipple	8-Nov-12	48639		X			X	X			X	X	X		X		X
CC RVAAP-73	0-1 ft	240-17422-1	073SS-0003M-0001-SO	Dup of 0002M	Sand Creek Coal Tipple	8-Nov-12	48639	X				X	X			X	X	X		X		X
CC RVAAP-73	0-1 ft	240-17422-1	073SS-0005M-0001-SO	DU01	North Line Coal Tipple	8-Nov-12	48639						X			X						
CC RVAAP-73	0-1 ft	240-22663-1/-2	073SS-0035M-0001-SO	DU01	Building U-16	1-Apr-13	8877									X						
<b>Subsurface Soil</b>																						
CC RVAAP-73	1-4 ft	240-22648-1	073SB-0016M-0001-SO	DU01	Sand Creek Coal Tipple	28-Mar-13	8862						X			X						
CC RVAAP-73	1-4 ft	240-22648-1	073SB-0017M-0001-SO	Dup of 0016M	Sand Creek Coal Tipple	28-Mar-13	8862	X					X			X						
CC RVAAP-73	1-4 ft	NA	073SB-0018M-0001-SO	QA DU01 1-4 ft	Sand Creek Coal Tipple	28-Mar-13	A34393						X			X						
CC RVAAP-73	4-7 ft	240-22648-1	073SB-0019M-0001-SO	DU01	Sand Creek Coal Tipple	28-Mar-13	8862						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22648-1	073SB-0020M-0001-SO	DU01 SB01	Sand Creek Coal Tipple	28-Mar-13	8862						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22648-1	073SB-0021M-0001-SO	DU01 SB02	Sand Creek Coal Tipple	28-Mar-13	8862						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22648-1	073SB-0022M-0001-SO	DU01 SB03	Sand Creek Coal Tipple	28-Mar-13	8862						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22648-1	073SB-0023M-0001-SO	DU01 SB04	Sand Creek Coal Tipple	28-Mar-13	8862						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22648-1	073SB-0024M-0001-SO	DU01 SB05	Sand Creek Coal Tipple	28-Mar-13	8862						X			X						
CC RVAAP-73	7-13 ft DSB	240-22648-1	073SB-0067-0001-SO	DU01 SB05	Sand Creek Coal Tipple	28-Mar-13	8862						X			X						
CC RVAAP-73	1-4 ft	240-22562-1	073SB-0025M-0001-SO	DU01	North Line Coal Tipple	27-Mar-13	48789									X						
CC RVAAP-73	4-7 ft	240-22562-1	073SB-0026M-0001-SO	DU01	North Line Coal Tipple	27-Mar-13	48789									X						
CC RVAAP-73	1-7 ft vertical ISM	240-22562-1	073SB-0027M-0001-SO	DU01 SB01	North Line Coal Tipple	27-Mar-13	48789									X						
CC RVAAP-73	1-7 ft vertical ISM	240-22562-1	073SB-0028M-0001-SO	Dup of 0027M	North Line Coal Tipple	27-Mar-13	48789	X								X						

Table 1-2: Sampling Activities Summary (Continued)

Site No.	Depths	SDG <sup>1</sup>	Sample ID	Decision Unit	Location	Date	COC No.	FD	MS/MSD	FULL SUITE	VOC	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Hexavalent Chromium	Propellants
<b>Subsurface Soil</b>																						
CC RVAAP-73	1-7 ft vertical ISM	240-22562-1	073SB-0029M-0001-SO	DU01 SB02	North Line Coal Tipple	27-Mar-13	48789						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22562-1	073SB-0030M-0001-SO	DU01 SB03	North Line Coal Tipple	27-Mar-13	48789						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22562-1	073SB-0031M-0001-SO	DU01 SB04	North Line Coal Tipple	27-Mar-13	48789			X	X		X			X	X	X		X		X
CC RVAAP-73	1-7 ft vertical ISM	240-22562-1	073SB-0032M-0001-SO	DU01 SB05	North Line Coal Tipple	27-Mar-13	48789						X			X						
CC RVAAP-73	7-13 ft DSB	240-22562-1	073SB-0033-0001-SO	DU01 SB05	North Line Coal Tipple	27-Mar-13	48789						X			X						
CC RVAAP-73	1-7 ft vertical ISM	NA	073SB-0069M-0001-SO	QA DU01 SB01	North Line Coal Tipple	4-Apr-13	A34393						X			X						
CC RVAAP-73	1-4 ft	240-22663-1/-2	073SB-0036M-0001-SO	DU01	Building U-16	1-Apr-13	8877						X			X						
CC RVAAP-73	4-7 ft	240-22663-1/-2	073SB-0037M-0001-SO	DU01	Building U-16	1-Apr-13	8877						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22663-1/-2	073SB-0038M-0001-SO	DU01 SB01	Building U-16	1-Apr-13	8877						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22663-1/-2	073SB-0039M-0001-SO	Dup of 0038M	Building U-16	1-Apr-13	8877	X					X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22663-1/-2	073SB-0040M-0001-SO	DU01 SB02	Building U-16	1-Apr-13	8877						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22663-1/-2	073SB-0040M-0002-SO	MS/MSD of 0040M	Building U-16	1-Apr-13	8877		X				X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22663-1	073SB-0041M-0001-SO	DU01 SB03	Building U-16	1-Apr-13	8877			X	X		X			X	X	X		X		X
CC RVAAP-73	1-7 ft vertical ISM	240-22663-1/-2	073SB-0042M-0001-SO	DU01 SB04	Building U-16	1-Apr-13	8877						X			X						
CC RVAAP-73	1-7 ft vertical ISM	240-22663-1/-2	073SB-0043M-0001-SO	DU01 SB05	Building U-16	1-Apr-13	8877						X			X						
CC RVAAP-73	7-13 ft DSB	240-22663-1/-2	073SB-0044-0001-SO	DU01 SB05	Building U-16	1-Apr-13	8877						X			X						
CC RVAAP-73	1-7 ft	NA	073SB-0068M-0001-SO	QA DU01 SB03	Building U-16	4-Apr-13	A34393			X	X		X			X	X	X		X		X
<b>Sediment</b>																						
CC RVAAP-73	0-1 ft	240-22648-1	073SD-0045-0001-SD	DU01 Wet Sediment 1	NLCT - Upgradient	28-Mar-13	8862						X			X						
CC RVAAP-73	0-1 ft	240-22648-1	073SD-0045-0002-SD	MS/MSD of 0045	NLCT - Upgradient	28-Mar-13	8862		X				X			X						

Table 1-2: Sampling Activities Summary (Continued)

Site No.	Depths	SDG <sup>1</sup>	Sample ID	Decision Unit	Location	Date	COC No.	FD	MS/MSD	FULL SUITE	VOC	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Hexavalent Chromium	Propellants
<b>Sediment</b>																						
CC RVAAP-73	0-1 ft	240-22648-1	073SD-0047-0001-SD	DU01 Wet Sediment 2	NLCT - Middle	28-Mar-13	8862						X			X						
CC RVAAP-73	0-1 ft	240-22648-1	073SD-0048-0001-SD	Dup of 0047	NLCT - Middle	28-Mar-13	8864	X					X			X						
CC RVAAP-73	0-1 ft	NA	073SD-0049-0001-SD	QA DU01 Wet Sediment 2	NLCT - Middle	28-Mar-13	A34608									X						
CC RVAAP-73	0-1 ft	240-22648-1	073SD-0050-0001-SD	DU01 Wet Sediment 3	NLCT - Downgradient	28-Mar-13	8864			X	X		X			X	X	X		X		X
CC RVAAP-73	0-1 ft	NA	073SD-0051-0001-SD	QA DU01 Wet Sediment 3	NLCT - Downgradient	28-Mar-13	A34608			X	X		X			X	X	X		X		X
CC RVAAP-73	0-1 ft	240-22648-1	073SD-0046-0001-SD	DU01 Wet Sediment 4	NLCT - Drainage Ditch	28-Mar-13	8864						X			X						
CC RVAAP-73	0-1 ft	240-22562-1	073SD-0052-0001-SD	DU01 Wet Sediment 1	SCCT - Upgradient	28-Mar-13	48790						X			X						
CC RVAAP-73	0-1 ft	NA	073SD-0053-0001-SD	QA DU01 Wet Sediment 1	SCCT - Upgradient	27-Mar-13	A34608						X			X						
CC RVAAP-73	0-1 ft	240-22562-1	073SD-0054-0001-SD	DU01 Wet Sediment 2	SCCT - Middle	28-Mar-13	48790						X			X						
CC RVAAP-73	0-1 ft	240-22562-1	073SD-0055-0001-SD	DU01 Wet Sediment 3	SCCT - Downgradient	28-Mar-13	48790						X			X						
<b>Surface Water</b>																						
CC RVAAP-73	NA	240-22648-1	073SW-0056-0001-SW	DU01 Surface Water 1	NLCT - Upgradient	28-Mar-13	8864						X			X						
CC RVAAP-73	NA	240-22648-1	073SW-0056-0002-SW	MS/MSD of 0056	NLCT - Upgradient	28-Mar-13	8864		X				X			X						
CC RVAAP-73	NA	240-22648-1	073SW-0058-0001-SW	DU01 Surface Water 2	NLCT - Middle	28-Mar-13	8864						X			X						
CC RVAAP-73	NA	240-22648-1	073SW-0059-0001-SW	Dup of 0058	NLCT - Middle	28-Mar-13	8864	X					X			X						
CC RVAAP-73	NA	NA	073SW-0060-0001-SW	QA DU01 Surface Water 2	NLCT - Middle	28-Mar-13	A34608									X						
CC RVAAP-73	NA	240-22648-1	073SW-0061-0001-SW	DU01 Surface Water 3	NLCT - Downgradient	28-Mar-13	8864			X	X		X			X	X	X		X		X
CC RVAAP-73	NA	NA	073SW-0062-0001-SW	QA DU01 Surface Water 3	NLCT - Downgradient	28-Mar-13	A34608			X	X		X			X	X	X		X		X

**Table 1-2: Sampling Activities Summary (Continued)**

Site No.	Depths	SDG <sup>1</sup>	Sample ID	Decision Unit	Location	Date	COC No.	FD	MS/MSD	FULL SUITE	VOC	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Hexavalent Chromium	Propellants
<b>Surface Water</b>																						
CC RVAAP-73	NA	240-22648-1	073SW-0067-0001-SW	DU01 Surface Water 4	NLCT - Downgradient	28-Mar-13	8864						X			X						
CC RVAAP-73	NA	240-22648-1	073SW-0063-0001-SW	DU01 Surface Water 1	SCCT - Upgradient	28-Mar-13	48790						X			X						
CC RVAAP-73	NA	240-22562-1	073SW-0064-0001-SW	DU01 Surface Water 2	SCCT - Middle	28-Mar-13	48790						X			X						
CC RVAAP-73	NA	NA	073SW-0065-0001-SW	QA DU01 Surface Water 3	SCCT - Middle	28-Mar-13	A34608						X			X						
CC RVAAP-73	NA	240-22562-1	073SW-0066-0001-SW	DU01 Surface Water 3	SCCT - Downgradient	28-Mar-13	48790						X			X						
<b>Field Quality Control - Trip Blanks</b>																						
CC RVAAP-73	NA	240-17422-1	073SS-0006-0001-TB	TB-1	NA	8-Nov-12	48640					X										
CC RVAAP-73	NA	240-22562-1	073SB-0034-0001-TB	TB-3	NA	28-Mar-13	48789					X										
CC RVAAP-73	NA	QA Lab assigned	073-0066-0001-TB	QA	NA	28-Mar-13	A34608				X											
CC RVAAP-73	NA	240-22648-1	073SW-0057-0001-TB	TB-4	NA	29-Mar-13	8864					X										
CC RVAAP-73	NA	QA Lab assigned	073SB-0070-0001-TB	QA	NA	4-Apr-13	A34393				X											
CC RVAAP-73	NA	240-22663-1	068SB-0026-0001-TB	TB-5	NA	1-Apr-13	8878				X											
All 2012-2013 Sampling Event	NA	240-18735-1/-2	070-0060-0001-TB	QC TB-1	NA	12-Dec-12	50743						X									
All 2012-2013 Sampling Event	NA	240-18735-1/-2	070SB-0055-0001-TB	QC TB-2	NA	12-Dec-12	50743							X								
2012 Sampling Event	NA	240-18735-1/-2	070-0060-0001-TB	QC TB-3	NA	12-Dec-12	50743					X										
2012 Sampling Event	NA	240-18735-1/-2	070SB-0055-0001-TB	QC TB-4	NA	12-Dec-12	50743							X								
2013 Sampling Event	NA	240-21987-1	079-0008-0001-TB	QC TB-5	NA	14-Mar-13	48788					X										
2013 Sampling Event	NA	240-21987-1	079-0009-0001-TB	QC TB-6	NA	14-Mar-13	48788							X								
2012 Sampling Event	NA	240-17796-1/-2	076-0068-0001-TB	QC TB-7	NA	15-Nov-12	48707					X										



**Table 1-2: Sampling Activities Summary (Continued)**

Site No.	Depths	SDG <sup>1</sup>	Sample ID	Decision Unit	Location	Date	COC No.	FD	MS/MSD	FULL SUITE	VOC	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Hexavalent Chromium	Propellants
<b>Field Quality Control - Trip Blanks</b>																						
2013 Sampling Event	NA	240-22804-1	079-0318-0001-TB	QC TB-10	NA	3-Apr-13	49555					X										
<b>Field Quality Control - Source Water</b>																						
All 2012-2013 Sampling Events	non-dedicated hand sampling tools	240-18735-2	070-0057-0001-Source Water	Source Water (ECC bottled decontamination water)	SorW-1	12-Dec-12	50743					X	X	X	X	X	X	X	X	X	X	X
2013 Subsurface Sampling Event	direct push tools	240-21987-1	079-0007-0001-Source Water	Source Water (Driller decontamination water)	SorW-3	14-Mar-13	48788					X	X	X	X	X	X	X	X	X	X	X
<b>Field Quality Control -Equipment Rinsate</b>																						
2012 Sampling Event	non-dedicated hand sampling tools during sampling event	240-17796-1/-2	076-0067-0001-ER	Equipment Rinsate Blank	ER-1	15-Nov-12	48707					X	X	X		X	X	X	X	X	X	X
2013 Sampling Event	non-dedicated hand sampling tools during sampling event	240-22804-1	079RN-0317-0001-RN	Equipment Rinsate Blank	ER-3	3 Ap-13	49555					X	X		X	X	X	X		X		X

Notes:

<sup>1</sup>Listed SDGs contain data from CC RVAAP-73 and may contain data from other CC Sites/DUs.

ID = Identification  
 SB = Soil Boring  
 DSB = Deep Soil Boring  
 ISM = Incremental Sampling Methodology  
 NLCT = North Line Coal Tipple  
 SCCT = Sand Creek Coal Tipple  
 GRO = Gasoline Range Organic  
 DRO = Diesel Range Organic  
 COC = Chain of Custody  
 TAL = Target Analyte List  
 No. = Number  
 PCB = Polychlorinated Biphenyls  
 FD = Field Duplicate  
 DU = Decision Unit  
 Dup = Duplicate  
 TPH = Total Petroleum Hydrocarbon  
 MTBE = Methyl Tertiary Butyl Ether

VOC = Volatile Organic Compound  
 SVOC = Semi-volatile Organic Compound  
 SDG = Sample Delivery Group  
 ft = feet  
 MS/MSD = Matrix Spike/Matrix Spike Duplicate  
 Propellants include nitroguanidine, nitrocellulose, and nitroglycerin.  
 ER = Equipment Rinsate  
 RN = Rinsate  
 SW = Surface Water  
 SorW= Source Water  
 QA = Quality Assurance  
 QC = Quality Control  
 TB = Trip Blank  
 NA = Not Available/Not Applicable  
 CC = Army Environmental Compliance-Related Cleanup Program  
 RVAAP = Ravenna Army Ammunition Plant  
 ECC = Environmental Chemical Corporation

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**Table 1-3: Sample Preparation and Analytical Methods**

Soil/Dry Sediment			
VOC <sup>(1)</sup>	SW8260B	SW5035	DI Water 48 hours to analysis or freezing MeOH or freezing/14 days
SVOC <sup>(2)</sup>	SW8270C	SW3540C	14 days/40 days
TAL Metals	Metals SW6020	SW3015B	180 days
	Mercury SW7471	SW7471A	28 days
PCB	SW8082	SW3540C	14 days/40 days
Pesticides	SW8081A	SW3540C	14 days/40 days
Explosives	SW8330B	SW8330B	14 days/40 days
Propellants <sup>(3)</sup>	Nitrocellulose EPA 353.2	EPA 353	28 days
	Nitroguanidine SW8330 Modified	Sieve/Ultrasonic	14 days/40 days
VOC <sup>(1)</sup>	SW8260B	SW5030B	14 days
SVOC <sup>(2)</sup>	SW8270C	SW3520C	7 days/40 days
TPH-GRO	SW8015B – GRO	SW5030B	14 days
TPH-DRO	SW8015B – DRO	SW3520C	7 days/40 days
TAL Metals	SW6020	SW3005A	180 days
	SW7470A	SW7470A	28 days
PCB	SW8082	SW3520C	7 days/40 days
Pesticides	SW8081	SW3520C	7 days/40 days
Herbicides	SW8151	SW3510	7 days/40 days
Explosives	SW8330B	SW8330	7 days/40 days
Propellants <sup>(3)</sup>	Nitroguanidine SW8330 Modified	SW8330	7 days/40 days
	Nitrocellulose-TestAmerica West Sacramento Facility SOP-WC-0050	EPA 353.2	28 days

Notes:

All soil and dry sediment ISM samples, except for VOCs, undergo incremental sample preparation by air drying, then passed through a rotary hammer mill, and sieve.

- (1) Includes benzene, ethylbenzene, toluene, total xylenes, and methyl tertiary-butyl ether (MTBE)
- (2) Includes polycyclic aromatic hydrocarbons
- (3) Propellant nitroglycerin reported by explosives method (SW8330B)
- (4) As modified by DoD Quality System Manual requirements

EPA = Environmental Protection Agency  
 VOC = Volatile Organic Compound  
 SVOC = Semi-volatile Organic Compound  
 TAL = Target Analyte List  
 TPH = Total Petroleum Hydrocarbon  
 GRO = Gasoline Range Organics  
 DRO = Diesel Range Organics

PCB = Polychlorinated Biphenyls  
 SW = Solid Waste  
 DoD = Department of Defense  
 SIM – Selected Ion Monitoring  
 DI = Deionized  
 MeOH = Methanol

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## 2.0 DATA QUALITY VERIFICATION RESULTS

Data verification is a systematic automated and manual review of all project data for compliance with the FWQAPP Section 10.2.1. This section provides highlights of significant data verification findings (i.e. rejected results, matrix issues), which are discussed in the applicable section below and presented in the reference tables. The reference tables are a summary of all reported data. The DVRWs provide specific details such as acceptance ranges, and spike values for automated parameters. The following parameters are evaluated during data verification:

- Holding time
- Blanks (method blank [MB], initial calibration blank [ICB], and/or continuing calibration blank [CCB])
- Serial Dilution
- Post Digestion Spike
- Internal Standards
- Laboratory control samples (LCS)
- Method Reporting Limit (MRL) check
- Calibration (initial calibration, continuing calibration verification [CCV], and initial calibration verification [ICV])
- Surrogates
- Matrix spike (MS)/matrix spike duplicates (MSD)
- Field duplicate results
- Laboratory case narrative
- Dual column relative percent difference (RPD)
- Sample re-analysis and secondary dilutions
- Trip Blanks (TB)
- Equipment Rinsate (ER) Blanks
- Source Water (SorW)

### 2.1 Data Verification Qualifier Definitions

The data verification qualifier flags and their definitions are presented below:

- U Undetected: The analyte was analyzed for, but not detected. Reported at the Limit of Quantitation (LOQ).
- UJ The analyte was not detected with estimated reporting limit. The analyte was not detected; however, the reporting limit is estimated due to discrepancies in meeting certain analyte-specific QC criteria.
- J Estimated: The analyte was positively identified; the quantitation is an estimation due to discrepancies in meeting certain analyte-specific QC criteria. J is also used to report detections between the detection limit (DL) and the LOQ.

- R Rejected: The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
- N The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
- NJ The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

In discussion or presentation of data verification results, only the ranking qualifier will be presented for cases where an analyte may have multiple QC exceedances.

The data reporting convention used will be consistent with past data reporting practices to ensure comparability. Non-detect data will be reported at the LOQ in Appendix B and G. Within the analytical data package, the laboratory reporting forms use the DoD QSM convention of reporting non-detect data at the limit of detection (LOD). The laboratory reporting forms also present the LOQ for the sample result.

## **2.2 Sample Receipt at the Laboratory**

All sample custodial possession and transfer requirements were met for samples received at the three laboratories. No data required qualification based on sample condition. The sample coolers were received within the recommended temperature range of  $4 \pm 2$  degrees Celsius ( $^{\circ}\text{C}$ ) or just below  $2^{\circ}\text{C}$ , but not frozen.

## **2.3 Holding Times**

All extractions and analyses were performed within QAPP method-specific holding times with the exception of a wet sediment sample (0073SD-0050-0001) for PCBs, a soil boring sample (073SB-0041M-0001-SO) for pesticides, and 8 soil boring samples (073SB-0036M-0001-SO through 073SB-0040M-0001-SO, 073SB-0042M-0001-SO, 073SB-0043M-0001-SO, and 073SB-0044-0001-SO) and 1 surficial soil sample (073SS-0035M-0001-SO) which were extracted beyond the 14-day SVOC preparation hold time. The PCB and pesticide re-extraction were performed due to a potential surrogate recovery issue with the original sample analyses (performed within hold time). Results for both the original and re-extracted analyses were similar. See Table 2-1 for qualified data.

**Table 2-1: Holding Time Exceedances**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>PCB (µg/kg)</b>								
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	PCB-1016 (Aroclor 1016)	97	UJ	Analysis Hold Time	97 UJ
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	PCB-1221 (Aroclor 1221)	75	UJ	Analysis Hold Time	75 UJ
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	PCB-1232 (Aroclor 1232)	67	UJ	Analysis Hold Time	67 UJ
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	PCB-1242 (Aroclor 1242)	60	UJ	Analysis Hold Time	60 UJ
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	PCB-1248 (Aroclor 1248)	82	UJ	Analysis Hold Time	82 UJ
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	PCB-1254 (Aroclor 1254)	82	UJ	Analysis Hold Time	82 UJ
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	PCB-1260 (Aroclor 1260)	82	UJ	Analysis Hold Time	82 UJ
<b>Pesticides (µg/kg)</b>								
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Aldrin	4.0	UJ	Analysis Hold Time	4.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	alpha-BHC (alpha-Hexachlorocyclohexane)	1.2	J	Analysis Hold Time	1.2 J
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	alpha-Chlordane	3.0	UJ	Analysis Hold Time	3.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	alpha-Endosulfan	1.7	UJ	Analysis Hold Time	1.7 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	beta-BHC (beta-Hexachlorocyclohexane)	3.5	UJ	Analysis Hold Time	3.5 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	beta-Endosulfan	2.5	UJ	Analysis Hold Time	2.5 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	delta-BHC (delta-Hexachlorocyclohexane)	4.0	UJ	Analysis Hold Time	4.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Dieldrin	1.7	UJ	Analysis Hold Time	1.7 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Endosulfan Sulfate	3.0	UJ	Analysis Hold Time	3.0 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Pesticides (µg/kg)</b>								
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Endrin	1.7	UJ	Analysis Hold Time	1.7 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Endrin Aldehyde	3.0	UJ	Analysis Hold Time	3.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Endrin Ketone	2.0	UJ	Analysis Hold Time	2.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	gamma-BHC (Lindane)	2.5	UJ	Analysis Hold Time	2.5 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	gamma-Chlordane	1.7	UJ	Analysis Hold Time	1.7 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Heptachlor	3.5	UJ	Analysis Hold Time	3.5 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Heptachlor Epoxide	2.5	UJ	Analysis Hold Time	2.5 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Methoxychlor	5.0	UJ	Analysis Hold Time	5.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	4,4'-DDD	2.0	UJ	Analysis Hold Time	2.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	4,4'-DDE	0.66	J	Analysis Hold Time	0.66 J
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	4,4'-DDT	2.0	UJ	Analysis Hold Time	2.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Toxaphene	67	UJ	Analysis Hold Time	67 UJ
<b>SVOC (µg/kg)</b>								
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	1,2,4-Trichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	1,2-Dichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	1,3-Dichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	1,4-Dichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2,4,5-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2,4,6-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ



**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2,4-Dichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2,4-Dimethylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2,4-Dinitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2,4-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2,6-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2-Chloronaphthalene	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2-Chlorophenol	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2-Methylnaphthalene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2-Methylphenol (o-Cresol)	2000	UJ	Prep Hold Time	2000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2-Nitrophenol	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	3,3'-Dichlorobenzidine	1000	UJ	Prep Hold Time	1000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	3-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	4,6-Dinitro-2-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	4-Bromophenyl phenyl ether	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	4-Chloro-3-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	4-Chloroaniline	1500	UJ	Prep Hold Time	1500 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	4-Chlorophenyl Phenyl Ether	510	UJ	Prep Hold Time	510 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	4-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	4-Nitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Acenaphthene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Acenaphthylene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Anthracene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Benzo(a)anthracene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Benzo(a)pyrene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Benzo(b)fluoranthene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Benzo(g,h,i)perylene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Benzo(k)fluoranthene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Benzoic acid	6700	R	Prep Hold Time	6700 R
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Benzyl alcohol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Benzyl butyl phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	bis(2-Chloroethoxy) Methane	1000	UJ	Prep Hold Time	1000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	UJ	Prep Hold Time	1000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	bis(2-Chloroisopropyl) Ether	1000	UJ	Prep Hold Time	1000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	bis(2-Ethylhexyl) Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Carbazole	510	UJ	Prep Hold Time	510 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Chrysene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Cresols, m & p	4100	UJ	Prep Hold Time	4100 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Dibenz(a,h)anthracene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Dibenzofuran	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Diethyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Dimethyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Di-n-Butyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Di-n-Octylphthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Fluoranthene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Fluorene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Hexachlorobenzene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Hexachlorobutadiene	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Hexachlorocyclopentadiene	3300	UJ	Prep Hold Time	3300 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Hexachloroethane	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Indeno(1,2,3-c,d)pyrene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Isophorone	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Naphthalene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Nitrobenzene	1000	UJ	Prep Hold Time	1000 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	n-Nitrosodi-n-propylamine	510	UJ	Prep Hold Time	510 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	n-Nitrosodiphenylamine	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Pentachlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Phenanthrene	68	UJ	Prep Hold Time	68 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Phenol	510	UJ	Prep Hold Time	510 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Pyrene	68	UJ	Prep Hold Time	68 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	1,2,4-Trichlorobenzene	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	1,2-Dichlorobenzene	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	1,3-Dichlorobenzene	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	1,4-Dichlorobenzene	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2,4,5-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2,4,6-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2,4-Dichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2,4-Dimethylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2,4-Dinitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2,4-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2,6-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2-Chloronaphthalene	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2-Chlorophenol	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2-Methylnaphthalene	66	UJ	Prep Hold Time	66 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2-Methylphenol (o-Cresol)	2000	UJ	Prep Hold Time	2000 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2-Nitrophenol	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	3,3'-Dichlorobenzidine	990	UJ	Prep Hold Time	990 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	3-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	4,6-Dinitro-2-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	4-Bromophenyl phenyl ether	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	4-Chloro-3-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	4-Chloroaniline	1500	UJ	Prep Hold Time	1500 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	4-Chlorophenyl Phenyl Ether	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	4-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	4-Nitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Acenaphthene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Acenaphthylene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Anthracene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Benzo(a)anthracene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Benzo(a)pyrene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Benzo(b)fluoranthene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Benzo(g,h,i)perylene	66	UJ	Prep Hold Time	66 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Benzo(k)fluoranthene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Benzoic acid	6500	R	Prep Hold Time	6500 R
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Benzyl alcohol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Benzyl butyl phthalate	690	UJ	Prep Hold Time	690 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	bis(2-Chloroethoxy) Methane	990	UJ	Prep Hold Time	990 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	bis(2-Chloroethyl) Ether (2- Chloroethyl Ether)	990	UJ	Prep Hold Time	990 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	bis(2-Chloroisopropyl) Ether	990	UJ	Prep Hold Time	990 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	bis(2-Ethylhexyl) Phthalate	690	UJ	Prep Hold Time	690 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Carbazole	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Chrysene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Cresols, m & p	4000	UJ	Prep Hold Time	4000 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Dibenz(a,h)anthracene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Dibenzofuran	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Diethyl Phthalate	690	UJ	Prep Hold Time	690 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Dimethyl Phthalate	690	UJ	Prep Hold Time	690 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Di-n-Butyl Phthalate	690	UJ	Prep Hold Time	690 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Di-n-Octylphthalate	690	UJ	Prep Hold Time	690 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Fluoranthene	66	UJ	Prep Hold Time	66 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Fluorene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Hexachlorobenzene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Hexachlorobutadiene	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Hexachlorocyclopentadiene	3300	UJ	Prep Hold Time	3300 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Hexachloroethane	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Indeno(1,2,3-c,d)pyrene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Isophorone	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Naphthalene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Nitrobenzene	990	UJ	Prep Hold Time	990 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	n-Nitrosodi-n-propylamine	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	n-Nitrosodiphenylamine	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Pentachlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Phenanthrene	66	UJ	Prep Hold Time	66 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Phenol	490	UJ	Prep Hold Time	490 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Pyrene	66	UJ	Prep Hold Time	66 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	1,2,4-Trichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	1,2-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	1,3-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	1,4-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2,4,5-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2,4,6-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2,4-Dichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2,4-Dimethylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2,4-Dinitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2,4-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2,6-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2-Chloronaphthalene	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2-Chlorophenol	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2-Methylnaphthalene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2-Methylphenol (o-Cresol)	2000	UJ	Prep Hold Time	2000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2-Nitrophenol	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	3,3'-Dichlorobenzidine	1000	UJ	Prep Hold Time	1000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	3-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	4,6-Dinitro-2-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	4-Bromophenyl phenyl ether	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	4-Chloro-3-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	4-Chloroaniline	1500	UJ	Prep Hold Time	1500 UJ



**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	4-Chlorophenyl Phenyl Ether	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	4-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	4-Nitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Acenaphthene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Acenaphthylene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Anthracene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Benzo(a)anthracene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Benzo(a)pyrene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Benzo(b)fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Benzo(g,h,i)perylene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Benzo(k)fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Benzoic acid	6700	R	Prep Hold Time	6700 R
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Benzyl alcohol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Benzyl butyl phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	bis(2-Chloroethoxy) Methane	1000	UJ	Prep Hold Time	1000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	UJ	Prep Hold Time	1000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	bis(2-Chloroisopropyl) Ether	1000	UJ	Prep Hold Time	1000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	bis(2-Ethylhexyl) Phthalate	710	UJ	Prep Hold Time	710 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Carbazole	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Chrysene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Cresols, m & p	4000	UJ	Prep Hold Time	4000 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Dibenz(a,h)anthracene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Dibenzofuran	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Diethyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Dimethyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Di-n-Butyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Di-n-Octylphthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Fluorene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Hexachlorobenzene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Hexachlorobutadiene	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Hexachlorocyclopentadiene	3300	UJ	Prep Hold Time	3300 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Hexachloroethane	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Indeno(1,2,3-c,d)pyrene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Isophorone	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Naphthalene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Nitrobenzene	1000	UJ	Prep Hold Time	1000 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	n-Nitrosodi-n-propylamine	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	n-Nitrosodiphenylamine	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Pentachlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Phenanthrene	67	UJ	Prep Hold Time	67 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Phenol	500	UJ	Prep Hold Time	500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Pyrene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	1,2,4-Trichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	1,2-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	1,3-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	1,4-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2,4,5-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2,4,6-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2,4-Dichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2,4-Dimethylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2,4-Dinitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2,4-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2,6-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2-Chloronaphthalene	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2-Chlorophenol	500	UJ	Prep Hold Time	500 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2-Methylnaphthalene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2-Methylphenol (o-Cresol)	2000	UJ	Prep Hold Time	2000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	2-Nitrophenol	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	3,3'-Dichlorobenzidine	1000	UJ	Prep Hold Time	1000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	3-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	4,6-Dinitro-2-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	4-Bromophenyl phenyl ether	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	4-Chloro-3-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	4-Chloroaniline	1500	UJ	Prep Hold Time	1500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	4-Chlorophenyl Phenyl Ether	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	4-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	4-Nitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Acenaphthene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Acenaphthylene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Anthracene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Benzo(a)anthracene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Benzo(a)pyrene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Benzo(b)fluoranthene	67	UJ	Prep Hold Time	67 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Benzo(g,h,i)perylene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Benzo(k)fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Benzoic acid	6600	R	Prep Hold Time	6600 R
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Benzyl alcohol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Benzyl butyl phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	bis(2-Chloroethoxy) Methane	1000	UJ	Prep Hold Time	1000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	UJ	Prep Hold Time	1000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	bis(2-Chloroisopropyl) Ether	1000	UJ	Prep Hold Time	1000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	bis(2-Ethylhexyl) Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Carbazole	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Chrysene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Cresols, m & p	4000	UJ	Prep Hold Time	4000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Dibenz(a,h)anthracene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Dibenzofuran	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Diethyl Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Dimethyl Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Di-n-Butyl Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Di-n-Octylphthalate	700	UJ	Prep Hold Time	700 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Fluorene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Hexachlorobenzene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Hexachlorobutadiene	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Hexachlorocyclopentadiene	3300	UJ	Prep Hold Time	3300 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Hexachloroethane	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Indeno(1,2,3-c,d)pyrene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Isophorone	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Naphthalene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Nitrobenzene	1000	UJ	Prep Hold Time	1000 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	n-Nitrosodi-n-propylamine	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	n-Nitrosodiphenylamine	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Pentachlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Phenanthrene	67	UJ	Prep Hold Time	67 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Phenol	500	UJ	Prep Hold Time	500 UJ
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Pyrene	67	UJ	Prep Hold Time	67 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	1,2,4-Trichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	1,2-Dichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	1,3-Dichlorobenzene	510	UJ	Prep Hold Time	510 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	1,4-Dichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2,4,5-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2,4,6-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2,4-Dichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2,4-Dimethylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2,4-Dinitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2,4-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2,6-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2-Chloronaphthalene	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2-Chlorophenol	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2-Methylnaphthalene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2-Methylphenol (o-Cresol)	2000	UJ	Prep Hold Time	2000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2-Nitrophenol	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	3,3'-Dichlorobenzidine	1000	UJ	Prep Hold Time	1000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	3-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	4,6-Dinitro-2-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	4-Bromophenyl phenyl ether	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	4-Chloro-3-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	4-Chloroaniline	1500	UJ	Prep Hold Time	1500 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	4-Chlorophenyl Phenyl Ether	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	4-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	4-Nitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Acenaphthene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Acenaphthylene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Anthracene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Benzo(a)anthracene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Benzo(a)pyrene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Benzo(b)fluoranthene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Benzo(g,h,i)perylene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Benzo(k)fluoranthene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Benzoic acid	6700	R	Prep Hold Time	6700 R
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Benzyl alcohol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Benzyl butyl phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	bis(2-Chloroethoxy) Methane	1000	UJ	Prep Hold Time	1000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	UJ	Prep Hold Time	1000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	bis(2-Chloroisopropyl) Ether	1000	UJ	Prep Hold Time	1000 UJ



**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	bis(2-Ethylhexyl) Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Carbazole	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Chrysene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Cresols, m & p	4100	UJ	Prep Hold Time	4100 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Dibenz(a,h)anthracene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Dibenzofuran	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Diethyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Dimethyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Di-n-Butyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Di-n-Octylphthalate	710	UJ	Prep Hold Time	710 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Fluoranthene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Fluorene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Hexachlorobenzene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Hexachlorobutadiene	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Hexachlorocyclopentadiene	3300	UJ	Prep Hold Time	3300 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Hexachloroethane	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Indeno(1,2,3-c,d)pyrene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Isophorone	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Naphthalene	68	UJ	Prep Hold Time	68 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Nitrobenzene	1000	UJ	Prep Hold Time	1000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	n-Nitrosodi-n-propylamine	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	n-Nitrosodiphenylamine	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Pentachlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Phenanthrene	68	UJ	Prep Hold Time	68 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Phenol	510	UJ	Prep Hold Time	510 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Pyrene	68	UJ	Prep Hold Time	68 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	1,2,4-Trichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	1,2-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	1,3-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	1,4-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2,4,5-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2,4,6-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2,4-Dichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2,4-Dimethylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2,4-Dinitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2,4-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2,6-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2-Chloronaphthalene	500	UJ	Prep Hold Time	500 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2-Chlorophenol	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2-Methylnaphthalene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2-Methylphenol (o-Cresol)	2000	UJ	Prep Hold Time	2000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2-Nitrophenol	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	3,3'-Dichlorobenzidine	1000	UJ	Prep Hold Time	1000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	3-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	4,6-Dinitro-2-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	4-Bromophenyl phenyl ether	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	4-Chloro-3-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	4-Chloroaniline	1500	UJ	Prep Hold Time	1500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	4-Chlorophenyl Phenyl Ether	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	4-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	4-Nitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Acenaphthene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Acenaphthylene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Anthracene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Benzo(a)anthracene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Benzo(a)pyrene	67	UJ	Prep Hold Time	67 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Benzo(b)fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Benzo(g,h,i)perylene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Benzo(k)fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Benzoic acid	6600	R	Prep Hold Time	6600 R
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Benzyl alcohol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Benzyl butyl phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	bis(2-Chloroethoxy) Methane	1000	UJ	Prep Hold Time	1000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	UJ	Prep Hold Time	1000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	bis(2-Chloroisopropyl) Ether	1000	UJ	Prep Hold Time	1000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	bis(2-Ethylhexyl) Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Carbazole	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Chrysene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Cresols, m & p	4000	UJ	Prep Hold Time	4000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Dibenz(a,h)anthracene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Dibenzofuran	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Diethyl Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Dimethyl Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Di-n-Butyl Phthalate	700	UJ	Prep Hold Time	700 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Di-n-Octylphthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Fluorene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Hexachlorobenzene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Hexachlorobutadiene	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Hexachlorocyclopentadiene	3300	UJ	Prep Hold Time	3300 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Hexachloroethane	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Indeno(1,2,3-c,d)pyrene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Isophorone	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Naphthalene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Nitrobenzene	1000	UJ	Prep Hold Time	1000 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	n-Nitrosodi-n-propylamine	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	n-Nitrosodiphenylamine	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Pentachlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Phenanthrene	67	UJ	Prep Hold Time	67 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Phenol	500	UJ	Prep Hold Time	500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Pyrene	67	UJ	Prep Hold Time	67 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	1,2,4-Trichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	1,2-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	1,3-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	1,4-Dichlorobenzene	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2,4,5-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2,4,6-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2,4-Dichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2,4-Dimethylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2,4-Dinitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2,4-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2,6-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2-Chloronaphthalene	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2-Chlorophenol	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2-Methylnaphthalene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2-Methylphenol (o-Cresol)	2000	UJ	Prep Hold Time	2000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2-Nitrophenol	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	3,3'-Dichlorobenzidine	1000	UJ	Prep Hold Time	1000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	3-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	4,6-Dinitro-2-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	4-Bromophenyl phenyl ether	500	UJ	Prep Hold Time	500 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	4-Chloro-3-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	4-Chloroaniline	1500	UJ	Prep Hold Time	1500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	4-Chlorophenyl Phenyl Ether	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	4-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	4-Nitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Acenaphthene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Acenaphthylene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Anthracene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Benzo(a)anthracene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Benzo(a)pyrene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Benzo(b)fluoranthene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Benzo(g,h,i)perylene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Benzo(k)fluoranthene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Benzoic acid	6600	R	Prep Hold Time	6600 R
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Benzyl alcohol	3300	UJ	Prep Hold Time	3300 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Benzyl butyl phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	bis(2-Chloroethoxy) Methane	1000	UJ	Prep Hold Time	1000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	UJ	Prep Hold Time	1000 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	bis(2-Chloroisopropyl) Ether	1000	UJ	Prep Hold Time	1000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	bis(2-Ethylhexyl) Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Carbazole	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Chrysene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Cresols, m & p	4000	UJ	Prep Hold Time	4000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Dibenz(a,h)anthracene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Dibenzofuran	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Diethyl Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Dimethyl Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Di-n-Butyl Phthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Di-n-Octylphthalate	700	UJ	Prep Hold Time	700 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Fluoranthene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Fluorene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Hexachlorobenzene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Hexachlorobutadiene	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Hexachlorocyclopentadiene	3300	UJ	Prep Hold Time	3300 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Hexachloroethane	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Indeno(1,2,3-c,d)pyrene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Isophorone	500	UJ	Prep Hold Time	500 UJ



**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Naphthalene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Nitrobenzene	1000	UJ	Prep Hold Time	1000 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	n-Nitrosodi-n-propylamine	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	n-Nitrosodiphenylamine	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Pentachlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Phenanthrene	66	UJ	Prep Hold Time	66 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Phenol	500	UJ	Prep Hold Time	500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Pyrene	66	UJ	Prep Hold Time	66 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	1,2,4-Trichlorobenzene	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	1,2-Dichlorobenzene	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	1,3-Dichlorobenzene	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	1,4-Dichlorobenzene	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2,4,5-Trichlorophenol	170	UJ	Prep Hold Time	170 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2,4,6-Trichlorophenol	170	UJ	Prep Hold Time	170 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2,4-Dichlorophenol	170	UJ	Prep Hold Time	170 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2,4-Dimethylphenol	170	UJ	Prep Hold Time	170 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2,4-Dinitrophenol	370	UJ	Prep Hold Time	370 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2,4-Dinitrotoluene	220	UJ	Prep Hold Time	220 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2,6-Dinitrotoluene	220	UJ	Prep Hold Time	220 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2-Chloronaphthalene	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2-Chlorophenol	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2-Methylnaphthalene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2-Methylphenol (o-Cresol)	220	UJ	Prep Hold Time	220 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2-Nitroaniline	220	UJ	Prep Hold Time	220 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2-Nitrophenol	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	3,3'-Dichlorobenzidine	110	UJ	Prep Hold Time	110 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	3-Nitroaniline	220	UJ	Prep Hold Time	220 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	4,6-Dinitro-2-Methylphenol	170	UJ	Prep Hold Time	170 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	4-Bromophenyl phenyl ether	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	4-Chloro-3-Methylphenol	170	UJ	Prep Hold Time	170 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	4-Chloroaniline	170	UJ	Prep Hold Time	170 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	4-Chlorophenyl Phenyl Ether	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	4-Nitroaniline	220	UJ	Prep Hold Time	220 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	4-Nitrophenol	370	UJ	Prep Hold Time	370 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Acenaphthene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Acenaphthylene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Anthracene	7.5	UJ	Prep Hold Time	7.5 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Benzo(a)anthracene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Benzo(a)pyrene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Benzo(b)fluoranthene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Benzo(g,h,i)perylene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Benzo(k)fluoranthene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Benzoic acid	740	R	Prep Hold Time	740 R
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Benzyl alcohol	370	UJ	Prep Hold Time	370 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Benzyl butyl phthalate	78	UJ	Prep Hold Time	78 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	bis(2-Chloroethoxy) Methane	110	UJ	Prep Hold Time	110 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	110	UJ	Prep Hold Time	110 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	bis(2-Chloroisopropyl) Ether	110	UJ	Prep Hold Time	110 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	bis(2-Ethylhexyl) Phthalate	40	J	Prep Hold Time	40 J
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Carbazole	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Chrysene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Cresols, m & p	450	UJ	Prep Hold Time	450 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Dibenz(a,h)anthracene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Dibenzofuran	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Diethyl Phthalate	78	UJ	Prep Hold Time	78 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Dimethyl Phthalate	78	UJ	Prep Hold Time	78 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Di-n-Butyl Phthalate	78	UJ	Prep Hold Time	78 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Di-n-Octylphthalate	78	UJ	Prep Hold Time	78 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Fluoranthene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Fluorene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Hexachlorobenzene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Hexachlorobutadiene	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Hexachlorocyclopentadiene	370	UJ	Prep Hold Time	370 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Hexachloroethane	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Indeno(1,2,3-c,d)pyrene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Isophorone	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Naphthalene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Nitrobenzene	110	UJ	Prep Hold Time	110 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	n-Nitrosodi-n-propylamine	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	n-Nitrosodiphenylamine	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Pentachlorophenol	170	UJ	Prep Hold Time	170 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Phenanthrene	7.5	UJ	Prep Hold Time	7.5 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Phenol	56	UJ	Prep Hold Time	56 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Pyrene	7.5	UJ	Prep Hold Time	7.5 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	1,2,4-Trichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	1,2-Dichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	1,3-Dichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	1,4-Dichlorobenzene	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2,4,5-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2,4,6-Trichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2,4-Dichlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2,4-Dimethylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2,4-Dinitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2,4-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2,6-Dinitrotoluene	2000	UJ	Prep Hold Time	2000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2-Chloronaphthalene	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2-Chlorophenol	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2-Methylnaphthalene	36	J	Prep Hold Time	36 J
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2-Methylphenol (o-Cresol)	2000	UJ	Prep Hold Time	2000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	2-Nitrophenol	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	3,3'-Dichlorobenzidine	1000	UJ	Prep Hold Time	1000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	3-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	4,6-Dinitro-2-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	4-Bromophenyl phenyl ether	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	4-Chloro-3-Methylphenol	1500	UJ	Prep Hold Time	1500 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	4-Chloroaniline	1500	UJ	Prep Hold Time	1500 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	4-Chlorophenyl Phenyl Ether	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	4-Nitroaniline	2000	UJ	Prep Hold Time	2000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	4-Nitrophenol	3300	UJ	Prep Hold Time	3300 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Acenaphthene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Acenaphthylene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Anthracene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Benzo(a)anthracene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Benzo(a)pyrene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Benzo(b)fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Benzo(g,h,i)perylene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Benzo(k)fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Benzoic acid	6700	R	Prep Hold Time	6700 R
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Benzyl alcohol	3300	UJ	Prep Hold Time	3300 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Benzyl butyl phthalate	710	UJ	Prep Hold Time	710 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	bis(2-Chloroethoxy) Methane	1000	UJ	Prep Hold Time	1000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	UJ	Prep Hold Time	1000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	bis(2-Chloroisopropyl) Ether	1000	UJ	Prep Hold Time	1000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	bis(2-Ethylhexyl) Phthalate	710	UJ	Prep Hold Time	710 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Carbazole	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Chrysene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Cresols, m & p	4000	UJ	Prep Hold Time	4000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Dibenz(a,h)anthracene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Dibenzofuran	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Diethyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Dimethyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Di-n-Butyl Phthalate	710	UJ	Prep Hold Time	710 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Di-n-Octylphthalate	710	UJ	Prep Hold Time	710 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Fluoranthene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Fluorene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Hexachlorobenzene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Hexachlorobutadiene	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Hexachlorocyclopentadiene	3300	UJ	Prep Hold Time	3300 UJ

**Table 2-1: Holding Time Exceedances (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Hexachloroethane	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Indeno(1,2,3-c,d)pyrene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Isophorone	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Naphthalene	34	J	Prep Hold Time	34 J
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Nitrobenzene	1000	UJ	Prep Hold Time	1000 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	n-Nitrosodi-n-propylamine	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	n-Nitrosodiphenylamine	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Pentachlorophenol	1500	UJ	Prep Hold Time	1500 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Phenanthrene	67	UJ	Prep Hold Time	67 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Phenol	510	UJ	Prep Hold Time	510 UJ
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Pyrene	67	UJ	Prep Hold Time	67 UJ

Notes:

SDG = Sample Delivery Group  
 SVOC = Semi-volatile organic compound  
 µg/kg = Micrograms per kilogram  
 UJ = Not Detected, with estimated reporting limit  
 PCB = Polychlorinated Biphenyls  
 J = Estimated

R = Rejected  
 BHC = Hexachlorocyclohexane  
 DDD = Dichlorodiphenyldichloroethane  
 DDE = Dichlorodiphenyldichloroethylene  
 DDT = Dichlorodiphenyltrichloroethane



## 2.4 Tuning and Calibration

All methods using a mass selective detector must be tuned in accordance with the standard operating procedures (SOP), and method calibrations must meet the DoD QSM criteria. All applicable method tunes and initial calibrations met method criteria. Select pesticides had ICV or CCV out of limits. See Table 2-2 for qualified data.

## 2.5 Laboratory Method Blanks, Initial Calibration Blanks, Continuing Calibration Blanks

A laboratory MB is an analyte-free matrix that is carried through the entire sample preparation and analysis sequence for the purpose of identifying potential contamination introduced during sample preparation and analysis. MBs were analyzed for each sample batch for all analyses. ICBs and CCBs are analyzed for metals and nitrocellulose analyses to assess the potential for carry over in the analytical method. If a contaminant is detected below the LOQ and has a result less than 5 times the associated blank level, then the sample value will be U (undetected) flagged at the LOQ. If a contaminant is detected above the LOQ and has a result less than 5 times the associated blank level, then the sample value will be U flagged and the LOQ will be changed to that of the contaminant concentration in the sample.

All applicable laboratory blank detections resulting in qualified sample results are presented in Table 2-3. Several of the results presented in Table 2-3 are qualified with UJ. The UJ qualifier has been added to the results in relation to separate data quality issues.

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**Table 2-2: Calibration - Initial and Continuing Calibration Verification**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Pesticides (µg/kg)</b>								
073SS-0002M-0001-SO	11/8/2012	240-17422-1	240-17422-5	Toxaphene	1400	UJ	ICV	1400 UJ
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	Toxaphene	1400	UJ	ICV	1400 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Toxaphene	330	UJ	ICV	330 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Aldrin	4.0	UJ	CCV	4.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	alpha-Chlordane	3.0	UJ	CCV	3.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Dieldrin	1.7	UJ	CCV	1.7 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Endrin	1.7	UJ	CCV	1.7 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Endrin Aldehyde	3.0	UJ	CCV	3.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Endrin Ketone	2.0	UJ	CCV	2.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	gamma-Chlordane	1.7	UJ	CCV	1.7 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Methoxychlor	5.0	UJ	CCV	5.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	4,4'-DDD	2.0	UJ	CCV	2.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	4,4'-DDE	0.66	J	CCV	0.66 J
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	4,4'-DDT	2.0	UJ	CCV	2.0 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Toxaphene	67	UJ	CCV	67 UJ
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	Methoxychlor	150	UJ	CCV	150 UJ
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	Toxaphene	2000	UJ	ICV	2000 UJ
<b>Pesticides (µg/L)</b>								
073SW-0061-0001-SW	3/28/2013	240-22648-1	240-22648-18	Toxaphene	2.1	UJ	ICV	2.1 UJ

Notes:  
 SDG = Sample Delivery Group  
 µg/kg = Micrograms per kilogram  
 µg/L = Micrograms per liter

UJ = Not Detected, with estimated reporting limit  
 J = Estimated  
 CCV = Continuing Calibration Verification

ICV = Initial Calibration Verification  
 DDD = Dichlorodiphenyldichloroethane  
 DDE = Dichlorodiphenyldichloroethylene  
 DDT = Dichlorodiphenyltrichloroethane

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**Table 2-3: Laboratory Method Blanks**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Metals (mg/kg)</b>								
073SS-0002M-0001-SO	11/8/2012	240-17422-1	240-17422-5	Mercury	0.077	U	MB	0.10 U
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	Mercury	0.083	U	MB	0.090 U
073SS-0005M-0001-SO	11/8/2012	240-17422-1	240-17422-8	Mercury	0.051	U	MB	0.095 U
073SB-0025M-0001-SO	3/27/2013	240-22562-1	240-22562-1	Mercury	0.025	U	MB	0.10 U
073SB-0026M-0001-SO	3/27/2013	240-22562-1	240-22562-2	Mercury	0.028	U	MB	0.097 U
073SB-0027M-0001-SO	3/27/2013	240-22562-1	240-22562-3	Mercury	0.020	U	MB	0.11 U
073SB-0028M-0001-SO	3/27/2013	240-22562-1	240-22562-4	Mercury	0.019	U	MB	0.10 U
073SB-0029M-0001-SO	3/27/2013	240-22562-1	240-22562-5	Mercury	0.016	U	MB	0.11 U
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Mercury	0.026	U	MB	0.11 U
073SB-0032M-0001-SO	3/27/2013	240-22562-1	240-22562-8	Mercury	0.020	U	MB	0.094 U
073SB-0040M-0001-SO	4/1/2013	240-22663-1	240-22663-16	Selenium	0.17	U	MB	0.50 U
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Selenium	0.16	U	MB	0.48 U
073SB-0042M-0001-SO	4/1/2013	240-22663-1	240-22663-18	Selenium	0.21	U	MB	0.50 U
073SB-0043M-0001-SO	4/1/2013	240-22663-1	240-22663-19	Selenium	0.16	U	MB	0.48 U
073SB-0044-0001-SO	4/1/2013	240-22663-1	240-22663-20	Selenium	0.17	U	MB	0.54 U
073SD-0052-0001-SD	3/28/2013	240-22562-1	240-22562-11	Mercury	0.023	U	MB	0.13 U
073SD-0055-0001-SD	3/28/2013	240-22562-1	240-22562-13	Mercury	0.037	U	MB	0.15 U
<b>Metals (µg/L)</b>								
073SW-0056-0001-SW	3/28/2013	240-22648-1	240-22648-15	Cobalt	0.090	U	CCB	0.50 U
073SW-0056-0001-SW	3/28/2013	240-22648-1	240-22648-15	Lead	0.47	U	MB	1.0 U

**Table 2-3: Laboratory Method Blanks (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Metals (µg/L)</b>								
073SW-0058-0001-SW	3/28/2013	240-22648-1	240-22648-16	Cobalt	0.17	U	CCB	0.50 U
073SW-0058-0001-SW	3/28/2013	240-22648-1	240-22648-16	Lead	0.49	U	MB	1.0 U
073SW-0058-0001-SW	3/28/2013	240-22648-1	240-22648-16	Silver	0.86	UJ	MB	1.0 UJ
073SW-0059-0001-SW	3/28/2013	240-22648-1	240-22648-17	Cobalt	0.22	U	CCB	0.50 U
073SW-0059-0001-SW	3/28/2013	240-22648-1	240-22648-17	Lead	0.57	U	MB	1.0 U
073SW-0059-0001-SW	3/28/2013	240-22648-1	240-22648-17	Silver	0.47	UJ	MB	1.0 UJ
073SW-0061-0001-SW	3/28/2013	240-22648-1	240-22648-18	Cobalt	0.064	U	CCB	0.50 U
073SW-0061-0001-SW	3/28/2013	240-22648-1	240-22648-18	Lead	0.19	U	MB	1.0 U
073SW-0061-0001-SW	3/28/2013	240-22648-1	240-22648-18	Silver	0.36	UJ	MB	1.0 UJ
073SW-0063-0001-SW	3/28/2013	240-22562-1	240-22562-14	Lead	0.5	U	MB	1.0 U
073SW-0063-0001-SW	3/28/2013	240-22562-1	240-22562-14	Zinc	3.9	U	CCB	5.0 U
073SW-0064-0001-SW	3/28/2013	240-22562-1	240-22562-15	Lead	0.34	U	MB	1.0 U
073SW-0064-0001-SW	3/28/2013	240-22562-1	240-22562-15	Zinc	3.5	U	CCB	5.0 U
073SW-0066-0001-SW	3/28/2013	240-22562-1	240-22562-16	Lead	0.34	U	MB	1.0 U
073SW-0066-0001-SW	3/28/2013	240-22562-1	240-22562-16	Zinc	4.0	U	CCB	5.0 U
073SW-0067-0001-SW	3/28/2013	240-22648-1	240-22648-21	Silver	0.27	UJ	MB	1.0 UJ
<b>SVOC (µg/kg)</b>								
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	bis(2-Ethylhexyl) Phthalate	41	U	MB	50 U
073SB-0016M-0001-SO	3/28/2013	240-22648-1	240-22648-1	bis(2-Ethylhexyl) Phthalate	89	U	MB	89 U
073SB-0016M-0001-SO	3/28/2013	240-22648-1	240-22648-1	Di-n-Butyl Phthalate	23	U	MB	50 U

**Table 2-3: Laboratory Method Blanks (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0017M-0001-SO	3/28/2013	240-22648-1	240-22648-2	bis(2-Ethylhexyl) Phthalate	68	U	MB	68 U
073SB-0017M-0001-SO	3/28/2013	240-22648-1	240-22648-2	Di-n-Butyl Phthalate	20	U	MB	49 U
073SB-0019M-0001-SO	3/28/2013	240-22648-1	240-22648-3	bis(2-Ethylhexyl) Phthalate	45	U	MB	50 U
073SB-0019M-0001-SO	3/28/2013	240-22648-1	240-22648-3	Di-n-Butyl Phthalate	15	U	MB	50 U
073SB-0020M-0001-SO	3/28/2013	240-22648-1	240-22648-4	bis(2-Ethylhexyl) Phthalate	92	U	MB	92 U
073SB-0020M-0001-SO	3/28/2013	240-22648-1	240-22648-4	Di-n-Butyl Phthalate	26	U	MB	50 U
073SB-0021M-0001-SO	3/28/2013	240-22648-1	240-22648-5	bis(2-Ethylhexyl) Phthalate	69	U	MB	69 U
073SB-0022M-0001-SO	3/28/2013	240-22648-1	240-22648-6	bis(2-Ethylhexyl) Phthalate	45	U	MB	50 U
073SB-0023M-0001-SO	3/28/2013	240-22648-1	240-22648-7	bis(2-Ethylhexyl) Phthalate	70	U	MB	70 U
073SB-0023M-0001-SO	3/28/2013	240-22648-1	240-22648-7	Di-n-Butyl Phthalate	15	U	MB	70 U
073SB-0024M-0001-SO	3/28/2013	240-22648-1	240-22648-8	bis(2-Ethylhexyl) Phthalate	76	U	MB	76 U
073SB-0067M-0001-SO	3/28/2013	240-22648-1	240-22648-9	bis(2-Ethylhexyl) Phthalate	38	U	MB	57 U
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	bis(2-Ethylhexyl) Phthalate	190	U	MB	190 U
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	Di-n-Butyl Phthalate	53	U	MB	130 U
073SD-0047-0001-SD	3/28/2013	240-22648-1	240-22648-11	bis(2-Ethylhexyl) Phthalate	160	U	MB	160 U
073SD-0048-0001-SD	3/28/2013	240-22648-1	240-22648-12	bis(2-Ethylhexyl) Phthalate	60	U	MB	77 U
073SD-0048-0001-SD	3/28/2013	240-22648-1	240-22648-12	Di-n-Butyl Phthalate	23	U	MB	77 U
073SD-0052-0001-SD	3/28/2013	240-22562-1	240-22562-11	bis(2-Ethylhexyl) Phthalate	36	U	MB	63 U
073SD-0054-0001-SD	3/28/2013	240-22562-1	240-22562-12	bis(2-Ethylhexyl) Phthalate	57	U	MB	68 U
073SD-0055-0001-SD	3/28/2013	240-22562-1	240-22562-13	bis(2-Ethylhexyl) Phthalate	32	U	MB	70 U

**Table 2-3: Laboratory Method Blanks (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>VOC (µg/kg)</b>								
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Methylene Chloride	1.5	UJ	MB	4.6 UJ
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Methylene Chloride	1.5	U	MB	4.1 U
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	Methylene Chloride	1.6	U	MB	7.1 U
<b>VOC (µg/L)</b>								
073SS-0006-0001-TB	11/8/2012	240-17422-1	240-17422-16	Volatiles	0.41	U	MB	1.0 U

Notes:

SDG = Sample Delivery Group

µg/kg = Micrograms per kilogram

µg/L = Micrograms per liter

SVOC = Semi-volatile Organic Compound

VOC = Volatile Organic Compound

U = Undetected

UJ = Not Detected, with estimated reporting limit

MB = Method Blank

CCB = Continuing Calibration Blank



## 2.6 Field Blank Quality Control – Trip Blanks, Equipment Rinsate Blanks, and Source Water

A trip blank (TB) is an analyte-free matrix that accompanies samples through the sample collection and transportation process to identify potential volatile organic compound (VOC) cross-contamination during storage and shipment. Concentrations of acetone, chloromethane, and methylene chloride were detected within TB samples. Only one acetone result (surface water sample 073SW-0061-0001-SW) was changed to non-detect based upon a TB detection. All applicable blank detections resulting in qualified sample results are presented in Table 2-4. See Attachment A for TB data.

Source water sample data are used determine the pre-existing levels of chemicals in decontamination fluids. For the sampling at this site, two source water samples were associated with the sample data, as shown in Table 1-2. Source water sample SorW-1 was collected from water used to decontaminate hand held tools. Source water sample SorW-3 was collected from drillers water used to decontaminate direct push sampling tools. Toluene was qualified as non-detect in VOC sample 073SS-0002M-0001-SO based upon a toluene detection in the source water, as shown in Table 2-4. See Attachment B for source water data.

**Table 2-4: Trip Blanks and Source Water**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>VOC (µg/L)</b>								
073SW-0061-0001-SW	3/28/2013	240-22648-1	240-22648-18	Acetone	1.9	UJ	Trip Blank	10 UJ
<b>VOC (µg/kg)</b>								
073SS-0002M-0001-SO	11/8/2012	240-17422-1	240-17422-5	Toluene	0.52	U	Source Water	6.7 U

Notes:

SDG = Sample Delivery Group

µg/L = Microgram per liter

UJ = Not Detected, with estimated reporting limit

VOC = Volatile Organic Compound

Source water is used as the final rinsate during equipment decontamination, and samples of this water were submitted as equipment rinsate samples. The equipment rinsate results are evaluated to determine the effectiveness of equipment decontamination. As the source water was tested, the pre-existing levels of chemicals in the equipment rinsate are known, and these are not further evaluated when assessing the equipment rinsate results. Equipment rinsate samples ER-1 and ER-3 are associated with the source water samples listed above.

SorW-1 has detections of several metals, including barium, calcium, copper, magnesium, and sodium. SorW-1 also has several VOC detections, 2-butanone, acetone, toluene, bromodichloromethane, chloroform, and dibromochloromethane. SorW-3 has detections of several metals, including arsenic, chromium, cobalt, thallium, copper, calcium, barium, iron, magnesium, manganese, potassium, sodium, and zinc. Source water sample SorW-3 had trace level organic detections for bis(2-ethylhexyl)phthalate, dalapon, and nitroguanidine, which were qualified as non-detect during data verification.

One or more equipment rinsate results had aqueous detects for trace part per billion levels of several metals and for chloroform. No chloroform was detected in associated primary samples. Toluene in soil sample 073SS-0002M-0001-SO was qualified as non-detect, as shown in Table 4-2, due to toluene detection in the associated source water sample. Soil samples for metals are reported in the part per million range, so these low-level equipment rinsate results show that sampling tools were properly decontaminated and that there was no apparent cross-contamination between metal soil samples. See Attachment A for equipment rinsate blank data.

Comparison of the source water sample results, SorW-1 and SorW-3, to the equipment rinsate results shows similar chemicals in ER-1 and ER-3. Soil samples for metals are reported in the part per million range, so these low-level source water results show that sampling tools were properly decontaminated and that there was no apparent cross-contamination between metal soil samples. Chloroform, detected at trace levels in all rinsate blank samples. The equipment rinsate results show that sampling tools were properly decontaminated and that there was no apparent cross-contamination between soil samples for metals or SVOC compounds.

QC trip blanks were collected along with the source water and rinsate blank samples. The trip blank, QC TB-1, associated with source water sample SorW-1, had a trace-level chloroform detection; chloroform was not detected in SorW-1. The trip blank, QC TB-10, associated with rinsate blank sample ER-3, had a trace level of acetone, and a methylene chloride detection. None of these compounds were detected in the rinsate blank samples.

## **2.7 Surrogates**

Surrogates are compounds not normally found in the environment that are added (spiked) into samples prior to extraction (for extractable methods) or prior to analysis (for non-extractable methods). The percent recovery (% REC) of each surrogate is used to assess the success of the sample preparation process for an individual sample. All applicable surrogates were within QAPP limits with the exception of low surrogate recoveries in the analyses of one pesticide and one VOC sample (073SB-0031M-0001-SO) and a high surrogate recovery for one VOC sample (073SD-0050-0001-SD), impacting select analytes. See Table 2-5 for qualified data.

**Table 2-5: Surrogate Recoveries**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>PCB (µg/kg)</b>								
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	PCB-1016 (Aroclor 1016)	64	UJ	Surrogate recovery -low	64 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	PCB-1221 (Aroclor 1221)	50	UJ	Surrogate recovery -low	50 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	PCB-1232 (Aroclor 1232)	45	UJ	Surrogate recovery -low	45 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	PCB-1242 (Aroclor 1242)	40	UJ	Surrogate recovery -low	40 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	PCB-1248 (Aroclor 1248)	54	UJ	Surrogate recovery -low	54 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	PCB-1254 (Aroclor 1254)	54	UJ	Surrogate recovery -low	54 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	PCB-1260 (Aroclor 1260)	54	UJ	Surrogate recovery -low	54 UJ
<b>VOC (µg/kg)</b>								
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	1,1,1-Trichloroethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	1,1,2,2-Tetrachloroethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	1,1,2-Trichloroethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	1,1-Dichloroethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	1,1-Dichloroethene	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	1,2-Dibromoethane (EDB)	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	1,2-Dichloroethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	1,2-Dichloroethene	9.2	UJ	Surrogate recovery -low	9.2 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	1,2-Dichloropropane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	2-Butanone (MEK)	18	UJ	Surrogate recovery -low	18 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	2-Hexanone	18	UJ	Surrogate recovery -low	18 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	4-Methyl-2-pentanone (MIBK)	18	UJ	Surrogate recovery -low	18 UJ

**Table 2-5: Surrogate Recoveries (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>VOC (µg/kg)</b>								
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Acetone	18	UJ	Surrogate recovery -low	18 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Benzene	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Bromochloromethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Bromodichloromethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Bromoform	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Bromomethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Carbon Disulfide	2.9	J	Surrogate recovery -low	2.9 J
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Carbon Tetrachloride	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Chlorobenzene	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Chloroethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Chloroform	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Chloromethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	cis-1,3-Dichloropropene	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Dibromochloromethane	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Ethylbenzene	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Methylene Chloride	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Styrene	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Tetrachloroethene (PCE)	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Toluene	4.6	UJ	Surrogate recovery -low	4.6 UJ

**Table 2-5: Surrogate Recoveries (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>VOC (µg/kg)</b>								
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	trans-1,3-Dichloropropene	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Trichloroethene (TCE)	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Vinyl Chloride	4.6	UJ	Surrogate recovery -low	4.6 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Xylenes, Total	9.2	UJ	Surrogate recovery -low	9.2 UJ
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	2-Butanone (MEK)	2.7	J	Surrogate recovery -high	2.7 J
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	Carbon Disulfide	4.5	J	Surrogate recovery -high	4.5 J

Notes:

SDG = Sample Delivery Group

PCB = Polychlorinated Biphenyls

VOC = Volatile Organic Compound

µg/kg = Micrograms per kilogram

UJ = Not Detected, with estimated reporting limit

J = Estimated

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## 2.8 Laboratory Control Samples and/or Laboratory Control Sample Duplicates

An LCS consists of a matrix, similar to that of the field sample, which is spiked with known concentrations of analytes. The LCS % REC is a measure of the accuracy of the preparation and analytical methods. The laboratory control sample duplicate (LCSD), if analyzed, is a duplicate preparation and analysis of the LCS. The differences between the LCS and LCSD recoveries are used to calculate the RPD, which is a measure of the precision of the preparation and analytical methods. LCS samples were analyzed for each sample batch for all analyses. All applicable LCS recoveries were within QAPP limits with the exceptions of SVOCs benzoic acid, qualified as rejected in 27 soil boring, 7 sediment, 3 surface soil, and 8 surface water samples, and hexachlorocyclo-pentadiene, qualified as rejected in 8 surface water samples, because the LCS recoveries were less than 10%. See Table 2-6 for sample results qualified due to LCS recoveries.

## 2.9 Matrix Spikes and Matrix Spike Duplicates

MS/MSD analyses measure method accuracy and precision for a project-specific matrix. A field sample is split into three portions (original, MS, and MSD) and known amounts of analytes are added (spiked) into the MS and MSD portions of the sample. The analytical results of these two portions are compared to each other for reproducibility using the RPD. These results are also compared against the un-spiked portion of the sample for the percent of the spiked analytes. Low MS recovery exceedances for non-detects are qualified as UJ (non-detect with an estimated reporting limit) and detects qualified as J (estimated). High MS recovery exceedances are qualified as J (estimated) for detections. Results associated with MS recoveries below 10% are qualified as R (rejected) for non-detects and J (estimated) for detects.

MS/MSD samples were analyzed for each SDG for all analyses. MS/MSD results were provided for all analyses. All MS/MSD recoveries were within QAPP limits with the exception of those listed in Table 2-7.

Select SVOCs have been rejected due to low MS recovery. Analytes 3,3'-dichlorobenzidine, 3-nitroaniline, and 4-chloroaniline for sediment sample 073SD-0045-0001-SD, 3,3'-dichlorobenzidine and benzoic acid in surface soil sample 073SS-0003M-0001-SO, and 3,3'-dichlorobenzidine for surface water sample 073SW-0056-0001-SW, have MS and/or MSD recoveries less than 10%, so these SVOCs have been qualified as R (rejected).

No data were qualified based upon MS/MSD RPD results, except for Arochlor 1260 in sample 073SS-0003M-0001-SO. The matrix spike duplicate had a high recovery, which resulted in an RPD exceedance.

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**Table 2-6: Laboratory Control Samples/Laboratory Control Sample Duplicate Recoveries**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SS-0002M-0001-SO	11/8/2012	240-17422-1	240-17422-5	Benzoic acid	2700	R	LCS Recovery < 10%	2700 R
073SS-0005M-0001-SO	11/8/2012	240-17422-1	240-17422-8	Benzoic acid	6600	R	LCS Recovery < 10%	6600 R
073SB-0016M-0001-SO	3/28/2013	240-22648-1	240-22648-1	Benzoic acid	660	R	LCS Recovery < 10%	660 R
073SB-0017M-0001-SO	3/28/2013	240-22648-1	240-22648-2	Benzoic acid	650	R	LCS Recovery < 10%	650 R
073SB-0019M-0001-SO	3/28/2013	240-22648-1	240-22648-3	Benzoic acid	650	R	LCS Recovery < 10%	650 R
073SB-0020M-0001-SO	3/28/2013	240-22648-1	240-22648-4	Benzoic acid	660	R	LCS Recovery < 10%	660 R
073SB-0021M-0001-SO	3/28/2013	240-22648-1	240-22648-5	Benzoic acid	660	R	LCS Recovery < 10%	660 R
073SB-0022M-0001-SO	3/28/2013	240-22648-1	240-22648-6	Benzoic acid	660	R	LCS Recovery < 10%	660 R
073SB-0023M-0001-SO	3/28/2013	240-22648-1	240-22648-7	Benzoic acid	660	R	LCS Recovery < 10%	660 R
073SB-0024M-0001-SO	3/28/2013	240-22648-1	240-22648-8	Benzoic acid	660	R	LCS Recovery < 10%	660 R
073SB-0025M-0001-SO	3/27/2013	240-22562-1	240-22562-1	Benzoic acid	6600	R	LCS Recovery < 10%	6600 R
073SB-0026M-0001-SO	3/27/2013	240-22562-1	240-22562-2	Benzoic acid	650	R	LCS Recovery < 10%	650 R
073SB-0027M-0001-SO	3/27/2013	240-22562-1	240-22562-3	Benzoic acid	3300	R	LCS Recovery < 10%	3300 R
073SB-0028M-0001-SO	3/27/2013	240-22562-1	240-22562-4	Benzoic acid	3300	R	LCS Recovery < 10%	3300 R
073SB-0029M-0001-SO	3/27/2013	240-22562-1	240-22562-5	Benzoic acid	670	R	LCS Recovery < 10%	670 R
073SB-0030M-0001-SO	3/27/2013	240-22562-1	240-22562-6	Benzoic acid	660	R	LCS Recovery < 10%	660 R
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Benzoic acid	670	R	LCS Recovery < 10%	670 R
073SB-0032M-0001-SO	3/27/2013	240-22562-1	240-22562-8	Benzoic acid	6600	R	LCS Recovery < 10%	6600 R
073SB-0033-0001-SO	3/27/2013	240-22562-1	240-22562-9	Benzoic acid	770	R	LCS Recovery < 10%	770 R
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	Benzoic acid	6700	R	LCS Recovery < 10%	6700 R

**Table 2-6: Laboratory Control Samples/Laboratory Control Sample Duplicate Recoveries (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	Benzoic acid	6500	R	LCS Recovery < 10%	6500 R
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	Benzoic acid	6700	R	LCS Recovery < 10%	6700 R
073SB-0039M-0001-SO	4/1/2013	240-22663-2	240-22663-15	Benzoic acid	6600	R	LCS Recovery < 10%	6600 R
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Benzoic acid	6700	R	LCS Recovery < 10%	6700 R
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Benzoic acid	3300	R	LCS Recovery < 10%	3300 R
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	Benzoic acid	6600	R	LCS Recovery < 10%	6600 R
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	Benzoic acid	6600	R	LCS Recovery < 10%	6600 R
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	Benzoic acid	740	R	LCS Recovery < 10%	740 R
073SB-0067M-0001-SO	3/28/2013	240-22648-1	240-22648-9	Benzoic acid	760	R	LCS Recovery < 10%	760 R
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	Benzoic acid	1700	R	LCS Recovery < 10%	1700 R
073SD-0046-0001-SD	3/28/2013	240-22648-1	240-22648-14	Benzoic acid	1400	J	LCS Recovery -low	1400 J
073SD-0047-0001-SD	3/28/2013	240-22648-1	240-22648-11	Benzoic acid	990	R	LCS Recovery < 10%	990 R
073SD-0048-0001-SD	3/28/2013	240-22648-1	240-22648-12	Benzoic acid	1000	R	LCS Recovery < 10%	1000 R
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	Benzoic acid	990	R	LCS Recovery < 10%	990 R
073SD-0052-0001-SD	3/28/2013	240-22562-1	240-22562-11	Benzoic acid	840	R	LCS Recovery < 10%	840 R
073SD-0054-0001-SD	3/28/2013	240-22562-1	240-22562-12	Benzoic acid	890	R	LCS Recovery < 10%	890 R
073SD-0055-0001-SD	3/28/2013	240-22562-1	240-22562-13	Benzoic acid	930	R	LCS Recovery < 10%	930 R
073SS-0035M-0001-SO	4/1/2013	240-22663-2	240-22663-11	Benzoic acid	6700	R	LCS Recovery < 10%	6700 R
<b>SVOC (µg/L)</b>								
073SW-0056-0001-SW	3/28/2013	240-22648-1	240-22648-15	Benzoic acid	27	R	LCS Recovery < 10%	27 R

**Table 2-6: Laboratory Control Samples/Laboratory Control Sample Duplicate Recoveries (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/L)</b>								
073SW-0056-0001-SW	3/28/2013	240-22648-1	240-22648-15	Hexachlorocyclopentadiene	11	R	LCS Recovery < 10%	11 R
073SW-0058-0001-SW	3/28/2013	240-22648-1	240-22648-16	Benzoic acid	26	R	LCS Recovery < 10%	26 R
073SW-0058-0001-SW	3/28/2013	240-22648-1	240-22648-16	Hexachlorocyclopentadiene	10	R	LCS Recovery < 10%	10 R
073SW-0059-0001-SW	3/28/2013	240-22648-1	240-22648-17	Benzoic acid	27	R	LCS Recovery < 10%	27 R
073SW-0059-0001-SW	3/28/2013	240-22648-1	240-22648-17	Hexachlorocyclopentadiene	11	R	LCS Recovery < 10%	11 R
073SW-0061-0001-SW	3/28/2013	240-22648-1	240-22648-18	Benzoic acid	26	R	LCS Recovery < 10%	26 R
073SW-0061-0001-SW	3/28/2013	240-22648-1	240-22648-18	Hexachlorocyclopentadiene	10	R	LCS Recovery < 10%	10 R
073SW-0063-0001-SW	3/28/2013	240-22562-1	240-22562-14	Benzoic acid	26	R	LCS Recovery < 10%	26 R
073SW-0063-0001-SW	3/28/2013	240-22562-1	240-22562-14	Hexachlorocyclopentadiene	10	R	LCS Recovery < 10%	10 R
073SW-0064-0001-SW	3/28/2013	240-22562-1	240-22562-15	Benzoic acid	26	R	LCS Recovery < 10%	26 R
073SW-0064-0001-SW	3/28/2013	240-22562-1	240-22562-15	Hexachlorocyclopentadiene	10	R	LCS Recovery < 10%	10 R
073SW-0066-0001-SW	3/28/2013	240-22562-1	240-22562-16	Benzoic acid	26	R	LCS Recovery < 10%	26 R
073SW-0066-0001-SW	3/28/2013	240-22562-1	240-22562-16	Hexachlorocyclopentadiene	11	R	LCS Recovery < 10%	11 R
073SW-0067-0001-SW	3/28/2013	240-22648-1	240-22648-21	Benzoic acid	26	R	LCS Recovery < 10%	26 R
073SW-0067-0001-SW	3/28/2013	240-22648-1	240-22648-21	Hexachlorocyclopentadiene	10	R	LCS Recovery < 10%	10 R

Notes:

SDG = Sample Delivery Group

SVOC = Semi-volatile Organic Compound

µg/kg = Micrograms per kilogram

µg/L = Micrograms per liter

R = Rejected

J = Estimated

LCS = Laboratory Control Sample

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**Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Metals (mg/kg)</b>								
073SS-0002M-0001-SO	11/8/2012	240-17422-1	240-17422-5	Antimony	0.087	J	MS Recovery - low	0.087 J
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	Antimony	0.098	J	MS Recovery - low	0.098 J
073SS-0005M-0001-SO	11/8/2012	240-17422-1	240-17422-8	Antimony	1.7	UJ	MS Recovery - low	1.7 UJ
073SB-0016M-0001-SO	3/28/2013	240-22648-1	240-22648-1	Antimony	0.047	J	MS Recovery - low	0.047 J
073SB-0017M-0001-SO	3/28/2013	240-22648-1	240-22648-2	Antimony	0.20	UJ	MS Recovery - low	0.20 UJ
073SB-0019M-0001-SO	3/28/2013	240-22648-1	240-22648-3	Antimony	0.20	UJ	MS Recovery - low	0.20 UJ
073SB-0020M-0001-SO	3/28/2013	240-22648-1	240-22648-4	Antimony	0.20	UJ	MS Recovery - low	0.20 UJ
073SB-0021M-0001-SO	3/28/2013	240-22648-1	240-22648-5	Antimony	0.20	UJ	MS Recovery - low	0.20 UJ
073SB-0022M-0001-SO	3/28/2013	240-22648-1	240-22648-6	Antimony	0.19	UJ	MS Recovery - low	0.19 UJ
073SB-0023M-0001-SO	3/28/2013	240-22648-1	240-22648-7	Antimony	0.20	UJ	MS Recovery - low	0.20 UJ
073SB-0024M-0001-SO	3/28/2013	240-22648-1	240-22648-8	Antimony	0.19	UJ	MS Recovery - low	0.19 UJ
073SB-0025M-0001-SO	3/27/2013	240-22562-1	240-22562-1	Antimony	0.20	UJ	MS Recovery - low	0.20 UJ
073SB-0026M-0001-SO	3/27/2013	240-22562-1	240-22562-2	Antimony	0.045	J	MS Recovery - low	0.045 J
073SB-0027M-0001-SO	3/27/2013	240-22562-1	240-22562-3	Antimony	0.20	UJ	MS Recovery - low	0.20 UJ
073SB-0028M-0001-SO	3/27/2013	240-22562-1	240-22562-4	Antimony	0.19	UJ	MS Recovery - low	0.19 UJ
073SB-0029M-0001-SO	3/27/2013	240-22562-1	240-22562-5	Antimony	0.047	J	MS Recovery - low	0.047 J
073SB-0030M-0001-SO	3/27/2013	240-22562-1	240-22562-6	Antimony	0.20	UJ	MS Recovery - low	0.20 UJ
073SB-0031M-0001-SO	3/27/2013	240-22562-1	240-22562-7	Antimony	0.20	UJ	MS Recovery - low	0.20 UJ
073SB-0032M-0001-SO	3/27/2013	240-22562-1	240-22562-8	Antimony	0.20	UJ	MS Recovery - low	0.20 UJ
073SB-0033-0001-SO	3/27/2013	240-22562-1	240-22562-9	Antimony	0.23	UJ	MS Recovery - low	0.23 UJ

**Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Metals (mg/kg)</b>								
073SB-0036M-0001-SO	4/1/2013	240-22663-1	240-22663-12	Antimony	0.044	J	MS Recovery - low	0.044 J
073SB-0037M-0001-SO	4/1/2013	240-22663-1	240-22663-13	Antimony	0.044	J	MS Recovery - low	0.044 J
073SB-0038M-0001-SO	4/1/2013	240-22663-1	240-22663-14	Antimony	0.067	J	MS Recovery - low	0.067 J
073SB-0039M-0001-SO	4/1/2013	240-22663-1	240-22663-15	Antimony	0.055	J	MS Recovery - low	0.055 J
073SB-0040M-0001-SO	4/1/2013	240-22663-1	240-22663-16	Antimony	0.047	J	MS Recovery - low	0.047 J
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	Antimony	0.24	J	MS Recovery - low	0.24 J
073SB-0042M-0001-SO	4/1/2013	240-22663-1	240-22663-18	Antimony	0.076	J	MS Recovery - low	0.076 J
073SB-0043M-0001-SO	4/1/2013	240-22663-1	240-22663-19	Antimony	0.074	J	MS Recovery - low	0.074 J
073SB-0044-0001-SO	4/1/2013	240-22663-1	240-22663-20	Antimony	0.089	J	MS Recovery - low	0.089 J
073SB-0067M-0001-SO	3/28/2013	240-22648-1	240-22648-9	Antimony	0.22	UJ	MS Recovery - low	0.22 UJ
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	Antimony	0.49	UJ	MS Recovery - low	0.49 UJ
073SD-0047-0001-SD	3/28/2013	240-22648-1	240-22648-11	Antimony	0.18	J	MS Recovery - low	0.18 J
073SD-0048-0001-SD	3/28/2013	240-22648-1	240-22648-12	Antimony	0.072	J	MS Recovery - low	0.072 J
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	Antimony	0.30	UJ	MS Recovery - low	0.30 UJ
073SD-0052-0001-SD	3/28/2013	240-22562-1	240-22562-11	Antimony	0.25	UJ	MS Recovery - low	0.25 UJ
073SD-0054-0001-SD	3/28/2013	240-22562-1	240-22562-12	Antimony	0.26	UJ	MS Recovery - low	0.26 UJ
073SD-0055-0001-SD	3/28/2013	240-22562-1	240-22562-13	Antimony	0.066	J	MS Recovery - low	0.066 J
073SS-0035M-0001-SO	4/1/2013	240-22663-1	240-22663-11	Antimony	0.35	J	MS Recovery - low	0.35 J
<b>SVOC (µg/kg)</b>								
073SB-0032M-0001-SO	3/27/2013	240-22562-1	240-22562-8	3,3'-Dichlorobenzidine	1000	J	MS Recovery - low	1000 J

**Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0032M-0001-SO	3/27/2013	240-22562-1	240-22562-8	4-Nitrophenol	3300	J	MS Recovery - low	3300 J
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2,4,6-Trichlorophenol	1500	UJ	MS Recovery - low	1500 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2,4-Dimethylphenol	1500	UJ	MS Recovery - low	1500 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2-Methylphenol (o-Cresol)	2000	UJ	MS Recovery - low	2000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	3,3'-Dichlorobenzidine	1000	UJ	MS Recovery - low	1000 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	4-Nitrophenol	3300	UJ	MS Recovery - low	3300 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	Pentachlorophenol	1500	UJ	MS Recovery - low	1500 UJ
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	3,3'-Dichlorobenzidine	260	R	MS Recovery < 10%	260 R
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	3-Nitroaniline	510	R	MS Recovery < 10%	510 R
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	4-Chloroaniline	380	R	MS Recovery < 10%	380 R
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	4-Nitroaniline	510	UJ	MS Recovery - low	510 UJ
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	Hexachloroethane	130	UJ	MS Recovery - low	130 UJ
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	3,3'-Dichlorobenzidine	100	R	MS Recovery < 10%	100 R
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	4-Nitroaniline	200	UJ	MS Recovery - low	200 UJ
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	Benzoic acid	670	R	MS Recovery < 10%	670 R
<b>SVOC (µg/L)</b>								
073SW-0056-0001-SW	3/28/2013	240-22648-1	240-22648-15	3,3'-Dichlorobenzidine	5.3	R	MS Recovery < 10%	5.3 R
<b>PCB (µg/kg)</b>								
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	PCB-1260 (Arochlor 1260)	56	UJ	MS Relative Percent Difference	56 UJ

**Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>VOC (µg/kg)</b>								
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	Chlorobenzene	7.5	UJ	MS Recovery - low	7.5 UJ
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	Styrene	7.5	UJ	MS Recovery - low	7.5 UJ

Notes:

SDG = Sample Delivery Group  
 mg/kg = Milligram per kilogram  
 µg/kg = Micrograms per kilogram  
 µg/L = Micrograms per liter  
 UJ = Not Detected, with estimated reporting limit

J = Estimated  
 R = Rejected  
 MS = Matrix Spike  
 SVOC = Semi-volatile Organic Compound  
 PCB = Polychlorinated biphenyls



## **2.10 Field Duplicates**

Field duplicate analytical results provide information on the ability to reproduce field results and account for error introduced from handling, shipping, preparing, and analyzing field samples. All field duplicate RPDs were within the QC limits, except for calcium in one primary sample and its corresponding field duplicate, as shown in Table 2-8. See attached Worksheet 14 for all field duplicate results.

## **2.11 Laboratory Duplicates**

Laboratory duplicate analytical results provide information on the ability to reproduce field results and account for error introduced from preparing and analyzing field samples. Laboratory duplicates are typically performed by the laboratory for some inorganic analyses only. All laboratory duplicate RPDs were within the QC limits, with exception of manganese in a solid matrix sample and silver in an aqueous (surface water) matrix sample. Per inorganic data validation methodology, results in the matrix batch were qualified (13 solid manganese and 5 aqueous silver results). See Table 2-9 for a summary of qualified samples.

## **2.12 Dilutions and Re-Analyses**

Secondary dilutions are made as required to stay within the calibration range of the analytical method or to overcome matrix issues. Re-analyses are performed as necessary to confirm QC exceedances in accordance with the method SOP and DoD QSM. Re-extractions were performed for select analyses samples, as corrective action; however, the re-extraction and original results were similar. In some cases, the re-extractions were performed beyond the preparation hold time. Dilutions were necessary for select pesticides and SVOC samples due to the matrix. All LODs were below Facility-Wide Cleanup Goals (FWCUG). The referenced FWCUGs are presented in the Facility-Wide Human Health Cleanup Goals for the Ravenna Army Ammunition Plant Table 5-8 and Table 5-9 (SAIC 2010).

## **2.13 Internal Standards**

All method using internal calibration must have internal standards spiked into them in accordance with the method SOP and DoD QSM. All applicable internal standards were within method criteria, except for the internal standard recovery in one VOC sample. 1,1,2,2-tetrachloroethane was qualified as UJ in VOC sample 073SS-0002M-0001-SO.

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**Table 2-8: Field Duplicate Relative Percent Differences**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Metals (mg/kg)</b>								
0073SB-0016M-0001-SO	3/28/2013	240-22648-1	240-22648-1	Calcium	5500	J	Field Duplicate RPD	5500 J
0073SB-0017M-0001-SO	3/28/2013	240-22648-1	240-22648-2	Calcium	2000	J	Field Duplicate RPD	2000 J

Notes:

SDG = Sample Delivery Group

mg/kg = Milligrams per kilogram

J = Estimated

RPD = Relative Percent Difference

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**Table 2-9: Laboratory Duplicate Relative Percent Differences**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Metals (mg/kg)</b>								
073SB-0016M-0001-SO	3/28/2013	240-22648-1	240-22648-1	Manganese	360	J	Lab Duplicate RPD	360 J
073SB-0017M-0001-SO	3/28/2013	240-22648-1	240-22648-2	Manganese	400	J	Lab Duplicate RPD	400 J
073SB-0019M-0001-SO	3/28/2013	240-22648-1	240-22648-3	Manganese	120	J	Lab Duplicate RPD	120 J
073SB-0020M-0001-SO	3/28/2013	240-22648-1	240-22648-4	Manganese	250	J	Lab Duplicate RPD	250 J
073SB-0021M-0001-SO	3/28/2013	240-22648-1	240-22648-5	Manganese	300	J	Lab Duplicate RPD	300 J
073SB-0022M-0001-SO	3/28/2013	240-22648-1	240-22648-6	Manganese	170	J	Lab Duplicate RPD	170 J
073SB-0023M-0001-SO	3/28/2013	240-22648-1	240-22648-7	Manganese	360	J	Lab Duplicate RPD	360 J
073SB-0024M-0001-SO	3/28/2013	240-22648-1	240-22648-8	Manganese	250	J	Lab Duplicate RPD	250 J
073SB-0067M-0001-SO	3/28/2013	240-22648-1	240-22648-9	Manganese	150	J	Lab Duplicate RPD	150 J
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	Manganese	2300	J	Lab Duplicate RPD	2300 J
073SD-0047-0001-SD	3/28/2013	240-22648-1	240-22648-11	Manganese	2300	J	Lab Duplicate RPD	2300 J
073SD-0048-0001-SD	3/28/2013	240-22648-1	240-22648-12	Manganese	2900	J	Lab Duplicate RPD	2900 J
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	Manganese	580	J	Lab Duplicate RPD	580 J
<b>Metals (µg/L)</b>								
073SW-0056-0001-SW	3/28/2013	240-22648-1	240-22648-15	Silver	2.5	J	Lab Duplicate RPD	2.5 J
073SW-0058-0001-SW	3/28/2013	240-22648-1	240-22648-16	Silver	1.0	UJ	Lab Duplicate RPD	1.0 UJ
073SW-0059-0001-SW	3/28/2013	240-22648-1	240-22648-17	Silver	1.0	UJ	Lab Duplicate RPD	1.0 UJ
073SW-0061-0001-SW	3/28/2013	240-22648-1	240-22648-18	Silver	1.0	UJ	Lab Duplicate RPD	1.0 UJ

**Table 2-9: Laboratory Duplicate Relative Percent Differences (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Metals (µg/L)</b>								
073SW-0067-0001-SW	3/28/2013	240-22648-1	240-22648-21	Silver	1.0	UJ	Lab Duplicate RPD	1.0 UJ

Notes:

SDG = Sample Delivery Group

mg/kg = Milligrams per kilogram

µg/L = Milligrams per liter

J = Estimated

UJ = Not Detected, with estimated reporting limit

RPD = Relative Percent Difference

## **2.14 Serial Dilution**

Serial dilution for metals analysis may be performed if MS recovery is out of limits and analyte results are greater than 50 times the MRL. Serial dilution percent difference results were within QC limits, except for zinc in select metals samples. Per inorganic data validation methodology, results in the matrix batch were qualified. All applicable data qualified based upon batch serial dilution percent differences are presented in Table 2-10.

## **2.15 Post-Digestion Spike Samples**

Post-digestion spiked sample analysis may be performed for metals if a MS recovery is out of limits and analyte results are not greater than 50 times the MRL. Post-digestion spike recoveries were within QC limits.

## **2.16 Dual-Column Relative Percent Difference**

All detected results from dual-column methods were confirmed on a second column. Dual column comparisons between the detected explosive, pesticides and PCBs results were made using the identification summary forms. All applicable dual-column results were within limits with the exception of alpha-BHC (alpha-Hexachlorocyclohexane) in pesticides sample 073SB-0041M-0001-SO. Tetryl in explosive sample 073SS-0002M-0001-SO and beta-BHC in pesticide samples 073SS-0003M-0001-SO were qualified as non-detect due to dual column RPD greater than 150 percent and poor chromatographic peak shapes. Table 2-11 for the dual-column RPD qualified data.

## **2.17 Method Reporting Limit Checks**

The ability of the laboratory to quantitatively meet the MRL is verified by analyzing pre-analysis and post-analysis MRL check samples. The MRL check criterion is 70 -130%. If the MRL % REC is less than 70%, then non-detects are qualified as UJ and detects are qualified as J. If the MRL % REC is greater than 130%, then detects are qualified as J. If the MRL % REC is less than 10%, then non-detect data are qualified as R and detects are qualified as J. The MRL check is within limits for all methods with exception of those listed in Table 2-12 that have MRL check recoveries below 70%.

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**Table 2-10: Serial Dilution Percent Differences**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Metals (mg/kg)</b>								
073SB-0017M-0001-SO	3/28/2013	240-22648-1	240-22648-2	Zinc	42	J	Serial dilution %D	42 J
073SB-0019M-0001-SO	3/28/2013	240-22648-1	240-22648-3	Zinc	29	J	Serial dilution %D	29 J
073SB-0020M-0001-SO	3/28/2013	240-22648-1	240-22648-4	Zinc	35	J	Serial dilution %D	35 J
073SB-0021M-0001-SO	3/28/2013	240-22648-1	240-22648-5	Zinc	33	J	Serial dilution %D	33 J
073SB-0022M-0001-SO	3/28/2013	240-22648-1	240-22648-6	Zinc	30	J	Serial dilution %D	30 J
073SB-0023M-0001-SO	3/28/2013	240-22648-1	240-22648-7	Zinc	43	J	Serial dilution %D	43 J
073SB-0024M-0001-SO	3/28/2013	240-22648-1	240-22648-8	Zinc	40	J	Serial dilution %D	40 J
073SB-0036M-0001-SO	4/1/2013	240-22663-1	240-22663-12	Zinc	56	J	Serial dilution %D	56 J
073SB-0037M-0001-SO	4/1/2013	240-22663-1	240-22663-13	Zinc	54	J	Serial dilution %D	54 J
073SB-0038M-0001-SO	4/1/2013	240-22663-1	240-22663-14	Zinc	64	J	Serial dilution %D	64 J
073SB-0039M-0001-SO	4/1/2013	240-22663-1	240-22663-15	Zinc	62	J	Serial dilution %D	62 J
073SB-0067M-0001-SO	3/28/2013	240-22648-1	240-22648-9	Zinc	30	J	Serial dilution %D	30 J
073SD-0045-0001-SD	3/28/2013	240-22648-1	240-22648-10	Zinc	84	J	Serial dilution %D	84 J
073SD-0047-0001-SD	3/28/2013	240-22648-1	240-22648-11	Zinc	49	J	Serial dilution %D	49 J
073SD-0048-0001-SD	3/28/2013	240-22648-1	240-22648-12	Zinc	54	J	Serial dilution %D	54 J
073SD-0050-0001-SD	3/28/2013	240-22648-1	240-22648-13	Zinc	54	J	Serial dilution %D	54 J
073SS-0035M-0001-SO	4/1/2013	240-22663-1	240-22663-11	Zinc	54	J	Serial dilution %D	54 J

Notes:

SDG = Sample Delivery Group  
 mg/kg = Milligrams per kilogram  
 J = Estimated  
 %D = Percent Difference

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**Table 2-11: Dual Column Relative Percent Differences**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>Pesticides (µg/kg)</b>								
073SB-0041M-0001-SO	4/1/2013	240-22663-1	240-22663-17	alpha-BHC (alpha-Hexachlorocyclohexane)	1.2	J	Dual Column RPD	1.2 J
073SS-0003M-0001-SO	11/8/2012	240-17422-1	240-17422-6	beta-BHC (beta-Hexachlorocyclohexane)	71	U	Dual Column RPD	71 U
<b>Explosives (mg/kg)</b>								
073SS-0002M-0001-SO	11/8/2012	240-17422-1	240-17422-5	Tetryl	0.25	U	Dual Column RPD	0.25 U

Notes:

SDG = Sample Delivery Group  
 µg/kg = Micrograms per kilogram  
 mg/kg = Milligrams per kilogram  
 BHC = Hexachlorocyclohexane  
 U= Not detected  
 J = Estimated  
 RPD = Relative Percent Difference

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**Table 2-12: Method Reporting Limit Check Recoveries**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SB-0016M-0001-SO	3/28/2013	240-22648-1	240-22648-1	Hexachloroethane	50	UJ	MRL Recovery - low	50 UJ
073SB-0017M-0001-SO	3/28/2013	240-22648-1	240-22648-2	Hexachloroethane	49	UJ	MRL Recovery - low	49 UJ
073SB-0019M-0001-SO	3/28/2013	240-22648-1	240-22648-3	Hexachloroethane	50	UJ	MRL Recovery - low	50 UJ
073SB-0020M-0001-SO	3/28/2013	240-22648-1	240-22648-4	Hexachloroethane	50	UJ	MRL Recovery - low	50 UJ
073SB-0021M-0001-SO	3/28/2013	240-22648-1	240-22648-5	Hexachloroethane	50	UJ	MRL Recovery - low	50 UJ
073SB-0022M-0001-SO	3/28/2013	240-22648-1	240-22648-6	Hexachloroethane	50	UJ	MRL Recovery - low	50 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
073SB-0036M-0001-SO	4/1/2013	240-22663-2	240-22663-12	4,6-Dinitro-2-Methylphenol	1500	UJ	MRL Recovery - low	1500 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
073SB-0037M-0001-SO	4/1/2013	240-22663-2	240-22663-13	4,6-Dinitro-2-Methylphenol	1500	UJ	MRL Recovery - low	1500 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
073SB-0038M-0001-SO	4/1/2013	240-22663-2	240-22663-14	4,6-Dinitro-2-Methylphenol	1500	UJ	MRL Recovery - low	1500 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
073SB-0040M-0001-SO	4/1/2013	240-22663-2	240-22663-16	4,6-Dinitro-2-Methylphenol	1500	UJ	MRL Recovery - low	1500 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
073SB-0042M-0001-SO	4/1/2013	240-22663-2	240-22663-18	4,6-Dinitro-2-Methylphenol	1500	UJ	MRL Recovery - low	1500 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
073SB-0043M-0001-SO	4/1/2013	240-22663-2	240-22663-19	4,6-Dinitro-2-Methylphenol	1500	UJ	MRL Recovery - low	1500 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	2,4-Dinitrophenol	370	UJ	MRL Recovery - low	370 UJ
073SB-0044-0001-SO	4/1/2013	240-22663-2	240-22663-20	4,6-Dinitro-2-Methylphenol	170	UJ	MRL Recovery - low	170 UJ

**Table 2-12: Method Reporting Limit Check Recoveries (Continued)**

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
<b>SVOC (µg/kg)</b>								
073SD-0047-0001-SD	3/28/2013	240-22648-1	240-22648-11	Hexachloroethane	75	UJ	MRL Recovery - low	75 UJ
073SD-0048-0001-SD	3/28/2013	240-22648-1	240-22648-12	Hexachloroethane	77	UJ	MRL Recovery - low	77 UJ
<b>VOCs (µg/L)</b>								
073SB-0034-0001-TB	3/28/2013	240-22562-1	240-22562-10	Acetone	8.0	J	MRL Recovery - low	8.0 J
073SW-0057-0001-TB	3/29/2013	240-22648-1	240-22648-20	Acetone	7.0	J	MRL Recovery - low	7.0 J
073SW-0061-0001-SW	3/28/2013	240-22648-1	240-22648-18	Acetone	10	UJ	MRL Recovery - low	10 UJ
073SS-0006-0001-TB	11/8/2012	240-17422-1	240-17422-16	Chloromethane	0.3	J	MRL Recovery-high	0.3 J

Notes:

SDG = Sample Delivery Group  
 SVOC = Semi-volatile Organic Compound  
 VOC = Volatile Organic Compound  
 µg/kg = Micrograms per kilogram  
 µg/L = Micrograms per liter

J = Estimated  
 U = Undetected  
 UJ = Not Detected, with estimated reporting limit  
 MRL = Method Reporting Limit

### **3.0 OVERALL ASSESSMENT**

The following subsections present the field completeness, analytical completeness, and project completeness determinations for this project.

#### **3.1 Field Completeness**

Field completeness for sample collection was assessed by comparing the number of sample points sampled to the number of sample points planned for collection in accordance with FWQAPP Section 13.1. All planned samples were collected. Additional samples were collected for SVOCs and TAL Metals from the surficial soil (1), surface water (3), and sediment (3). Field completeness is therefore over 100%. See Table 3-1 for a summary of field completeness.

#### **3.2 Analytical Completeness**

Analytical completeness was assessed by comparing the number of valid (analytes that have not been rejected) laboratory analyte measurements performed to the number of laboratory analyte measurements planned. Analytical completeness was 100% for all analytes except for select SVOCs. See Table 3-2 for a summary of analytical completeness. Data were qualified as R due to LCS recoveries below 10% for benzoic acid in 43 samples and hexachlorocyclopentadiene in 8 samples. Data were qualified as R due to MS recoveries below 10% for 3,3'-dichlorobenzidine in 2 samples and 3-nitroaniline and 4-chloroaniline in 1 sample. SVOC analytical completeness is 98.37%.

#### **3.3 Project Completeness**

Project completeness combines sampling and analytical protocols to assess the expectations of the project as a whole. Project completeness is determined by comparing the percentage of samples/measurements that are determined to be usable to the total number of samples/measurements planned. Project completeness is calculated using the field completeness and analytical completeness (quality data completeness) percentages. Project completeness percentages for characterization site constituents of concern, SVOCs and TAL Metals, is 114.0% and 115.9%, respectively, due to the 1 surficial soil, 3 sediment, and 3 surface water samples added to the analytical program. Therefore, the project completeness exceeds the project completeness goal of 90%. See Table 3-3 for a summary of project completeness.

### 3.4 Data Usability

The overall quality of the CC-RVAAP-73 Facility-Wide Coal Storage Remedial Investigation (RI) information meets or exceeds the established project objectives. Through proper implementation of the project data verification and assessment process, 98.74% of the project information has been determined to be acceptable for use.

Data are usable as qualified J, U, or UJ. Select SVOCs (benzoic acid, hexachlorocyclopentadiene, 3,3'-dichlorobenzidine, 3-nitroaniline, and 4-chloroaniline) were qualified as R due to LCS or MS recoveries below 10%, as noted in Section 3.2. See Tables 2-6 and 2-7 for sample results rejected due to LCS or MS recoveries, respectively.

Data that have been estimated provide indications of either accuracy, precision, or sensitivity being less than desired but adequate for interpretation. All undetected analytes were reported at detection levels that were adequate for use during data interpretation and statistical applications. Qualifiers have been applied to data as appropriate. All results with final qualifiers are presented in Appendix G.

Data produced for this project demonstrate they can withstand scientific scrutiny; are appropriate for its intended purpose; are technically defensible; and are of known and acceptable sensitivity, precision, and accuracy. Data integrity has been documented through proper implementation of QA and QC measures. A third-party QA data validation report was completed, which is in general concurrence with the data verification findings, and that report is provided in Appendix H. Select analytes had reporting limits greater than FWQAPP requirements, as documented in the DVRWs, but the data with elevated limits are still usable. The environmental information presented has an established confidence that allows utilization for the project objectives and provides data for future needs.



**Table 3-1: Field Completeness Summary<sup>1</sup>**

	VOC	SVOC	TAL Metals	PCB	Pesticides	Explosives	Propellants <sup>2</sup>
Collected Field Samples	5	41 <sup>(4)</sup>	41 <sup>(4)</sup>	5	5	5	5
Planned Field Samples <sup>3</sup>	5	35	35	5	5	5	5
% Complete	100.00	117.1	117.1	100.00	100.00	100.00	100.00

**Table 3-2: Analytical Completeness Summary**

	VOC	SVOC	TAL Metals	PCB	Pesticides	Explosives	Propellants <sup>2</sup>
Valid Analytes	175	2655	943	35	105	80	10
Collected Analytes	175	2706	943	35	105	80	10
% Complete	100.00	98.1	100.00	100.00	100.00	100.00	100.00

**Table 3-3: Project Completeness Summary**

	VOC	SVOC	TAL Metals	PCB	Pesticides	Explosives	Propellants <sup>2</sup>
Valid Analytes	175	2655	943	35	105	80	10
Planned Analytes	175	2310	805	35	105	80	10
% Complete	100.00	115.0	117.1	100.00	100.00	100.00	100.00

Notes for Table 3-1, 3-2, and 3-3:

- 1) Only field samples are included in completeness tally
- 2) Nitroglycerin counted for completeness as an explosive
- 3) Field samples from North Line Coal Tipple, Sand Creek Coal Tipple and Building U-16 Boiler House
- 4) Three extra sediment and surface water samples were collected

VOC = Volatile Organic Compound  
 SVOC = Semi-volatile Organic Compound  
 PCB = Polychlorinated Biphenyl  
 TAL = Target Analyte List  
 Propellants include nitroguanidine, nitrocellulose, and nitroglycerin.

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#### 4.0 REFERENCES

ECC, 2012. *Final Quality Assurance Project Plan for Site Inspections and Remedial Investigations at Compliance Restoration Sites Revision 0 Ravenna Army Ammunition Plant Ravenna, Ohio*, Revision 0. July.

Science Applications International Corporation (SAIC), 2010. *Final Facility-Wide Human Health Cleanup Goals for the Ravenna Army Ammunition Plant Ravenna, Ohio, Revision 0*. March.

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United States Department of Defense (DoD), 2009. *Final Quality Systems Manual for Environmental Laboratories*, Environmental Data Quality Workgroup, Final Version 4.1. April.

United States Army Corp of Engineers (USACE), 2007 *Louisville DoD QSM Supplement Version 1*. Final, March.

United States Environmental Protection Agency (USEPA), 2008. *Final Contract Laboratory Program National Functional Guidelines for Superfund Organic Data Review*, EPA-540/R-08-01. June.

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**WORKSHEETS AND ATTACHMENTS**  
**(Note – To be provided on disc only)**

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**WORKSHEET 1**

**Automated Data Review Summary for 240-17422-1**

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**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Facility:** Ravenna Army Ammunition Plant

**Event:** Fall 2012 SI/RI Sampling

**Guidance Document:** Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

**Contract Laboratory:** TestAmerica, Inc., North Canton, OH

**Field Contractor:** Environmental Chemical Corporation, Otis Ang Base, MA

**Data Review Contractor:** ECC

**SDG:** 240-17422-1\_CC73, Certified - 4/12/2013 by frederickroche

**QC Level:** ADR

**Project Manager:**

**Data Reviewer:** Samir A. Naguib

**Data Reviewer Title:** Sr. QA Chemist

**Date of Review Report:** April 17, 2013

**Samples Included in SDG 240-17422-1\_CC73**

<b>Analytical Method/ Leach Method</b>	<b>Normal Soil Samples</b>	<b>Normal Water Samples</b>	<b>Field QC Soil Samples</b>	<b>Field QC Water Samples</b>
E353.2/NONE	1		1	
SW6020/NONE	3		1	
SW7471A/NONE	3		1	
SW8081/NONE	1		1	
SW8082/NONE	1		1	
SW8260B/NONE	1	1	1	0
SW8270C/NONE	3		1	

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

<b>Analytical Method/ Leach Method</b>	<b>Normal Soil Samples</b>	<b>Normal Water Samples</b>	<b>Field QC Soil Samples</b>	<b>Field QC Water Samples</b>
SW8330B/NONE	1		1	

## AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-17422-1\_CC73. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Field Duplicate RPD

MS Recovery

MS RPD

Prep Hold Time

Surrogate

Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Ambient Blank

Blank

Blank - Negative

Calibration Blank

Calibration Blank - Negative

Continuing Calibration Verification

Equipment Blank

Field Blank

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

Initial Calibration Verification

Lab Replicate RPD

LCS Recovery

LCS RPD

Material Blank

Trip Blank

## AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

**Batch** – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

**QC Outlier** – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

**Qualified Results** – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

**Rejected Results** – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

**Field Duplicates** – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

**Data Submission Warnings** – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 27 results (4.87%) out of the 554 results (sample and field QC samples) reported are qualified based on review and 5 results (0.90%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

### Narrative Comments

Analytical Method	Comment
E353.2	
SW6020	

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

SW7471A	
SW8081	
SW8082	
SW8260B	
SW8270C	
SW8330B	

17-Apr-2013

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Reviewed by Samir A. Naguib, Sr. QA Chemist

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reason and Comment Code Definitions**

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

## AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73

### Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.



## AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Batch Report**

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6863	6824	NA	73-SCCT-DU1-SS	SO	073SS-0002M-0001-SO	240-17422-5		1/1	08-Nov-2012 11:00 AM	04-Dec-2012 7:05 AM	04-Dec-2012 2:32 PM	FD
	6824	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	04-Dec-2012 7:05 AM	04-Dec-2012 2:34 PM	N
	6824	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	04-Dec-2012 7:05 AM	04-Dec-2012 2:36 PM	MS
	6824	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	04-Dec-2012 7:05 AM	04-Dec-2012 2:38 PM	SD

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66205	65198	NA	73-RHCS-DU1-SS	SO	073SS-0001M-0001-SO	240-17422-4		1/1	08-Nov-2012 9:15 AM	15-Nov-2012 12:19 PM	23-Nov-2012 4:33 PM	N
	65198	NA	73-SCCT-DU1-SS	SO	073SS-0002M-0001-SO	240-17422-5		1/1	08-Nov-2012 11:00 AM	15-Nov-2012 12:19 PM	23-Nov-2012 4:38 PM	FD
	65198	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	15-Nov-2012 12:19 PM	23-Nov-2012 4:43 PM	N
	65198	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	15-Nov-2012 12:19 PM	23-Nov-2012 4:48 PM	MS
	65198	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	15-Nov-2012 12:19 PM	23-Nov-2012 4:53 PM	SD
	65198	NA	73-NLCT-DU1-SS	SO	073SS-0005M-0001-SO	240-17422-8		1/10	08-Nov-2012 10:30 AM	15-Nov-2012 12:19 PM	23-Nov-2012 5:18 PM	N
66869	65198	NA	73-RHCS-DU1-SS	SO	073SS-0001M-0001-SO	240-17422-4		2/5	08-Nov-2012 9:15 AM	15-Nov-2012 12:19 PM	30-Nov-2012 5:50 AM	N

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
65450	65204	NA	73-RHCS-DU1-SS	SO	073SS-0001M-0001-SO	240-17422-4		1/1	08-Nov-2012 9:15 AM	15-Nov-2012 2:40 PM	16-Nov-2012 7:16 PM	N
	65204	NA	73-SCCT-DU1-SS	SO	073SS-0002M-0001-SO	240-17422-5		1/1	08-Nov-2012 11:00 AM	15-Nov-2012 2:40 PM	16-Nov-2012 7:21 PM	FD
	65204	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	15-Nov-2012 2:40 PM	16-Nov-2012 7:22 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Batch Report**

**Test Method: SW7471A; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
65450	65204	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	15-Nov-2012 2:40 PM	16-Nov-2012 7:24 PM	MS
	65204	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	15-Nov-2012 2:40 PM	16-Nov-2012 7:26 PM	SD
	65204	NA	73-NLCT-DU1-SS	SO	073SS-0005M-0001-SO	240-17422-8		1/1	08-Nov-2012 10:30 AM	15-Nov-2012 2:40 PM	16-Nov-2012 7:29 PM	N

**Test Method: SW8081; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66500	65501	NA	73-SCCT-DU1-SS	SO	073SS-0002M-0001-SO	240-17422-5		1/20	08-Nov-2012 11:00 AM	18-Nov-2012 11:23 AM	28-Nov-2012 12:24 PM	FD
	65501	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/20	08-Nov-2012 11:00 AM	18-Nov-2012 11:23 AM	28-Nov-2012 12:48 PM	N
	65501	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/20	08-Nov-2012 11:00 AM	18-Nov-2012 11:23 AM	28-Nov-2012 12:48 PM	MS
	65501	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/20	08-Nov-2012 11:00 AM	18-Nov-2012 11:23 AM	28-Nov-2012 12:48 PM	SD
	65501	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/20	08-Nov-2012 11:00 AM	18-Nov-2012 11:23 AM	28-Nov-2012 1:16 PM	N
	65501	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/20	08-Nov-2012 11:00 AM	18-Nov-2012 11:23 AM	28-Nov-2012 1:16 PM	MS
	65501	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/20	08-Nov-2012 11:00 AM	18-Nov-2012 11:23 AM	28-Nov-2012 1:16 PM	SD
	65501	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/20	08-Nov-2012 11:00 AM	18-Nov-2012 11:23 AM	28-Nov-2012 1:44 PM	N
	65501	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/20	08-Nov-2012 11:00 AM	18-Nov-2012 11:23 AM	28-Nov-2012 1:44 PM	MS
	65501	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/20	08-Nov-2012 11:00 AM	18-Nov-2012 11:23 AM	28-Nov-2012 1:44 PM	SD

**Test Method: SW8082; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
65860	65499	NA	73-SCCT-DU1-SS	SO	073SS-0002M-0001-SO	240-17422-5		1/1	08-Nov-2012 11:00 AM	18-Nov-2012 11:16 AM	21-Nov-2012 11:40 AM	FD

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Batch Report**

**Test Method: SW8082; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
65860	65499	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	18-Nov-2012 11:16 AM	21-Nov-2012 11:55 AM	N
	65499	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	18-Nov-2012 11:16 AM	21-Nov-2012 11:55 AM	MS
	65499	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	18-Nov-2012 11:16 AM	21-Nov-2012 12:10 PM	N
	65499	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	18-Nov-2012 11:16 AM	21-Nov-2012 12:10 PM	MS
	65499	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	18-Nov-2012 11:16 AM	21-Nov-2012 12:25 PM	SD

**Test Method: SW8260B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
64980	64955	NA	73-SCCT-DU1-SS	SO	073SS-0002M-0001-SO	240-17422-5		1/1	08-Nov-2012 11:00 AM	09-Nov-2012 10:00 AM	14-Nov-2012 10:59 PM	FD
65171	64955	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	09-Nov-2012 10:00 AM	15-Nov-2012 4:39 PM	N
	64955	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	09-Nov-2012 10:00 AM	15-Nov-2012 4:39 PM	MS
	64955	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	09-Nov-2012 10:00 AM	15-Nov-2012 5:01 PM	N
	64955	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	09-Nov-2012 10:00 AM	15-Nov-2012 5:01 PM	MS
	64955	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	09-Nov-2012 10:00 AM	15-Nov-2012 5:01 PM	SD
	64955	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	09-Nov-2012 10:00 AM	15-Nov-2012 5:22 PM	MS
	64955	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	09-Nov-2012 10:00 AM	15-Nov-2012 5:22 PM	SD
64831	64831	NA	73-NLCT-DU1-SS	WG	073SS-0006-0001-SO	240-17422-16		1/1	08-Nov-2012 7:00 AM	13-Nov-2012 2:20 PM	13-Nov-2012 2:20 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Batch Report**

**Test Method: SW8270C; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66246	65764	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 12:02 PM	N
	65764	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 12:02 PM	MS
	65764	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 12:26 PM	MS
	65764	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 12:26 PM	N
	65764	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 12:26 PM	MS
	65764	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 12:26 PM	SD
	65764	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 12:49 PM	N
	65764	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 12:49 PM	SD
	65764	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 12:49 PM	MS
	65764	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 12:49 PM	SD
	65764	NA	73-RHCS-DU1-SS	SO	073SS-0001M-0001-SO	240-17422-4		1/4	08-Nov-2012 9:15 AM	20-Nov-2012 11:32 AM	26-Nov-2012 2:45 PM	N
	65764	NA	73-SCCT-DU1-SS	SO	073SS-0002M-0001-SO	240-17422-5		1/4	08-Nov-2012 11:00 AM	20-Nov-2012 11:32 AM	26-Nov-2012 3:08 PM	FD
	65764	NA	73-NLCT-DU1-SS	SO	073SS-0005M-0001-SO	240-17422-8		1/10	08-Nov-2012 10:30 AM	20-Nov-2012 11:32 AM	26-Nov-2012 3:55 PM	N

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6177	6026	NA	73-SCCT-DU1-SS	SO	073SS-0002M-0001-SO	240-17422-5		1/1	08-Nov-2012 11:00 AM	16-Nov-2012 10:48 AM	21-Nov-2012 2:34 PM	FD
6234	6026	NA	73-SCCT-DU1-SS	SO	073SS-0002M-0001-SO	240-17422-5		2/1	08-Nov-2012 11:00 AM	16-Nov-2012 10:48 AM	22-Nov-2012 9:16 AM	FD
6177	6026	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0001-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	16-Nov-2012 11:07 AM	21-Nov-2012 3:15 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Batch Report**

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6177	6026	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	16-Nov-2012 11:11 AM	21-Nov-2012 3:55 PM	MS
	6026	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	16-Nov-2012 11:11 AM	21-Nov-2012 3:55 PM	SD
	6026	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	16-Nov-2012 11:11 AM	21-Nov-2012 4:35 PM	MS
	6026	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		1/1	08-Nov-2012 11:00 AM	16-Nov-2012 11:11 AM	21-Nov-2012 4:35 PM	SD
6340	6035	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		2/1	08-Nov-2012 11:00 AM	16-Nov-2012 11:29 AM	26-Nov-2012 6:43 PM	SD
	6035	NA	73-SCCT-DU1-SS	SO	073SS-0003M-0002-SO	240-17422-6		2/1	08-Nov-2012 11:00 AM	16-Nov-2012 11:29 AM	26-Nov-2012 6:57 PM	MS

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Field Batch Report**

**--No Records Found--**

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
E353.2 / METHOD/NONE	Test Hold Time	073SS-0002M-0001-SO (FD) / 240-17422-5	1 / 1.00	Nitrocellulose	26.2 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	073SS-0003M-0001-SO (N) / 240-17422-6	1 / 1.00	Nitrocellulose	26.2 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
SW7471A / TOTAL/NONE	MS Recovery	073SS-0003M-0002-SO (MS) / 240-17422-6	1 / 1.00	Mercury	0.0000 (PERCENT)	J/R	80 - 120	30 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	073SS-0003M-0002-SO (MS) / 240-17422-6	1 / 20.00	beta-BHC (beta-Hexachlorocyclohexane)	-118 (PERCENT)	J/R	60 - 125	20 - 125	M	Spike amount Insignificant	4.00	
SW8081 / SW3540C/NONE	MS Recovery	073SS-0003M-0002-SO (SD) / 240-17422-6	1 / 20.00	beta-BHC (beta-Hexachlorocyclohexane)	-135 (PERCENT)	J/R	60 - 125	20 - 125	M	Spike amount Insignificant	4.00	
SW8081 / SW3540C/NONE	MS Recovery	073SS-0003M-0002-SO (MS) / 240-17422-6	1 / 20.00	beta-Endosulfan	23.2 (PERCENT)	J/UJ	35 - 140	20 - 140	M	Spike amount Insignificant	4.00	
SW8081 / SW3540C/NONE	MS Recovery	073SS-0003M-0002-SO (MS) / 240-17422-6	1 / 20.00	Heptachlor Epoxide	-25.7 (PERCENT)	J/R	65 - 130	20 - 130	M	Spike amount Insignificant	4.00	
SW8082 / SW3540C/NONE	MS Recovery	073SS-0003M-0002-SO (SD) / 240-17422-6	1 / 1.00	PCB-1260 (Arochlor 1260)	169 (PERCENT)	J/None	60 - 130	20 - 130	M			
SW8082 / SW3540C/NONE	MS Recovery	073SS-0003M-0002-SO (MS) / 240-17422-6	1 / 1.00	PCB-1260 (Arochlor 1260)	56.5 (PERCENT)	J/UJ	60 - 130	20 - 130	M			
SW8260B / SW5035/NONE	MS Recovery	073SS-0003M-0002-SO (MS) / 240-17422-6	1 / 1.00	1,1,2,2-Tetrachloroethane	152 (PERCENT)	J/None	55 - 130	20 - 130	M			
SW8260B / SW5035/NONE	MS Recovery	073SS-0003M-0002-SO (MS) / 240-17422-6	1 / 1.00	4-Methyl-2-pentanone (MIBK)	146 (PERCENT)	J/None	45 - 145	20 - 145	M			
SW8260B / SW5035/NONE	MS Recovery	073SS-0003M-0002-SO (SD) / 240-17422-6	1 / 1.00	Chlorobenzene	72.1 (PERCENT)	J/UJ	75 - 125	20 - 125	M			
SW8260B / SW5035/NONE	MS Recovery	073SS-0003M-0002-SO (SD) / 240-17422-6	1 / 1.00	Styrene	67.0 (PERCENT)	J/UJ	75 - 125	20 - 125	M			
SW8260B / SW5035/NONE	MS Recovery	073SS-0003M-0002-SO (MS) / 240-17422-6	1 / 1.00	Styrene	69.9 (PERCENT)	J/UJ	75 - 125	20 - 125	M			
SW8260B / SW5035/NONE	Surrogate	073SS-0002M-0001-SO (FD) / 240-17422-5	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	123 (PERCENT)	J/None	85 - 120	10 - 120	I			
SW8270C / SW3550/NONE	MS Recovery	073SS-0003M-0002-SO (MS) / 240-17422-6	1 / 1.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M			
SW8270C / SW3550/NONE	MS Recovery	073SS-0003M-0002-SO (SD) / 240-17422-6	1 / 1.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M			
SW8270C / SW3550/NONE	MS Recovery	073SS-0003M-0002-SO (MS) / 240-17422-6	1 / 1.00	4-Nitroaniline	32.0 (PERCENT)	J/UJ	35 - 115	35 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	073SS-0003M-0002-SO (SD) / 240-17422-6	1 / 1.00	4-Nitroaniline	33.2 (PERCENT)	J/UJ	35 - 115	35 - 115	M			



**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	073SS-0003M-0002-SO (SD) / 240-17422-6	1 / 1.00	Naphthalene	-4.7 (PERCENT)	J/UJ	40 - 105	40 - 105	M			
SW8270C / SW3550/NONE	MS Recovery	073SS-0003M-0002-SO (SD) / 240-17422-6	1 / 1.00	Pyrene	-7.7 (PERCENT)	J/UJ	45 - 125	45 - 125	M			

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
E353.2/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Nitrocellulose	47.0	47.0	47.0 UJ	-	MG/KG	H1
E353.2/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Nitrocellulose	48.0	48.0	48.0 UJ	-	MG/KG	H1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Antimony	0.18	0.19	0.19 J		MG/KG	M
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Silver	0.089	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Sodium	89.0	81.0	81.0 J		MG/KG	TR
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Antimony	0.17	0.087	0.087 J		MG/KG	TR/M
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Sodium	84.0	42.0	42.0 J		MG/KG	TR
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Thallium	0.17	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Antimony	0.19	0.098	0.098 J		MG/KG	TR/M
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Selenium	0.47	0.44	0.44 J		MG/KG	TR
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Sodium	94.0	40.0	40.0 J		MG/KG	TR
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Thallium	0.19	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Antimony	1.7	1.7	1.7 UJ		MG/KG	M
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Cadmium	1.7	0.61	0.61 J		MG/KG	TR
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Selenium	4.3	2.3	2.3 J		MG/KG	TR
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Sodium	870	410	410 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Mercury	0.095	0.051	0.095 U	+	MG/KG	L
SW7471A/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Mercury	0.095	0.053	0.095 U	+	MG/KG	L
SW7471A/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Mercury	0.10	0.093	0.10 U	+	MG/KG	L
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Toxaphene	1400	1400	1400 UJ		UG/KG	V1
SW8081/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	beta-BHC (beta-Hexachlorocyclohexane)	71.0	140	71.0 U		UG/KG	P1
SW8081/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Toxaphene	1400	1400	1400 UJ		UG/KG	V1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	PCB-1260 (Arochlor 1260)	56.0	56.0	56.0 UJ		UG/KG	M/D

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	1,1,2,2-Tetrachloroethane	6.7	6.7	6.7 UJ		UG/KG	S
SW8260B/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Toluene	6.7	0.52	0.52 J	+	UG/KG	I/TR
SW8260B/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Carbon Disulfide	7.5	1.3	1.3 J		UG/KG	TR
SW8260B/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Chlorobenzene	7.5	7.5	7.5 UJ	-	UG/KG	M
SW8260B/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Styrene	7.5	7.5	7.5 UJ	-	UG/KG	M
SW8260B/NONE	WG	073SS-0006-0001-SO	240-17422-16	N	Chloromethane	1.0	0.30	0.30 J		UG/L	TR/J
SW8260B/NONE	WG	073SS-0006-0001-SO	240-17422-16	N	Methylene Chloride	1.0	0.41	1.0 U	+	UG/L	L
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	1,2-Dichlorobenzene	200	70.0	70.0 J		UG/KG	TR
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Anthracene	26.0	14.0	14.0 J		UG/KG	TR
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Benzo(k)fluoranthene	26.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Benzoic acid	2600	2600	2600 R		UG/KG	c
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Dibenzofuran	200	86.0	86.0 J		UG/KG	TR
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Fluorene	26.0	15.0	15.0 J		UG/KG	TR
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Benzo(k)fluoranthene	27.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Benzoic acid	2700	2700	2700 R		UG/KG	c
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Dibenzofuran	200	23.0	23.0 J		UG/KG	TR
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	3,3'-Dichlorobenzidine	100	100	100 R	-	UG/KG	M
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	4-Nitroaniline	200	200	200 UJ	-	UG/KG	M
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Acenaphthylene	6.8	6.6	6.6 J		UG/KG	TR
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Benzoic acid	670	670	670 R		UG/KG	c/m
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	bis(2-Ethylhexyl) Phthalate	51.0	34.0	51.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Dibenzofuran	51.0	15.0	15.0 J		UG/KG	TR
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Benzoic acid	6600	6600	6600 R		UG/KG	c
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8330B/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Tetryl	0.25	0.016	0.25 U		MG/KG	P1
SW8330B/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Tetryl	0.25	0.024	0.024 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Silver	0.089	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Aluminum	8.9	9600	9600	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Arsenic	0.45	18.0	18.0	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Barium	0.45	64.0	64.0	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Beryllium	0.089	0.62	0.62	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Calcium	180	6900	6900	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Cadmium	0.18	0.26	0.26	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Cobalt	0.089	9.2	9.2	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Chromium	0.45	20.0	20.0	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Copper	0.36	24.0	24.0	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Iron	220	29000	29000	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Potassium	89.0	1200	1200	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Magnesium	89.0	3300	3300	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Manganese	0.45	430	430	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Sodium	89.0	81.0	81.0 J	MG/KG	TR
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Nickel	0.45	28.0	28.0	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Lead	0.27	35.0	35.0	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Antimony	0.18	0.19	0.19 J	MG/KG	M
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Selenium	0.45	0.81	0.81	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Thallium	0.18	0.19	0.19	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Vanadium	0.45	16.0	16.0	MG/KG	
SW6020/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Zinc	3.6	110	110	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Silver	0.084	0.38	0.38	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Aluminum	8.4	6900	6900	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Arsenic	0.42	9.4	9.4	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Barium	0.42	48.0	48.0	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Beryllium	0.084	0.49	0.49	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Calcium	170	4400	4400	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Cadmium	0.17	0.22	0.22	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Cobalt	0.084	6.8	6.8	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Chromium	0.42	19.0	19.0	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Copper	0.34	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Iron	42.0	17000	17000	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Potassium	84.0	950	950	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Magnesium	84.0	2300	2300	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Manganese	0.42	380	380	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Sodium	84.0	42.0	42.0 J	MG/KG	TR
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Nickel	0.42	22.0	22.0	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Lead	0.25	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Antimony	0.17	0.087	0.087 J	MG/KG	TR/M
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Selenium	0.42	0.47	0.47	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Thallium	0.17	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Vanadium	0.42	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Zinc	3.4	64.0	64.0	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Silver	0.094	0.44	0.44	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Aluminum	9.4	6600	6600	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Arsenic	0.47	9.7	9.7	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Barium	0.47	49.0	49.0	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Beryllium	0.094	0.47	0.47	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Calcium	190	4700	4700	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Cadmium	0.19	0.21	0.21	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Cobalt	0.094	7.1	7.1	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Chromium	0.47	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Copper	0.38	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Iron	47.0	18000	18000	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Potassium	94.0	840	840	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Magnesium	94.0	2300	2300	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Manganese	0.47	410	410	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Sodium	94.0	40.0	40.0 J	MG/KG	TR
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Nickel	0.47	22.0	22.0	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Lead	0.28	15.0	15.0	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Antimony	0.19	0.098	0.098 J	MG/KG	TR/M
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Selenium	0.47	0.44	0.44 J	MG/KG	TR
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Thallium	0.19	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Vanadium	0.47	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Zinc	3.8	64.0	64.0	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Aluminum	87.0	16000	16000	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Arsenic	4.3	28.0	28.0	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Barium	4.3	160	160	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Beryllium	0.87	3.3	3.3	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Calcium	1700	62000	62000	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Cadmium	1.7	0.61	0.61 J	MG/KG	TR
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Cobalt	0.87	8.7	8.7	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Chromium	4.3	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Copper	3.5	16.0	16.0	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Iron	430	16000	16000	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Potassium	870	1000	1000	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Magnesium	870	9800	9800	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Manganese	4.3	1900	1900	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Sodium	870	410	410 J	MG/KG	TR
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Nickel	4.3	24.0	24.0	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Lead	2.6	26.0	26.0	MG/KG	
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Selenium	4.3	2.3	2.3 J	MG/KG	TR
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Vanadium	4.3	6.5	6.5	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Zinc	35.0	99.0	99.0	MG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Mercury	0.086	0.19	0.19	MG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Toluene	6.7	0.52	0.52 J +	UG/KG	I/TR
SW8260B/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Carbon Disulfide	7.5	1.3	1.3 J	UG/KG	TR
SW8260B/NONE	WG	073SS-0006-0001-SO	240-17422-16	N	Chloromethane	1.0	0.30	0.30 J	UG/L	TR/J
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Anthracene	26.0	14.0	14.0 J	UG/KG	TR
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Benzo(a)anthracene	26.0	66.0	66.0	UG/KG	
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Benzo(a)pyrene	26.0	88.0	88.0	UG/KG	
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Benzo(b)fluoranthene	26.0	110	110	UG/KG	
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Benzo(g,h,i)perylene	26.0	41.0	41.0	UG/KG	
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Benzo(k)fluoranthene	26.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Chrysene	26.0	89.0	89.0	UG/KG	
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Dibenzofuran	200	86.0	86.0 J	UG/KG	TR
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	1,2-Dichlorobenzene	200	70.0	70.0 J	UG/KG	TR
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Fluorene	26.0	15.0	15.0 J	UG/KG	TR
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Fluoranthene	26.0	110	110	UG/KG	
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Indeno(1,2,3-c,d)pyrene	26.0	54.0	54.0	UG/KG	
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	2-Methylnaphthalene	26.0	380	380	UG/KG	
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Naphthalene	26.0	260	260	UG/KG	
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Phenanthrene	26.0	170	170	UG/KG	
SW8270C/NONE	SO	073SS-0001M-0001-SO	240-17422-4	N	Pyrene	26.0	98.0	98.0	UG/KG	
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Benzo(a)anthracene	27.0	52.0	52.0	UG/KG	
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Benzo(a)pyrene	27.0	87.0	87.0	UG/KG	
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Benzo(b)fluoranthene	27.0	120	120	UG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Benzo(g,h,i)perylene	27.0	29.0	29.0	UG/KG	
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Benzo(k)fluoranthene	27.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Chrysene	27.0	80.0	80.0	UG/KG	
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Dibenzofuran	200	23.0	23.0 J	UG/KG	TR
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Fluoranthene	27.0	99.0	99.0	UG/KG	
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Indeno(1,2,3-c,d)pyrene	27.0	54.0	54.0	UG/KG	
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	2-Methylnaphthalene	27.0	90.0	90.0	UG/KG	
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Naphthalene	27.0	63.0	63.0	UG/KG	
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Phenanthrene	27.0	61.0	61.0	UG/KG	
SW8270C/NONE	SO	073SS-0002M-0001-SO	240-17422-5	FD	Pyrene	27.0	78.0	78.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Acenaphthylene	6.8	6.6	6.6 J	UG/KG	TR
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Anthracene	6.8	16.0	16.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Benzo(a)anthracene	6.8	57.0	57.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Benzo(a)pyrene	6.8	65.0	65.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Benzo(b)fluoranthene	6.8	110	110	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Benzo(g,h,i)perylene	6.8	47.0	47.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Benzo(k)fluoranthene	6.8	29.0	29.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Chrysene	6.8	71.0	71.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Dibenzofuran	51.0	15.0	15.0 J	UG/KG	TR
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Fluorene	6.8	8.5	8.5	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Fluoranthene	6.8	120	120	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Indeno(1,2,3-c,d)pyrene	6.8	46.0	46.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	2-Methylnaphthalene	6.8	62.0	62.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Naphthalene	6.6	435	49.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Phenanthrene	6.8	71.0	71.0	UG/KG	
SW8270C/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Pyrene	6.6	526	88.0	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Acenaphthene	67.0	240	240	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Acenaphthylene	67.0	160	160	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Anthracene	67.0	300	300	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Benzo(a)anthracene	67.0	730	730	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Benzo(a)pyrene	67.0	570	570	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Benzo(b)fluoranthene	67.0	670	670	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Benzo(g,h,i)perylene	67.0	160	160	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Benzo(k)fluoranthene	67.0	190	190	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Chrysene	67.0	1000	1000	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Dibenzofuran	500	2500	2500	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Fluoranthene	67.0	860	860	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Indeno(1,2,3-c,d)pyrene	67.0	140	140	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	2-Methylnaphthalene	67.0	9100	9100	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Naphthalene	67.0	4600	4600	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Phenanthrene	67.0	5500	5500	UG/KG	
SW8270C/NONE	SO	073SS-0005M-0001-SO	240-17422-8	N	Pyrene	67.0	1000	1000	UG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8330B/NONE	SO	073SS-0003M-0001-SO	240-17422-6	N	Tetryl	0.25	0.024	0.024 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Rejected Results**

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SS-0001M-0001-SO	N	Benzoic acid	2600	2600	R	UG/KG	c
SW8270C/NONE	SO	073SS-0002M-0001-SO	FD	Benzoic acid	2700	2700	R	UG/KG	c
SW8270C/NONE	SO	073SS-0003M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	c/m
SW8270C/NONE	SO	073SS-0003M-0001-SO	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	M
SW8270C/NONE	SO	073SS-0005M-0001-SO	N	Benzoic acid	6600	6600	R	UG/KG	c

## AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73

### Anomalies Count

SDG Name: 240-17422-1\_CC73

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	2	2
SW6020/SW3050B/NONE	4	43
SW8081/SW3540C/NONE	2	42
SW8082/SW3540C/NONE	2	14
SW8260B/SW5035/NONE	2	72
SW8270C/SW3550/NONE	4	107

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reporting Anomalies**

SDG Name: 240-17422-1\_CC73

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	073SS-0002M-0001-SO	FD	1	Nitrocellulose	47 UJ	7.4	47	5	MG/KG
E353.2/NONE	073SS-0003M-0001-SO	N	1	Nitrocellulose	48 UJ	7.4	48	5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	073SS-0001M-0001-SO	N	1	Cadmium	0.26	0.0028	0.18	0.1	MG/KG
SW6020/NONE	073SS-0001M-0001-SO	N	1	Calcium	6900	36	180	10	MG/KG
SW6020/NONE	073SS-0001M-0001-SO	N	5	Iron	29000	49	220	10	MG/KG
SW6020/NONE	073SS-0001M-0001-SO	N	1	Magnesium	3300	7.9	89	10	MG/KG
SW6020/NONE	073SS-0001M-0001-SO	N	1	Potassium	1200	3.4	89	20	MG/KG
SW6020/NONE	073SS-0001M-0001-SO	N	1	Sodium	81 J	13	89	20	MG/KG
SW6020/NONE	073SS-0001M-0001-SO	N	1	Zinc	110	0.89	3.6	1	MG/KG
SW6020/NONE	073SS-0002M-0001-SO	FD	1	Cadmium	0.22	0.0026	0.17	0.1	MG/KG
SW6020/NONE	073SS-0002M-0001-SO	FD	1	Calcium	4400	34	170	10	MG/KG
SW6020/NONE	073SS-0002M-0001-SO	FD	1	Iron	17000	9.2	42	10	MG/KG
SW6020/NONE	073SS-0002M-0001-SO	FD	1	Magnesium	2300	7.5	84	10	MG/KG
SW6020/NONE	073SS-0002M-0001-SO	FD	1	Potassium	950	3.2	84	20	MG/KG
SW6020/NONE	073SS-0002M-0001-SO	FD	1	Sodium	42 J	12	84	20	MG/KG
SW6020/NONE	073SS-0002M-0001-SO	FD	1	Zinc	64	0.84	3.4	1	MG/KG
SW6020/NONE	073SS-0003M-0001-SO	N	1	Cadmium	0.21	0.0029	0.19	0.1	MG/KG
SW6020/NONE	073SS-0003M-0001-SO	N	1	Calcium	4700	38	190	10	MG/KG
SW6020/NONE	073SS-0003M-0001-SO	N	1	Iron	18000	10	47	10	MG/KG
SW6020/NONE	073SS-0003M-0001-SO	N	1	Magnesium	2300	8.4	94	10	MG/KG
SW6020/NONE	073SS-0003M-0001-SO	N	1	Potassium	840	3.5	94	20	MG/KG
SW6020/NONE	073SS-0003M-0001-SO	N	1	Sodium	40 J	13	94	20	MG/KG
SW6020/NONE	073SS-0003M-0001-SO	N	1	Zinc	64	0.94	3.8	1	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Aluminum	16000	22	87	10	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Antimony	1.7 UJ	0.54	1.7	0.5	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Arsenic	28	0.45	4.3	0.5	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Barium	160	1.1	4.3	1	MG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reporting Anomalies**

SDG Name: 240-17422-1\_CC73

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	073SS-0005M-0001-SO	N	10	Beryllium	3.3	0.03	0.87	0.1	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Cadmium	0.61 J	0.027	1.7	0.1	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Calcium	62000	350	1700	10	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Chromium	13	1.4	4.3	0.5	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Cobalt	8.7	0.039	0.87	0.5	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Copper	16	0.96	3.5	0.5	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Iron	16000	95	430	10	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Lead	26	0.61	2.6	0.3	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Magnesium	9800	77	870	10	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Manganese	1900	1.4	4.3	1	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Nickel	24	0.75	4.3	1	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Potassium	1000	33	870	20	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Selenium	2.3 J	0.18	4.3	0.5	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Silver	0.87 U	0.14	0.87	0.5	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Sodium	410 J	120	870	20	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Thallium	1.7 U	0.49	1.7	0.2	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Vanadium	6.5	0.38	4.3	1	MG/KG
SW6020/NONE	073SS-0005M-0001-SO	N	10	Zinc	99	8.7	35	1	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	073SS-0002M-0001-SO	FD	20	Aldrin	81 U	24	81	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	alpha-BHC (alpha-Hexachlorocyclohexane)	51 U	15	51	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	alpha-Chlordane	61 U	19	61	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	alpha-Endosulfan	35 U	11	35	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	beta-BHC (beta-Hexachlorocyclohexane)	71 U	22	71	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	beta-Endosulfan	51 U	17	51	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	delta-BHC (delta-Hexachlorocyclohexane)	81 U	24	81	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	Dieldrin	35 U	9.5	35	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	Endosulfan Sulfate	61 U	18	61	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	Endrin	35 U	10	35	1.7	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reporting Anomalies**

SDG Name: 240-17422-1\_CC73

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	073SS-0002M-0001-SO	FD	20	Endrin Aldehyde	61 U	20	61	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	Endrin Ketone	41 U	13	41	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	gamma-BHC (Lindane)	51 U	15	51	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	gamma-Chlordane	35 U	8.5	35	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	Heptachlor	71 U	22	71	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	Heptachlor Epoxide	51 U	16	51	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	Methoxychlor	100 U	30	100	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	p,p'-DDD	41 U	13	41	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	p,p'-DDE	35 U	7.9	35	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	p,p'-DDT	41 U	13	41	1.7	UG/KG
SW8081/NONE	073SS-0002M-0001-SO	FD	20	Toxaphene	1400 UJ	390	1400	170	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	Aldrin	81 U	24	81	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	alpha-BHC (alpha-Hexachlorocyclohexane)	51 U	15	51	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	alpha-Chlordane	61 U	19	61	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	alpha-Endosulfan	34 U	11	34	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	beta-BHC (beta-Hexachlorocyclohexane)	71 U	22	71	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	beta-Endosulfan	50 U	16	50	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	delta-BHC (delta-Hexachlorocyclohexane)	81 U	24	81	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	Dieldrin	34 U	9.5	34	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	Endosulfan Sulfate	61 U	18	61	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	Endrin	34 U	10	34	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	Endrin Aldehyde	61 U	20	61	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	Endrin Ketone	40 U	13	40	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	gamma-BHC (Lindane)	51 U	15	51	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	gamma-Chlordane	34 U	8.5	34	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	Heptachlor	71 U	22	71	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	Heptachlor Epoxide	50 U	16	50	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	Methoxychlor	100 U	30	100	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	p,p'-DDD	40 U	12	40	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reporting Anomalies**

SDG Name: 240-17422-1\_CC73

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	073SS-0003M-0001-SO	N	20	p,p'-DDE	34 U	7.9	34	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	p,p'-DDT	40 U	13	40	1.7	UG/KG
SW8081/NONE	073SS-0003M-0001-SO	N	20	Toxaphene	1400 UJ	380	1400	170	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	073SS-0002M-0001-SO	FD	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	073SS-0002M-0001-SO	FD	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	073SS-0002M-0001-SO	FD	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	073SS-0002M-0001-SO	FD	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	073SS-0002M-0001-SO	FD	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	073SS-0002M-0001-SO	FD	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	073SS-0002M-0001-SO	FD	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	073SS-0003M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	073SS-0003M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	073SS-0003M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	073SS-0003M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	073SS-0003M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	073SS-0003M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	073SS-0003M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 UJ	17	56	33	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	1,1,1-Trichloroethane	6.7 U	0.75	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	1,1,2,2-Tetrachloroethane	6.7 UJ	0.45	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	1,1,2-Trichloroethane	6.7 U	0.52	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	1,1-Dichloroethane	6.7 U	0.48	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	1,1-Dichloroethene	6.7 U	0.69	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	1,2-Dibromoethane (EDB)	6.7 U	0.67	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	1,2-Dichloroethane	6.7 U	0.45	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	1,2-Dichloroethene	13 U	1	13	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	1,2-Dichloropropane	6.7 U	0.92	6.7	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reporting Anomalies**

SDG Name: 240-17422-1\_CC73

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	2-Butanone (MEK)	27 U	1.9	27	20	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	2-Hexanone	27 U	0.84	27	20	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	4-Methyl-2-pentanone (MIBK)	27 U	0.72	27	20	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Acetone	27 U	8.4	27	20	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Benzene	6.7 U	0.31	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Bromochloromethane	6.7 U	0.95	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Bromodichloromethane	6.7 U	0.37	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Bromoform	6.7 U	0.44	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Bromomethane	6.7 U	0.72	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Carbon Disulfide	6.7 U	0.59	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Carbon Tetrachloride	6.7 U	0.49	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Chlorobenzene	6.7 U	0.44	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Chloroethane	6.7 U	1.1	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Chloroform	6.7 U	0.39	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Chloromethane	6.7 U	0.55	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	cis-1,3-Dichloropropene	6.7 U	0.45	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Dibromochloromethane	6.7 U	0.73	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Ethylbenzene	6.7 U	0.35	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Methylene Chloride	6.7 U	0.89	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Styrene	6.7 U	0.2	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	tert-Butyl Methyl Ether (MTBE)	6.7 U	0.57	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Tetrachloroethene (PCE)	6.7 U	0.69	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Toluene	0.52 J	0.36	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	trans-1,3-Dichloropropene	6.7 U	0.72	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Trichloroethene (TCE)	6.7 U	0.56	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Vinyl Chloride	6.7 U	0.52	6.7	5	UG/KG
SW8260B/NONE	073SS-0002M-0001-SO	FD	1	Xylenes, Total	13 U	0.89	13	10	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	1,1,1-Trichloroethane	7.5 U	0.85	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	7.5 U	0.51	7.5	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reporting Anomalies**

SDG Name: 240-17422-1\_CC73

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	073SS-0003M-0001-SO	N	1	1,1,2-Trichloroethane	7.5 U	0.59	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	1,1-Dichloroethane	7.5 U	0.54	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	1,1-Dichloroethene	7.5 U	0.78	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	1,2-Dibromoethane (EDB)	7.5 U	0.75	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	1,2-Dichloroethane	7.5 U	0.51	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	1,2-Dichloroethene	15 U	1.2	15	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	1,2-Dichloropropane	7.5 U	1	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	2-Butanone (MEK)	30 U	2.1	30	20	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	2-Hexanone	30 U	0.95	30	20	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	30 U	0.82	30	20	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Acetone	30 U	9.5	30	20	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Benzene	7.5 U	0.35	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Bromochloromethane	7.5 U	1.1	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Bromodichloromethane	7.5 U	0.42	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Bromoform	7.5 U	0.5	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Bromomethane	7.5 U	0.82	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Carbon Disulfide	1.3 J	0.66	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Carbon Tetrachloride	7.5 U	0.56	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Chlorobenzene	7.5 UJ	0.5	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Chloroethane	7.5 U	1.3	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Chloroform	7.5 U	0.44	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Chloromethane	7.5 U	0.62	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	cis-1,3-Dichloropropene	7.5 U	0.51	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Dibromochloromethane	7.5 U	0.83	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Ethylbenzene	7.5 U	0.39	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Methylene Chloride	7.5 U	1	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Styrene	7.5 UJ	0.23	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	7.5 U	0.65	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Tetrachloroethene (PCE)	7.5 U	0.78	7.5	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reporting Anomalies**

SDG Name: 240-17422-1\_CC73

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Toluene	7.5 U	0.41	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	trans-1,3-Dichloropropene	7.5 U	0.82	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Trichloroethene (TCE)	7.5 U	0.63	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Vinyl Chloride	7.5 U	0.59	7.5	5	UG/KG
SW8260B/NONE	073SS-0003M-0001-SO	N	1	Xylenes, Total	15 U	1	15	10	UG/KG
SW8260B/NONE	073SS-0006-0001-SO	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SS-0001M-0001-SO	N	4	2,4,6-Trichlorophenol	590 U	320	590	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	2,4-Dichlorophenol	590 U	79	590	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	2,4-Dimethylphenol	590 U	79	590	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	2,4-Dinitrophenol	1300 U	320	1300	800	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	2,4-Dinitrotoluene	790 U	110	790	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	2,6-Dinitrotoluene	790 U	83	790	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	2-Methylphenol (o-Cresol)	790 U	320	790	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	3,3'-Dichlorobenzidine	400 U	71	400	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	4-Chloro-3-Methylphenol	590 U	83	590	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	4-Chloroaniline	590 U	67	590	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	4-Nitrophenol	1300 U	320	1300	800	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	Benzoic acid	2600 R	1300	2600	800	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	Benzyl alcohol	1300 U	83	1300	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	bis(2-Chloroethoxy) Methane	400 U	87	400	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400 U	7.9	400	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	bis(2-Chloroisopropyl) Ether	400 U	38	400	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	Carbazole	200 U	110	200	50	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	Cresols, m & p	1600 U	79	1600	300	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	Hexachlorocyclopentadiene	1300 U	110	1300	330	UG/KG
SW8270C/NONE	073SS-0001M-0001-SO	N	4	Nitrobenzene	400 U	8.7	400	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	2,4,6-Trichlorophenol	610 U	320	610	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	2,4-Dichlorophenol	610 U	81	610	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reporting Anomalies**

SDG Name: 240-17422-1\_CC73

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	2,4-Dimethylphenol	610 U	81	610	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	2,4-Dinitrophenol	1300 U	320	1300	800	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	2,4-Dinitrotoluene	810 U	110	810	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	2,6-Dinitrotoluene	810 U	85	810	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	2-Methylphenol (o-Cresol)	810 U	320	810	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	2-Nitroaniline	810 U	37	810	800	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	3,3'-Dichlorobenzidine	400 U	73	400	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	3-Nitroaniline	810 U	65	810	800	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	4-Chloro-3-Methylphenol	610 U	85	610	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	4-Chloroaniline	610 U	69	610	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	4-Nitroaniline	810 U	110	810	800	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	4-Nitrophenol	1300 U	320	1300	800	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	Benzoic acid	2700 R	1300	2700	800	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	Benzyl alcohol	1300 U	85	1300	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	bis(2-Chloroethoxy) Methane	400 U	89	400	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400 U	8.1	400	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	bis(2-Chloroisopropyl) Ether	400 U	38	400	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	Carbazole	200 U	110	200	50	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	Cresols, m & p	1600 U	81	1600	300	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	Hexachlorocyclopentadiene	1300 U	110	1300	330	UG/KG
SW8270C/NONE	073SS-0002M-0001-SO	FD	4	Nitrobenzene	400 U	8.9	400	330	UG/KG
SW8270C/NONE	073SS-0003M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	073SS-0003M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	97	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reporting Anomalies**

SDG Name: 240-17422-1\_CC73

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2-Nitroaniline	2000 U	91	2000	800	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	4-Nitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Acenaphthene	240	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Acenaphthylene	160	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Anthracene	300	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Benzo(a)anthracene	730	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Benzo(a)pyrene	570	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Benzo(b)fluoranthene	670	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Benzo(g,h,i)perylene	160	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Benzo(k)fluoranthene	190	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Benzoic acid	6600 R	3300	6600	800	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Reporting Anomalies**

SDG Name: 240-17422-1\_CC73

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	95	1000	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Chrysene	1000	11	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Dibenzofuran	2500	33	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Di-n-Butyl Phthalate	500 U	150	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Fluoranthene	860	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Hexachloroethane	500 U	90	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	140	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Naphthalene	4600	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Phenanthrene	5500	33	67	50	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	073SS-0005M-0001-SO	N	10	Pyrene	1000	33	67	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Worksheet**

SDG Name: 240-17422-1\_CC73

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?		•		
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	•			Both samples were reported as non-detects.
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a duplicate sample prepared and analyzed with each batch?	•			
Was the duplicate RPD within QAPP acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			



**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Method:** SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			MB 240-65198/1-A: Potassium was detected at a level greater than MDL but less than RL. All associated sample results for potassium were greater than RL.
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	•			
Was the ICS recovery within QAPP acceptance limits?	•			
If a field duplicate was analyzed, were the RPDs within criteria?	•			
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?		•		Antimony recovered below the QC limits (75-125%)
Was a serial dilution prepared and analyzed with each batch?	•			
Was the serial dilution within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Method:** SW7471A

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			Mercury was detected in MB 240-65204/1-A at a level above the MDL but below the RL.
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?	•			Both samples were reported as non-detects.
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			MS and Dup
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**Method:** SW8081

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Method:** SW8081

Review Questions	Yes	No	NA	Comment
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?		•		Toxaphene %D was >20%.
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			Only LCS
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	•			Both samples were reported as non-detects.
Were the Breakdown products within QAPP acceptance limits?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			Both MS and MSD were analyzed at 20x dilution.
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?		•		Beta-BHC RPD in sample 073SS-0003M-0001 SO was 187%.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Method:** SW8081

Review Questions	Yes	No	NA	Comment
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Were instrument run logs present and filled out appropriately?	•			
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**Method:** SW8082

Review Questions	Yes	No	NA	Comment
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Did Chain-of-Custody information agree with laboratory report?	•			
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Were samples preserved properly and received in good condition?	•			
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Were sample receipt temperatures met?	•			
---------------------------------------	---	--	--	--

Were holding times for prep and analysis met?	•			
---	---	--	--	--

Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
---	---	--	--	--

Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
--	---	--	--	--

Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
--	---	--	--	--

Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
---	---	--	--	--

Was the CCV a mid-level standard from the initial calibration curve?	•			
--	---	--	--	--

Was the CCV %D within criteria (%D =20%)?	•			
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Was a method blank prepared and analyzed with each batch?	•			
---	---	--	--	--

Were target analytes detected in the method blank above the MDL?		•		
--	--	---	--	--

Was a field blank (equipment or trip) collected and analyzed?			•	
---	--	--	---	--

Were target analytes reported in the field blank analyses above the MDL?			•	
--	--	--	---	--

Were surrogate recoveries within QAPP acceptance limits?	•			
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Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			Only LCS
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Were the LCS recoveries within QAPP acceptance limits?	•			
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Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
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If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	•			Both samples were reported as non-detects.
--	---	--	--	--

Were the Breakdown products within QAPP acceptance limits?			•	
--	--	--	---	--

Is the MS/MSD parent sample the one designated by the sampling team?	•			
--	---	--	--	--

Were MS/MSD recoveries and RPD within QAPP acceptance limits?		•		
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Aroclor-1260 %R and RPD were outside the QC limit. Aroclor-1016 RPD was out side the QC limits, however both MS and MSD %Rs were within the QC limits.

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Method:** SW8082

Review Questions	Yes	No	NA	Comment
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

**Method:** SW8260B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Method:** SW8260B

Review Questions	Yes	No	NA	Comment
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?		•	•	1,4-Dichlorobenzene-d4 (DCB) IS area count in sample 073SS-0002M-0001-SO was below the QC limits. All associated compounds with this IS were qualified (UJ) for non-detects and (J) for detects.
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			1. Methylene Chloride was detected in MB 240-64831/6. 2. Acetone, 2-Hexanone and Methylene Chloride were detected in MB 240-64980/8. 3. Acetone, 4-Methyl-2-pentanone and Styrene were detected in MB 240-65171/9.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•			
Were target analytes reported in the field blank analyses above the MDL?	•			Chloromethane was detected in 073SS-0006-0001-TB
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			Only LCS
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		•		
Were surrogate recoveries within QAPP acceptance limits?		•		BFB recovered high in sample 073SS-0002M-0001-SO.
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Method:** SW8270C

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			DFTPP
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			Bis (2-ethylhexyl) phthalate was detected in MB 65764/23-A at a level above MDL but below RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?			•	

**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

<b>Method: SW8270C</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	•			Field Duplicate (073SS-0002M-0001-SO) was analyzed at 4x dilution. However native sample (073SS-0003M-0001-SO) was analyzed at 1x dilution.
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			Only LCS
Were the LCS/LCSD recoveries within QAPP acceptance limits?		•		LCS 240-65764/24-A: Benzoic acid was not recovered.
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		•		Benzoic acid and 3,3'-Dichlorobenzidine were not recovered in both MS and MSD.
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			
<b>Method: SW8330B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			



**AUTOMATED DATA REVIEW SUMMARY for 240-17422-1\_CC73**

**Method:** SW8330B

Review Questions	Yes	No	NA	Comment
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			Only LCS
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	•			Both samples results were either non-detects or below the RL.
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?		•		Tetryl RPD in sample 073SS-0002M-0001-SO was 109%.
Did PDA spectra for reported compounds match associated standard spectra?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

**WORKSHEET 2**

**Automated Data Review Summary for 240-22562-1**

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**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

**Facility:** Ravenna Army Ammunition Plant

**Event:** Spring 2013 RI/SI Sampling Event

**Guidance Document:** Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

**Contract Laboratory:** TestAmerica, Inc., North Canton, OH

**Field Contractor:** Environmental Chemical Corporation, Otis Ang Base, MA

**Data Review Contractor:** ECC

**SDG:** 240-22562-1, Certified - 6/11/2013 by frederickroche

**QC Level:** ADR

**Project Manager:** Al Easterday

**Data Reviewer:** Samir A. Naguib

**Data Reviewer Title:** Sr. QA Chemist

**Date of Review Report:** June 18, 2013

**Samples Included in SDG 240-22562-1**

<b>Analytical Method/ Leach Method</b>	<b>Normal Soil Samples</b>	<b>Normal Water Samples</b>	<b>Field QC Soil Samples</b>	<b>Field QC Water Samples</b>
E353.2/NONE	6		0	
SW6020/NONE	29	3	0	0
SW7470A/NONE		3		0
SW7471A/NONE	29		0	
SW8081/NONE	6		0	
SW8082/NONE	6		0	
SW8260B/NONE	6	1	0	0

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

<b>Analytical Method/ Leach Method</b>	<b>Normal Soil Samples</b>	<b>Normal Water Samples</b>	<b>Field QC Soil Samples</b>	<b>Field QC Water Samples</b>
SW8270C/NONE	17	3	0	0
SW8330B/NONE	6		0	

## AUTOMATED DATA REVIEW SUMMARY for 240-22562-1

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-22562-1\_73,78,79\_SB,TP,SW. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank
- Field Blank

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

Field Duplicate RPD

Initial Calibration Verification

Lab Replicate RPD

LCS RPD

Material Blank

Trip Blank

## AUTOMATED DATA REVIEW SUMMARY for 240-22562-1

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

**Batch** – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

**QC Outlier** – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

**Qualified Results** – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

**Rejected Results** – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

**Field Duplicates** – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

**Data Submission Warnings** – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 313 results (12.14%) out of the 2578 results (sample and field QC samples) reported are qualified based on review and 23 results (0.89%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

### Narrative Comments

Analytical Method	Comment
E353.2	
SW6020	



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

SW7470A	
SW7471A	
SW8081	
SW8082	
SW8260B	
SW8270C	
SW8330B	

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Reviewed by Samir A. Naguib, Sr. QA Chemist

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18-Jun-2013

## AUTOMATED DATA REVIEW SUMMARY for 240-22562-1

### Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

## AUTOMATED DATA REVIEW SUMMARY for 240-22562-1

### Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

## AUTOMATED DATA REVIEW SUMMARY for 240-22562-1

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

**Batch Report**

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
14215	14143	NA	LABQC	SQ	LABQC	MB 320-14063/1-B		1/1	12-Apr-2013 6:30 AM	12-Apr-2013 6:30 AM	12-Apr-2013 12:52 PM	LB
	14143	NA	LABQC	SQ	LABQC	LCS 320-14063/2-B		1/1	12-Apr-2013 6:30 AM	12-Apr-2013 6:30 AM	12-Apr-2013 12:54 PM	BS
	14143	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		1/1	27-Mar-2013 3:25 PM	12-Apr-2013 6:30 AM	12-Apr-2013 1:30 PM	N
	14143	NA	78-TPA-TP6	SO	078TP-0039-0001-TP	240-22562-17		1/1	27-Mar-2013 12:11 PM	12-Apr-2013 6:30 AM	12-Apr-2013 1:32 PM	N
	14143	NA	78-TPA-TP7	SO	078TP-0040-0001-TP	240-22562-21		1/1	27-Mar-2013 1:32 PM	12-Apr-2013 6:30 AM	12-Apr-2013 1:34 PM	N
	14143	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001-SO	240-22562-33		1/1	27-Mar-2013 12:47 PM	12-Apr-2013 6:30 AM	12-Apr-2013 1:36 PM	N
	14143	NA	79-80TF-DU2-SB4	SO	079SB-0050M-0001-SO	240-22562-24		1/1	27-Mar-2013 11:00 AM	12-Apr-2013 6:30 AM	12-Apr-2013 1:38 PM	N
	14143	NA	79-80TF-DU1-SB1	SO	079SB-0037M-0001-SO	240-22562-29		1/1	27-Mar-2013 12:10 PM	12-Apr-2013 6:30 AM	12-Apr-2013 1:48 PM	N

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70426	68372	NA	LABQC	WQ	LABQC	MB 180-68372/1-A		1/1	05-Apr-2013 8:32 AM	05-Apr-2013 8:32 AM	29-Apr-2013 9:31 PM	LB
	68372	NA	LABQC	WQ	LABQC	LCS 180-68372/2-A		1/1	05-Apr-2013 8:32 AM	05-Apr-2013 8:32 AM	29-Apr-2013 9:39 PM	BS
	68372	NA	73-SCCT-UP-SW1	WS	073SW-0063-0001-SW	240-22562-14		1/1	28-Mar-2013 10:05 AM	05-Apr-2013 8:32 AM	29-Apr-2013 9:47 PM	N
	68372	NA	73-SCCT-MD-SW2	WS	073SW-0064-0001-SW	240-22562-15		1/1	28-Mar-2013 9:35 AM	05-Apr-2013 8:32 AM	29-Apr-2013 9:55 PM	N
	68372	NA	73-SCCT-DW-SW3	WS	073SW-0066-0001-SW	240-22562-16		1/1	28-Mar-2013 9:20 AM	05-Apr-2013 8:32 AM	29-Apr-2013 10:04 PM	N
70561	68660	NA	LABQC	SQ	LABQC	MB 180-68660/1-A		1/1	09-Apr-2013 11:57 AM	09-Apr-2013 11:57 AM	01-May-2013 5:35 AM	LB
	68660	NA	LABQC	SQ	LABQC	LCS 180-68660/2-A		1/1	09-Apr-2013 11:57 AM	09-Apr-2013 11:57 AM	01-May-2013 5:43 AM	BS
	68660	NA	73-NLCT-DU1-SB	SO	073SB-0025M-0001-SO	240-22562-1		1/1	27-Mar-2013 3:32 PM	09-Apr-2013 11:57 AM	01-May-2013 5:52 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

**Batch Report**

Test Method: SW6020; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70561	68660	NA	73-NLCT-DU1-SB	SO	073SB-0026M-0001-SO	240-22562-2		1/1	27-Mar-2013 3:31 PM	09-Apr-2013 11:57 AM	01-May-2013 6:16 AM	N
	68660	NA	73-NLCT-DU1-SB1	SO	073SB-0027M-0001-SO	240-22562-3		1/1	27-Mar-2013 2:27 PM	09-Apr-2013 11:57 AM	01-May-2013 6:25 AM	N
	68660	NA	73-NLCT-DU1-SB1	SO	073SB-0028M-0001-SO	240-22562-4		1/1	27-Mar-2013 2:26 PM	09-Apr-2013 11:57 AM	01-May-2013 6:33 AM	N
	68660	NA	73-NLCT-DU1-SB2	SO	073SB-0029M-0001-SO	240-22562-5		1/1	27-Mar-2013 2:47 PM	09-Apr-2013 11:57 AM	01-May-2013 6:41 AM	N
	68660	NA	73-NLCT-DU1-SB3	SO	073SB-0030M-0001-SO	240-22562-6		1/1	27-Mar-2013 3:33 PM	09-Apr-2013 11:57 AM	01-May-2013 6:49 AM	N
	68660	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		1/1	27-Mar-2013 3:25 PM	09-Apr-2013 11:57 AM	01-May-2013 6:58 AM	N
	68660	NA	73-NLCT-DU1-SB5	SO	073SB-0032M-0001-SO	240-22562-8		1/1	27-Mar-2013 3:03 PM	09-Apr-2013 11:57 AM	01-May-2013 7:06 AM	N
	68660	NA	73-NLCT-DU1-SB5	SO	073SB-0033-0001-SO	240-22562-9		1/1	27-Mar-2013 3:10 PM	09-Apr-2013 11:57 AM	01-May-2013 7:14 AM	N
	68660	NA	73-SCCT-UP-SD1	SE	073SD-0052-0001-SD	240-22562-11		1/1	28-Mar-2013 10:00 AM	09-Apr-2013 11:57 AM	01-May-2013 7:22 AM	N
	68660	NA	73-SCCT-MD-SD2	SE	073SD-0054-0001-SD	240-22562-12		1/1	28-Mar-2013 9:30 AM	09-Apr-2013 11:57 AM	01-May-2013 7:31 AM	N
	68660	NA	73-SCCT-DW-SD3	SE	073SD-0055-0001-SD	240-22562-13		1/1	28-Mar-2013 9:15 AM	09-Apr-2013 11:57 AM	01-May-2013 7:55 AM	N
	68660	NA	78-TPA-TP6	SO	078TP-0039-0001-TP	240-22562-17		1/1	27-Mar-2013 12:11 PM	09-Apr-2013 11:57 AM	01-May-2013 8:04 AM	N
	68660	NA	79-80TF-DU2-SB	SO	079SB-0042M-0001-SO	240-22562-18		1/1	27-Mar-2013 11:44 AM	09-Apr-2013 11:57 AM	01-May-2013 8:12 AM	N
	68660	NA	79-80TF-DU2-SB	SO	079SB-0044M-0001-SO	240-22562-19		1/1	27-Mar-2013 11:50 AM	09-Apr-2013 11:57 AM	01-May-2013 8:20 AM	N
	68660	NA	79-80TF-DU2-SB1	SO	079SB-0046M-0001-SO	240-22562-20		1/1	27-Mar-2013 11:46 AM	09-Apr-2013 11:57 AM	01-May-2013 8:28 AM	N
	68660	NA	78-TPA-TP7	SO	078TP-0040-0001-TP	240-22562-21		1/1	27-Mar-2013 1:32 PM	09-Apr-2013 11:57 AM	01-May-2013 8:37 AM	N
	68660	NA	79-80TF-DU2-SB2	SO	079SB-0047M-0001-SO	240-22562-22		1/1	27-Mar-2013 11:33 AM	09-Apr-2013 11:57 AM	01-May-2013 8:45 AM	N
	68660	NA	79-80TF-DU2-SB2	SO	079SB-0047M-0002-SO	240-22562-22		1/1	27-Mar-2013 11:33 AM	09-Apr-2013 11:57 AM	01-May-2013 9:10 AM	MS

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

**Batch Report**

Test Method: SW6020; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70691	68865	NA	LABQC	SQ	LABQC	MB 180-68865/1-A		1/1	11-Apr-2013 9:06 AM	11-Apr-2013 9:06 AM	02-May-2013 12:00 AM	LB
	68865	NA	LABQC	SQ	LABQC	LCS 180-68865/2-A		1/1	11-Apr-2013 9:06 AM	11-Apr-2013 9:06 AM	02-May-2013 12:08 AM	BS
	68865	NA	79-80TF-DU2-SB3	SO	079SB-0048M-0001- SO	240-22562-23		1/1	27-Mar-2013 11:12 AM	11-Apr-2013 9:06 AM	02-May-2013 12:57 AM	N
	68865	NA	79-80TF-DU2-SB4	SO	079SB-0050M-0001- SO	240-22562-24		1/1	27-Mar-2013 11:00 AM	11-Apr-2013 9:06 AM	02-May-2013 1:06 AM	N
	68865	NA	79-80TF-DU2-SB5	SO	079SB-0051M-0001- SO	240-22562-25		1/1	27-Mar-2013 10:41 AM	11-Apr-2013 9:06 AM	02-May-2013 1:30 AM	N
	68865	NA	79-80TF-DU2-SB5	SO	079SB-0052M-0001- SO	240-22562-26		1/1	27-Mar-2013 10:42 AM	11-Apr-2013 9:06 AM	02-May-2013 1:39 AM	N
	68865	NA	79-80TF-DU1-SB	SO	079SB-0033M-0001- SO	240-22562-27		1/1	27-Mar-2013 12:42 PM	11-Apr-2013 9:06 AM	02-May-2013 1:47 AM	N
	68865	NA	79-80TF-DU1-SB	SO	079SB-0035M-0001- SO	240-22562-28		1/1	27-Mar-2013 12:44 PM	11-Apr-2013 9:06 AM	02-May-2013 1:55 AM	N
	68865	NA	79-80TF-DU1-SB1	SO	079SB-0037M-0001- SO	240-22562-29		1/1	27-Mar-2013 12:10 PM	11-Apr-2013 9:06 AM	02-May-2013 2:03 AM	N
	68865	NA	79-80TF-DU1-SB2	SO	079SB-0038M-0001- SO	240-22562-30		1/1	27-Mar-2013 12:00 PM	11-Apr-2013 9:06 AM	02-May-2013 2:11 AM	N
	68865	NA	79-80TF-DU1-SB2	SO	079SB-0038M-0002- SO-MS	240-22562-30		1/1	27-Mar-2013 12:00 PM	11-Apr-2013 9:06 AM	02-May-2013 2:36 AM	MS
70561	68898	NA	LABQC	SQ	LABQC	MB 180-68898/1-A		1/1	11-Apr-2013 11:49 AM	11-Apr-2013 11:49 AM	30-Apr-2013 9:31 PM	LB
	68898	NA	LABQC	SQ	LABQC	LCS 180-68898/2-A		1/1	11-Apr-2013 11:49 AM	11-Apr-2013 11:49 AM	30-Apr-2013 9:39 PM	BS
	68898	NA	79-80TF-DU1-SB3	SO	079SB-0039M-0001- SO	240-22562-31		1/1	27-Mar-2013 12:29 PM	11-Apr-2013 11:49 AM	30-Apr-2013 9:47 PM	N
	68898	NA	LABQC	SO	079SB-0039M-0002- SO-MSD	240-22562-31		1/1	11-Apr-2013 11:49 AM	11-Apr-2013 11:49 AM	30-Apr-2013 10:12 PM	MS
	68898	NA	79-80TF-DU1-SB4	SO	079SB-0040M-0001- SO	240-22562-32		1/1	27-Mar-2013 12:38 AM	11-Apr-2013 11:49 AM	30-Apr-2013 10:28 PM	N
	68898	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001- SO	240-22562-33		1/1	27-Mar-2013 12:47 PM	11-Apr-2013 11:49 AM	30-Apr-2013 10:36 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

**Batch Report**

**Test Method: SW7470A; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81255	80775	NA	LABQC	WQ	LABQC	MB 240-80775/1-A		1/1	05-Apr-2013 3:45 PM	05-Apr-2013 3:45 PM	09-Apr-2013 10:48 AM	LB
	80775	NA	LABQC	WQ	LABQC	LCS 240-80775/2-A		1/1	05-Apr-2013 3:45 PM	05-Apr-2013 3:45 PM	09-Apr-2013 10:49 AM	BS
	80775	NA	73-SCCT-UP-SW1	WS	073SW-0063-0001-SW	240-22562-14		1/1	28-Mar-2013 10:05 AM	05-Apr-2013 3:45 PM	09-Apr-2013 10:58 AM	N
	80775	NA	73-SCCT-MD-SW2	WS	073SW-0064-0001-SW	240-22562-15		1/1	28-Mar-2013 9:35 AM	05-Apr-2013 3:45 PM	09-Apr-2013 10:59 AM	N
	80775	NA	73-SCCT-DW-SW3	WS	073SW-0066-0001-SW	240-22562-16		1/1	28-Mar-2013 9:20 AM	05-Apr-2013 3:45 PM	09-Apr-2013 11:01 AM	N

**Test Method: SW7471A; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81267	80967	NA	LABQC	SQ	LABQC	MB 240-80967/1-A		1/1	08-Apr-2013 2:45 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:14 AM	LB
	80967	NA	LABQC	SQ	LABQC	LCS 240-80967/2-A		1/1	08-Apr-2013 2:45 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:16 AM	BS
	80967	NA	73-NLCT-DU1-SB	SO	073SB-0025M-0001-SO	240-22562-1		1/1	27-Mar-2013 3:32 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:28 AM	N
	80967	NA	73-NLCT-DU1-SB	SO	073SB-0026M-0001-SO	240-22562-2		1/1	27-Mar-2013 3:31 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:31 AM	N
	80967	NA	73-NLCT-DU1-SB1	SO	073SB-0027M-0001-SO	240-22562-3		1/1	27-Mar-2013 2:27 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:33 AM	N
	80967	NA	73-NLCT-DU1-SB1	SO	073SB-0028M-0001-SO	240-22562-4		1/1	27-Mar-2013 2:26 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:39 AM	N
	80967	NA	73-NLCT-DU1-SB2	SO	073SB-0029M-0001-SO	240-22562-5		1/1	27-Mar-2013 2:47 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:40 AM	N
	80967	NA	73-NLCT-DU1-SB3	SO	073SB-0030M-0001-SO	240-22562-6		1/1	27-Mar-2013 3:33 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:42 AM	N
	80967	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		1/1	27-Mar-2013 3:25 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:45 AM	N
	80967	NA	73-NLCT-DU1-SB5	SO	073SB-0032M-0001-SO	240-22562-8		1/1	27-Mar-2013 3:03 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:47 AM	N
	80967	NA	73-NLCT-DU1-SB5	SO	073SB-0033-0001-SO	240-22562-9		1/1	27-Mar-2013 3:10 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:49 AM	N



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

**Batch Report**

Test Method: SW7471A; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81267	80967	NA	73-SCCT-UP-SD1	SE	073SD-0052-0001-SD	240-22562-11		1/1	28-Mar-2013 10:00 AM	08-Apr-2013 2:45 PM	09-Apr-2013 9:51 AM	N
	80967	NA	73-SCCT-MD-SD2	SE	073SD-0054-0001-SD	240-22562-12		1/1	28-Mar-2013 9:30 AM	08-Apr-2013 2:45 PM	09-Apr-2013 9:52 AM	N
	80967	NA	73-SCCT-DW-SD3	SE	073SD-0055-0001-SD	240-22562-13		1/1	28-Mar-2013 9:15 AM	08-Apr-2013 2:45 PM	09-Apr-2013 9:54 AM	N
	80967	NA	78-TPA-TP6	SO	078TP-0039-0001-TP	240-22562-17		1/1	27-Mar-2013 12:11 PM	08-Apr-2013 2:45 PM	09-Apr-2013 9:56 AM	N
	80967	NA	79-80TF-DU2-SB	SO	079SB-0042M-0001- SO	240-22562-18		1/1	27-Mar-2013 11:44 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:03 AM	N
	80967	NA	79-80TF-DU2-SB	SO	079SB-0044M-0001- SO	240-22562-19		1/1	27-Mar-2013 11:50 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:05 AM	N
	80967	NA	79-80TF-DU2-SB1	SO	079SB-0046M-0001- SO	240-22562-20		1/1	27-Mar-2013 11:46 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:07 AM	N
	80967	NA	78-TPA-TP7	SO	078TP-0040-0001-TP	240-22562-21		1/1	27-Mar-2013 1:32 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:09 AM	N
	81005	NA	LABQC	SQ	LABQC	MB 240-81005/1-A		1/1	08-Apr-2013 2:45 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:11 AM	LB
	81005	NA	LABQC	SQ	LABQC	LCS 240-81005/2-A		1/1	08-Apr-2013 2:45 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:13 AM	BS
	81005	NA	79-80TF-DU2-SB2	SO	079SB-0047M-0001- SO	240-22562-22		1/1	27-Mar-2013 11:33 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:15 AM	N
	81005	NA	79-80TF-DU2-SB2	SO	079SB-0047M-0002- SO	240-22562-22		1/1	27-Mar-2013 11:33 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:18 AM	MS
	81005	NA	79-80TF-DU1-SB2	SO	079SB-0038M-0001- SO	240-22562-30		1/1	27-Mar-2013 12:00 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:20 AM	N
	81005	NA	79-80TF-DU1-SB2	SO	079SB-0038M-0002- SO-MS	240-22562-30		1/1	27-Mar-2013 12:00 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:27 AM	MS
	81005	NA	79-80TF-DU1-SB3	SO	079SB-0039M-0001- SO	240-22562-31		1/1	27-Mar-2013 12:29 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:29 AM	N
	81005	NA	LABQC	SO	079SB-0039M-0002- SO-MSD	240-22562-31		1/1	08-Apr-2013 2:45 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:33 AM	MS
	81005	NA	79-80TF-DU2-SB3	SO	079SB-0048M-0001- SO	240-22562-23		1/1	27-Mar-2013 11:12 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:35 AM	N
	81005	NA	79-80TF-DU2-SB4	SO	079SB-0050M-0001- SO	240-22562-24		1/1	27-Mar-2013 11:00 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:37 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

**Batch Report**

**Test Method: SW7471A; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81267	81005	NA	79-80TF-DU2-SB5	SO	079SB-0051M-0001-SO	240-22562-25		1/1	27-Mar-2013 10:41 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:39 AM	N
	81005	NA	79-80TF-DU2-SB5	SO	079SB-0052M-0001-SO	240-22562-26		1/1	27-Mar-2013 10:42 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:42 AM	N
	81005	NA	79-80TF-DU1-SB	SO	079SB-0033M-0001-SO	240-22562-27		1/1	27-Mar-2013 12:42 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:44 AM	N
	81005	NA	79-80TF-DU1-SB	SO	079SB-0035M-0001-SO	240-22562-28		1/1	27-Mar-2013 12:44 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:49 AM	N
	81005	NA	79-80TF-DU1-SB1	SO	079SB-0037M-0001-SO	240-22562-29		1/1	27-Mar-2013 12:10 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:51 AM	N
	81005	NA	79-80TF-DU1-SB4	SO	079SB-0040M-0001-SO	240-22562-32		1/1	27-Mar-2013 12:38 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:53 AM	N
	81005	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001-SO	240-22562-33		1/1	27-Mar-2013 12:47 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:55 AM	N

**Test Method: SW8081; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82129	80978	NA	LABQC	SQ	LABQC	LCS 240-80978/18-A		1/1	08-Apr-2013 11:01 AM	08-Apr-2013 11:01 AM	16-Apr-2013 9:01 PM	BS
	80978	NA	78-TPA-TP6	SO	078TP-0039-0001-TP	240-22562-17		1/50	27-Mar-2013 12:11 PM	08-Apr-2013 11:01 AM	16-Apr-2013 9:41 PM	N
	80978	NA	78-TPA-TP7	SO	078TP-0040-0001-TP	240-22562-21		1/1	27-Mar-2013 1:32 PM	08-Apr-2013 11:01 AM	16-Apr-2013 10:02 PM	N
	80978	NA	79-80TF-DU2-SB4	SO	079SB-0050M-0001-SO	240-22562-24		1/1	27-Mar-2013 11:00 AM	08-Apr-2013 11:01 AM	16-Apr-2013 10:22 PM	N
	80978	NA	79-80TF-DU1-SB1	SO	079SB-0037M-0001-SO	240-22562-29		1/1	27-Mar-2013 12:10 PM	08-Apr-2013 11:01 AM	16-Apr-2013 10:42 PM	N
	80978	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001-SO	240-22562-33		1/1	27-Mar-2013 12:47 PM	08-Apr-2013 11:01 AM	16-Apr-2013 11:02 PM	N
	80978	NA	LABQC	SQ	LABQC	MB 240-80978/17-A		1/1	08-Apr-2013 11:01 AM	08-Apr-2013 11:01 AM	17-Apr-2013 12:03 AM	LB
82389	80978	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		1/5	27-Mar-2013 3:25 PM	08-Apr-2013 11:01 AM	17-Apr-2013 5:36 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1**

**Batch Report**

**Test Method: SW8082; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81439	80983	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		1/1	27-Mar-2013 3:25 PM	08-Apr-2013 11:10 AM	11-Apr-2013 10:18 AM	N
	80983	NA	78-TPA-TP6	SO	078TP-0039-0001-TP	240-22562-17		1/1	27-Mar-2013 12:11 PM	08-Apr-2013 11:10 AM	11-Apr-2013 10:32 AM	N
	80983	NA	78-TPA-TP7	SO	078TP-0040-0001-TP	240-22562-21		1/1	27-Mar-2013 1:32 PM	08-Apr-2013 11:10 AM	11-Apr-2013 10:46 AM	N
	80983	NA	79-80TF-DU2-SB4	SO	079SB-0050M-0001-SO	240-22562-24		1/1	27-Mar-2013 11:00 AM	08-Apr-2013 11:10 AM	11-Apr-2013 11:01 AM	N
	80983	NA	79-80TF-DU1-SB1	SO	079SB-0037M-0001-SO	240-22562-29		1/1	27-Mar-2013 12:10 PM	08-Apr-2013 11:10 AM	11-Apr-2013 11:16 AM	N
	80983	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001-SO	240-22562-33		1/1	27-Mar-2013 12:47 PM	08-Apr-2013 11:10 AM	11-Apr-2013 11:30 AM	N
	80983	NA	LABQC	SQ	LABQC	MB 240-80983/17-A		1/1	08-Apr-2013 11:10 AM	08-Apr-2013 11:10 AM	11-Apr-2013 12:28 PM	LB
	80983	NA	LABQC	SQ	LABQC	LCS 240-80983/18-A		1/1	08-Apr-2013 11:10 AM	08-Apr-2013 11:10 AM	11-Apr-2013 2:40 PM	BS

**Test Method: SW8260B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
80593	80275	NA	78-TPA-TP6	SO	078TP-0039-0001-TP	240-22562-17		1/1	27-Mar-2013 12:11 PM	28-Mar-2013 9:05 PM	04-Apr-2013 7:25 PM	N
	80275	NA	78-TPA-TP7	SO	078TP-0040-0001-TP	240-22562-21		1/1	27-Mar-2013 1:32 PM	28-Mar-2013 9:05 PM	04-Apr-2013 7:46 PM	N
80741	80275	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		1/1	27-Mar-2013 3:25 PM	28-Mar-2013 9:05 PM	05-Apr-2013 3:29 PM	N
	80275	NA	79-80TF-DU2-SB4	SO	079SB-0050M-0001-SO	240-22562-24		1/1	27-Mar-2013 11:00 AM	28-Mar-2013 9:05 PM	05-Apr-2013 4:33 PM	N
	80275	NA	79-80TF-DU1-SB1	SO	079SB-0037M-0001-SO	240-22562-29		1/1	27-Mar-2013 12:10 PM	28-Mar-2013 9:05 PM	05-Apr-2013 4:55 PM	N
	80275	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001-SO	240-22562-33		1/1	27-Mar-2013 12:47 PM	28-Mar-2013 9:05 PM	05-Apr-2013 5:16 PM	N
80593	NA	NA	LABQC	SQ	LABQC	LCS 240-80593/6		1/1	04-Apr-2013 1:05 PM	04-Apr-2013 1:05 PM	04-Apr-2013 1:05 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-80593/7		1/1	04-Apr-2013 1:26 PM	04-Apr-2013 1:26 PM	04-Apr-2013 1:26 PM	LB

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Batch Report**

**Test Method: SW8260B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
80741	NA	NA	LABQC	SQ	LABQC	LCS 240-80741/6		1/1	05-Apr-2013 12:04 PM	05-Apr-2013 12:04 PM	05-Apr-2013 12:04 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-80741/30		1/1	05-Apr-2013 1:05 PM	05-Apr-2013 1:05 PM	05-Apr-2013 1:05 PM	LB
81013	81013	NA	LABQC	WQ	LABQC	LCS 240-81013/4		1/1	08-Apr-2013 12:50 PM	08-Apr-2013 12:50 PM	08-Apr-2013 12:50 PM	BS
	81013	NA	LABQC	WQ	LABQC	MB 240-81013/6		1/1	08-Apr-2013 1:34 PM	08-Apr-2013 1:34 PM	08-Apr-2013 1:34 PM	LB
	81013	NA	73-NLCT-DU1-SB5	WG	073SB-0034-0001-TB	240-22562-10		1/1	28-Mar-2013 8:00 AM	08-Apr-2013 3:22 PM	08-Apr-2013 3:22 PM	N

**Test Method: SW8270C; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81555	80545	NA	LABQC	WQ	LABQC	MB 240-80545/22-A		1/1	04-Apr-2013 9:26 AM	04-Apr-2013 9:26 AM	11-Apr-2013 2:38 PM	LB
	80545	NA	LABQC	WQ	LABQC	LCS 240-80545/21-A		1/1	04-Apr-2013 9:26 AM	04-Apr-2013 9:26 AM	11-Apr-2013 2:58 PM	BS
	80545	NA	73-SCCT-UP-SW1	WS	073SW-0063-0001-SW	240-22562-14		1/1	28-Mar-2013 10:05 AM	04-Apr-2013 9:26 AM	11-Apr-2013 4:38 PM	N
	80545	NA	73-SCCT-MD-SW2	WS	073SW-0064-0001-SW	240-22562-15		1/1	28-Mar-2013 9:35 AM	04-Apr-2013 9:26 AM	11-Apr-2013 4:58 PM	N
	80545	NA	73-SCCT-DW-SW3	WS	073SW-0066-0001-SW	240-22562-16		1/1	28-Mar-2013 9:20 AM	04-Apr-2013 9:26 AM	11-Apr-2013 5:18 PM	N
81882	81143	NA	LABQC	SQ	LABQC	MB 240-81143/23-A		1/1	09-Apr-2013 10:47 AM	09-Apr-2013 10:47 AM	15-Apr-2013 11:24 AM	LB
	81143	NA	LABQC	SQ	LABQC	LCS 240-81143/24-A		1/1	09-Apr-2013 10:47 AM	09-Apr-2013 10:47 AM	15-Apr-2013 11:44 AM	BS
	81143	NA	78-TPA-TP7	SO	078TP-0040-0001-TP	240-22562-21		1/1	27-Mar-2013 1:32 PM	09-Apr-2013 10:47 AM	15-Apr-2013 3:02 PM	N
	81143	NA	79-80TF-DU2-SB4	SO	079SB-0050M-0001-SO	240-22562-24		1/1	27-Mar-2013 11:00 AM	09-Apr-2013 10:47 AM	15-Apr-2013 3:22 PM	N
	81143	NA	79-80TF-DU1-SB1	SO	079SB-0037M-0001-SO	240-22562-29		1/1	27-Mar-2013 12:10 PM	09-Apr-2013 10:47 AM	15-Apr-2013 3:42 PM	N
	81143	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001-SO	240-22562-33		1/1	27-Mar-2013 12:47 PM	09-Apr-2013 10:47 AM	15-Apr-2013 4:02 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Batch Report**

Test Method: SW8270C; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81882	81143	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001-SO	240-22562-33		1/1	27-Mar-2013 12:47 PM	09-Apr-2013 10:47 AM	15-Apr-2013 4:21 PM	MS
	81143	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001-SO	240-22562-33		1/1	27-Mar-2013 12:47 PM	09-Apr-2013 10:47 AM	15-Apr-2013 4:41 PM	SD
82876	81143	NA	78-TPA-TP6	SO	078TP-0039-0001-TP	240-22562-17		1/2.5	27-Mar-2013 12:11 PM	09-Apr-2013 10:47 AM	21-Apr-2013 4:34 PM	N
81894	81148	NA	LABQC	SQ	LABQC	MB 240-81148/23-A		1/1	09-Apr-2013 10:52 AM	09-Apr-2013 10:52 AM	15-Apr-2013 10:01 AM	LB
	81148	NA	LABQC	SQ	LABQC	LCS 240-81148/24-A		1/1	09-Apr-2013 10:52 AM	09-Apr-2013 10:52 AM	15-Apr-2013 10:24 AM	BS
	81148	NA	73-NLCT-DU1-SB5	SO	073SB-0032M-0001-SO	240-22562-8		1/10	27-Mar-2013 3:03 PM	09-Apr-2013 10:52 AM	15-Apr-2013 11:12 AM	N
	81148	NA	73-NLCT-DU1-SB5	SO	073SB-0032M-0001-SO	240-22562-8		1/10	27-Mar-2013 3:03 PM	09-Apr-2013 10:52 AM	15-Apr-2013 11:35 AM	MS
	81148	NA	73-NLCT-DU1-SB5	SO	073SB-0032M-0001-SO	240-22562-8		1/10	27-Mar-2013 3:03 PM	09-Apr-2013 10:52 AM	15-Apr-2013 11:59 AM	SD
	81148	NA	73-NLCT-DU1-SB	SO	073SB-0025M-0001-SO	240-22562-1		1/10	27-Mar-2013 3:32 PM	09-Apr-2013 10:52 AM	15-Apr-2013 12:47 PM	N
	81148	NA	73-NLCT-DU1-SB1	SO	073SB-0028M-0001-SO	240-22562-4		1/5	27-Mar-2013 2:26 PM	09-Apr-2013 10:52 AM	15-Apr-2013 1:11 PM	N
	81148	NA	73-NLCT-DU1-SB1	SO	073SB-0027M-0001-SO	240-22562-3		1/5	27-Mar-2013 2:27 PM	09-Apr-2013 10:52 AM	15-Apr-2013 2:23 PM	N
	81148	NA	73-NLCT-DU1-SB5	SO	073SB-0033-0001-SO	240-22562-9		1/1	27-Mar-2013 3:10 PM	09-Apr-2013 10:52 AM	15-Apr-2013 3:10 PM	N
	81148	NA	73-NLCT-DU1-SB	SO	073SB-0026M-0001-SO	240-22562-2		1/1	27-Mar-2013 3:31 PM	09-Apr-2013 10:52 AM	15-Apr-2013 4:22 PM	N
	81148	NA	73-NLCT-DU1-SB2	SO	073SB-0029M-0001-SO	240-22562-5		1/1	27-Mar-2013 2:47 PM	09-Apr-2013 10:52 AM	15-Apr-2013 4:46 PM	N
82073	81148	NA	73-NLCT-DU1-SB3	SO	073SB-0030M-0001-SO	240-22562-6		1/1	27-Mar-2013 3:33 PM	09-Apr-2013 10:52 AM	16-Apr-2013 3:14 PM	N
	81148	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		1/1	27-Mar-2013 3:25 PM	09-Apr-2013 10:52 AM	16-Apr-2013 3:38 PM	N
	81290	NA	LABQC	SQ	LABQC	MB 240-81290/19-A		1/1	10-Apr-2013 9:37 AM	10-Apr-2013 9:37 AM	16-Apr-2013 10:05 AM	LB
	81290	NA	LABQC	SQ	LABQC	LCS 240-81290/20-A		1/1	10-Apr-2013 9:37 AM	10-Apr-2013 9:37 AM	16-Apr-2013 10:28 AM	BS

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Batch Report**

**Test Method: SW8270C; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82073	81290	NA	73-SCCT-UP-SD1	SE	073SD-0052-0001-SD	240-22562-11		1/1	28-Mar-2013 10:00 AM	10-Apr-2013 9:37 AM	16-Apr-2013 2:03 PM	N
	81290	NA	73-SCCT-MD-SD2	SE	073SD-0054-0001-SD	240-22562-12		1/1	28-Mar-2013 9:30 AM	10-Apr-2013 9:37 AM	16-Apr-2013 2:26 PM	N
	81290	NA	73-SCCT-DW-SD3	SE	073SD-0055-0001-SD	240-22562-13		1/1	28-Mar-2013 9:15 AM	10-Apr-2013 9:37 AM	16-Apr-2013 2:50 PM	N

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
14412	13877	NA	LABQC	SQ	LABQC	MB 320-13877/1-A		1/1	09-Apr-2013 9:33 AM	09-Apr-2013 9:33 AM	19-Apr-2013 9:49 AM	LB
	13877	NA	LABQC	SQ	LABQC	LCS 320-13877/2-A		1/1	09-Apr-2013 9:33 AM	09-Apr-2013 9:33 AM	19-Apr-2013 11:43 AM	BS
	13877	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		2/1	27-Mar-2013 3:25 PM	09-Apr-2013 9:33 AM	19-Apr-2013 12:42 PM	N
	13877	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		2/1	27-Mar-2013 3:25 PM	09-Apr-2013 9:33 AM	19-Apr-2013 1:39 PM	MS
	13877	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		2/1	27-Mar-2013 3:25 PM	09-Apr-2013 9:33 AM	19-Apr-2013 2:36 PM	SD
	13877	NA	78-TPA-TP6	SO	078TP-0039-0001-TP	240-22562-17		3/1	27-Mar-2013 12:11 PM	09-Apr-2013 9:33 AM	19-Apr-2013 3:33 PM	N
	13877	NA	78-TPA-TP7	SO	078TP-0040-0001-TP	240-22562-21		3/1	27-Mar-2013 1:32 PM	09-Apr-2013 9:33 AM	19-Apr-2013 4:30 PM	N
	13877	NA	79-80TF-DU2-SB4	SO	079SB-0050M-0001-SO	240-22562-24		2/1	27-Mar-2013 11:00 AM	09-Apr-2013 9:33 AM	19-Apr-2013 5:27 PM	N
	13877	NA	79-80TF-DU1-SB1	SO	079SB-0037M-0001-SO	240-22562-29		2/1	27-Mar-2013 12:10 PM	09-Apr-2013 9:33 AM	19-Apr-2013 6:24 PM	N
	13877	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001-SO	240-22562-33		2/1	27-Mar-2013 12:47 PM	09-Apr-2013 9:33 AM	19-Apr-2013 7:21 PM	N
14998	13877	NA	LABQC	SQ	LABQC	MB 320-13877/1-A		2/1	09-Apr-2013 9:33 AM	09-Apr-2013 9:33 AM	26-Apr-2013 10:34 AM	LB
	13877	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001-SO	240-22562-7		3/1	27-Mar-2013 3:25 PM	09-Apr-2013 9:33 AM	26-Apr-2013 11:40 AM	N
	13877	NA	78-TPA-TP6	SO	078TP-0039-0001-TP	240-22562-17		4/1	27-Mar-2013 12:11 PM	09-Apr-2013 9:33 AM	26-Apr-2013 12:46 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Batch Report**

Test Method: SW8330B; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
14998	13877	NA	78-TPA-TP7	SO	078TP-0040-0001-TP	240-22562-21		4/1	27-Mar-2013 1:32 PM	09-Apr-2013 9:33 AM	26-Apr-2013 1:52 PM	N
	13877	NA	79-80TF-DU2-SB4	SO	079SB-0050M-0001- SO	240-22562-24		3/1	27-Mar-2013 11:00 AM	09-Apr-2013 9:33 AM	26-Apr-2013 2:58 PM	N
	13877	NA	79-80TF-DU1-SB1	SO	079SB-0037M-0001- SO	240-22562-29		3/1	27-Mar-2013 12:10 PM	09-Apr-2013 9:33 AM	26-Apr-2013 4:05 PM	N
	13877	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001- SO	240-22562-33		3/1	27-Mar-2013 12:47 PM	09-Apr-2013 9:33 AM	26-Apr-2013 5:11 PM	N
14120	13885	NA	LABQC	SQ	LABQC	MB 320-13885/1-A		1/1	09-Apr-2013 10:24 AM	09-Apr-2013 10:24 AM	11-Apr-2013 4:18 PM	LB
	13885	NA	LABQC	SQ	LABQC	LCS 320-13885/2-A		1/1	09-Apr-2013 10:24 AM	09-Apr-2013 10:24 AM	11-Apr-2013 4:36 PM	BS
	13885	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001- SO	240-22562-7		1/1	27-Mar-2013 3:25 PM	09-Apr-2013 10:24 AM	11-Apr-2013 4:54 PM	N
	13885	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001- SO	240-22562-7		1/1	27-Mar-2013 3:25 PM	09-Apr-2013 10:24 AM	11-Apr-2013 5:12 PM	MS
	13885	NA	73-NLCT-DU1-SB4	SO	073SB-0031M-0001- SO	240-22562-7		1/1	27-Mar-2013 3:25 PM	09-Apr-2013 10:24 AM	11-Apr-2013 5:29 PM	SD
	13885	NA	79-80TF-DU2-SB4	SO	079SB-0050M-0001- SO	240-22562-24		1/1	27-Mar-2013 11:00 AM	09-Apr-2013 10:24 AM	11-Apr-2013 6:23 PM	N
	13885	NA	79-80TF-DU1-SB1	SO	079SB-0037M-0001- SO	240-22562-29		1/1	27-Mar-2013 12:10 PM	09-Apr-2013 10:24 AM	11-Apr-2013 6:40 PM	N
	13885	NA	79-80TF-DU1-SB5	SO	079SB-0041M-0001- SO	240-22562-33		1/1	27-Mar-2013 12:47 PM	09-Apr-2013 10:24 AM	11-Apr-2013 6:58 PM	N
14157	13885	NA	LABQC	SQ	LABQC	MB 320-13885/1-A		2/1	09-Apr-2013 10:24 AM	09-Apr-2013 10:24 AM	12-Apr-2013 11:10 AM	LB
	13885	NA	78-TPA-TP6	SO	078TP-0039-0001-TP	240-22562-17		2/1	27-Mar-2013 12:11 PM	09-Apr-2013 10:24 AM	12-Apr-2013 11:29 AM	N
	13885	NA	78-TPA-TP7	SO	078TP-0040-0001-TP	240-22562-21		2/1	27-Mar-2013 1:32 PM	09-Apr-2013 10:24 AM	12-Apr-2013 11:49 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Field Batch Report**

**--No Records Found--**



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW6020 / SW3050B/NONE	Blank	MB 180-68660/1-A (LB) / MB 180-68660/1-A	1 / 1.00	Aluminum	1.5 (MG/KG)	U/None	< 0.27	< 2.8	L		1	1.47
SW6020 / SW3050B/NONE	Blank	MB 180-68660/1-A (LB) / MB 180-68660/1-A	1 / 1.00	Barium	0.022 (MG/KG)	U/None	< 0.01	< 0.94	L		1	0.0215
SW6020 / SW3050B/NONE	Blank	MB 180-68660/1-A (LB) / MB 180-68660/1-A	1 / 1.00	Calcium	1.4 (MG/KG)	U/None	< 1.3	< 9.4	L		1	1.36
SW6020 / SW3050B/NONE	Blank	MB 180-68660/1-A (LB) / MB 180-68660/1-A	1 / 1.00	Cobalt	0.0026 (MG/KG)	U/None	< 0.0023	< 0.047	L		1	0.00260
SW6020 / SW3050B/NONE	Blank	MB 180-68660/1-A (LB) / MB 180-68660/1-A	1 / 1.00	Iron	7.2 (MG/KG)	U/None	< 1	< 4.7	L		1	7.18
SW6020 / SW3050B/NONE	Blank	MB 180-68660/1-A (LB) / MB 180-68660/1-A	1 / 1.00	Manganese	0.093 (MG/KG)	U/None	< 0.015	< 0.47	L		1	0.0926
SW6020 / SW3050B/NONE	Blank	MB 180-68865/1-A (LB) / MB 180-68865/1-A	1 / 1.00	Barium	0.013 (MG/KG)	U/None	< 0.0091	< 0.85	L		1	0.0125
SW6020 / SW3050B/NONE	Blank	MB 180-68865/1-A (LB) / MB 180-68865/1-A	1 / 1.00	Calcium	2.1 (MG/KG)	U/None	< 1.1	< 8.5	L		1	2.14
SW6020 / SW3050B/NONE	Blank	MB 180-68865/1-A (LB) / MB 180-68865/1-A	1 / 1.00	Manganese	0.047 (MG/KG)	U/None	< 0.014	< 0.43	L		1	0.0473
SW6020 / SW3050B/NONE	Blank	MB 180-68898/1-A (LB) / MB 180-68898/1-A	1 / 1.00	Barium	0.0081 (MG/KG)	U/None	< 0.0071	< 0.67	L		1	0.00810
SW6020 / SW3050B/NONE	Blank	MB 180-68898/1-A (LB) / MB 180-68898/1-A	1 / 1.00	Calcium	1.4 (MG/KG)	U/None	< 0.88	< 6.7	L		1	1.44
SW6020 / SW3050B/NONE	Blank	MB 180-68898/1-A (LB) / MB 180-68898/1-A	1 / 1.00	Manganese	0.011 (MG/KG)	U/None	< 0.011	< 0.33	L		1	0.0112
SW6020 / SW3050B/NONE	Blank	MB 180-68898/1-A (LB) / MB 180-68898/1-A	1 / 1.00	Zinc	0.046 (MG/KG)	U/None	< 0.043	< 0.33	L		1	0.0461
SW6020 / TOTAL/NONE	Blank	MB 180-68372/1-A (LB) / MB 180-68372/1-A	1 / 1.00	Lead	0.41 (UG/L)	U/None	< 0.15	< 1	L		1	0.413
SW6020 / TOTAL/NONE	Blank	MB 180-68372/1-A (LB) / MB 180-68372/1-A	1 / 1.00	Potassium	41.7 (UG/L)	U/None	< 32	< 100	L		1	41.7
SW7471A / TOTAL/NONE	Blank	MB 240-80967/1-A (LB) / MB 240-80967/1-A	1 / 1.00	Mercury	0.015 (MG/KG)	U/None	< 0.014	< 0.1	L		1	0.0148
SW8082 / SW3540C/NONE	Surrogate	073SB-0031M-0001-SO (N) / 240-22562-7	1 / 1.00	Decachlorobiphenyl	54.5 (PERCENT)	J/UJ	60 - 125	10 - 125	I			
SW8082 / SW3540C/NONE	Surrogate	078TP-0039-0001-TP (N) / 240-22562-17	1 / 1.00	Decachlorobiphenyl	207 (PERCENT)	J/None	60 - 125	10 - 125	I			
SW8082 / SW3540C/NONE	Surrogate	079SB-0037M-0001-SO (N) / 240-22562-29	1 / 1.00	Decachlorobiphenyl	47.0 (PERCENT)	J/UJ	60 - 125	10 - 125	I			

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8260B / NONE/NONE	Blank	MB 240-80593/7 (LB) / MB 240-80593/7	1 / 1.00	Methylene Chloride	4.3 (UG/KG)	U/None	< 0.67	< 5	L		2	8.50
SW8260B / NONE/NONE	Blank	MB 240-80741/30 (LB) / MB 240-80741/30	1 / 1.00	Acetone	8.6 (UG/KG)	U/None	< 6.3	< 20	L		2	17.2
SW8260B / NONE/NONE	Blank	MB 240-80741/30 (LB) / MB 240-80741/30	1 / 1.00	Methylene Chloride	3.6 (UG/KG)	U/None	< 0.67	< 5	L		2	7.10
SW8260B / SW5035/NONE	Surrogate	073SB-0031M-0001-SO (N) / 240-22562-7	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	82.4 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	078TP-0039-0001-TP (N) / 240-22562-17	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	51.9 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	078TP-0039-0001-TP (N) / 240-22562-17	1 / 1.00	Toluene-d8	69.7 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	078TP-0040-0001-TP (N) / 240-22562-21	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	68.5 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	078TP-0040-0001-TP (N) / 240-22562-21	1 / 1.00	Toluene-d8	79.4 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8270C / SW3510	Prep Hold Time	073SW-0066-0001-SW (N) / 240-22562-16	1 / 1.00	All in Run	7.0 (Days)	J/UJ	< 7	< 14	H2	Prep Exceeds UWL		
SW8270C / SW3550/NONE	Blank	MB 240-81290/19-A (LB) / MB 240-81290/19-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	28.2 (UG/KG)	U/None	< 19	< 50	L		5	141
SW8270C / SW3550/NONE	Blank	MB 240-81290/19-A (LB) / MB 240-81290/19-A	1 / 1.00	Di-n-Butyl Phthalate	15.5 (UG/KG)	U/None	< 15	< 50	L		1	15.5
SW8270C / SW3550/NONE	MS Recovery	073SB-0032M-0001-SO (MS) / 240-22562-8	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0032M-0001-SO (SD) / 240-22562-8	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0032M-0001-SO (MS) / 240-22562-8	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0032M-0001-SO (SD) / 240-22562-8	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0032M-0001-SO (MS) / 240-22562-8	1 / 10.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0032M-0001-SO (MS) / 240-22562-8	1 / 10.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/UJ	30 - 135	30 - 135	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0032M-0001-SO (SD) / 240-22562-8	1 / 10.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/UJ	30 - 135	30 - 135	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0032M-0001-SO (SD) / 240-22562-8	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out		2.00

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	MS Recovery	073SB-0032M-0001-SO (MS) / 240-22562-8	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	073SB-0032M-0001-SO (SD) / 240-22562-8	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	079SB-0041M-0001-SO (MS) / 240-22562-33	1 / 1.00	2,4-Dinitrophenol	12.1 (PERCENT)	J/UJ	15 - 130	15 - 130	M			
SW8270C / SW3550/NONE	MS Recovery	079SB-0041M-0001-SO (SD) / 240-22562-33	1 / 1.00	2,4-Dinitrophenol	14.3 (PERCENT)	J/UJ	15 - 130	15 - 130	M			
SW8270C / SW3550/NONE	Surrogate	078TP-0039-0001-TP (N) / 240-22562-17	1 / 3.00	2-Fluorobiphenyl	33.1 (PERCENT)	J/UJ	45 - 105	10 - 105	I	Diluted Out	2.00	
SW8270C / SW3550/NONE	Surrogate	078TP-0039-0001-TP (N) / 240-22562-17	1 / 3.00	2-Fluorophenol	27.9 (PERCENT)	J/UJ	35 - 105	10 - 105	I	Diluted Out	2.00	
SW8270C / SW3550/NONE	Surrogate	078TP-0039-0001-TP (N) / 240-22562-17	1 / 3.00	Nitrobenzene-d5	24.5 (PERCENT)	J/UJ	35 - 100	10 - 100	I	Diluted Out	2.00	
SW8270C / SW3550/NONE	Surrogate	078TP-0039-0001-TP (N) / 240-22562-17	1 / 3.00	Phenol-d5	33.6 (PERCENT)	J/UJ	40 - 100	10 - 100	I	Diluted Out	2.00	
SW8270C / SW3550/NONE	Surrogate	078TP-0039-0001-TP (N) / 240-22562-17	1 / 3.00	Terphenyl-d14	28.2 (PERCENT)	J/UJ	30 - 125	10 - 125	I	Diluted Out	2.00	
SW8330B / METHOD/NONE	Blank	MB 320-13877/1-A (LB) / MB 320-13877/1-A	2 / 1.00	Tetryl	0.011 (MG/KG)	U/None	< 0.01	< 0.25	L		1	0.0111
SW8330B / METHOD/NONE	Surrogate	078TP-0039-0001-TP (N) / 240-22562-17	3 / 1.00	3,4-Dinitrotoluene	122 (PERCENT)	J/None	78 - 118	10 - 118	I			

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
E353.2/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Nitrocellulose	4.8	0.87	0.87 J		MG/KG	TR
E353.2/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Nitrocellulose	6.0	1.4	1.4 J		MG/KG	TR
E353.2/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Nitrocellulose	4.8	1.2	1.2 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Silver	0.099	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Thallium	0.099	0.079	0.079 J		MG/KG	TR
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Antimony	0.19	0.045	0.045 J		MG/KG	TR/m
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Silver	0.097	0.041	0.041 J		MG/KG	TR
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Silver	0.099	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Thallium	0.099	0.077	0.077 J		MG/KG	TR
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Silver	0.096	0.038	0.038 J		MG/KG	TR
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Thallium	0.096	0.086	0.086 J		MG/KG	TR
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Antimony	0.20	0.047	0.047 J		MG/KG	TR/m
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Selenium	0.50	0.46	0.46 J		MG/KG	TR
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Silver	0.10	0.040	0.040 J		MG/KG	TR
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Selenium	0.50	0.49	0.49 J		MG/KG	TR
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Silver	0.099	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Thallium	0.099	0.097	0.097 J		MG/KG	TR
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Silver	0.10	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Silver	0.10	0.032	0.032 J		MG/KG	TR
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Thallium	0.10	0.080	0.080 J		MG/KG	TR
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Antimony	0.23	0.23	0.23 UJ		MG/KG	m

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Cadmium	0.12	0.088	0.088 J		MG/KG	TR
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Selenium	0.58	0.56	0.56 J		MG/KG	TR
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Silver	0.12	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Thallium	0.12	0.072	0.072 J		MG/KG	TR
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Antimony	0.25	0.25	0.25 UJ		MG/KG	m
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Silver	0.12	0.090	0.090 J		MG/KG	TR
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Thallium	0.12	0.075	0.075 J		MG/KG	TR
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Antimony	0.26	0.26	0.26 UJ		MG/KG	m
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Selenium	0.66	0.60	0.60 J		MG/KG	TR
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Thallium	0.13	0.067	0.067 J		MG/KG	TR
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Antimony	0.28	0.066	0.066 J		MG/KG	TR/m
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Thallium	0.14	0.10	0.10 J		MG/KG	TR
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Cobalt	0.50	0.18	0.18 J		UG/L	TR
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Copper	2.0	1.6	1.6 J		UG/L	TR
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Lead	1.0	0.50	1.0 U	+	UG/L	L
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Silver	1.0	0.16	0.16 J		UG/L	TR
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Zinc	5.0	3.9	5.0 U	+	UG/L	B2
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Cobalt	0.50	0.15	0.15 J		UG/L	TR
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Copper	2.0	1.5	1.5 J		UG/L	TR
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Lead	1.0	0.34	1.0 U	+	UG/L	L
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Nickel	1.0	0.87	0.87 J		UG/L	TR
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Zinc	5.0	3.5	5.0 U	+	UG/L	B2
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Cobalt	0.50	0.18	0.18 J		UG/L	TR
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Copper	2.0	1.5	1.5 J		UG/L	TR
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Lead	1.0	0.34	1.0 U	+	UG/L	L
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Nickel	1.0	0.87	0.87 J		UG/L	TR
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Zinc	5.0	4.0	5.0 U	+	UG/L	B2
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Antimony	0.24	2.9	2.9 J		MG/KG	m
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Silver	0.12	0.049	0.049 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Thallium	0.12	0.096	0.096 J		MG/KG	TR
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Antimony	0.24	0.24	0.24 UJ		MG/KG	m
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Silver	0.12	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Antimony	0.18	0.18	0.18 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Selenium	0.45	0.37	0.37 J		MG/KG	TR
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Silver	0.089	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Zinc	0.45	38.0	38.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Antimony	0.18	0.051	0.051 J		MG/KG	TR/m
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Selenium	0.45	0.22	0.22 J		MG/KG	TR
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Silver	0.089	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Zinc	0.45	53.0	53.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Selenium	0.47	0.34	0.34 J		MG/KG	TR
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Silver	0.093	0.038	0.038 J		MG/KG	TR
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Zinc	0.47	48.0	48.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Selenium	0.48	0.29	0.29 J		MG/KG	TR
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Silver	0.095	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Zinc	0.48	46.0	46.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Antimony	0.20	0.053	0.053 J		MG/KG	TR/m
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Selenium	0.49	0.28	0.28 J		MG/KG	TR
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Silver	0.098	0.020	0.020 J		MG/KG	TR
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Zinc	0.49	53.0	53.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Antimony	0.20	0.21	0.21 J		MG/KG	m
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Selenium	0.50	0.26	0.26 J		MG/KG	TR
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Silver	0.10	0.015	0.015 J		MG/KG	TR
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Zinc	0.50	50.0	50.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Antimony	0.20	0.081	0.081 J		MG/KG	TR/m
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Selenium	0.49	0.26	0.26 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Silver	0.098	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Zinc	0.49	46.0	46.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Antimony	0.19	0.10	0.10 J		MG/KG	TR/m
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Silver	0.095	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Antimony	0.20	0.048	0.048 J		MG/KG	TR/m
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Silver	0.099	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Selenium	0.50	0.44	0.44 J		MG/KG	TR
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Silver	0.10	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Silver	0.097	0.038	0.038 J		MG/KG	TR
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Antimony	0.19	0.32	0.32 J		MG/KG	m
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Selenium	0.46	0.26	0.26 J		MG/KG	TR
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Silver	0.093	0.042	0.042 J		MG/KG	TR
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Zinc	0.46	47.0	47.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Antimony	0.17	0.17	0.17 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Selenium	0.42	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Silver	0.083	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Zinc	0.42	51.0	51.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Selenium	0.49	0.29	0.29 J		MG/KG	TR
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Silver	0.097	0.043	0.043 J		MG/KG	TR
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Zinc	0.49	57.0	57.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Antimony	0.21	0.21	0.21 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Cadmium	0.11	0.053	0.053 J		MG/KG	TR
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Selenium	0.53	0.19	0.19 J		MG/KG	TR
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Silver	0.11	0.015	0.015 J		MG/KG	TR
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Thallium	0.11	0.060	0.060 J		MG/KG	TR
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Zinc	0.53	23.0	23.0 J		MG/KG	A

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Mercury	0.10	0.025	0.10 U	+	MG/KG	L
SW7471A/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Mercury	0.097	0.028	0.097 U	+	MG/KG	L
SW7471A/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Mercury	0.11	0.020	0.11 U	+	MG/KG	L
SW7471A/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Mercury	0.10	0.019	0.10 U	+	MG/KG	L
SW7471A/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Mercury	0.11	0.016	0.11 U	+	MG/KG	L
SW7471A/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Mercury	0.11	0.026	0.11 U	+	MG/KG	L
SW7471A/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Mercury	0.094	0.020	0.094 U	+	MG/KG	L
SW7471A/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Mercury	0.13	0.023	0.13 U	+	MG/KG	L
SW7471A/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Mercury	0.15	0.037	0.15 U	+	MG/KG	L
SW7471A/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Mercury	0.13	0.062	0.13 U	+	MG/KG	L
SW7471A/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Mercury	0.12	0.025	0.12 U	+	MG/KG	L
SW7471A/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Mercury	0.10	0.029	0.029 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Mercury	0.10	0.029	0.029 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Mercury	0.10	0.021	0.021 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Mercury	0.10	0.026	0.10 U	+	MG/KG	L
SW7471A/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Mercury	0.11	0.021	0.11 U	+	MG/KG	L
SW7471A/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Mercury	0.11	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Mercury	0.11	0.015	0.015 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Mercury	0.11	0.031	0.031 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Mercury	0.092	0.019	0.019 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Toxaphene	330	330	330 UJ		UG/KG	V1
SW8081/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Methoxychlor	310	310	310 UJ		UG/KG	V2
SW8081/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Toxaphene	4100	4100	4100 UJ		UG/KG	V1
SW8081/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Methoxychlor	5.9	5.9	5.9 UJ		UG/KG	V2
SW8081/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	p,p'-DDE	2.0	1.1	2.0 U		UG/KG	P1/Y1
SW8081/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Toxaphene	79.0	79.0	79.0 UJ		UG/KG	V1
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Aldrin	4.0	4.0	4.0 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5	2.5	2.5 UJ		UG/KG	I



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	alpha-Chlordane	3.0	3.0	3.0 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	alpha-Endosulfan	1.7	1.7	1.7 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	beta-BHC (beta-Hexachlorocyclohexane)	3.5	3.5	3.5 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	beta-Endosulfan	2.5	2.5	2.5 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	delta-BHC (delta-Hexachlorocyclohexane)	4.0	4.0	4.0 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Dieldrin	1.7	1.7	1.7 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Endosulfan Sulfate	3.0	3.0	3.0 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Endrin	1.7	1.7	1.7 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Endrin Aldehyde	3.0	3.0	3.0 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Endrin Ketone	2.0	2.0	2.0 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	gamma-BHC (Lindane)	2.5	2.5	2.5 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	gamma-Chlordane	1.7	1.7	1.7 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Heptachlor Epoxide	2.5	2.5	2.5 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Methoxychlor	4.9	4.9	4.9 UJ		UG/KG	IV2
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	p,p'-DDD	2.0	2.0	2.0 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	p,p'-DDE	1.7	1.7	1.7 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	p,p'-DDT	2.0	2.0	2.0 UJ		UG/KG	I
SW8081/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Toxaphene	66.0	66.0	66.0 UJ		UG/KG	IV1
SW8081/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Methoxychlor	5.1	5.1	5.1 UJ		UG/KG	V2
SW8081/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Toxaphene	68.0	68.0	68.0 UJ		UG/KG	V1
SW8081/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Methoxychlor	5.1	5.1	5.1 UJ		UG/KG	V2
SW8081/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Toxaphene	68.0	68.0	68.0 UJ		UG/KG	V1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	PCB-1016 (Arochlor 1016)	64.0	64.0	64.0 UJ	-	UG/KG	I
SW8082/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	PCB-1221 (Arochlor 1221)	50.0	50.0	50.0 UJ	-	UG/KG	I
SW8082/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	PCB-1232 (Arochlor 1232)	45.0	45.0	45.0 UJ	-	UG/KG	I
SW8082/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ	-	UG/KG	I
SW8082/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	PCB-1248 (Arochlor 1248)	54.0	54.0	54.0 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	PCB-1254 (Arochlor 1254)	54.0	54.0	54.0 UJ	-	UG/KG	I
SW8082/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	PCB-1260 (Arochlor 1260)	54.0	54.0	54.0 UJ	-	UG/KG	I
SW8082/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	PCB-1254 (Arochlor 1254)	68.0	43.0	68.0 U		UG/KG	P1/Y1
SW8082/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	PCB-1016 (Arochlor 1016)	64.0	64.0	64.0 UJ	-	UG/KG	I
SW8082/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	PCB-1221 (Arochlor 1221)	49.0	49.0	49.0 UJ	-	UG/KG	I
SW8082/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	PCB-1232 (Arochlor 1232)	44.0	44.0	44.0 UJ	-	UG/KG	I
SW8082/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ	-	UG/KG	I
SW8082/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	PCB-1248 (Arochlor 1248)	54.0	54.0	54.0 UJ	-	UG/KG	I
SW8082/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	PCB-1254 (Arochlor 1254)	54.0	54.0	54.0 UJ	-	UG/KG	I
SW8082/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	PCB-1260 (Arochlor 1260)	54.0	54.0	54.0 UJ	-	UG/KG	I
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	1,1,1-Trichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	1,1,2,2-Tetrachloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	1,1,2-Trichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	1,1-Dichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	1,1-Dichloroethene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	1,2-Dibromoethane (EDB)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	1,2-Dichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	1,2-Dichloroethene	9.2	9.2	9.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	1,2-Dichloropropane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	2-Butanone (MEK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	2-Hexanone	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	4-Methyl-2-pentanone (MIBK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Acetone	18.0	18.0	18.0 UJ		UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Benzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Bromochloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Bromodichloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Bromoform	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Bromomethane	4.6	4.6	4.6 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Carbon Disulfide	4.6	2.9	2.9 J	-	UG/KG	I/TR
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Carbon Tetrachloride	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Chlorobenzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Chloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Chloroform	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Chloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	cis-1,3-Dichloropropene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Dibromochloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Ethylbenzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Methylene Chloride	4.6	1.5	4.6 UJ		UG/KG	L/I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Styrene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Tetrachloroethene (PCE)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Toluene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	trans-1,3-Dichloropropene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Trichloroethene (TCE)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Vinyl Chloride	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Xylenes, Total	9.2	9.2	9.2 UJ	-	UG/KG	I
SW8260B/NONE	WG	073SB-0034-0001-TB	240-22562-10	N	Acetone	10.0	8.0	8.0 J		UG/L	TR/J
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,1,1-Trichloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,1,2,2-Tetrachloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,1,2-Trichloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,1-Dichloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,1-Dichloroethene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,2-Dibromoethane (EDB)	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,2-Dichloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,2-Dichloroethene	12.0	12.0	12.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,2-Dichloropropane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Butanone (MEK)	25.0	25.0	25.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Hexanone	25.0	25.0	25.0 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	4-Methyl-2-pentanone (MIBK)	25.0	25.0	25.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Acetone	25.0	12.0	25.0 UJ		UG/KG	I/T
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Bromochloromethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Bromodichloromethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Bromoform	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Bromomethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Carbon Disulfide	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Carbon Tetrachloride	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Chlorobenzene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Chloroethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Chloroform	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Chloromethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	cis-1,3-Dichloropropene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Dibromochloromethane	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Ethylbenzene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Methylene Chloride	6.2	2.0	6.2 UJ		UG/KG	L/I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Styrene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Tetrachloroethene (PCE)	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Toluene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	trans-1,3-Dichloropropene	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Trichloroethene (TCE)	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Vinyl Chloride	6.2	6.2	6.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Xylenes, Total	12.0	12.0	12.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	1,1,1-Trichloroethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	1,1,2,2-Tetrachloroethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	1,1,2-Trichloroethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	1,1-Dichloroethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	1,1-Dichloroethene	6.4	6.4	6.4 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	1,2-Dibromoethane (EDB)	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	1,2-Dichloroethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	1,2-Dichloroethene	13.0	13.0	13.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	1,2-Dichloropropane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	2-Butanone (MEK)	26.0	4.3	4.3 J	-	UG/KG	I/TR
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	2-Hexanone	26.0	0.98	0.98 J	-	UG/KG	I/TR
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	4-Methyl-2-pentanone (MIBK)	26.0	26.0	26.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Acetone	26.0	96.0	96.0 J	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Benzene	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Bromochloromethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Bromodichloromethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Bromoform	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Bromomethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Carbon Disulfide	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Carbon Tetrachloride	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Chlorobenzene	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Chloroethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Chloroform	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Chloromethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	cis-1,3-Dichloropropene	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Dibromochloromethane	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Ethylbenzene	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Methylene Chloride	6.4	2.0	6.4 UJ	-	UG/KG	L/I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Styrene	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Tetrachloroethene (PCE)	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Toluene	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	trans-1,3-Dichloropropene	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Trichloroethene (TCE)	6.4	6.4	6.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Vinyl Chloride	6.4	6.4	6.4 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Xylenes, Total	13.0	13.0	13.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Methylene Chloride	5.5	2.0	5.5 U	+	UG/KG	L
SW8260B/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Methylene Chloride	5.3	1.7	5.3 U	+	UG/KG	L
SW8260B/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Methylene Chloride	4.9	1.6	4.9 U	+	UG/KG	L
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Benzoic acid	6600	6600	6600 R		UG/KG	c
SW8270C/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Fluoranthene	67.0	65.0	65.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	1,4-Dichlorobenzene	49.0	21.0	21.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Benzoic acid	650	650	650 R		UG/KG	c
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Dibenzofuran	49.0	9.2	9.2 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Diethyl Phthalate	49.0	16.0	16.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Fluoranthene	6.6	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Isophorone	49.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Pyrene	6.6	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Benzo(k)fluoranthene	33.0	30.0	30.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Dibenzofuran	250	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Benzo(a)anthracene	34.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Benzo(a)pyrene	34.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Benzo(g,h,i)perylene	34.0	32.0	32.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Benzo(k)fluoranthene	34.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Dibenzofuran	250	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Indeno(1,2,3-c,d)pyrene	34.0	23.0	23.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	1,4-Dichlorobenzene	51.0	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Benzo(b)fluoranthene	6.8	6.0	6.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Benzoic acid	670	670	670 R		UG/KG	c
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	bis(2-Ethylhexyl) Phthalate	51.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Dibenzofuran	51.0	3.5	3.5 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Fluoranthene	6.8	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Pyrene	6.8	6.4	6.4 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Benzo(b)fluoranthene	6.7	4.9	4.9 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Benzo(g,h,i)perylene	6.7	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Dibenzofuran	50.0	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Di-n-Butyl Phthalate	50.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Benzo(b)fluoranthene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Benzoic acid	670	670	670 R		UG/KG	c
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Chrysene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Dibenzofuran	50.0	6.9	6.9 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Fluoranthene	6.7	5.7	5.7 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Pyrene	6.7	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	3,3'-Dichlorobenzidine	1000	1000	1000 J		UG/KG	L
SW8270C/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	4-Nitrophenol	3300	3300	3300 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Benzoic acid	6600	6600	6600 R		UG/KG	c
SW8270C/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Pyrene	67.0	55.0	55.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Benzo(a)pyrene	7.7	4.9	4.9 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Benzoic acid	770	770	770 R		UG/KG	c
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	bis(2-Ethylhexyl) Phthalate	58.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Dibenzofuran	58.0	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Fluoranthene	7.7	6.7	6.7 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Naphthalene	7.7	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Benzo(a)pyrene	8.4	8.3	8.3 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Benzo(g,h,i)perylene	8.4	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Benzo(k)fluoranthene	8.4	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Benzoic acid	840	840	840 R		UG/KG	c
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	bis(2-Ethylhexyl) Phthalate	63.0	36.0	63.0 U	+	UG/KG	L
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Dibenzofuran	63.0	5.3	5.3 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Indeno(1,2,3-c,d)pyrene	8.4	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	2-Methylnaphthalene	9.0	6.5	6.5 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Anthracene	9.0	5.3	5.3 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Benzoic acid	890	890	890 R		UG/KG	c
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	bis(2-Ethylhexyl) Phthalate	68.0	57.0	68.0 U	+	UG/KG	L
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Benzoic acid	930	930	930 R		UG/KG	c
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	bis(2-Ethylhexyl) Phthalate	70.0	32.0	70.0 U	+	UG/KG	L
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Dibenzofuran	70.0	11.0	11.0 J		UG/KG	TR
SW8270C/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Benzoic acid	26.0	26.0	26.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Hexachlorocyclopentadiene	10.0	10.0	10.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Benzoic acid	26.0	26.0	26.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	bis(2-Ethylhexyl) Phthalate	2.0	0.82	0.82 J		UG/L	TR
SW8270C/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Hexachlorocyclopentadiene	10.0	10.0	10.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Benzoic acid	26.0	26.0	26.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Hexachlorocyclopentadiene	11.0	11.0	11.0 R		UG/L	c
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,2,4-Trichlorobenzene	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,2-Dichlorobenzene	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,3-Dichlorobenzene	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,4-Dichlorobenzene	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2,4,5-Trichlorophenol	460	460	460 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2,4,6-Trichlorophenol	460	460	460 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2,4-Dichlorophenol	460	460	460 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2,4-Dimethylphenol	460	460	460 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2,4-Dinitrophenol	1000	1000	1000 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2,4-Dinitrotoluene	610	610	610 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2,6-Dinitrotoluene	610	610	610 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Chloronaphthalene	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Chlorophenol	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Methylnaphthalene	20.0	33.0	33.0 J		UG/KG	I



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Methylphenol (o-Cresol)	610	610	610 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Nitroaniline	610	610	610 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Nitrophenol	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	3,3'-Dichlorobenzidine	310	310	310 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	3-Nitroaniline	610	610	610 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	4,6-Dinitro-2-Methylphenol	460	460	460 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	4-Bromophenyl phenyl ether	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	4-Chloro-3-Methylphenol	460	460	460 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	4-Chloroaniline	460	460	460 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	4-Chlorophenyl Phenyl Ether	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	4-Nitroaniline	610	610	610 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	4-Nitrophenol	1000	1000	1000 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Acenaphthene	20.0	20.0	20.0 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Acenaphthylene	20.0	34.0	34.0 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Anthracene	20.0	75.0	75.0 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzo(a)anthracene	20.0	710	710 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzo(a)pyrene	20.0	530	530 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzo(b)fluoranthene	20.0	820	820 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzo(g,h,i)perylene	20.0	390	390 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzo(k)fluoranthene	20.0	400	400 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzoic acid	2000	2000	2000 R		UG/KG	c/I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzyl alcohol	1000	1000	1000 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzyl butyl phthalate	210	210	210 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	bis(2-Chloroethoxy) Methane	310	310	310 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	310	310	310 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	bis(2-Chloroisopropyl) Ether	310	310	310 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	bis(2-Ethylhexyl) Phthalate	210	210	210 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Carbazole	150	150	150 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Chrysene	20.0	740	740 J		UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Cresols, m & p	1200	1200	1200 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Dibenz(a,h)anthracene	20.0	110	110 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Dibenzofuran	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Diethyl Phthalate	210	210	210 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Dimethyl Phthalate	210	210	210 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Di-n-Butyl Phthalate	210	210	210 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Di-n-Octylphthalate	210	210	210 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Fluoranthene	20.0	1200	1200 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Fluorene	20.0	20.0	20.0 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Hexachlorobenzene	20.0	20.0	20.0 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Hexachlorobutadiene	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Hexachlorocyclopentadiene	1000	1000	1000 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Hexachloroethane	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Indeno(1,2,3-c,d)pyrene	20.0	330	330 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Isophorone	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Naphthalene	20.0	31.0	31.0 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Nitrobenzene	310	310	310 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	n-Nitrosodi-n-propylamine	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	n-Nitrosodiphenylamine	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Pentachlorophenol	460	460	460 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Phenanthrene	20.0	260	260 J		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Phenol	150	150	150 UJ		UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Pyrene	20.0	960	960 J		UG/KG	I
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Benzo(a)anthracene	8.0	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Benzo(a)pyrene	8.0	5.3	5.3 J		UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Benzo(b)fluoranthene	8.0	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Benzoic acid	790	790	790 R		UG/KG	c
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	bis(2-Ethylhexyl) Phthalate	60.0	25.0	25.0 J		UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Chrysene	8.0	6.5	6.5 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Fluoranthene	8.0	6.1	6.1 J		UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Pyrene	8.0	5.5	5.5 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Benzo(a)anthracene	6.7	5.3	5.3 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Benzo(a)pyrene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Benzo(g,h,i)perylene	6.7	4.6	4.6 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Benzo(k)fluoranthene	6.7	3.5	3.5 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Benzoic acid	670	670	670 R		UG/KG	c
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	bis(2-Ethylhexyl) Phthalate	51.0	39.0	39.0 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Indeno(1,2,3-c,d)pyrene	6.7	4.0	4.0 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	2,4-Dinitrophenol	330	330	330 UJ	-	UG/KG	M
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Benzoic acid	660	660	660 R		UG/KG	c/m
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Fluorene	6.7	4.1	4.1 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Benzoic acid	670	670	670 R		UG/KG	c
SW8270C/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	bis(2-Ethylhexyl) Phthalate	51.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Phenanthrene	6.8	5.3	5.3 J		UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8330B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	2,4-Dinitrotoluene	0.25	0.010	0.010 J		MG/KG	TR
SW8330B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Tetryl	0.25	0.010	0.010 J		MG/KG	TR
SW8330B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,3,5-Trinitrobenzene	0.25	0.13	0.13 J	+	MG/KG	I/TR
SW8330B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2,4,6-Trinitrotoluene	0.25	7.1	7.1 J	+	MG/KG	I
SW8330B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2,4-Dinitrotoluene	0.25	0.093	0.25 U		MG/KG	P1/Y1
SW8330B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Amino-4,6-dinitrotoluene	0.25	2.4	2.4 J	+	MG/KG	I
SW8330B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	4-Amino-2,6-Dinitrotoluene	0.25	2.5	2.5 J	+	MG/KG	I
SW8330B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	1,3,5-Trinitrobenzene	0.25	0.050	0.25 U		MG/KG	P1/Y1
SW8330B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	2-Amino-4,6-dinitrotoluene	0.25	0.11	0.11 J		MG/KG	TR
SW8330B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	4-Amino-2,6-Dinitrotoluene	0.25	0.064	0.064 J		MG/KG	TR
SW8330B/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	2,4-Dinitrotoluene	0.25	0.010	0.010 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
E353.2/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Nitrocellulose	4.8	0.87	0.87 J	MG/KG	TR
E353.2/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Nitrocellulose	6.1	14.0	14.0	MG/KG	
E353.2/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Nitrocellulose	6.0	1.4	1.4 J	MG/KG	TR
E353.2/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Nitrocellulose	4.8	1.2	1.2 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Silver	0.099	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Aluminum	3.0	7500	7500	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Arsenic	0.099	6.4	6.4	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Barium	0.99	67.0	67.0	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Beryllium	0.099	0.72	0.72	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Calcium	9.9	17000	17000	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Cadmium	0.099	0.20	0.20	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Cobalt	0.050	5.2	5.2	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Chromium	0.20	8.3	8.3	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Copper	0.20	8.3	8.3	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Iron	5.0	13000	13000	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Potassium	9.9	570	570	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Magnesium	9.9	3000	3000	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Manganese	0.50	870	870	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Sodium	9.9	95.0	95.0	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Nickel	0.099	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Lead	0.099	8.6	8.6	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Selenium	0.50	0.58	0.58	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Thallium	0.099	0.079	0.079 J	MG/KG	TR
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Vanadium	0.099	9.7	9.7	MG/KG	
SW6020/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Zinc	0.50	31.0	31.0	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Silver	0.097	0.041	0.041 J	MG/KG	TR
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Aluminum	2.9	7300	7300	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Arsenic	0.097	8.3	8.3	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Barium	0.97	86.0	86.0	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Beryllium	0.097	0.44	0.44	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Calcium	9.7	6900	6900	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Cadmium	0.097	0.23	0.23	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Cobalt	0.049	8.6	8.6	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Chromium	0.19	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Iron	4.9	20000	20000	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Potassium	9.7	750	750	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Magnesium	9.7	3400	3400	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Manganese	0.49	690	690	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Sodium	9.7	41.0	41.0	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Nickel	0.097	20.0	20.0	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Lead	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Antimony	0.19	0.045	0.045 J	MG/KG	TR/m
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Selenium	0.49	0.54	0.54	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Thallium	0.097	0.12	0.12	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Vanadium	0.097	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Zinc	0.49	50.0	50.0	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Silver	0.099	0.035	0.035 J	MG/KG	TR
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Aluminum	3.0	8500	8500	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Arsenic	0.099	4.1	4.1	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Barium	0.99	80.0	80.0	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Beryllium	0.099	0.97	0.97	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Calcium	9.9	24000	24000	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Cadmium	0.099	0.25	0.25	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Cobalt	0.050	5.1	5.1	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Chromium	0.20	7.2	7.2	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Copper	0.20	9.0	9.0	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Iron	5.0	10000	10000	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Potassium	9.9	730	730	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Magnesium	9.9	3900	3900	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Manganese	0.50	840	840	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Sodium	9.9	160	160	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Nickel	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Lead	0.099	9.4	9.4	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Selenium	0.50	0.62	0.62	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Thallium	0.099	0.077	0.077 J	MG/KG	TR
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Vanadium	0.099	8.7	8.7	MG/KG	
SW6020/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Zinc	0.50	28.0	28.0	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Silver	0.096	0.038	0.038 J	MG/KG	TR
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Aluminum	2.9	8300	8300	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Arsenic	0.096	5.3	5.3	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Barium	0.96	74.0	74.0	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Beryllium	0.096	0.84	0.84	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Calcium	9.6	21000	21000	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Cadmium	0.096	0.25	0.25	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Cobalt	0.048	6.1	6.1	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Chromium	0.19	8.4	8.4	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Copper	0.19	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Iron	4.8	12000	12000	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Potassium	9.6	690	690	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Magnesium	9.6	3400	3400	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Manganese	0.48	780	780	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Sodium	9.6	110	110	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Nickel	0.096	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Lead	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Selenium	0.48	0.69	0.69	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Thallium	0.096	0.086	0.086 J	MG/KG	TR
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Vanadium	0.096	9.9	9.9	MG/KG	
SW6020/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Zinc	0.48	33.0	33.0	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Silver	0.10	0.040	0.040 J	MG/KG	TR
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Aluminum	3.0	7000	7000	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Arsenic	0.10	8.0	8.0	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Barium	1.0	75.0	75.0	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Beryllium	0.10	0.46	0.46	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Calcium	10.0	4700	4700	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Cadmium	0.10	0.26	0.26	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Cobalt	0.050	8.8	8.8	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Chromium	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Iron	5.0	20000	20000	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Potassium	10.0	840	840	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Magnesium	10.0	2900	2900	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Manganese	0.50	770	770	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Sodium	10.0	46.0	46.0	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Nickel	0.10	21.0	21.0	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Lead	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Antimony	0.20	0.047	0.047 J	MG/KG	TR/m
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Selenium	0.50	0.46	0.46 J	MG/KG	TR
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Vanadium	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Zinc	0.50	53.0	53.0	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Silver	0.099	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Aluminum	3.0	5000	5000	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Arsenic	0.099	7.2	7.2	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Barium	0.99	120	120	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Beryllium	0.099	0.31	0.31	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Calcium	9.9	2900	2900	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Cadmium	0.099	0.13	0.13	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Cobalt	0.050	7.1	7.1	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Chromium	0.20	8.0	8.0	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Copper	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Iron	5.0	15000	15000	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Potassium	9.9	740	740	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Magnesium	9.9	2300	2300	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Manganese	0.50	1100	1100	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Sodium	9.9	34.0	34.0	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Nickel	0.099	15.0	15.0	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Lead	0.099	8.3	8.3	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Selenium	0.50	0.49	0.49 J	MG/KG	TR
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Thallium	0.099	0.097	0.097 J	MG/KG	TR
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Vanadium	0.099	8.6	8.6	MG/KG	
SW6020/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Zinc	0.50	42.0	42.0	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Silver	0.10	0.035	0.035 J	MG/KG	TR
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Aluminum	3.0	7500	7500	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Arsenic	0.10	6.6	6.6	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Barium	1.0	51.0	51.0	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Beryllium	0.10	0.45	0.45	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Calcium	10.0	4600	4600	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Cadmium	0.10	0.16	0.16	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Cobalt	0.050	8.1	8.1	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Chromium	0.20	10.0	10.0	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Copper	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Iron	5.0	19000	19000	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Potassium	10.0	650	650	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Magnesium	10.0	2700	2700	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Manganese	0.50	340	340	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Sodium	10.0	40.0	40.0	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Nickel	0.10	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Selenium	0.50	0.57	0.57	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Thallium	0.10	0.12	0.12	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Vanadium	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Zinc	0.50	42.0	42.0	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Silver	0.10	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Aluminum	3.0	7300	7300	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Arsenic	0.10	6.1	6.1	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Barium	1.0	66.0	66.0	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Beryllium	0.10	0.68	0.68	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Calcium	10.0	14000	14000	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Cadmium	0.10	0.20	0.20	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Cobalt	0.050	6.4	6.4	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Chromium	0.20	8.2	8.2	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Copper	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Iron	5.0	14000	14000	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Potassium	10.0	590	590	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Magnesium	10.0	3100	3100	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Manganese	0.50	460	460	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Sodium	10.0	83.0	83.0	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Nickel	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Lead	0.10	9.7	9.7	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Selenium	0.50	0.72	0.72	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Thallium	0.10	0.080	0.080 J	MG/KG	TR
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Vanadium	0.10	9.7	9.7	MG/KG	
SW6020/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Zinc	0.50	32.0	32.0	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Silver	0.12	0.024	0.024 J	MG/KG	TR
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Aluminum	3.5	4700	4700	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Arsenic	0.12	7.8	7.8	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Barium	1.2	24.0	24.0	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Beryllium	0.12	0.25	0.25	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Calcium	12.0	3800	3800	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Cadmium	0.12	0.088	0.088 J	MG/KG	TR
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Cobalt	0.058	6.9	6.9	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Chromium	0.23	7.2	7.2	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Copper	0.23	18.0	18.0	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Iron	5.8	16000	16000	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Potassium	12.0	790	790	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Magnesium	12.0	3100	3100	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Manganese	0.58	170	170	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Sodium	12.0	46.0	46.0	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Nickel	0.12	15.0	15.0	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Lead	0.12	8.1	8.1	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Selenium	0.58	0.56	0.56 J	MG/KG	TR
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Thallium	0.12	0.072	0.072 J	MG/KG	TR
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Vanadium	0.12	7.5	7.5	MG/KG	
SW6020/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Zinc	0.58	41.0	41.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Silver	0.12	0.090	0.090 J	MG/KG	TR
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Aluminum	3.7	4600	4600	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Arsenic	0.12	9.0	9.0	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Barium	1.2	41.0	41.0	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Beryllium	0.12	0.27	0.27	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Calcium	12.0	1200	1200	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Cadmium	0.12	0.21	0.21	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Cobalt	0.062	5.8	5.8	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Chromium	0.25	6.8	6.8	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Copper	0.25	9.2	9.2	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Iron	6.2	18000	18000	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Potassium	12.0	440	440	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Magnesium	12.0	1200	1200	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Manganese	0.62	640	640	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Sodium	12.0	32.0	32.0	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Nickel	0.12	11.0	11.0	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Lead	0.12	9.4	9.4	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Selenium	0.62	0.70	0.70	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Thallium	0.12	0.075	0.075 J	MG/KG	TR
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Vanadium	0.12	8.0	8.0	MG/KG	
SW6020/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Zinc	0.62	46.0	46.0	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Silver	0.13	1.0	1.0	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Aluminum	4.0	3800	3800	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Arsenic	0.13	8.0	8.0	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Barium	1.3	37.0	37.0	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Beryllium	0.13	0.23	0.23	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Calcium	13.0	1800	1800	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Cadmium	0.13	0.20	0.20	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Cobalt	0.066	5.4	5.4	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Chromium	0.26	6.0	6.0	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Copper	0.26	10.0	10.0	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Iron	6.6	13000	13000	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Potassium	13.0	460	460	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Magnesium	13.0	1400	1400	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Manganese	0.66	630	630	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Sodium	13.0	34.0	34.0	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Nickel	0.13	11.0	11.0	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Lead	0.13	8.2	8.2	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Selenium	0.66	0.60	0.60 J	MG/KG	TR
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Thallium	0.13	0.067	0.067 J	MG/KG	TR
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Vanadium	0.13	6.9	6.9	MG/KG	
SW6020/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Zinc	0.66	40.0	40.0	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Silver	0.14	0.19	0.19	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Aluminum	4.2	6000	6000	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Arsenic	0.14	9.2	9.2	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Barium	1.4	53.0	53.0	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Beryllium	0.14	0.38	0.38	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Calcium	14.0	2400	2400	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Cadmium	0.14	0.29	0.29	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Cobalt	0.069	7.9	7.9	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Chromium	0.28	9.5	9.5	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Copper	0.28	16.0	16.0	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Iron	6.9	18000	18000	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Potassium	14.0	650	650	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Magnesium	14.0	2000	2000	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Manganese	0.69	720	720	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Sodium	14.0	42.0	42.0	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Nickel	0.14	17.0	17.0	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Lead	0.14	14.0	14.0	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Antimony	0.28	0.066	0.066 J	MG/KG	TR/m
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Selenium	0.69	0.75	0.75	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Thallium	0.14	0.10	0.10 J	MG/KG	TR
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Vanadium	0.14	11.0	11.0	MG/KG	
SW6020/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Zinc	0.69	61.0	61.0	MG/KG	
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Silver	1.0	0.16	0.16 J	UG/L	TR
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Aluminum	30.0	200	200	UG/L	
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Barium	10.0	16.0	16.0	UG/L	
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Calcium	100	19000	19000	UG/L	
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Cobalt	0.50	0.18	0.18 J	UG/L	TR
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Chromium	2.0	3.1	3.1	UG/L	
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Copper	2.0	1.6	1.6 J	UG/L	TR
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Iron	50.0	520	520	UG/L	
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Potassium	100	970	970	UG/L	
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Magnesium	100	4300	4300	UG/L	
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Manganese	5.0	61.0	61.0	UG/L	
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Sodium	100	2800	2800	UG/L	
SW6020/NONE	WS	073SW-0063-0001-SW	240-22562-14	N	Nickel	1.0	1.0	1.0	UG/L	
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Aluminum	30.0	170	170	UG/L	
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Barium	10.0	15.0	15.0	UG/L	
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Calcium	100	19000	19000	UG/L	
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Cobalt	0.50	0.15	0.15 J	UG/L	TR
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Chromium	2.0	2.6	2.6	UG/L	
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Copper	2.0	1.5	1.5 J	UG/L	TR
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Iron	50.0	450	450	UG/L	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Potassium	100	920	920	UG/L	
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Magnesium	100	4300	4300	UG/L	
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Manganese	5.0	56.0	56.0	UG/L	
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Sodium	100	2700	2700	UG/L	
SW6020/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	Nickel	1.0	0.87	0.87 J	UG/L	TR
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Aluminum	30.0	200	200	UG/L	
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Barium	10.0	16.0	16.0	UG/L	
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Calcium	100	19000	19000	UG/L	
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Cobalt	0.50	0.18	0.18 J	UG/L	TR
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Chromium	2.0	2.1	2.1	UG/L	
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Copper	2.0	1.5	1.5 J	UG/L	TR
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Iron	50.0	500	500	UG/L	
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Potassium	100	930	930	UG/L	
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Magnesium	100	4300	4300	UG/L	
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Manganese	5.0	60.0	60.0	UG/L	
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Sodium	100	2700	2700	UG/L	
SW6020/NONE	WS	073SW-0066-0001-SW	240-22562-16	N	Nickel	1.0	0.87	0.87 J	UG/L	TR
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Silver	0.12	0.049	0.049 J	MG/KG	TR
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Aluminum	3.6	4200	4200	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Arsenic	0.12	4.1	4.1	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Barium	1.2	57.0	57.0	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Beryllium	0.12	0.30	0.30	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Calcium	12.0	1500	1500	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Cadmium	0.12	0.42	0.42	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Cobalt	0.061	6.7	6.7	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Chromium	0.24	8.5	8.5	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Copper	0.24	19.0	19.0	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Iron	6.1	12000	12000	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Potassium	12.0	470	470	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Magnesium	12.0	1000	1000	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Manganese	0.61	640	640	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Sodium	12.0	22.0	22.0	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Nickel	0.12	11.0	11.0	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Lead	0.12	130	130	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Antimony	0.24	2.9	2.9 J	MG/KG	m
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Selenium	0.61	0.65	0.65	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Thallium	0.12	0.096	0.096 J	MG/KG	TR
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Vanadium	0.12	8.8	8.8	MG/KG	
SW6020/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Zinc	0.61	83.0	83.0	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Silver	0.12	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Aluminum	3.6	6000	6000	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Arsenic	0.12	0.56	0.56	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Barium	1.2	45.0	45.0	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Beryllium	0.12	0.44	0.44	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Calcium	12.0	410	410	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Cadmium	0.12	0.31	0.31	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Cobalt	0.060	7.6	7.6	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Chromium	0.24	9.0	9.0	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Copper	0.24	9.6	9.6	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Iron	6.0	9600	9600	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Potassium	12.0	910	910	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Magnesium	12.0	1400	1400	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Manganese	0.60	520	520	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Sodium	12.0	37.0	37.0	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Nickel	0.12	12.0	12.0	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Lead	0.12	12.0	12.0	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Selenium	0.60	0.60	0.60	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Thallium	0.12	0.18	0.18	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Vanadium	0.12	7.8	7.8	MG/KG	
SW6020/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Zinc	0.60	89.0	89.0	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Silver	0.089	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Aluminum	2.7	9100	9100	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Arsenic	0.089	9.2	9.2	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Barium	0.89	50.0	50.0	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Beryllium	0.089	0.37	0.37	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Calcium	8.9	860	860	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Cadmium	0.089	0.095	0.095	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Cobalt	0.045	7.4	7.4	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Chromium	0.18	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Copper	0.18	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Iron	4.5	20000	20000	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Potassium	8.9	680	680	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Magnesium	8.9	1800	1800	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Manganese	0.45	300	300	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Sodium	8.9	35.0	35.0	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Nickel	0.089	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Lead	0.089	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Selenium	0.45	0.37	0.37 J	MG/KG	TR
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Thallium	0.089	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Vanadium	0.089	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Zinc	0.45	38.0	38.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Silver	0.089	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Aluminum	2.7	6700	6700	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Arsenic	0.089	12.0	12.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Barium	0.89	44.0	44.0	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Beryllium	0.089	0.37	0.37	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Calcium	8.9	920	920	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Cadmium	0.089	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Cobalt	0.045	8.5	8.5	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Chromium	0.18	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Copper	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Iron	4.5	21000	21000	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Potassium	8.9	820	820	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Magnesium	8.9	2100	2100	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Manganese	0.45	390	390	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Sodium	8.9	35.0	35.0	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Nickel	0.089	21.0	21.0	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Lead	0.089	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Antimony	0.18	0.051	0.051 J	MG/KG	TR/m
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Selenium	0.45	0.22	0.22 J	MG/KG	TR
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Thallium	0.089	0.12	0.12	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Vanadium	0.089	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0035M-0001-SO	240-22562-28	N	Zinc	0.45	53.0	53.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Silver	0.093	0.038	0.038 J	MG/KG	TR
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Aluminum	2.8	8100	8100	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Arsenic	0.093	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Barium	0.93	52.0	52.0	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Beryllium	0.093	0.41	0.41	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Calcium	9.3	1400	1400	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Cadmium	0.093	0.12	0.12	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Cobalt	0.047	9.6	9.6	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Chromium	0.19	11.0	11.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Iron	4.7	21000	21000	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Potassium	9.3	710	710	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Magnesium	9.3	2000	2000	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Manganese	0.47	610	610	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Sodium	9.3	36.0	36.0	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Nickel	0.093	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Lead	0.093	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Selenium	0.47	0.34	0.34 J	MG/KG	TR
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Thallium	0.093	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Vanadium	0.093	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Zinc	0.47	48.0	48.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Silver	0.095	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Aluminum	2.9	9000	9000	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Arsenic	0.095	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Barium	0.95	58.0	58.0	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Beryllium	0.095	0.44	0.44	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Calcium	9.5	1400	1400	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Cadmium	0.095	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Cobalt	0.048	8.4	8.4	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Chromium	0.19	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Iron	4.8	22000	22000	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Potassium	9.5	780	780	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Magnesium	9.5	2100	2100	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Manganese	0.48	380	380	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Sodium	9.5	36.0	36.0	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Nickel	0.095	19.0	19.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Lead	0.095	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Selenium	0.48	0.29	0.29 J	MG/KG	TR
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Thallium	0.095	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Vanadium	0.095	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0038M-0001-SO	240-22562-30	N	Zinc	0.48	46.0	46.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Silver	0.098	0.020	0.020 J	MG/KG	TR
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Aluminum	2.9	7800	7800	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Arsenic	0.098	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Barium	0.98	46.0	46.0	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Beryllium	0.098	0.42	0.42	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Calcium	9.8	890	890	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Cadmium	0.098	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Cobalt	0.049	9.3	9.3	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Iron	4.9	23000	23000	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Potassium	9.8	770	770	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Magnesium	9.8	2400	2400	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Manganese	0.49	350	350	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Sodium	9.8	36.0	36.0	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Nickel	0.098	21.0	21.0	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Lead	0.098	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Antimony	0.20	0.053	0.053 J	MG/KG	TR/m
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Selenium	0.49	0.28	0.28 J	MG/KG	TR
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Thallium	0.098	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Vanadium	0.098	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0039M-0001-SO	240-22562-31	N	Zinc	0.49	53.0	53.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Silver	0.10	0.015	0.015 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Aluminum	3.0	7100	7100	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Arsenic	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Barium	1.0	47.0	47.0	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Beryllium	0.10	0.39	0.39	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Calcium	10.0	470	470	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Cadmium	0.10	0.11	0.11	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Cobalt	0.050	8.1	8.1	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Chromium	0.20	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Copper	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Iron	5.0	21000	21000	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Potassium	10.0	670	670	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Magnesium	10.0	2100	2100	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Manganese	0.50	260	260	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Sodium	10.0	38.0	38.0	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Nickel	0.10	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Lead	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Antimony	0.20	0.21	0.21 J	MG/KG	m
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Selenium	0.50	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Thallium	0.10	0.11	0.11	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Vanadium	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0040M-0001-SO	240-22562-32	N	Zinc	0.50	50.0	50.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Silver	0.098	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Aluminum	2.9	8300	8300	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Arsenic	0.098	8.5	8.5	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Barium	0.98	65.0	65.0	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Beryllium	0.098	0.41	0.41	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Calcium	9.8	1500	1500	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Cadmium	0.098	0.13	0.13	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Cobalt	0.049	8.6	8.6	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Copper	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Iron	4.9	22000	22000	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Potassium	9.8	720	720	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Magnesium	9.8	2300	2300	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Manganese	0.49	480	480	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Sodium	9.8	35.0	35.0	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Nickel	0.098	21.0	21.0	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Lead	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Antimony	0.20	0.081	0.081 J	MG/KG	TR/m
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Selenium	0.49	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Thallium	0.098	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Vanadium	0.098	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Zinc	0.49	46.0	46.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Silver	0.095	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Aluminum	2.9	6900	6900	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Arsenic	0.095	8.5	8.5	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Barium	0.95	54.0	54.0	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Beryllium	0.095	0.39	0.39	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Calcium	9.5	1000	1000	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Cadmium	0.095	0.095	0.095	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Cobalt	0.048	6.9	6.9	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Chromium	0.19	9.9	9.9	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Copper	0.19	9.6	9.6	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Iron	4.8	17000	17000	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Potassium	9.5	530	530	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Magnesium	9.5	1300	1300	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Manganese	0.48	470	470	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Sodium	9.5	34.0	34.0	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Nickel	0.095	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Lead	0.095	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Antimony	0.19	0.10	0.10 J	MG/KG	TR/m
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Selenium	0.48	0.57	0.57	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Thallium	0.095	0.11	0.11	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Vanadium	0.095	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0042M-0001-SO	240-22562-18	N	Zinc	0.48	31.0	31.0	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Silver	0.099	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Aluminum	3.0	7100	7100	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Arsenic	0.099	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Barium	0.99	44.0	44.0	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Beryllium	0.099	0.38	0.38	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Calcium	9.9	2600	2600	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Cadmium	0.099	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Cobalt	0.050	9.4	9.4	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Chromium	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Copper	0.20	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Iron	5.0	23000	23000	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Potassium	9.9	930	930	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Magnesium	9.9	2900	2900	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Manganese	0.50	460	460	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Sodium	9.9	48.0	48.0	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Nickel	0.099	23.0	23.0	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Lead	0.099	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Antimony	0.20	0.048	0.048 J	MG/KG	TR/m
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Selenium	0.50	0.51	0.51	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Thallium	0.099	0.12	0.12	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Vanadium	0.099	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0044M-0001-SO	240-22562-19	N	Zinc	0.50	56.0	56.0	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Silver	0.10	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Aluminum	3.0	7400	7400	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Arsenic	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Barium	1.0	44.0	44.0	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Beryllium	0.10	0.41	0.41	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Calcium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Cadmium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Cobalt	0.050	9.3	9.3	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Chromium	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Copper	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Iron	5.0	24000	24000	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Potassium	10.0	820	820	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Magnesium	10.0	2400	2400	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Manganese	0.50	450	450	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Sodium	10.0	39.0	39.0	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Nickel	0.10	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Lead	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Selenium	0.50	0.44	0.44 J	MG/KG	TR
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Vanadium	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0046M-0001-SO	240-22562-20	N	Zinc	0.50	48.0	48.0	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Silver	0.097	0.038	0.038 J	MG/KG	TR
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Aluminum	2.9	8500	8500	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Arsenic	0.097	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Barium	0.97	53.0	53.0	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Beryllium	0.097	0.45	0.45	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Calcium	9.7	1100	1100	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Cadmium	0.097	0.11	0.11	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Cobalt	0.049	6.8	6.8	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Chromium	0.19	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Iron	4.9	25000	25000	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Potassium	9.7	740	740	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Magnesium	9.7	2100	2100	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Manganese	0.49	290	290	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Sodium	9.7	42.0	42.0	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Nickel	0.097	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Lead	0.097	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Selenium	0.49	0.61	0.61	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Thallium	0.097	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Vanadium	0.097	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Zinc	0.49	45.0	45.0	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Silver	0.093	0.042	0.042 J	MG/KG	TR
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Aluminum	2.8	6800	6800	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Arsenic	0.093	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Barium	0.93	44.0	44.0	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Beryllium	0.093	0.36	0.36	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Calcium	9.3	1200	1200	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Cadmium	0.093	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Cobalt	0.046	8.8	8.8	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Chromium	0.19	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Iron	4.6	20000	20000	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Potassium	9.3	760	760	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Magnesium	9.3	2000	2000	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Manganese	0.46	380	380	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Sodium	9.3	43.0	43.0	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Nickel	0.093	22.0	22.0	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Lead	0.093	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Antimony	0.19	0.32	0.32 J	MG/KG	m
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Selenium	0.46	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Thallium	0.093	0.11	0.11	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Vanadium	0.093	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Zinc	0.46	47.0	47.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Silver	0.083	0.024	0.024 J	MG/KG	TR
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Aluminum	2.5	7300	7300	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Arsenic	0.083	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Barium	0.83	40.0	40.0	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Beryllium	0.083	0.37	0.37	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Calcium	8.3	880	880	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Cadmium	0.083	0.10	0.10	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Cobalt	0.042	9.3	9.3	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Chromium	0.17	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Copper	0.17	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Iron	4.2	20000	20000	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Potassium	8.3	860	860	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Magnesium	8.3	2100	2100	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Manganese	0.42	480	480	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Sodium	8.3	43.0	43.0	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Nickel	0.083	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Lead	0.083	11.0	11.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Selenium	0.42	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Thallium	0.083	0.12	0.12	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Vanadium	0.083	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Zinc	0.42	51.0	51.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Silver	0.097	0.043	0.043 J	MG/KG	TR
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Aluminum	2.9	8500	8500	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Arsenic	0.097	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Barium	0.97	63.0	63.0	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Beryllium	0.097	0.54	0.54	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Calcium	9.7	3000	3000	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Cadmium	0.097	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Cobalt	0.049	9.1	9.1	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Chromium	0.19	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Copper	0.19	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Iron	4.9	23000	23000	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Potassium	9.7	960	960	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Magnesium	9.7	2300	2300	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Manganese	0.49	980	980	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Sodium	9.7	47.0	47.0	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Nickel	0.097	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Lead	0.097	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Selenium	0.49	0.29	0.29 J	MG/KG	TR
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Thallium	0.097	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Vanadium	0.097	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Zinc	0.49	57.0	57.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Silver	0.11	0.015	0.015 J	MG/KG	TR
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Aluminum	3.2	2800	2800	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Arsenic	0.11	6.4	6.4	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Barium	1.1	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Beryllium	0.11	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Calcium	11.0	6000	6000	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Cadmium	0.11	0.053	0.053 J	MG/KG	TR
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Cobalt	0.053	3.5	3.5	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Chromium	0.21	4.7	4.7	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Copper	0.21	8.4	8.4	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Iron	5.3	8800	8800	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Potassium	11.0	710	710	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Magnesium	11.0	2200	2200	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Manganese	0.53	140	140	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Sodium	11.0	40.0	40.0	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Nickel	0.11	9.1	9.1	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Lead	0.11	5.3	5.3	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Selenium	0.53	0.19	0.19 J	MG/KG	TR
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Thallium	0.11	0.060	0.060 J	MG/KG	TR
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Vanadium	0.11	5.2	5.2	MG/KG	
SW6020/NONE	SO	079SB-0052M-0001-SO	240-22562-26	N	Zinc	0.53	23.0	23.0 J	MG/KG	A

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	079SB-0033M-0001-SO	240-22562-27	N	Mercury	0.10	0.029	0.029 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Mercury	0.10	0.029	0.029 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Mercury	0.10	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0047M-0001-SO	240-22562-22	N	Mercury	0.11	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0048M-0001-SO	240-22562-23	N	Mercury	0.11	0.015	0.015 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Mercury	0.11	0.031	0.031 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0051M-0001-SO	240-22562-25	N	Mercury	0.092	0.019	0.019 J	MG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Carbon Disulfide	4.6	2.9	2.9 J -	UG/KG	I/TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	073SB-0034-0001-TB	240-22562-10	N	Acetone	10.0	8.0	8.0 J	UG/L	TR/J
SW8260B/NONE	WG	073SB-0034-0001-TB	240-22562-10	N	Methylene Chloride	1.0	1.1	1.1	UG/L	
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Acetone	26.0	96.0	96.0 J -	UG/KG	I
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	2-Hexanone	26.0	0.98	0.98 J -	UG/KG	I/TR
SW8260B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	2-Butanone (MEK)	26.0	4.3	4.3 J -	UG/KG	I/TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Fluoranthene	67.0	65.0	65.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	2-Methylnaphthalene	67.0	140	140	UG/KG	
SW8270C/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Phenanthrene	67.0	180	180	UG/KG	
SW8270C/NONE	SO	073SB-0025M-0001-SO	240-22562-1	N	Pyrene	67.0	70.0	70.0	UG/KG	
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	bis(2-Ethylhexyl) Phthalate	49.0	74.0	74.0	UG/KG	
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Benzo(b)fluoranthene	6.6	6.8	6.8	UG/KG	
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Benzo(g,h,i)perylene	6.6	7.3	7.3	UG/KG	
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Dibenzofuran	49.0	9.2	9.2 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	1,4-Dichlorobenzene	49.0	21.0	21.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Diethyl Phthalate	49.0	16.0	16.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Fluorene	6.6	7.3	7.3	UG/KG	
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Fluoranthene	6.6	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Isophorone	49.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	2-Methylnaphthalene	6.6	24.0	24.0	UG/KG	
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Naphthalene	6.6	20.0	20.0	UG/KG	
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Phenanthrene	6.6	17.0	17.0	UG/KG	
SW8270C/NONE	SO	073SB-0026M-0001-SO	240-22562-2	N	Pyrene	6.6	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Benzo(a)anthracene	33.0	48.0	48.0	UG/KG	
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Benzo(a)pyrene	33.0	49.0	49.0	UG/KG	
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Benzo(b)fluoranthene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Benzo(g,h,i)perylene	33.0	41.0	41.0	UG/KG	
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Benzo(k)fluoranthene	33.0	30.0	30.0 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Chrysene	33.0	88.0	88.0	UG/KG	
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Dibenzofuran	250	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Fluoranthene	33.0	98.0	98.0	UG/KG	
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Indeno(1,2,3-c,d)pyrene	33.0	33.0	33.0	UG/KG	
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	2-Methylnaphthalene	33.0	68.0	68.0	UG/KG	
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Naphthalene	33.0	55.0	55.0	UG/KG	
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Phenanthrene	33.0	64.0	64.0	UG/KG	
SW8270C/NONE	SO	073SB-0027M-0001-SO	240-22562-3	N	Pyrene	33.0	80.0	80.0	UG/KG	
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Benzo(a)anthracene	34.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Benzo(a)pyrene	34.0	33.0	33.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Benzo(b)fluoranthene	34.0	72.0	72.0	UG/KG	
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Benzo(g,h,i)perylene	34.0	32.0	32.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Benzo(k)fluoranthene	34.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Chrysene	34.0	60.0	60.0	UG/KG	
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Dibenzofuran	250	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Fluoranthene	34.0	66.0	66.0	UG/KG	
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Indeno(1,2,3-c,d)pyrene	34.0	23.0	23.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	2-Methylnaphthalene	34.0	67.0	67.0	UG/KG	
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Naphthalene	34.0	54.0	54.0	UG/KG	
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Phenanthrene	34.0	64.0	64.0	UG/KG	
SW8270C/NONE	SO	073SB-0028M-0001-SO	240-22562-4	N	Pyrene	34.0	55.0	55.0	UG/KG	
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	bis(2-Ethylhexyl) Phthalate	51.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Benzo(b)fluoranthene	6.8	6.0	6.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Benzo(g,h,i)perylene	6.8	8.7	8.7	UG/KG	
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Dibenzofuran	51.0	3.5	3.5 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	1,4-Dichlorobenzene	51.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Fluoranthene	6.8	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	2-Methylnaphthalene	6.8	12.0	12.0	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Naphthalene	6.8	11.0	11.0	UG/KG	
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Phenanthrene	6.8	8.3	8.3	UG/KG	
SW8270C/NONE	SO	073SB-0029M-0001-SO	240-22562-5	N	Pyrene	6.8	6.4	6.4 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	bis(2-Ethylhexyl) Phthalate	50.0	63.0	63.0	UG/KG	
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Benzo(b)fluoranthene	6.7	4.9	4.9 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Benzo(g,h,i)perylene	6.7	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Dibenzofuran	50.0	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Di-n-Butyl Phthalate	50.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	2-Methylnaphthalene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Naphthalene	6.7	13.0	13.0	UG/KG	
SW8270C/NONE	SO	073SB-0030M-0001-SO	240-22562-6	N	Phenanthrene	6.7	8.9	8.9	UG/KG	
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	bis(2-Ethylhexyl) Phthalate	50.0	53.0	53.0	UG/KG	
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Benzo(b)fluoranthene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Chrysene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Dibenzofuran	50.0	6.9	6.9 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Fluoranthene	6.7	5.7	5.7 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	2-Methylnaphthalene	6.7	18.0	18.0	UG/KG	
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Naphthalene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Pyrene	6.7	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Fluoranthene	67.0	69.0	69.0	UG/KG	
SW8270C/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	2-Methylnaphthalene	67.0	89.0	89.0	UG/KG	
SW8270C/NONE	SO	073SB-0032M-0001-SO	240-22562-8	N	Pyrene	67.0	55.0	55.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	bis(2-Ethylhexyl) Phthalate	58.0	33.0	33.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Benzo(a)pyrene	7.7	4.9	4.9 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Benzo(b)fluoranthene	7.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Benzo(g,h,i)perylene	7.7	33.0	33.0	UG/KG	
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Chrysene	7.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Dibenzofuran	58.0	4.3	4.3 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Fluoranthene	7.7	6.7	6.7 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Indeno(1,2,3-c,d)pyrene	7.7	8.2	8.2	UG/KG	
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	2-Methylnaphthalene	7.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Naphthalene	7.7	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Phenanthrene	7.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	073SB-0033-0001-SO	240-22562-9	N	Pyrene	7.7	14.0	14.0	UG/KG	
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Benzo(a)anthracene	8.4	10.0	10.0	UG/KG	
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Benzo(a)pyrene	8.4	8.3	8.3 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Benzo(b)fluoranthene	8.4	12.0	12.0	UG/KG	
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Benzo(g,h,i)perylene	8.4	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Benzo(k)fluoranthene	8.4	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Chrysene	8.4	8.8	8.8	UG/KG	
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Dibenzofuran	63.0	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Fluoranthene	8.4	16.0	16.0	UG/KG	
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Indeno(1,2,3-c,d)pyrene	8.4	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0052-0001-SD	240-22562-11	N	Pyrene	8.4	13.0	13.0	UG/KG	
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Anthracene	9.0	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Benzo(a)anthracene	9.0	24.0	24.0	UG/KG	
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Benzo(a)pyrene	9.0	18.0	18.0	UG/KG	
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Benzo(b)fluoranthene	9.0	27.0	27.0	UG/KG	
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Benzo(g,h,i)perylene	9.0	13.0	13.0	UG/KG	
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Benzo(k)fluoranthene	9.0	11.0	11.0	UG/KG	
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Chrysene	9.0	21.0	21.0	UG/KG	
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Fluoranthene	9.0	42.0	42.0	UG/KG	
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Indeno(1,2,3-c,d)pyrene	9.0	9.6	9.6	UG/KG	
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	2-Methylnaphthalene	9.0	6.5	6.5 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Phenanthrene	9.0	23.0	23.0	UG/KG	
SW8270C/NONE	SE	073SD-0054-0001-SD	240-22562-12	N	Pyrene	9.0	35.0	35.0	UG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Benzo(a)anthracene	9.4	19.0	19.0	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Benzo(a)pyrene	9.4	16.0	16.0	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Benzo(b)fluoranthene	9.4	27.0	27.0	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Benzo(g,h,i)perylene	9.4	15.0	15.0	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Benzo(k)fluoranthene	9.4	10.0	10.0	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Chrysene	9.4	22.0	22.0	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Dibenzofuran	70.0	11.0	11.0 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Fluoranthene	9.4	29.0	29.0	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Indeno(1,2,3-c,d)pyrene	9.4	9.5	9.5	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	2-Methylnaphthalene	9.4	24.0	24.0	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Naphthalene	9.4	18.0	18.0	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Phenanthrene	9.4	21.0	21.0	UG/KG	
SW8270C/NONE	SE	073SD-0055-0001-SD	240-22562-13	N	Pyrene	9.4	26.0	26.0	UG/KG	
SW8270C/NONE	WS	073SW-0064-0001-SW	240-22562-15	N	bis(2-Ethylhexyl) Phthalate	2.0	0.82	0.82 J	UG/L	TR
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Acenaphthylene	20.0	34.0	34.0 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Anthracene	20.0	75.0	75.0 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzo(a)anthracene	20.0	710	710 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzo(a)pyrene	20.0	530	530 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzo(b)fluoranthene	20.0	820	820 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzo(g,h,i)perylene	20.0	390	390 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Benzo(k)fluoranthene	20.0	400	400 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Carbazole	150	150	150 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Chrysene	20.0	740	740 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Dibenz(a,h)anthracene	20.0	110	110 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Fluoranthene	20.0	1200	1200 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Indeno(1,2,3-c,d)pyrene	20.0	330	330 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Methylnaphthalene	20.0	33.0	33.0 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Naphthalene	20.0	31.0	31.0 J	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Phenanthrene	20.0	260	260 J	UG/KG	I
SW8270C/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	Pyrene	20.0	960	960 J	UG/KG	I
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	bis(2-Ethylhexyl) Phthalate	60.0	25.0	25.0 J	UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Benzo(a)anthracene	8.0	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Benzo(a)pyrene	8.0	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Benzo(b)fluoranthene	8.0	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Chrysene	8.0	6.5	6.5 J	UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Fluoranthene	8.0	6.1	6.1 J	UG/KG	TR
SW8270C/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	Pyrene	8.0	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	bis(2-Ethylhexyl) Phthalate	51.0	39.0	39.0 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Benzo(a)anthracene	6.7	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Benzo(a)pyrene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Benzo(b)fluoranthene	6.7	9.7	9.7	UG/KG	
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Benzo(g,h,i)perylene	6.7	4.6	4.6 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Benzo(k)fluoranthene	6.7	3.5	3.5 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Chrysene	6.7	7.0	7.0	UG/KG	
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Fluoranthene	6.7	13.0	13.0	UG/KG	
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Indeno(1,2,3-c,d)pyrene	6.7	4.0	4.0 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	2-Methylnaphthalene	6.7	8.7	8.7	UG/KG	
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Naphthalene	6.7	10.0	10.0	UG/KG	
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Phenanthrene	6.7	11.0	11.0	UG/KG	
SW8270C/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	Pyrene	6.7	9.6	9.6	UG/KG	
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Acenaphthene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	bis(2-Ethylhexyl) Phthalate	50.0	68.0	68.0	UG/KG	
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Benzo(a)anthracene	6.7	7.6	7.6	UG/KG	
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Benzo(b)fluoranthene	6.7	7.8	7.8	UG/KG	
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Chrysene	6.7	7.5	7.5	UG/KG	
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Fluorene	6.7	4.1	4.1 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Fluoranthene	6.7	50.0	50.0	UG/KG	
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	2-Methylnaphthalene	6.7	7.1	7.1	UG/KG	
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Naphthalene	6.7	9.8	9.8	UG/KG	
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Phenanthrene	6.7	9.0	9.0	UG/KG	
SW8270C/NONE	SO	079SB-0041M-0001-SO	240-22562-33	N	Pyrene	6.7	34.0	34.0	UG/KG	
SW8270C/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	bis(2-Ethylhexyl) Phthalate	51.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	2-Methylnaphthalene	6.8	9.4	9.4	UG/KG	
SW8270C/NONE	SO	079SB-0050M-0001-SO	240-22562-24	N	Phenanthrene	6.8	5.3	5.3 J	UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8330B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	2,4-Dinitrotoluene	0.25	0.010	0.010 J	MG/KG	TR
SW8330B/NONE	SO	073SB-0031M-0001-SO	240-22562-7	N	Tetryl	0.25	0.010	0.010 J	MG/KG	TR
SW8330B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2-Amino-4,6-dinitrotoluene	0.25	2.4	2.4 J +	MG/KG	I
SW8330B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	4-Amino-2,6-Dinitrotoluene	0.25	2.5	2.5 J +	MG/KG	I
SW8330B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	1,3,5-Trinitrobenzene	0.25	0.13	0.13 J +	MG/KG	I/TR
SW8330B/NONE	SO	078TP-0039-0001-TP	240-22562-17	N	2,4,6-Trinitrotoluene	0.25	7.1	7.1 J +	MG/KG	I
SW8330B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	2-Amino-4,6-dinitrotoluene	0.25	0.11	0.11 J	MG/KG	TR
SW8330B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	4-Amino-2,6-Dinitrotoluene	0.25	0.064	0.064 J	MG/KG	TR
SW8330B/NONE	SO	078TP-0040-0001-TP	240-22562-21	N	2,4,6-Trinitrotoluene	0.25	0.88	0.88	MG/KG	
SW8330B/NONE	SO	079SB-0037M-0001-SO	240-22562-29	N	2,4-Dinitrotoluene	0.25	0.010	0.010 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Rejected Results**

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0025M-0001-SO	N	Benzoic acid	6600	6600	R	UG/KG	c
SW8270C/NONE	SO	073SB-0026M-0001-SO	N	Benzoic acid	650	650	R	UG/KG	c
SW8270C/NONE	SO	073SB-0027M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	073SB-0028M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	073SB-0029M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	c
SW8270C/NONE	SO	073SB-0030M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	073SB-0031M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	c
SW8270C/NONE	SO	073SB-0032M-0001-SO	N	Benzoic acid	6600	6600	R	UG/KG	c
SW8270C/NONE	SO	073SB-0033-0001-SO	N	Benzoic acid	770	770	R	UG/KG	c
SW8270C/NONE	SE	073SD-0052-0001-SD	N	Benzoic acid	840	840	R	UG/KG	c
SW8270C/NONE	SE	073SD-0054-0001-SD	N	Benzoic acid	890	890	R	UG/KG	c
SW8270C/NONE	SE	073SD-0055-0001-SD	N	Benzoic acid	930	930	R	UG/KG	c
SW8270C/NONE	WS	073SW-0063-0001-SW	N	Benzoic acid	26.0	26.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0063-0001-SW	N	Hexachlorocyclopentadiene	10.0	10.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0064-0001-SW	N	Benzoic acid	26.0	26.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0064-0001-SW	N	Hexachlorocyclopentadiene	10.0	10.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0066-0001-SW	N	Benzoic acid	26.0	26.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0066-0001-SW	N	Hexachlorocyclopentadiene	11.0	11.0	R	UG/L	c
SW8270C/NONE	SO	078TP-0039-0001-TP	N	Benzoic acid	2000	2000	R	UG/KG	c/l
SW8270C/NONE	SO	078TP-0040-0001-TP	N	Benzoic acid	790	790	R	UG/KG	c
SW8270C/NONE	SO	079SB-0037M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	c
SW8270C/NONE	SO	079SB-0041M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c/m
SW8270C/NONE	SO	079SB-0050M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	c

## AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW

### Anomalies Count

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	2	2
SW6020/TOTAL/NONE	3	3
SW7471A/TOTAL/NONE	17	17
SW8081/SW3540C/NONE	6	107
SW8082/SW3540C/NONE	6	42
SW8260B/SW5030B/NONE	1	1
SW8270C/SW3510/NONE	3	33

**Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	078TP-0039-0001-TP	N	1	Nitrocellulose	14	0.95	6.1	5	MG/KG
E353.2/NONE	078TP-0040-0001-TP	N	1	Nitrocellulose	1.4 J	0.93	6	5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	073SB-0033-0001-SO	N	1	Barium	24	0.012	1.2	1	MG/KG
SW6020/NONE	073SB-0033-0001-SO	N	1	Beryllium	0.25	0.0087	0.12	0.1	MG/KG
SW6020/NONE	073SB-0033-0001-SO	N	1	Cadmium	0.088 J	0.015	0.12	0.1	MG/KG
SW6020/NONE	073SB-0033-0001-SO	N	1	Calcium	3800	1.5	12	10	MG/KG
SW6020/NONE	073SB-0033-0001-SO	N	1	Magnesium	3100	1.3	12	10	MG/KG
SW6020/NONE	073SB-0033-0001-SO	N	1	Selenium	0.56 J	0.059	0.58	0.5	MG/KG
SW6020/NONE	073SD-0052-0001-SD	N	1	Barium	41	0.013	1.2	1	MG/KG
SW6020/NONE	073SD-0052-0001-SD	N	1	Beryllium	0.27	0.0093	0.12	0.1	MG/KG
SW6020/NONE	073SD-0052-0001-SD	N	1	Cadmium	0.21	0.016	0.12	0.1	MG/KG
SW6020/NONE	073SD-0052-0001-SD	N	1	Calcium	1200	1.6	12	10	MG/KG
SW6020/NONE	073SD-0052-0001-SD	N	1	Magnesium	1200	1.3	12	10	MG/KG
SW6020/NONE	073SD-0052-0001-SD	N	1	Selenium	0.7	0.063	0.62	0.5	MG/KG
SW6020/NONE	073SD-0054-0001-SD	N	1	Barium	37	0.014	1.3	1	MG/KG
SW6020/NONE	073SD-0054-0001-SD	N	1	Beryllium	0.23	0.0099	0.13	0.1	MG/KG
SW6020/NONE	073SD-0054-0001-SD	N	1	Cadmium	0.2	0.017	0.13	0.1	MG/KG
SW6020/NONE	073SD-0054-0001-SD	N	1	Calcium	1800	1.7	13	10	MG/KG
SW6020/NONE	073SD-0054-0001-SD	N	1	Magnesium	1400	1.4	13	10	MG/KG
SW6020/NONE	073SD-0054-0001-SD	N	1	Selenium	0.6 J	0.067	0.66	0.5	MG/KG
SW6020/NONE	073SD-0055-0001-SD	N	1	Barium	53	0.015	1.4	1	MG/KG
SW6020/NONE	073SD-0055-0001-SD	N	1	Beryllium	0.38	0.01	0.14	0.1	MG/KG
SW6020/NONE	073SD-0055-0001-SD	N	1	Cadmium	0.29	0.018	0.14	0.1	MG/KG
SW6020/NONE	073SD-0055-0001-SD	N	1	Calcium	2400	1.8	14	10	MG/KG
SW6020/NONE	073SD-0055-0001-SD	N	1	Magnesium	2000	1.5	14	10	MG/KG
SW6020/NONE	073SD-0055-0001-SD	N	1	Selenium	0.75	0.071	0.69	0.5	MG/KG
SW6020/NONE	073SW-0063-0001-SW	N	1	Cadmium	1 U	0.13	1	0.5	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	073SW-0064-0001-SW	N	1	Cadmium	1 U	0.13	1	0.5	UG/L
SW6020/NONE	073SW-0066-0001-SW	N	1	Cadmium	1 U	0.13	1	0.5	UG/L
SW6020/NONE	078TP-0039-0001-TP	N	1	Barium	57	0.013	1.2	1	MG/KG
SW6020/NONE	078TP-0039-0001-TP	N	1	Beryllium	0.3	0.0091	0.12	0.1	MG/KG
SW6020/NONE	078TP-0039-0001-TP	N	1	Cadmium	0.42	0.016	0.12	0.1	MG/KG
SW6020/NONE	078TP-0039-0001-TP	N	1	Calcium	1500	1.6	12	10	MG/KG
SW6020/NONE	078TP-0039-0001-TP	N	1	Magnesium	1000	1.3	12	10	MG/KG
SW6020/NONE	078TP-0039-0001-TP	N	1	Selenium	0.65	0.062	0.61	0.5	MG/KG
SW6020/NONE	078TP-0040-0001-TP	N	1	Barium	45	0.013	1.2	1	MG/KG
SW6020/NONE	078TP-0040-0001-TP	N	1	Beryllium	0.44	0.0089	0.12	0.1	MG/KG
SW6020/NONE	078TP-0040-0001-TP	N	1	Cadmium	0.31	0.016	0.12	0.1	MG/KG
SW6020/NONE	078TP-0040-0001-TP	N	1	Calcium	410	1.6	12	10	MG/KG
SW6020/NONE	078TP-0040-0001-TP	N	1	Magnesium	1400	1.3	12	10	MG/KG
SW6020/NONE	078TP-0040-0001-TP	N	1	Selenium	0.6	0.061	0.6	0.5	MG/KG
SW6020/NONE	079SB-0052M-0001-SO	N	1	Barium	17	0.011	1.1	1	MG/KG
SW6020/NONE	079SB-0052M-0001-SO	N	1	Beryllium	0.16	0.0079	0.11	0.1	MG/KG
SW6020/NONE	079SB-0052M-0001-SO	N	1	Cadmium	0.053 J	0.014	0.11	0.1	MG/KG
SW6020/NONE	079SB-0052M-0001-SO	N	1	Calcium	6000	1.4	11	10	MG/KG
SW6020/NONE	079SB-0052M-0001-SO	N	1	Magnesium	2200	1.1	11	10	MG/KG
SW6020/NONE	079SB-0052M-0001-SO	N	1	Selenium	0.19 J	0.054	0.53	0.5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	073SB-0027M-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0029M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0030M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0031M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0033-0001-SO	N	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG
SW7471A/NONE	073SD-0052-0001-SD	N	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG
SW7471A/NONE	073SD-0054-0001-SD	N	1	Mercury	0.15 U	0.021	0.15	0.1	MG/KG
SW7471A/NONE	073SD-0055-0001-SD	N	1	Mercury	0.15 U	0.021	0.15	0.1	MG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	078TP-0039-0001-TP	N	1	Mercury	0.13 U	0.019	0.13	0.1	MG/KG
SW7471A/NONE	078TP-0040-0001-TP	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	079SB-0035M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0038M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0044M-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0046M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0047M-0001-SO	N	1	Mercury	0.018 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0048M-0001-SO	N	1	Mercury	0.015 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0050M-0001-SO	N	1	Mercury	0.031 J	0.016	0.11	0.1	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	073SB-0031M-0001-SO	N	5	Aldrin	20 U	5.9	20	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	alpha-BHC (alpha-Hexachlorocyclohexane)	12 U	3.6	12	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	alpha-Chlordane	15 U	4.7	15	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	alpha-Endosulfan	8.4 U	2.6	8.4	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	beta-BHC (beta-Hexachlorocyclohexane)	17 U	5.4	17	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	beta-Endosulfan	12 U	4.1	12	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	delta-BHC (delta-Hexachlorocyclohexane)	20 U	5.9	20	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	Dieldrin	8.4 U	2.3	8.4	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	Endosulfan Sulfate	15 U	4.3	15	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	Endrin	8.4 U	2.5	8.4	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	Endrin Aldehyde	15 U	5	15	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	Endrin Ketone	9.9 U	3.1	9.9	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	gamma-BHC (Lindane)	12 U	3.7	12	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	gamma-Chlordane	8.4 U	2.1	8.4	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	Heptachlor	17 U	5.4	17	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	Heptachlor Epoxide	12 U	4	12	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	Methoxychlor	25 U	7.4	25	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	p,p'-DDD	9.9 U	3.1	9.9	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	p,p'-DDE	8.4 U	1.9	8.4	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	073SB-0031M-0001-SO	N	5	p,p'-DDT	9.9 U	3.1	9.9	1.7	UG/KG
SW8081/NONE	073SB-0031M-0001-SO	N	5	Toxaphene	330 UJ	94	330	170	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	Aldrin	250 U	74	250	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	alpha-BHC (alpha-Hexachlorocyclohexane)	150 U	45	150	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	alpha-Chlordane	180 U	58	180	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	alpha-Endosulfan	100 U	32	100	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	beta-BHC (beta-Hexachlorocyclohexane)	220 U	68	220	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	beta-Endosulfan	150 U	51	150	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	delta-BHC (delta-Hexachlorocyclohexane)	250 U	74	250	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	Dieldrin	100 U	29	100	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	Endosulfan Sulfate	180 U	54	180	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	Endrin	100 U	31	100	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	Endrin Aldehyde	180 U	62	180	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	Endrin Ketone	120 U	39	120	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	gamma-BHC (Lindane)	150 U	46	150	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	gamma-Chlordane	100 U	26	100	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	Heptachlor	220 U	68	220	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	Heptachlor Epoxide	150 U	49	150	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	Methoxychlor	310 UJ	92	310	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	p,p'-DDD	120 U	38	120	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	p,p'-DDE	100 U	24	100	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	p,p'-DDT	120 U	39	120	1.7	UG/KG
SW8081/NONE	078TP-0039-0001-TP	N	50	Toxaphene	4100 UJ	1200	4100	170	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	Aldrin	4.7 U	1.4	4.7	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.9 U	0.86	2.9	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	alpha-Chlordane	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	alpha-Endosulfan	2 U	0.61	2	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	beta-BHC (beta-Hexachlorocyclohexane)	4.1 U	1.3	4.1	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	beta-Endosulfan	2.9 U	0.97	2.9	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	078TP-0040-0001-TP	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.7 U	1.4	4.7	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	Dieldrin	2 U	0.55	2	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	Endosulfan Sulfate	3.5 U	1	3.5	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	Endrin	2 U	0.59	2	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	Endrin Aldehyde	3.5 U	1.2	3.5	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	Endrin Ketone	2.4 U	0.74	2.4	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	gamma-BHC (Lindane)	2.9 U	0.87	2.9	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	gamma-Chlordane	2 U	0.5	2	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	Heptachlor	4.1 U	1.3	4.1	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	Heptachlor Epoxide	2.9 U	0.94	2.9	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	Methoxychlor	5.9 UJ	1.8	5.9	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	p,p'-DDD	2.4 U	0.73	2.4	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	p,p'-DDE	2 U	0.46	2	1.7	UG/KG
SW8081/NONE	078TP-0040-0001-TP	N	1	p,p'-DDT	2.4 U	0.74	2.4	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	Aldrin	4 UJ	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 UJ	0.72	2.5	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	alpha-Chlordane	3 UJ	0.93	3	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	beta-Endosulfan	2.5 UJ	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 UJ	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	Endosulfan Sulfate	3 UJ	0.86	3	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	Endrin Aldehyde	3 UJ	0.99	3	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	Endrin Ketone	2 UJ	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 UJ	0.73	2.5	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	Heptachlor Epoxide	2.5 UJ	0.79	2.5	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	Methoxychlor	4.9 UJ	1.5	4.9	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	p,p'-DDD	2 UJ	0.61	2	1.7	UG/KG
SW8081/NONE	079SB-0037M-0001-SO	N	1	p,p'-DDT	2 UJ	0.62	2	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	079SB-0041M-0001-SO	N	1	Aldrin	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.74	2.5	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	alpha-Chlordane	3 U	0.95	3	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.83	2.5	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.88	3	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	Endrin Aldehyde	3 U	1	3	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	Endrin Ketone	2 U	0.64	2	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.75	2.5	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	Heptachlor	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	Methoxychlor	5.1 UJ	1.5	5.1	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	p,p'-DDD	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	079SB-0041M-0001-SO	N	1	p,p'-DDT	2 U	0.64	2	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	Aldrin	4.1 U	1.2	4.1	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.74	2.5	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	alpha-Chlordane	3 U	0.96	3	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.6 U	1.1	3.6	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.83	2.5	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.1 U	1.2	4.1	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.88	3	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	Endrin Aldehyde	3 U	1	3	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	Endrin Ketone	2 U	0.64	2	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.75	2.5	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	Heptachlor	3.6 U	1.1	3.6	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	Methoxychlor	5.1 UJ	1.5	5.1	1.7	UG/KG
SW8081/NONE	079SB-0050M-0001-SO	N	1	p,p'-DDD	2 U	0.63	2	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	079SB-0050M-0001-SO	N	1	p,p'-DDT	2 U	0.64	2	1.7	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	073SB-0031M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 UJ	21	64	33	UG/KG
SW8082/NONE	073SB-0031M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 UJ	16	50	33	UG/KG
SW8082/NONE	073SB-0031M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 UJ	14	45	33	UG/KG
SW8082/NONE	073SB-0031M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 UJ	13	40	33	UG/KG
SW8082/NONE	073SB-0031M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 UJ	17	54	33	UG/KG
SW8082/NONE	073SB-0031M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 UJ	17	54	33	UG/KG
SW8082/NONE	073SB-0031M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 UJ	17	54	33	UG/KG
SW8082/NONE	078TP-0039-0001-TP	N	1	PCB-1016 (Arochlor 1016)	80 U	26	80	33	UG/KG
SW8082/NONE	078TP-0039-0001-TP	N	1	PCB-1221 (Arochlor 1221)	62 U	20	62	33	UG/KG
SW8082/NONE	078TP-0039-0001-TP	N	1	PCB-1232 (Arochlor 1232)	55 U	17	55	33	UG/KG
SW8082/NONE	078TP-0039-0001-TP	N	1	PCB-1242 (Arochlor 1242)	49 U	16	49	33	UG/KG
SW8082/NONE	078TP-0039-0001-TP	N	1	PCB-1248 (Arochlor 1248)	68 U	21	68	33	UG/KG
SW8082/NONE	078TP-0039-0001-TP	N	1	PCB-1254 (Arochlor 1254)	68 U	21	68	33	UG/KG
SW8082/NONE	078TP-0039-0001-TP	N	1	PCB-1260 (Arochlor 1260)	68 U	21	68	33	UG/KG
SW8082/NONE	078TP-0040-0001-TP	N	1	PCB-1016 (Arochlor 1016)	77 U	25	77	33	UG/KG
SW8082/NONE	078TP-0040-0001-TP	N	1	PCB-1221 (Arochlor 1221)	59 U	19	59	33	UG/KG
SW8082/NONE	078TP-0040-0001-TP	N	1	PCB-1232 (Arochlor 1232)	53 U	17	53	33	UG/KG
SW8082/NONE	078TP-0040-0001-TP	N	1	PCB-1242 (Arochlor 1242)	47 U	15	47	33	UG/KG
SW8082/NONE	078TP-0040-0001-TP	N	1	PCB-1248 (Arochlor 1248)	65 U	20	65	33	UG/KG
SW8082/NONE	078TP-0040-0001-TP	N	1	PCB-1254 (Arochlor 1254)	65 U	20	65	33	UG/KG
SW8082/NONE	078TP-0040-0001-TP	N	1	PCB-1260 (Arochlor 1260)	65 U	20	65	33	UG/KG
SW8082/NONE	079SB-0037M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 UJ	21	64	33	UG/KG
SW8082/NONE	079SB-0037M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 UJ	16	49	33	UG/KG
SW8082/NONE	079SB-0037M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 UJ	14	44	33	UG/KG
SW8082/NONE	079SB-0037M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 UJ	13	40	33	UG/KG
SW8082/NONE	079SB-0037M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 UJ	17	54	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	079SB-0037M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 UJ	17	54	33	UG/KG
SW8082/NONE	079SB-0037M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 UJ	17	54	33	UG/KG
SW8082/NONE	079SB-0041M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	079SB-0041M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	079SB-0041M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	079SB-0041M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	079SB-0041M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	079SB-0041M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	079SB-0041M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	079SB-0050M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	079SB-0050M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	079SB-0050M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	079SB-0050M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	079SB-0050M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	079SB-0050M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	079SB-0050M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	073SB-0031M-0001-SO	N	1	1,2-Dichloroethene	9.2 UJ	0.71	9.2	5	UG/KG
SW8260B/NONE	073SB-0034-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	078TP-0039-0001-TP	N	1	1,1,1-Trichloroethane	6.2 UJ	0.69	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	1,1,2,2-Tetrachloroethane	6.2 UJ	0.42	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	1,1,2-Trichloroethane	6.2 UJ	0.48	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	1,1-Dichloroethane	6.2 UJ	0.44	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	1,1-Dichloroethene	6.2 UJ	0.64	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	1,2-Dibromoethane (EDB)	6.2 UJ	0.62	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	1,2-Dichloroethane	6.2 UJ	0.42	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	1,2-Dichloroethene	12 UJ	0.95	12	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	1,2-Dichloropropane	6.2 UJ	0.85	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	2-Butanone (MEK)	25 UJ	1.7	25	20	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	078TP-0039-0001-TP	N	1	2-Hexanone	25 UJ	0.78	25	20	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	4-Methyl-2-pentanone (MIBK)	25 UJ	0.67	25	20	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Acetone	25 UJ	7.8	25	20	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Benzene	6.2 UJ	0.28	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Bromochloromethane	6.2 UJ	0.88	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Bromodichloromethane	6.2 UJ	0.35	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Bromoform	6.2 UJ	0.41	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Bromomethane	6.2 UJ	0.67	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Carbon Disulfide	6.2 UJ	0.54	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Carbon Tetrachloride	6.2 UJ	0.46	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Chlorobenzene	6.2 UJ	0.41	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Chloroethane	6.2 UJ	1.1	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Chloroform	6.2 UJ	0.36	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Chloromethane	6.2 UJ	0.51	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	cis-1,3-Dichloropropene	6.2 UJ	0.42	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Dibromochloromethane	6.2 UJ	0.68	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Ethylbenzene	6.2 UJ	0.32	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Methylene Chloride	6.2 UJ	0.83	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Styrene	6.2 UJ	0.19	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Tetrachloroethene (PCE)	6.2 UJ	0.64	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Toluene	6.2 UJ	0.33	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	trans-1,3-Dichloropropene	6.2 UJ	0.67	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Trichloroethene (TCE)	6.2 UJ	0.52	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Vinyl Chloride	6.2 UJ	0.48	6.2	5	UG/KG
SW8260B/NONE	078TP-0039-0001-TP	N	1	Xylenes, Total	12 UJ	0.83	12	10	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	1,1,1-Trichloroethane	6.4 UJ	0.72	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	1,1,2,2-Tetrachloroethane	6.4 UJ	0.44	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	1,1,2-Trichloroethane	6.4 UJ	0.5	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	1,1-Dichloroethane	6.4 UJ	0.46	6.4	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	078TP-0040-0001-TP	N	1	1,1-Dichloroethene	6.4 UJ	0.67	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	1,2-Dibromoethane (EDB)	6.4 UJ	0.64	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	1,2-Dichloroethane	6.4 UJ	0.44	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	1,2-Dichloroethene	13 UJ	0.99	13	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	1,2-Dichloropropane	6.4 UJ	0.89	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	2-Butanone (MEK)	4.3 J	1.8	26	20	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	2-Hexanone	0.98 J	0.81	26	20	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	4-Methyl-2-pentanone (MIBK)	26 UJ	0.69	26	20	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Acetone	96 J	8.1	26	20	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Benzene	6.4 UJ	0.3	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Bromochloromethane	6.4 UJ	0.91	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Bromodichloromethane	6.4 UJ	0.36	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Bromoform	6.4 UJ	0.42	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Bromomethane	6.4 UJ	0.69	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Carbon Disulfide	6.4 UJ	0.57	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Carbon Tetrachloride	6.4 UJ	0.48	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Chlorobenzene	6.4 UJ	0.42	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Chloroethane	6.4 UJ	1.1	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Chloroform	6.4 UJ	0.37	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Chloromethane	6.4 UJ	0.53	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	cis-1,3-Dichloropropene	6.4 UJ	0.44	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Dibromochloromethane	6.4 UJ	0.71	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Ethylbenzene	6.4 UJ	0.33	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Methylene Chloride	6.4 UJ	0.86	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Styrene	6.4 UJ	0.19	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Tetrachloroethene (PCE)	6.4 UJ	0.67	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Toluene	6.4 UJ	0.35	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	trans-1,3-Dichloropropene	6.4 UJ	0.69	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Trichloroethene (TCE)	6.4 UJ	0.54	6.4	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	078TP-0040-0001-TP	N	1	Vinyl Chloride	6.4 UJ	0.5	6.4	5	UG/KG
SW8260B/NONE	078TP-0040-0001-TP	N	1	Xylenes, Total	13 UJ	0.86	13	10	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	1,1,1-Trichloroethane	5.5 U	0.61	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.5 U	0.37	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	1,1,2-Trichloroethane	5.5 U	0.43	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	1,1-Dichloroethane	5.5 U	0.39	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	1,1-Dichloroethene	5.5 U	0.57	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.5 U	0.55	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	1,2-Dichloroethane	5.5 U	0.37	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	1,2-Dichloroethene	11 U	0.84	11	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	1,2-Dichloropropane	5.5 U	0.76	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	2-Butanone (MEK)	22 U	1.5	22	20	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	2-Hexanone	22 U	0.69	22	20	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	22 U	0.59	22	20	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Acetone	22 U	6.9	22	20	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Benzene	5.5 U	0.25	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Bromochloromethane	5.5 U	0.78	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Bromodichloromethane	5.5 U	0.31	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Bromoform	5.5 U	0.36	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Bromomethane	5.5 U	0.59	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Carbon Disulfide	5.5 U	0.48	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Carbon Tetrachloride	5.5 U	0.41	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Chlorobenzene	5.5 U	0.36	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Chloroethane	5.5 U	0.94	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Chloroform	5.5 U	0.32	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Chloromethane	5.5 U	0.45	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	cis-1,3-Dichloropropene	5.5 U	0.37	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Dibromochloromethane	5.5 U	0.6	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Ethylbenzene	5.5 U	0.28	5.5	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Methylene Chloride	5.5 U	0.73	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Styrene	5.5 U	0.16	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Tetrachloroethene (PCE)	5.5 U	0.57	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Toluene	5.5 U	0.3	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	trans-1,3-Dichloropropene	5.5 U	0.59	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Trichloroethene (TCE)	5.5 U	0.46	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Vinyl Chloride	5.5 U	0.43	5.5	5	UG/KG
SW8260B/NONE	079SB-0037M-0001-SO	N	1	Xylenes, Total	11 U	0.73	11	10	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	1,1,1-Trichloroethane	5.3 U	0.59	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.3 U	0.36	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	1,1,2-Trichloroethane	5.3 U	0.41	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	1,1-Dichloroethane	5.3 U	0.38	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	1,1-Dichloroethene	5.3 U	0.55	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.3 U	0.53	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	1,2-Dichloroethane	5.3 U	0.36	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	1,2-Dichloroethene	11 U	0.81	11	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	1,2-Dichloropropane	5.3 U	0.73	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	2-Butanone (MEK)	21 U	1.5	21	20	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	2-Hexanone	21 U	0.66	21	20	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 U	0.57	21	20	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Acetone	21 U	6.6	21	20	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Benzene	5.3 U	0.24	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Bromochloromethane	5.3 U	0.75	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Bromodichloromethane	5.3 U	0.3	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Bromoform	5.3 U	0.35	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Bromomethane	5.3 U	0.57	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Carbon Disulfide	5.3 U	0.46	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Carbon Tetrachloride	5.3 U	0.39	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Chlorobenzene	5.3 U	0.35	5.3	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Chloroethane	5.3 U	0.91	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Chloroform	5.3 U	0.31	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Chloromethane	5.3 U	0.43	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	cis-1,3-Dichloropropene	5.3 U	0.36	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Dibromochloromethane	5.3 U	0.58	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Ethylbenzene	5.3 U	0.27	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Methylene Chloride	5.3 U	0.71	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Styrene	5.3 U	0.16	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Tetrachloroethene (PCE)	5.3 U	0.55	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Toluene	5.3 U	0.28	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	trans-1,3-Dichloropropene	5.3 U	0.57	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Trichloroethene (TCE)	5.3 U	0.44	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Vinyl Chloride	5.3 U	0.41	5.3	5	UG/KG
SW8260B/NONE	079SB-0041M-0001-SO	N	1	Xylenes, Total	11 U	0.71	11	10	UG/KG
SW8260B/NONE	079SB-0050M-0001-SO	N	1	1,2-Dichloroethene	9.9 U	0.76	9.9	5	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0025M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	97	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2-Nitroaniline	2000 U	91	2000	800	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	4-Nitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Benzo(a)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Benzo(a)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Benzo(b)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Benzo(g,h,i)perylene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Benzo(k)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Benzoic acid	6600 R	3300	6600	800	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	95	1000	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Chrysene	67 U	11	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Dibenzofuran	500 U	33	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Di-n-Butyl Phthalate	500 U	150	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Fluoranthene	65 J	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Hexachloroethane	500 U	90	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Naphthalene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Phenanthrene	180	33	67	50	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0025M-0001-SO	N	10	Pyrene	70	33	67	50	UG/KG
SW8270C/NONE	073SB-0026M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	2,4-Dinitrophenol	1600 U	400	1600	800	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	130	1000	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	100	1000	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	2-Nitroaniline	1000 U	45	1000	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0027M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	90	500	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	4-Nitrophenol	1600 U	400	1600	800	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	Benzyl alcohol	1600 U	100	1600	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	47	500	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	Carbazole	250 U	130	250	50	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	Hexachlorocyclopentadiene	1600 U	130	1600	330	UG/KG
SW8270C/NONE	073SB-0027M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	400	760	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	3,3'-Dichlorobenzidine	510 U	91	510	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0028M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	073SB-0028M-0001-SO	N	5	Nitrobenzene	510 U	11	510	330	UG/KG
SW8270C/NONE	073SB-0029M-0001-SO	N	1	Benzyl alcohol	340 U	21	340	330	UG/KG
SW8270C/NONE	073SB-0029M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	073SB-0029M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	073SB-0029M-0001-SO	N	1	Hexachlorocyclopentadiene	340 U	27	340	330	UG/KG
SW8270C/NONE	073SB-0030M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0031M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	97	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2-Nitroaniline	2000 U	91	2000	800	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 J	180	1000	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	4-Nitrophenol	3300 J	800	3300	800	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Benzo(a)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Benzo(a)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Benzo(b)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Benzo(g,h,i)perylene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Benzo(k)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Benzoic acid	6600 R	3300	6600	800	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	95	1000	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Chrysene	67 U	11	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Dibenzofuran	500 U	33	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Di-n-Butyl Phthalate	500 U	150	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Fluoranthene	69	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Hexachloroethane	500 U	90	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Naphthalene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Phenanthrene	67 U	33	67	50	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	073SB-0032M-0001-SO	N	10	Pyrene	55 J	33	67	50	UG/KG
SW8270C/NONE	073SB-0033-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	073SB-0033-0001-SO	N	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	073SB-0033-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	073SB-0033-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	073SD-0052-0001-SD	N	1	Benzoic acid	840 R	420	840	800	UG/KG
SW8270C/NONE	073SD-0052-0001-SD	N	1	Benzyl alcohol	420 U	27	420	330	UG/KG
SW8270C/NONE	073SD-0052-0001-SD	N	1	Carbazole	63 U	34	63	50	UG/KG
SW8270C/NONE	073SD-0052-0001-SD	N	1	Cresols, m & p	510 U	25	510	300	UG/KG
SW8270C/NONE	073SD-0052-0001-SD	N	1	Hexachlorocyclopentadiene	420 U	34	420	330	UG/KG
SW8270C/NONE	073SD-0054-0001-SD	N	1	Benzoic acid	890 R	450	890	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SD-0054-0001-SD	N	1	Benzyl alcohol	450 U	28	450	330	UG/KG
SW8270C/NONE	073SD-0054-0001-SD	N	1	Carbazole	68 U	37	68	50	UG/KG
SW8270C/NONE	073SD-0054-0001-SD	N	1	Cresols, m & p	540 U	27	540	300	UG/KG
SW8270C/NONE	073SD-0054-0001-SD	N	1	Hexachlorocyclopentadiene	450 U	37	450	330	UG/KG
SW8270C/NONE	073SD-0055-0001-SD	N	1	Benzoic acid	930 R	470	930	800	UG/KG
SW8270C/NONE	073SD-0055-0001-SD	N	1	Benzyl alcohol	460 U	30	460	330	UG/KG
SW8270C/NONE	073SD-0055-0001-SD	N	1	Carbazole	70 U	38	70	50	UG/KG
SW8270C/NONE	073SD-0055-0001-SD	N	1	Cresols, m & p	560 U	28	560	300	UG/KG
SW8270C/NONE	073SD-0055-0001-SD	N	1	Hexachlorocyclopentadiene	460 U	38	460	330	UG/KG
SW8270C/NONE	073SW-0063-0001-SW	N	1	2,4,5-Trichlorophenol	5.2 U	0.31	5.2	5	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	2,4,6-Trichlorophenol	5.2 U	0.83	5.2	5	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	3,3'-Dichlorobenzidine	5.2 U	0.39	5.2	5	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	Benzo(a)anthracene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	Benzo(a)pyrene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	Benzo(b)fluoranthene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	Benzo(k)fluoranthene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	Benzoic acid	26 R	10	26	25	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	Dibenz(a,h)anthracene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	Hexachlorobenzene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	Indeno(1,2,3-c,d)pyrene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0063-0001-SW	N	1	Pentachlorophenol	5.2 U	2.5	5.2	5	UG/L
SW8270C/NONE	073SW-0064-0001-SW	N	1	2,4,5-Trichlorophenol	5.1 U	0.31	5.1	5	UG/L
SW8270C/NONE	073SW-0064-0001-SW	N	1	2,4,6-Trichlorophenol	5.1 U	0.82	5.1	5	UG/L
SW8270C/NONE	073SW-0064-0001-SW	N	1	3,3'-Dichlorobenzidine	5.1 U	0.38	5.1	5	UG/L
SW8270C/NONE	073SW-0064-0001-SW	N	1	Benzoic acid	26 R	10	26	25	UG/L
SW8270C/NONE	073SW-0064-0001-SW	N	1	Pentachlorophenol	5.1 U	2.4	5.1	5	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	1,4-Dichlorobenzene	1.1 U	0.36	1.1	1	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	2,4,5-Trichlorophenol	5.3 U	0.32	5.3	5	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	2,4,6-Trichlorophenol	5.3 U	0.84	5.3	5	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SW-0066-0001-SW	N	1	3,3'-Dichlorobenzidine	5.3 U	0.39	5.3	5	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Benzo(a)anthracene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Benzo(a)pyrene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Benzo(b)fluoranthene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Benzo(k)fluoranthene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Benzoic acid	26 R	11	26	25	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.1 U	0.11	1.1	1	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Dibenz(a,h)anthracene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Hexachlorobenzene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Hexachlorobutadiene	1.1 U	0.28	1.1	1	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Hexachlorocyclopentadiene	11 R	0.84	11	10	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Indeno(1,2,3-c,d)pyrene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0066-0001-SW	N	1	Pentachlorophenol	5.3 U	2.5	5.3	5	UG/L
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	2,4,6-Trichlorophenol	460 UJ	240	460	330	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	2,4-Dichlorophenol	460 UJ	61	460	330	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	2,4-Dimethylphenol	460 UJ	61	460	330	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	2,4-Dinitrophenol	1000 UJ	240	1000	800	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	2,4-Dinitrotoluene	610 UJ	83	610	330	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	2,6-Dinitrotoluene	610 UJ	64	610	330	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	2-Methylphenol (o-Cresol)	610 UJ	240	610	330	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	4-Chloro-3-Methylphenol	460 UJ	64	460	330	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	4-Chloroaniline	460 UJ	52	460	330	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	4-Nitrophenol	1000 UJ	240	1000	800	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	Benzoic acid	2000 R	1000	2000	800	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	Benzyl alcohol	1000 UJ	64	1000	330	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	Carbazole	150 J	83	150	50	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	Cresols, m & p	1200 UJ	61	1200	300	UG/KG
SW8270C/NONE	078TP-0039-0001-TP	N	2.5	Hexachlorocyclopentadiene	1000 UJ	83	1000	330	UG/KG
SW8270C/NONE	078TP-0040-0001-TP	N	1	Benzyl alcohol	400 U	25	400	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Reporting Anomalies**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	078TP-0040-0001-TP	N	1	Carbazole	60 U	32	60	50	UG/KG
SW8270C/NONE	078TP-0040-0001-TP	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	078TP-0040-0001-TP	N	1	Hexachlorocyclopentadiene	400 U	32	400	330	UG/KG
SW8270C/NONE	079SB-0037M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	079SB-0037M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	079SB-0041M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	079SB-0050M-0001-SO	N	1	Benzyl alcohol	340 U	21	340	330	UG/KG
SW8270C/NONE	079SB-0050M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	079SB-0050M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	079SB-0050M-0001-SO	N	1	Hexachlorocyclopentadiene	340 U	27	340	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Worksheet**

SDG Name: 240-22562-1\_73,78,79\_SB,TP,SW

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?		•		
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a duplicate sample prepared and analyzed with each batch?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Method:** SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?	•			1. MB 180-68372/1-A: Pb and K detected above the MDL but below the RL. CCB2 180-70426/25: Ca, Pb, Mn , and Zn were detected above the MDL but below the RL.3. MB 180- 68898/1-A: Ba, Ca, Mn, and Zn were detected above the MDL but below the RL. 4. MB 180-68660/1-A: Al, Ba, Ca, Co, and Mn were detected above the MDL but below the RL. Fe was detected above the RL.
Was a field blank collected and analyzed?		•		
Were target analytes reported in the field blank analyses above the MDL?			•	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	•			
Was the ICS recovery within QAPP acceptance limits?	•			
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			MS and Laboratory Duplicate.
Were the MS/MSD within QAPP acceptance limits?		•		Sb MS recovered below control limits in the following samples: 240-22562-22, -30 and -31.
Was a serial dilution prepared and analyzed with each batch?	•			
Was the serial dilution within QAPP acceptance limits?		•		1. 240-22562-30 (Batch: 68865): Zn %D=12%. 2. 240-22562-31 (Batch 68898): Zn %D=13%.
Were sample concentrations within calibration range?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

<b>Method: SW6020</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
<b>Method: SW7470A</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?		•		
Were target analytes reported in the field blank analyses above the MDL?			•	
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Method:** SW7470A

Review Questions	Yes	No	NA	Comment
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**Method:** SW7471A

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			MB 240-80967/1-A: Hg was detected above the MDL but below the RL.
Was a field blank collected and analyzed?		•		
Were target analytes reported in the field blank analyses above the MDL?			•	
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			MS and Laboratory Duplicate
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				



**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Method:** SW7471A

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**Method:** SW8081

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?		•		Toxaphene %D: 38.9%
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?		•		CCV 240-82129/26: Methoxychlor %D= 27.7%.
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?		•		240-22562-29: TCX on primary column recovered below the control limits. All results were reported from the primary column.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Method:** SW8081

Review Questions	Yes	No	NA	Comment
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?		•		240-22562-21: 4,4'-DDE RPD 191%. False Positive.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

**Method:** SW8082

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			15%
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			15%
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?			•	
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?		•		DCB surrogate recovered below the control limits in the following samples: 7, 24, and 29. DCB recovered above the control limits in sample 17.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

<b>Method: SW8082</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?		•		Sample 240-22562-17: Aroclor-1254 RPD was 52.1%. Aroclor-1254 was false positive.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

<b>Method: SW8260B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Method:** SW8260B

Review Questions	Yes	No	NA	Comment
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			1.MB 240-80593/7: Methylene chloride was detected above the MDL but below the RL. 2. MB 240-80741/30: Acetone and Methylene chloride were detected above the MDL but below the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•			
Were target analytes reported in the field blank analyses above the MDL?				073SB-0034-0001-TB (240-22562-10): Acetone was detected above MDL but below RL . Methylene chloride was detected above the RL.
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was analyzed with each batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were surrogate recoveries within QAPP acceptance limits?		•		One or more surrogate recovered below the laboratory control limits in the following samples: 7, 17, and 21.

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

<b>Method: SW8260B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			
<b>Method: SW8270C</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

Method: SW8270C				
Review Questions	Yes	No	NA	Comment
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			MB 240-81290/19-A: Bis(2-ethylhexyl)phthalate and Di-n-butyl phthalate were detected above the MDL but below the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?		•		
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was extracted with each preparation batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•			1. LCS 240-80545/21-A: Benzoic acid was not recovered. Hexachlorocyclopentadiene recovered below 10%. Benzoic acid and Hexachlorocyclopentadiene in the following samples qualified (R): 14, 15 and 16. 2. LCS 240-81143/23-A: Benzoic acid was not recovered. Benzoic acid in the following samples was qualified (R): 17, 21, 24, 29, and 33. 3. 240-81148/24-A: Benzoic acid was not recovered. Benzoic acid in the following samples was qualified (R): 1-9. 4. LCS 240-81290/20-A: Benzoic acid was not recovered. Benzoic acid in the following samples qualified (R): 11-13.
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		•		240-22562-08-MS/MSD were diluted out, analyzed at 10 x dilution. 240-22562-33 MS/MSD: Benzoic acid was not recovered. 2,4-Dinitrophenol recovered below control limits in both MS and MSD.
Were surrogate recoveries within QAPP acceptance limits?		•		Sample 240-22562-17: Two acid and two B/N were recovered below the control limits.
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Method:** SW8330B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?		•		Sample 240-22562-17: DNT recovered above the control limits.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?				1. MB 320-13877/1-A: Tetryl was not detected on the primary column; however it was detected on the confirmation column. Tetryl was false positive. 2. Sample 240-22562-17: 2,4-Dinitrotoluene RPD: 108%. False positive. 3. Sample 240-22562-21: 1,3,5-Trinitrobenzene RPD: 80.4%. False positive.
Did PDA spectra for reported compounds match associated standard spectra?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22562-1\_73,78,79\_SB,TP,SW**

**Method:** SW8330B

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			



**WORKSHEET 3**

**Automated Data Review Summary for 240-22648-1**

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**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Facility:** Ravenna Army Ammunition Plant

**Event:** Spring 2013 RI/SI Sampling Event

**Guidance Document:** Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

**Contract Laboratory:** TestAmerica, Inc., North Canton, OH

**Field Contractor:** Environmental Chemical Corporation, Otis Ang Base, MA

**Data Review Contractor:** ECC

**SDG:** 240-22648-1, Certified - 6/12/2013 by frederickroche

**QC Level:** ADR

**Project Manager:** Al Easterday

**Data Reviewer:** Samir A. Naguib

**Data Reviewer Title:** Sr. QA Chemist

**Date of Review Report:** June 14, 2013

**Samples Included in SDG 240-22648-1**

<b>Analytical Method/ Leach Method</b>	<b>Normal Soil Samples</b>	<b>Normal Water Samples</b>	<b>Field QC Soil Samples</b>	<b>Field QC Water Samples</b>
E353.2/NONE	8	1	0	0
SW6020/NONE	54	5	1	0
SW7470A/NONE		5		0
SW7471A/NONE	54		1	
SW8081/NONE	8	1	0	0
SW8082/NONE	28	1	0	0
SW8260B/NONE	9	2	0	0

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

<b>Analytical Method/ Leach Method</b>	<b>Normal Soil Samples</b>	<b>Normal Water Samples</b>	<b>Field QC Soil Samples</b>	<b>Field QC Water Samples</b>
SW8270C/NONE	40	5	1	0
SW8330B/NONE	8	1	0	0

## AUTOMATED DATA REVIEW SUMMARY for 240-22648-1

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-22648-1. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

Field Blank

Initial Calibration Verification

Lab Replicate RPD

LCS RPD

Material Blank

Trip Blank

## AUTOMATED DATA REVIEW SUMMARY for 240-22648-1

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

**Batch** – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

**QC Outlier** – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

**Qualified Results** – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

**Rejected Results** – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

**Field Duplicates** – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

**Data Submission Warnings** – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 588 results (10.98%) out of the 5357 results (sample and field QC samples) reported are qualified based on review and 36 results (0.67%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

### Narrative Comments

Sites 68,73 and 79

Analytical Method	Comment
E353.2	
SW6020	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

SW7470A	
SW7471A	
SW8081	
SW8260B	
SW8270C	
SW8330B	
SW8082	

14-Jun-2013

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Reviewed by Samir A. Naguib, Sr. QA Chemist



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reason and Comment Code Definitions**

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

## AUTOMATED DATA REVIEW SUMMARY for 240-22648-1

### Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

## AUTOMATED DATA REVIEW SUMMARY for 240-22648-1

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

<b>Test Method: E353.2; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
14024	13964	NA	LABQC	WQ	LABQC	MB 320-13864/1-B		1/1	10-Apr-2013 7:54 AM	10-Apr-2013 7:54 AM	10-Apr-2013 12:00 PM	LB
	13964	NA	LABQC	WQ	LABQC	LCS 320-13864/2-B		1/1	10-Apr-2013 7:54 AM	10-Apr-2013 7:54 AM	10-Apr-2013 12:02 PM	BS
	13964	NA	73-NLCT-DW-SW3	WS	073SW-0061-0001-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	10-Apr-2013 7:54 AM	10-Apr-2013 12:04 PM	N
	13964	NA	73-NLCT-DW-SW3	WS	073SW-0061-0002-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	10-Apr-2013 7:54 AM	10-Apr-2013 12:06 PM	MS
	13964	NA	73-NLCT-DW-SW3	WS	073SW-0061-0002-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	10-Apr-2013 7:54 AM	10-Apr-2013 12:08 PM	SD
14914	14752	NA	LABQC	SQ	LABQC	MB 320-14670/1-B		1/1	22-Apr-2013 6:13 AM	22-Apr-2013 6:13 AM	23-Apr-2013 12:45 PM	LB
	14752	NA	LABQC	SQ	LABQC	LCS 320-14670/2-B		1/1	22-Apr-2013 6:13 AM	22-Apr-2013 6:13 AM	23-Apr-2013 12:47 PM	BS
	14752	NA	73-NLCT-DW-SD3	SE	073SD-0050-0001-SD	240-22648-13		1/1	28-Mar-2013 1:05 PM	22-Apr-2013 6:13 AM	23-Apr-2013 12:49 PM	N
	14752	NA	79-2ASA-DU1-SB4	SO	079SB-0063M-0001-SO	240-22648-29		1/1	28-Mar-2013 2:37 PM	22-Apr-2013 6:13 AM	23-Apr-2013 12:51 PM	N
	14752	NA	79-2ASA-DU1-SB5	SO	079SB-0064M-0001-SO	240-22648-30		1/1	28-Mar-2013 2:00 PM	22-Apr-2013 6:13 AM	23-Apr-2013 12:53 PM	N
	14752	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0001-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	22-Apr-2013 6:13 AM	23-Apr-2013 12:55 PM	N
	14752	NA	79-2ASA-DU2-SB3	SO	079SB-0071M-0001-SO	240-22648-38		1/1	28-Mar-2013 4:34 PM	22-Apr-2013 6:13 AM	23-Apr-2013 1:05 PM	N
	14752	NA	79-2ASA-DU2-SB5	SO	079SB-0074M-0001-SO	240-22648-40		1/1	28-Mar-2013 5:20 PM	22-Apr-2013 6:13 AM	23-Apr-2013 1:07 PM	N
	14752	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		1/1	29-Mar-2013 9:37 AM	22-Apr-2013 6:13 AM	23-Apr-2013 1:09 PM	N
	14752	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		1/1	29-Mar-2013 9:12 AM	22-Apr-2013 6:13 AM	23-Apr-2013 1:11 PM	N

<b>Test Method: SW6020; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
70691	68743	NA	LABQC	WQ	LABQC	MB 180-68743/1-A		1/1	10-Apr-2013 7:41 AM	10-Apr-2013 7:41 AM	01-May-2013 10:14 PM	LB

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW6020; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70691	68743	NA	LABQC	WQ	LABQC	LCS 180-68743/2-A		1/1	10-Apr-2013 7:41 AM	10-Apr-2013 7:41 AM	01-May-2013 10:22 PM	BS
	68743	NA	73-NLCT-UP-SW1	WS	073SW-0056-0001-SW	240-22648-15		1/1	28-Mar-2013 1:55 PM	10-Apr-2013 7:41 AM	01-May-2013 10:30 PM	N
	68743	NA	73-NLCT-UP-SW1	WS	073SW-0056-0002-SW	240-22648-15		1/1	28-Mar-2013 1:55 PM	10-Apr-2013 7:41 AM	01-May-2013 10:55 PM	MS
	68743	NA	73-NLCT-MD-SW2	WS	073SW-0058-0001-SW	240-22648-16		1/1	28-Mar-2013 1:30 PM	10-Apr-2013 7:41 AM	01-May-2013 11:11 PM	N
	68743	NA	73-NLCT-MD-SW2	WS	073SW-0059-0001-SW	240-22648-17		1/1	28-Mar-2013 1:31 PM	10-Apr-2013 7:41 AM	01-May-2013 11:19 PM	N
	68743	NA	73-NLCT-DW-SW3	WS	073SW-0061-0001-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	10-Apr-2013 7:41 AM	01-May-2013 11:27 PM	N
	68743	NA	73-NLCT-DW-SW3	WS	073SW-0067-0001-SW	240-22648-21		1/1	28-Mar-2013 1:50 PM	10-Apr-2013 7:41 AM	01-May-2013 11:52 PM	N
	68756	NA	LABQC	SQ	LABQC	MB 180-68756/1-A		1/1	10-Apr-2013 9:43 AM	10-Apr-2013 9:43 AM	02-May-2013 3:09 AM	LB
	68756	NA	LABQC	SQ	LABQC	LCS 180-68756/2-A		1/1	10-Apr-2013 9:43 AM	10-Apr-2013 9:43 AM	02-May-2013 3:17 AM	BS
	68756	NA	73-SCCT-DU1-SB	SO	073SB-0016M-0001-SO	240-22648-1		1/1	28-Mar-2013 11:08 AM	10-Apr-2013 9:43 AM	02-May-2013 3:25 AM	N
	68756	NA	73-SCCT-DU1-SB	SO	073SB-0017M-0001-SO	240-22648-2		1/1	28-Mar-2013 11:09 AM	10-Apr-2013 9:43 AM	02-May-2013 3:34 AM	N
	68756	NA	73-SCCT-DU1-SB	SO	073SB-0019M-0001-SO	240-22648-3		1/1	28-Mar-2013 11:10 AM	10-Apr-2013 9:43 AM	02-May-2013 3:42 AM	N
	68756	NA	73-SCCT-DU1-SB1	SO	073SB-0020M-0001-SO	240-22648-4		1/1	28-Mar-2013 9:52 AM	10-Apr-2013 9:43 AM	02-May-2013 3:50 AM	N
	68756	NA	73-SCCT-DU1-SB2	SO	073SB-0021M-0001-SO	240-22648-5		1/1	28-Mar-2013 10:03 AM	10-Apr-2013 9:43 AM	02-May-2013 3:58 AM	N
	68756	NA	73-SCCT-DU1-SB3	SO	073SB-0022M-0001-SO	240-22648-6		1/1	28-Mar-2013 10:54 AM	10-Apr-2013 9:43 AM	02-May-2013 4:06 AM	N
	68756	NA	73-SCCT-DU1-SB4	SO	073SB-0023M-0001-SO	240-22648-7		1/1	28-Mar-2013 11:12 AM	10-Apr-2013 9:43 AM	02-May-2013 4:15 AM	N
	68756	NA	73-SCCT-DU1-SB5	SO	073SB-0024M-0001-SO	240-22648-8		1/1	28-Mar-2013 10:07 AM	10-Apr-2013 9:43 AM	02-May-2013 4:23 AM	N
	68756	NA	73-SCCT-DU1-SB5	SO	073SB-0067-0001-SO	240-22648-9		1/1	28-Mar-2013 11:34 AM	10-Apr-2013 9:43 AM	02-May-2013 5:20 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW6020; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70691	68756	NA	73-NLCT-UP-SD1	SE	073SD-0045-0001-SD	240-22648-10		1/1	28-Mar-2013 2:00 PM	10-Apr-2013 9:43 AM	02-May-2013 5:29 AM	N
	68756	NA	73-NLCT-UP-SD1	SE	073SD-0045-0002-SD	240-22648-10		1/1	28-Mar-2013 2:00 PM	10-Apr-2013 9:43 AM	02-May-2013 5:53 AM	MS
	68756	NA	73-NLCT-MD-SD2	SE	073SD-0047-0001-SD	240-22648-11		1/1	28-Mar-2013 1:25 PM	10-Apr-2013 9:43 AM	02-May-2013 6:10 AM	N
	68756	NA	73-NLCT-MD-SD2	SE	073SD-0048-0001-SD	240-22648-12		1/1	28-Mar-2013 1:25 PM	10-Apr-2013 9:43 AM	02-May-2013 6:18 AM	FD
	68756	NA	73-NLCT-DW-SD3	SE	073SD-0050-0001-SD	240-22648-13		1/1	28-Mar-2013 1:05 PM	10-Apr-2013 9:43 AM	02-May-2013 6:26 AM	N
	68756	NA	73-NLCT-DD-SD4	SE	073SD-0046-0001-SD	240-22648-14		1/1	28-Mar-2013 1:45 PM	10-Apr-2013 9:43 AM	02-May-2013 6:35 AM	N
	68756	NA	79-2ASA-DU1-SB	SO	079SB-0055M-0001- SO	240-22648-22		1/1	28-Mar-2013 3:22 PM	10-Apr-2013 9:43 AM	02-May-2013 6:59 AM	N
	68756	NA	79-2ASA-DU1-SB	SO	079SB-0057M-0001- SO	240-22648-23		1/1	28-Mar-2013 3:23 PM	10-Apr-2013 9:43 AM	02-May-2013 7:08 AM	N
	68756	NA	79-2ASA-DU1-SB	SO	079SB-0058M-0001- SO	240-22648-24		1/1	28-Mar-2013 3:27 PM	10-Apr-2013 9:43 AM	02-May-2013 7:16 AM	N
	68756	NA	79-2ASA-DU1-SB	SO	079SB-0059M-0001- SO	240-22648-25		1/1	28-Mar-2013 3:28 PM	10-Apr-2013 9:43 AM	02-May-2013 7:24 AM	N
	68756	NA	79-2ASA-DU1-SB1	SO	079SB-0060M-0001- SO	240-22648-26		1/1	28-Mar-2013 3:25 PM	10-Apr-2013 9:43 AM	02-May-2013 7:32 AM	N
70828	68762	NA	LABQC	SQ	LABQC	MB 180-68762/1-A		1/1	10-Apr-2013 10:05 AM	10-Apr-2013 10:05 AM	02-May-2013 5:12 PM	LB
	68762	NA	LABQC	SQ	LABQC	LCS 180-68762/2-A		1/1	10-Apr-2013 10:05 AM	10-Apr-2013 10:05 AM	02-May-2013 5:21 PM	BS
	68762	NA	79-2ASA-DU1-SB2	SO	079SB-0061M-0001- SO	240-22648-27		1/1	28-Mar-2013 3:12 PM	10-Apr-2013 10:05 AM	02-May-2013 5:29 PM	N
	68762	NA	79-2ASA-DU1-SB2	SO	079SB-0061M-0001- SO-MS	240-22648-27		1/1	28-Mar-2013 3:12 PM	10-Apr-2013 10:05 AM	02-May-2013 5:53 PM	MS
	68762	NA	79-2ASA-DU1-SB3	SO	079SB-0062M-0001- SO	240-22648-28		1/1	28-Mar-2013 2:50 PM	10-Apr-2013 10:05 AM	02-May-2013 6:10 PM	N
	68762	NA	79-2ASA-DU1-SB4	SO	079SB-0063M-0001- SO	240-22648-29		1/1	28-Mar-2013 2:37 PM	10-Apr-2013 10:05 AM	02-May-2013 6:18 PM	N
	68762	NA	79-2ASA-DU1-SB5	SO	079SB-0064M-0001- SO	240-22648-30		1/1	28-Mar-2013 2:00 PM	10-Apr-2013 10:05 AM	02-May-2013 6:26 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW6020; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70828	68762	NA	79-2ASA-DU1-SB5	SO	079SB-0075M-0001-SO	240-22648-31		1/1	28-Mar-2013 2:21 PM	10-Apr-2013 10:05 AM	02-May-2013 6:51 PM	N
	68762	NA	79-2ASA-DU2-SB	SO	079SB-0065M-0001-SO	240-22648-32		1/1	28-Mar-2013 5:11 PM	10-Apr-2013 10:05 AM	02-May-2013 6:59 PM	N
	68762	NA	79-2ASA-DU2-SB	SO	079SB-0066M-0001-SO	240-22648-33		1/1	28-Mar-2013 5:10 PM	10-Apr-2013 10:05 AM	02-May-2013 7:07 PM	N
	68762	NA	79-2ASA-DU2-SB	SO	079SB-0067M-0001-SO	240-22648-34		1/1	28-Mar-2013 5:12 PM	10-Apr-2013 10:05 AM	02-May-2013 7:15 PM	N
	68762	NA	79-2ASA-DU2-SB	SO	079SB-0068M-0001-SO	240-22648-35		1/1	28-Mar-2013 5:14 PM	10-Apr-2013 10:05 AM	02-May-2013 7:23 PM	N
	68762	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0001-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	10-Apr-2013 10:05 AM	02-May-2013 7:32 PM	N
	68762	NA	79-2ASA-DU2-SB2	SO	079SB-0070M-0001-SO	240-22648-37		1/1	28-Mar-2013 4:30 PM	10-Apr-2013 10:05 AM	02-May-2013 7:40 PM	N
	68762	NA	79-2ASA-DU2-SB2	SO	079SB-0070M-0002-SO-MS	240-22648-37		1/1	28-Mar-2013 4:30 PM	10-Apr-2013 10:05 AM	02-May-2013 8:04 PM	MS
	68853	NA	LABQC	SQ	LABQC	MB 180-68853/1-A		1/1	11-Apr-2013 8:02 AM	11-Apr-2013 8:37 AM	02-May-2013 8:37 PM	LB
	68853	NA	LABQC	SQ	LABQC	LCS 180-68853/2-A		1/1	11-Apr-2013 8:02 AM	11-Apr-2013 8:02 AM	02-May-2013 8:46 PM	BS
	68853	NA	79-2ASA-DU2-SB3	SO	079SB-0071M-0001-SO	240-22648-38		1/1	28-Mar-2013 4:34 PM	11-Apr-2013 8:02 AM	02-May-2013 8:54 PM	N
	68853	NA	79-2ASA-DU2-SB4	SO	079SB-0072M-0001-SO	240-22648-39		1/1	28-Mar-2013 4:53 PM	11-Apr-2013 8:02 AM	02-May-2013 9:02 PM	N
	68853	NA	79-2ASA-DU2-SB4	SO	079SB-0072M-0002-SO-MS	240-22648-39		1/1	28-Mar-2013 4:53 PM	11-Apr-2013 8:02 AM	02-May-2013 9:26 PM	MS
	68853	NA	79-2ASA-DU2-SB5	SO	079SB-0074M-0001-SO	240-22648-40		1/1	28-Mar-2013 5:20 PM	11-Apr-2013 8:02 AM	02-May-2013 9:43 PM	N
	68853	NA	68-ESSW-DU2-SB	SO	068SB-0044M-0001-SO	240-22648-41		1/1	29-Mar-2013 10:21 AM	11-Apr-2013 8:02 AM	02-May-2013 10:08 PM	N
	68853	NA	68-ESSW-DU2-SB	SO	068SB-0045M-0001-SO	240-22648-42		1/1	29-Mar-2013 10:23 AM	11-Apr-2013 8:02 AM	02-May-2013 10:16 PM	N
	68853	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		1/1	29-Mar-2013 9:37 AM	11-Apr-2013 8:02 AM	02-May-2013 10:24 PM	N
	68853	NA	68-ESSW-DU2-SB2	SO	068SB-0047M-0001-SO	240-22648-44		1/1	29-Mar-2013 10:25 AM	11-Apr-2013 8:02 AM	02-May-2013 10:32 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW6020; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70828	68853	NA	68-ESSW-DU2-SB4	SO	068SB-0048M-0001-SO	240-22648-45		1/1	29-Mar-2013 10:07 AM	11-Apr-2013 8:02 AM	02-May-2013 10:40 PM	N
	68853	NA	68-ESSE-DU1-SB	SO	068SB-0033M-0001-SO	240-22648-46		1/1	29-Mar-2013 9:15 AM	11-Apr-2013 8:02 AM	02-May-2013 10:49 PM	N
	68853	NA	68-ESSE-DU1-SB	SO	068SB-0034M-0001-SO	240-22648-47		1/1	29-Mar-2013 9:19 AM	11-Apr-2013 8:02 AM	02-May-2013 10:57 PM	N
	68853	NA	68-ESSE-DU1-SB1	SO	068SB-0035M-0001-SO	240-22648-48		1/1	29-Mar-2013 8:26 AM	11-Apr-2013 8:02 AM	02-May-2013 11:05 PM	N
	68853	NA	68-ESSE-DU1-SB2	SO	068SB-0038M-0001-SO	240-22648-49		1/1	29-Mar-2013 9:20 AM	11-Apr-2013 8:02 AM	02-May-2013 11:13 PM	N
	68853	NA	68-ESSE-DU1-SB1	SO	068SB-0036M-0001-SO	240-22648-50		1/1	29-Mar-2013 8:27 AM	11-Apr-2013 8:02 AM	02-May-2013 11:22 PM	N
	68853	NA	68-ESSE-DU2-SB3	SO	068SB-0039M-0001-SO	240-22648-51		1/1	29-Mar-2013 8:52 AM	11-Apr-2013 8:02 AM	02-May-2013 11:46 PM	N
	68853	NA	68-ESSE-DU1-SB4	SO	068SB-0040M-0001-SO	240-22648-52		1/1	29-Mar-2013 8:59 AM	11-Apr-2013 8:02 AM	02-May-2013 11:54 PM	N
	68853	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		1/1	29-Mar-2013 9:12 AM	11-Apr-2013 8:02 AM	03-May-2013 12:03 AM	N
	68853	NA	68-ESSE-DU1-SB1	SO	068SB-0042M-0001-SO	240-22648-54		1/1	29-Mar-2013 8:33 AM	11-Apr-2013 8:02 AM	03-May-2013 12:11 AM	N
	68853	NA	68-SS3-DU1-SB	SO	068SB-0050M-0001-SO	240-22648-55		1/1	29-Mar-2013 11:57 AM	11-Apr-2013 8:02 AM	03-May-2013 12:19 AM	N
	68853	NA	68-SS3-DU1-SB	SO	068SB-0051M-0001-SO	240-22648-56		1/1	29-Mar-2013 11:58 AM	11-Apr-2013 8:02 AM	03-May-2013 12:27 AM	N
	68853	NA	68-SS3-DU1-SB1	SO	068SB-0052M-0001-SO	240-22648-57		1/1	29-Mar-2013 12:00 PM	11-Apr-2013 8:02 AM	03-May-2013 12:36 AM	N
70691	68865	NA	LABQC	SQ	LABQC	MB 180-68865/1-A		1/1	11-Apr-2013 9:06 AM	11-Apr-2013 9:06 AM	02-May-2013 12:00 AM	LB
	68865	NA	LABQC	SQ	LABQC	LCS 180-68865/2-A		1/1	11-Apr-2013 9:06 AM	11-Apr-2013 9:06 AM	02-May-2013 12:08 AM	BS
	68865	NA	68-SS3-DU1-SB2	SO	068SB-0053M-0001-SO	240-22648-58		1/1	29-Mar-2013 11:18 AM	11-Apr-2013 9:06 AM	02-May-2013 12:17 AM	N
	68865	NA	68-SS3-DU1-SB2	SO	068SB-0054M-0001-SO	240-22648-59		1/1	29-Mar-2013 11:19 AM	11-Apr-2013 9:06 AM	02-May-2013 12:25 AM	N
	68865	NA	68-SS3-DU1-SB3	SO	068SB-0056M-0001-SO	240-22648-60		1/1	29-Mar-2013 11:35 AM	11-Apr-2013 9:06 AM	02-May-2013 12:33 AM	N



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70691	68865	NA	68-SS3-DU1-SB4	SO	068SB-0057M-0001-SO	240-22648-61		1/1	29-Mar-2013 11:26 AM	11-Apr-2013 9:06 AM	02-May-2013 12:41 AM	N
	68865	NA	68-SS3-DU1-SB5	SO	068SB-0059M-0001-SO	240-22648-62		1/1	29-Mar-2013 11:47 AM	11-Apr-2013 9:06 AM	02-May-2013 12:49 AM	N

Test Method: SW7470A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81255	80775	NA	LABQC	WQ	LABQC	MB 240-80775/1-A		1/1	05-Apr-2013 3:45 PM	05-Apr-2013 3:45 PM	09-Apr-2013 10:48 AM	LB
	80775	NA	LABQC	WQ	LABQC	LCS 240-80775/2-A		1/1	05-Apr-2013 3:45 PM	05-Apr-2013 3:45 PM	09-Apr-2013 10:49 AM	BS
	80775	NA	73-NLCT-UP-SW1	WS	073SW-0056-0001-SW	240-22648-15		1/1	28-Mar-2013 1:55 PM	05-Apr-2013 3:45 PM	09-Apr-2013 10:51 AM	N
	80775	NA	73-NLCT-UP-SW1	WS	073SW-0056-0002-SW	240-22648-15		1/1	28-Mar-2013 1:55 PM	05-Apr-2013 3:45 PM	09-Apr-2013 10:55 AM	MS
	80775	NA	73-NLCT-MD-SW2	WS	073SW-0058-0001-SW	240-22648-16		1/1	28-Mar-2013 1:30 PM	05-Apr-2013 3:45 PM	09-Apr-2013 12:16 PM	N
	80775	NA	73-NLCT-MD-SW2	WS	073SW-0059-0001-SW	240-22648-17		1/1	28-Mar-2013 1:31 PM	05-Apr-2013 3:45 PM	09-Apr-2013 12:57 PM	N
	80775	NA	73-NLCT-DW-SW3	WS	073SW-0061-0001-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	05-Apr-2013 3:45 PM	09-Apr-2013 12:58 PM	N
	80775	NA	73-NLCT-DW-SW3	WS	073SW-0067-0001-SW	240-22648-21		1/1	28-Mar-2013 1:50 PM	05-Apr-2013 3:45 PM	09-Apr-2013 1:00 PM	N

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81267	81005	NA	LABQC	SQ	LABQC	MB 240-81005/1-A		1/1	08-Apr-2013 2:45 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:11 AM	LB
	81005	NA	LABQC	SQ	LABQC	LCS 240-81005/2-A		1/1	08-Apr-2013 2:45 PM	08-Apr-2013 2:45 PM	09-Apr-2013 10:13 AM	BS
	81005	NA	73-SCCT-DU1-SB	SO	073SB-0016M-0001-SO	240-22648-1		1/1	28-Mar-2013 11:08 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:57 AM	N
	81005	NA	73-SCCT-DU1-SB	SO	073SB-0017M-0001-SO	240-22648-2		1/1	28-Mar-2013 11:09 AM	08-Apr-2013 2:45 PM	09-Apr-2013 10:59 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW7471A; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81267	81005	NA	73-SCCT-DU1-SB	SO	073SB-0019M-0001-SO	240-22648-3		1/1	28-Mar-2013 11:10 AM	08-Apr-2013 2:45 PM	09-Apr-2013 11:01 AM	N
	81005	NA	73-SCCT-DU1-SB1	SO	073SB-0020M-0001-SO	240-22648-4		1/1	28-Mar-2013 9:52 AM	08-Apr-2013 2:45 PM	09-Apr-2013 11:03 AM	N
	81005	NA	73-SCCT-DU1-SB2	SO	073SB-0021M-0001-SO	240-22648-5		1/1	28-Mar-2013 10:03 AM	08-Apr-2013 2:45 PM	09-Apr-2013 11:05 AM	N
	81005	NA	73-SCCT-DU1-SB3	SO	073SB-0022M-0001-SO	240-22648-6		1/1	28-Mar-2013 10:54 AM	08-Apr-2013 2:45 PM	09-Apr-2013 11:07 AM	N
	81005	NA	73-SCCT-DU1-SB4	SO	073SB-0023M-0001-SO	240-22648-7		1/1	28-Mar-2013 11:12 AM	08-Apr-2013 2:45 PM	09-Apr-2013 11:12 AM	N
	81005	NA	73-SCCT-DU1-SB5	SO	073SB-0024M-0001-SO	240-22648-8		1/1	28-Mar-2013 10:07 AM	08-Apr-2013 2:45 PM	09-Apr-2013 11:14 AM	N
81523	81137	NA	LABQC	SQ	LABQC	MB 240-81137/1-A		1/1	09-Apr-2013 2:40 PM	09-Apr-2013 2:40 PM	11-Apr-2013 11:50 AM	LB
	81137	NA	LABQC	SQ	LABQC	LCS 240-81137/2-A		1/1	09-Apr-2013 2:40 PM	09-Apr-2013 2:40 PM	11-Apr-2013 11:51 AM	BS
	81137	NA	73-NLCT-UP-SD1	SE	073SD-0045-0001-SD	240-22648-10		1/1	28-Mar-2013 2:00 PM	09-Apr-2013 2:40 PM	11-Apr-2013 11:53 AM	N
	81137	NA	73-NLCT-UP-SD1	SE	073SD-0045-0002-SD	240-22648-10		1/1	28-Mar-2013 2:00 PM	09-Apr-2013 2:40 PM	11-Apr-2013 11:56 AM	MS
	81137	NA	79-2ASA-DU1-SB2	SO	079SB-0061M-0001-SO	240-22648-27		1/1	28-Mar-2013 3:12 PM	09-Apr-2013 2:40 PM	11-Apr-2013 11:57 AM	N
	81137	NA	79-2ASA-DU1-SB2	SO	079SB-0061M-0001-SO-MS	240-22648-27		1/1	28-Mar-2013 3:12 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:03 PM	MS
	81137	NA	73-SCCT-DU1-SB5	SO	073SB-0067-0001-SO	240-22648-9		1/1	28-Mar-2013 11:34 AM	09-Apr-2013 2:40 PM	11-Apr-2013 12:05 PM	N
	81137	NA	73-NLCT-MD-SD2	SE	073SD-0047-0001-SD	240-22648-11		1/1	28-Mar-2013 1:25 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:06 PM	N
	81137	NA	73-NLCT-MD-SD2	SE	073SD-0048-0001-SD	240-22648-12		1/1	28-Mar-2013 1:25 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:07 PM	FD
	81137	NA	73-NLCT-DW-SD3	SE	073SD-0050-0001-SD	240-22648-13		1/1	28-Mar-2013 1:05 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:08 PM	N
	81137	NA	73-NLCT-DD-SD4	SE	073SD-0046-0001-SD	240-22648-14		1/1	28-Mar-2013 1:45 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:10 PM	N
	81137	NA	79-2ASA-DU1-SB	SO	079SB-0055M-0001-SO	240-22648-22		1/1	28-Mar-2013 3:22 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:12 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW7471A; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81523	81137	NA	79-2ASA-DU1-SB	SO	079SB-0057M-0001-SO	240-22648-23		1/1	28-Mar-2013 3:23 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:13 PM	N
	81137	NA	79-2ASA-DU1-SB	SO	079SB-0058M-0001-SO	240-22648-24		1/1	28-Mar-2013 3:27 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:14 PM	N
	81137	NA	79-2ASA-DU1-SB	SO	079SB-0059M-0001-SO	240-22648-25		1/1	28-Mar-2013 3:28 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:16 PM	N
	81137	NA	79-2ASA-DU1-SB1	SO	079SB-0060M-0001-SO	240-22648-26		1/1	28-Mar-2013 3:25 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:20 PM	N
	81137	NA	79-2ASA-DU1-SB3	SO	079SB-0062M-0001-SO	240-22648-28		1/1	28-Mar-2013 2:50 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:22 PM	N
	81137	NA	79-2ASA-DU1-SB4	SO	079SB-0063M-0001-SO	240-22648-29		1/1	28-Mar-2013 2:37 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:23 PM	N
	81137	NA	79-2ASA-DU1-SB5	SO	079SB-0064M-0001-SO	240-22648-30		1/1	28-Mar-2013 2:00 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:24 PM	N
	81137	NA	79-2ASA-DU1-SB5	SO	079SB-0075M-0001-SO	240-22648-31		1/1	28-Mar-2013 2:21 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:26 PM	N
	81137	NA	79-2ASA-DU2-SB	SO	079SB-0065M-0001-SO	240-22648-32		1/1	28-Mar-2013 5:11 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:28 PM	N
	81137	NA	79-2ASA-DU2-SB	SO	079SB-0066M-0001-SO	240-22648-33		1/1	28-Mar-2013 5:10 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:29 PM	N
	81137	NA	79-2ASA-DU2-SB	SO	079SB-0067M-0001-SO	240-22648-34		1/1	28-Mar-2013 5:12 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:31 PM	N
	81137	NA	79-2ASA-DU2-SB	SO	079SB-0068M-0001-SO	240-22648-35		1/1	28-Mar-2013 5:14 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:32 PM	N
	81154	NA	LABQC	SQ	LABQC	MB 240-81154/1-A		1/1	09-Apr-2013 2:40 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:35 PM	LB
	81154	NA	LABQC	SQ	LABQC	LCS 240-81154/2-A		1/1	09-Apr-2013 2:40 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:40 PM	BS
	81154	NA	79-2ASA-DU2-SB2	SO	079SB-0070M-0001-SO	240-22648-37		1/1	28-Mar-2013 4:30 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:41 PM	N
	81154	NA	79-2ASA-DU2-SB2	SO	079SB-0070M-0002-SO-MS	240-22648-37		1/1	28-Mar-2013 4:30 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:44 PM	MS
	81154	NA	79-2ASA-DU2-SB4	SO	079SB-0072M-0001-SO	240-22648-39		1/1	28-Mar-2013 4:53 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:45 PM	N
	81154	NA	79-2ASA-DU2-SB4	SO	079SB-0072M-0002-SO-MS	240-22648-39		1/1	28-Mar-2013 4:53 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:48 PM	MS

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW7471A; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81523	81154	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0001-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:49 PM	N
	81154	NA	79-2ASA-DU2-SB3	SO	079SB-0071M-0001-SO	240-22648-38		1/1	28-Mar-2013 4:34 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:52 PM	N
	81154	NA	79-2ASA-DU2-SB5	SO	079SB-0074M-0001-SO	240-22648-40		1/1	28-Mar-2013 5:20 PM	09-Apr-2013 2:40 PM	11-Apr-2013 12:54 PM	N
	81154	NA	68-ESSW-DU2-SB	SO	068SB-0044M-0001-SO	240-22648-41		1/1	29-Mar-2013 10:21 AM	09-Apr-2013 2:40 PM	11-Apr-2013 12:59 PM	N
	81154	NA	68-ESSW-DU2-SB	SO	068SB-0045M-0001-SO	240-22648-42		1/1	29-Mar-2013 10:23 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:00 PM	N
	81154	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		1/1	29-Mar-2013 9:37 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:01 PM	N
	81154	NA	68-ESSW-DU2-SB2	SO	068SB-0047M-0001-SO	240-22648-44		1/1	29-Mar-2013 10:25 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:03 PM	N
	81154	NA	68-ESSW-DU2-SB4	SO	068SB-0048M-0001-SO	240-22648-45		1/1	29-Mar-2013 10:07 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:05 PM	N
	81154	NA	68-ESSE-DU1-SB	SO	068SB-0033M-0001-SO	240-22648-46		1/1	29-Mar-2013 9:15 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:07 PM	N
	81154	NA	68-ESSE-DU1-SB	SO	068SB-0034M-0001-SO	240-22648-47		1/1	29-Mar-2013 9:19 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:08 PM	N
	81154	NA	68-ESSE-DU1-SB1	SO	068SB-0035M-0001-SO	240-22648-48		1/1	29-Mar-2013 8:26 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:09 PM	N
	81154	NA	68-ESSE-DU1-SB2	SO	068SB-0038M-0001-SO	240-22648-49		1/1	29-Mar-2013 9:20 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:11 PM	N
	81154	NA	68-ESSE-DU1-SB1	SO	068SB-0036M-0001-SO	240-22648-50		1/1	29-Mar-2013 8:27 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:12 PM	N
	81154	NA	68-ESSE-DU2-SB3	SO	068SB-0039M-0001-SO	240-22648-51		1/1	29-Mar-2013 8:52 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:17 PM	N
	81154	NA	68-ESSE-DU1-SB4	SO	068SB-0040M-0001-SO	240-22648-52		1/1	29-Mar-2013 8:59 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:18 PM	N
	81154	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		1/1	29-Mar-2013 9:12 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:20 PM	N
	81154	NA	68-ESSE-DU1-SB1	SO	068SB-0042M-0001-SO	240-22648-54		1/1	29-Mar-2013 8:33 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:21 PM	N
	81154	NA	68-SS3-DU1-SB	SO	068SB-0050M-0001-SO	240-22648-55		1/1	29-Mar-2013 11:57 AM	09-Apr-2013 2:40 PM	11-Apr-2013 1:22 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

**Test Method: SW7471A; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81523	81357	NA	LABQC	SQ	LABQC	MB 240-81357/1-A		1/1	10-Apr-2013 2:15 PM	10-Apr-2013 2:15 PM	11-Apr-2013 11:05 AM	LB
	81357	NA	LABQC	SQ	LABQC	LCS 240-81357/2-A		1/1	10-Apr-2013 2:15 PM	10-Apr-2013 2:15 PM	11-Apr-2013 11:10 AM	BS
	81357	NA	68-SS3-DU1-SB	SO	068SB-0051M-0001-SO	240-22648-56		1/1	29-Mar-2013 11:58 AM	10-Apr-2013 2:15 PM	11-Apr-2013 11:28 AM	N
	81357	NA	68-SS3-DU1-SB1	SO	068SB-0052M-0001-SO	240-22648-57		1/1	29-Mar-2013 12:00 PM	10-Apr-2013 2:15 PM	11-Apr-2013 11:30 AM	N
	81357	NA	68-SS3-DU1-SB2	SO	068SB-0053M-0001-SO	240-22648-58		1/1	29-Mar-2013 11:18 AM	10-Apr-2013 2:15 PM	11-Apr-2013 11:32 AM	N
	81357	NA	68-SS3-DU1-SB2	SO	068SB-0054M-0001-SO	240-22648-59		1/1	29-Mar-2013 11:19 AM	10-Apr-2013 2:15 PM	11-Apr-2013 11:33 AM	N
	81357	NA	68-SS3-DU1-SB3	SO	068SB-0056M-0001-SO	240-22648-60		1/1	29-Mar-2013 11:35 AM	10-Apr-2013 2:15 PM	11-Apr-2013 11:36 AM	N
	81357	NA	68-SS3-DU1-SB4	SO	068SB-0057M-0001-SO	240-22648-61		1/1	29-Mar-2013 11:26 AM	10-Apr-2013 2:15 PM	11-Apr-2013 11:37 AM	N
	81357	NA	68-SS3-DU1-SB5	SO	068SB-0059M-0001-SO	240-22648-62		1/1	29-Mar-2013 11:47 AM	10-Apr-2013 2:15 PM	11-Apr-2013 11:38 AM	N

**Test Method: SW8081; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82389	80549	NA	73-NLCT-DW-SW3	WS	073SW-0061-0001-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	04-Apr-2013 9:39 AM	17-Apr-2013 6:37 PM	N
	80549	NA	LABQC	WQ	LABQC	MB 240-80549/3-A		1/1	04-Apr-2013 9:39 AM	04-Apr-2013 9:39 AM	17-Apr-2013 7:17 PM	LB
	80549	NA	LABQC	WQ	LABQC	LCS 240-80549/4-A		1/1	04-Apr-2013 9:39 AM	04-Apr-2013 9:39 AM	17-Apr-2013 7:37 PM	BS
82129	80978	NA	LABQC	SQ	LABQC	LCS 240-80978/18-A		1/1	08-Apr-2013 11:01 AM	08-Apr-2013 11:01 AM	16-Apr-2013 9:01 PM	BS
	80978	NA	73-NLCT-DW-SD3	SE	073SD-0050-0001-SD	240-22648-13		1/20	28-Mar-2013 1:05 PM	08-Apr-2013 11:01 AM	16-Apr-2013 11:22 PM	N
	80978	NA	79-2ASA-DU1-SB4	SO	079SB-0063M-0001-SO	240-22648-29		1/1	28-Mar-2013 2:37 PM	08-Apr-2013 11:01 AM	16-Apr-2013 11:42 PM	N
	80978	NA	LABQC	SQ	LABQC	MB 240-80978/17-A		1/1	08-Apr-2013 11:01 AM	08-Apr-2013 11:01 AM	17-Apr-2013 12:03 AM	LB

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82129	80978	NA	79-2ASA-DU1-SB5	SO	079SB-0064M-0001-SO	240-22648-30		1/1	28-Mar-2013 2:00 PM	08-Apr-2013 11:01 AM	17-Apr-2013 12:43 AM	N
	80978	NA	79-2ASA-DU2-SB3	SO	079SB-0071M-0001-SO	240-22648-38		1/1	28-Mar-2013 4:34 PM	08-Apr-2013 11:01 AM	17-Apr-2013 1:23 AM	N
	80978	NA	79-2ASA-DU2-SB5	SO	079SB-0074M-0001-SO	240-22648-40		1/1	28-Mar-2013 5:20 PM	08-Apr-2013 11:01 AM	17-Apr-2013 1:43 AM	N
	80978	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		1/1	29-Mar-2013 9:37 AM	08-Apr-2013 11:01 AM	17-Apr-2013 2:03 AM	N
	80978	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		1/1	29-Mar-2013 9:12 AM	08-Apr-2013 11:01 AM	17-Apr-2013 2:23 AM	N
	80978	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		1/1	29-Mar-2013 9:12 AM	08-Apr-2013 11:01 AM	17-Apr-2013 2:44 AM	MS
	80978	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		1/1	29-Mar-2013 9:12 AM	08-Apr-2013 11:01 AM	17-Apr-2013 3:04 AM	SD
82389	82127	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0001-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	16-Apr-2013 11:34 AM	17-Apr-2013 7:57 PM	N
	82127	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0002-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	16-Apr-2013 11:34 AM	17-Apr-2013 8:17 PM	MS
	82127	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0002-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	16-Apr-2013 11:34 AM	17-Apr-2013 8:38 PM	SD
	82127	NA	LABQC	SQ	LABQC	MB 240-82127/4-A		1/1	16-Apr-2013 11:34 AM	16-Apr-2013 11:34 AM	17-Apr-2013 8:58 PM	LB
	82127	NA	LABQC	SQ	LABQC	LCS 240-82127/5-A		1/1	16-Apr-2013 11:34 AM	16-Apr-2013 11:34 AM	17-Apr-2013 9:18 PM	BS

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
80924	80548	NA	73-NLCT-DW-SW3	WS	073SW-0061-0001-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	04-Apr-2013 9:38 AM	08-Apr-2013 2:40 PM	N
	80548	NA	LABQC	WQ	LABQC	MB 240-80548/3-A		1/1	04-Apr-2013 9:38 AM	04-Apr-2013 9:38 AM	08-Apr-2013 3:09 PM	LB
	80548	NA	LABQC	WQ	LABQC	LCS 240-80548/4-A		1/1	04-Apr-2013 9:38 AM	04-Apr-2013 9:38 AM	08-Apr-2013 3:23 PM	BS
81439	80983	NA	79-2ASA-DU1-SB4	SO	079SB-0063M-0001-SO	240-22648-29		1/1	28-Mar-2013 2:37 PM	08-Apr-2013 11:10 AM	11-Apr-2013 12:00 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW8082; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81439	80983	NA	79-2ASA-DU1-SB5	SO	079SB-0064M-0001-SO	240-22648-30		1/1	28-Mar-2013 2:00 PM	08-Apr-2013 11:10 AM	11-Apr-2013 12:14 PM	N
	80983	NA	LABQC	SQ	LABQC	MB 240-80983/17-A		1/1	08-Apr-2013 11:10 AM	08-Apr-2013 11:10 AM	11-Apr-2013 12:28 PM	LB
	80983	NA	79-2ASA-DU2-SB3	SO	079SB-0071M-0001-SO	240-22648-38		1/1	28-Mar-2013 4:34 PM	08-Apr-2013 11:10 AM	11-Apr-2013 1:13 PM	N
	80983	NA	79-2ASA-DU2-SB5	SO	079SB-0074M-0001-SO	240-22648-40		1/1	28-Mar-2013 5:20 PM	08-Apr-2013 11:10 AM	11-Apr-2013 1:27 PM	N
	80983	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		1/1	29-Mar-2013 9:37 AM	08-Apr-2013 11:10 AM	11-Apr-2013 1:42 PM	N
	80983	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		1/1	29-Mar-2013 9:37 AM	08-Apr-2013 11:10 AM	11-Apr-2013 1:56 PM	MS
	80983	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		1/1	29-Mar-2013 9:37 AM	08-Apr-2013 11:10 AM	11-Apr-2013 2:11 PM	SD
	80983	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		1/1	29-Mar-2013 9:12 AM	08-Apr-2013 11:10 AM	11-Apr-2013 2:26 PM	N
	80983	NA	LABQC	SQ	LABQC	LCS 240-80983/18-A		1/1	08-Apr-2013 11:10 AM	08-Apr-2013 11:10 AM	11-Apr-2013 2:40 PM	BS
81867	81544	NA	68-ESSW-DU2-SB	SO	068SB-0044M-0001-SO	240-22648-41		1/1	29-Mar-2013 10:21 AM	11-Apr-2013 11:52 AM	15-Apr-2013 11:57 AM	N
	81544	NA	68-ESSW-DU2-SB	SO	068SB-0045M-0001-SO	240-22648-42		1/1	29-Mar-2013 10:23 AM	11-Apr-2013 11:52 AM	15-Apr-2013 12:11 PM	N
	81544	NA	68-ESSW-DU2-SB2	SO	068SB-0047M-0001-SO	240-22648-44		1/1	29-Mar-2013 10:25 AM	11-Apr-2013 11:52 AM	15-Apr-2013 12:25 PM	N
	81544	NA	68-ESSW-DU2-SB4	SO	068SB-0048M-0001-SO	240-22648-45		1/1	29-Mar-2013 10:07 AM	11-Apr-2013 11:52 AM	15-Apr-2013 12:40 PM	N
	81544	NA	68-ESSE-DU1-SB	SO	068SB-0033M-0001-SO	240-22648-46		1/1	29-Mar-2013 9:15 AM	11-Apr-2013 11:52 AM	15-Apr-2013 12:55 PM	N
	81544	NA	68-ESSE-DU1-SB	SO	068SB-0034M-0001-SO	240-22648-47		1/1	29-Mar-2013 9:19 AM	11-Apr-2013 11:52 AM	15-Apr-2013 1:09 PM	N
	81544	NA	68-ESSE-DU1-SB1	SO	068SB-0035M-0001-SO	240-22648-48		1/1	29-Mar-2013 8:26 AM	11-Apr-2013 11:52 AM	15-Apr-2013 1:24 PM	N
	81544	NA	68-ESSE-DU1-SB2	SO	068SB-0038M-0001-SO	240-22648-49		1/1	29-Mar-2013 9:20 AM	11-Apr-2013 11:52 AM	15-Apr-2013 1:38 PM	N
	81544	NA	68-ESSE-DU1-SB1	SO	068SB-0036M-0001-SO	240-22648-50		1/1	29-Mar-2013 8:27 AM	11-Apr-2013 11:52 AM	15-Apr-2013 1:52 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW8082; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81867	81544	NA	LABQC	SQ	LABQC	MB 240-81544/23-A		1/1	11-Apr-2013 11:52 AM	11-Apr-2013 11:52 AM	15-Apr-2013 2:07 PM	LB
	81544	NA	68-ESSE-DU2-SB3	SO	068SB-0039M-0001-SO	240-22648-51		1/1	29-Mar-2013 8:52 AM	11-Apr-2013 11:52 AM	15-Apr-2013 2:36 PM	N
	81544	NA	68-ESSE-DU1-SB4	SO	068SB-0040M-0001-SO	240-22648-52		1/1	29-Mar-2013 8:59 AM	11-Apr-2013 11:52 AM	15-Apr-2013 2:51 PM	N
	81544	NA	68-ESSE-DU1-SB1	SO	068SB-0042M-0001-SO	240-22648-54		1/1	29-Mar-2013 8:33 AM	11-Apr-2013 11:52 AM	15-Apr-2013 3:06 PM	N
	81544	NA	68-SS3-DU1-SB	SO	068SB-0050M-0001-SO	240-22648-55		1/1	29-Mar-2013 11:57 AM	11-Apr-2013 11:52 AM	15-Apr-2013 3:20 PM	N
	81544	NA	68-SS3-DU1-SB	SO	068SB-0051M-0001-SO	240-22648-56		1/1	29-Mar-2013 11:58 AM	11-Apr-2013 11:52 AM	15-Apr-2013 3:35 PM	N
	81544	NA	68-SS3-DU1-SB1	SO	068SB-0052M-0001-SO	240-22648-57		1/1	29-Mar-2013 12:00 PM	11-Apr-2013 11:52 AM	15-Apr-2013 3:49 PM	N
	81544	NA	68-SS3-DU1-SB2	SO	068SB-0053M-0001-SO	240-22648-58		1/1	29-Mar-2013 11:18 AM	11-Apr-2013 11:52 AM	15-Apr-2013 4:03 PM	N
	81544	NA	68-SS3-DU1-SB2	SO	068SB-0054M-0001-SO	240-22648-59		1/1	29-Mar-2013 11:19 AM	11-Apr-2013 11:52 AM	15-Apr-2013 4:18 PM	N
	81544	NA	68-SS3-DU1-SB3	SO	068SB-0056M-0001-SO	240-22648-60		1/1	29-Mar-2013 11:35 AM	11-Apr-2013 11:52 AM	15-Apr-2013 4:32 PM	N
	81544	NA	LABQC	SQ	LABQC	LCS 240-81544/24-A		1/1	11-Apr-2013 11:52 AM	11-Apr-2013 11:52 AM	15-Apr-2013 4:47 PM	BS
	81544	NA	68-SS3-DU1-SB4	SO	068SB-0057M-0001-SO	240-22648-61		1/1	29-Mar-2013 11:26 AM	11-Apr-2013 11:52 AM	15-Apr-2013 5:16 PM	N
	81544	NA	68-SS3-DU1-SB5	SO	068SB-0059M-0001-SO	240-22648-62		1/1	29-Mar-2013 11:47 AM	11-Apr-2013 11:52 AM	15-Apr-2013 5:31 PM	N
	81544	NA	68-SS3-DU1-SB5	SO	068SB-0059M-0001-SO	240-22648-62		1/1	29-Mar-2013 11:47 AM	11-Apr-2013 11:52 AM	15-Apr-2013 5:45 PM	MS
	81544	NA	68-SS3-DU1-SB5	SO	068SB-0059M-0001-SO	240-22648-62		1/1	29-Mar-2013 11:47 AM	11-Apr-2013 11:52 AM	15-Apr-2013 6:00 PM	SD
82562	82117	NA	73-NLCT-DW-SD3	SE	073SD-0050-0001-SD	240-22648-13		1/1	28-Mar-2013 1:05 PM	16-Apr-2013 10:59 AM	18-Apr-2013 5:18 PM	N
	82117	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0001-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	16-Apr-2013 10:59 AM	18-Apr-2013 5:49 PM	N
	82117	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0002-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	16-Apr-2013 10:59 AM	18-Apr-2013 6:04 PM	MS



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

**Test Method: SW8082; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82562	82117	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0002-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	16-Apr-2013 10:59 AM	18-Apr-2013 6:20 PM	SD
	82117	NA	LABQC	SQ	LABQC	MB 240-82117/17-A		1/1	16-Apr-2013 10:59 AM	16-Apr-2013 10:59 AM	18-Apr-2013 6:36 PM	LB
	82117	NA	LABQC	SQ	LABQC	LCS 240-82117/18-A		1/1	16-Apr-2013 10:59 AM	16-Apr-2013 10:59 AM	18-Apr-2013 6:51 PM	BS

**Test Method: SW8260B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
80741	NA	NA	LABQC	SQ	LABQC	LCS 240-80741/6		1/1	05-Apr-2013 12:04 PM		05-Apr-2013 12:04 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-80741/30		1/1	05-Apr-2013 1:05 PM		05-Apr-2013 1:05 PM	LB
80954	NA	NA	LABQC	SQ	LABQC	LCS 240-80954/6		1/1	08-Apr-2013 12:22 PM		08-Apr-2013 12:22 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-80954/7		1/1	08-Apr-2013 12:43 PM		08-Apr-2013 12:43 PM	LB
80741	80275	NA	73-NLCT-DW-SD3	SE	073SD-0050-0001-SD	240-22648-13		1/1	28-Mar-2013 1:05 PM	29-Mar-2013 7:34 PM	05-Apr-2013 5:38 PM	N
	80275	NA	79-2ASA-DU1-SB4	SO	079SB-0063M-0001-SO	240-22648-29		1/1	28-Mar-2013 2:37 PM	29-Mar-2013 7:34 PM	05-Apr-2013 5:59 PM	N
	80275	NA	79-2ASA-DU1-SB5	SO	079SB-0064M-0001-SO	240-22648-30		1/1	28-Mar-2013 2:00 PM	29-Mar-2013 7:34 PM	05-Apr-2013 6:21 PM	N
	80275	NA	79-2ASA-DU2-SB5	SO	079SB-0074M-0001-SO	240-22648-40		1/1	28-Mar-2013 5:20 PM	29-Mar-2013 7:34 PM	05-Apr-2013 7:25 PM	N
	80275	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		1/1	29-Mar-2013 9:12 AM	29-Mar-2013 7:34 PM	05-Apr-2013 8:08 PM	N
	80275	NA	68-SS3-DU1-SB4	SO	068SB-0057M-0001-SO	240-22660-30		1/1	29-Mar-2013 11:26 AM	29-Mar-2013 7:34 PM	05-Apr-2013 8:29 PM	N
80954	80275	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0001-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	29-Mar-2013 7:34 PM	08-Apr-2013 2:33 PM	N
	80275	NA	79-2ASA-DU2-SB3	SO	079SB-0071M-0001-SO	240-22648-38		1/1	28-Mar-2013 4:34 PM	29-Mar-2013 7:34 PM	08-Apr-2013 2:54 PM	N
	80275	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		1/1	29-Mar-2013 9:37 AM	29-Mar-2013 7:34 PM	08-Apr-2013 3:37 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81013	81013	NA	LABQC	WQ	LABQC	LCS 240-81013/4		1/1	08-Apr-2013 12:50 PM	08-Apr-2013 12:50 PM	08-Apr-2013 12:50 PM	BS
	81013	NA	LABQC	WQ	LABQC	MB 240-81013/6		1/1	08-Apr-2013 1:34 PM	08-Apr-2013 1:34 PM	08-Apr-2013 1:34 PM	LB
	81013	NA	73-NLCT-DW-SW3	WS	073SW-0061-0001-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	08-Apr-2013 2:17 PM	08-Apr-2013 2:17 PM	N
	81013	NA	73-NLCT-DW-SW3	WG	073SW-0057-0001-TB	240-22648-20		1/1	29-Mar-2013 8:00 AM	08-Apr-2013 3:44 PM	08-Apr-2013 3:44 PM	N
	81013	NA	73-NLCT-DW-SW3	WS	073SW-0061-0002-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	08-Apr-2013 6:14 PM	08-Apr-2013 6:14 PM	MS
	81013	NA	73-NLCT-DW-SW3	WS	073SW-0061-0002-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	08-Apr-2013 6:36 PM	08-Apr-2013 6:36 PM	SD

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81555	80545	NA	LABQC	WQ	LABQC	MB 240-80545/22-A		1/1	04-Apr-2013 9:26 AM	04-Apr-2013 9:26 AM	11-Apr-2013 2:38 PM	LB
	80545	NA	LABQC	WQ	LABQC	LCS 240-80545/21-A		1/1	04-Apr-2013 9:26 AM	04-Apr-2013 9:26 AM	11-Apr-2013 2:58 PM	BS
	80545	NA	73-NLCT-UP-SW1	WS	073SW-0056-0001-SW	240-22648-15		1/1	28-Mar-2013 1:55 PM	04-Apr-2013 9:26 AM	11-Apr-2013 5:38 PM	N
	80545	NA	73-NLCT-UP-SW1	WS	073SW-0056-0002-SW	240-22648-15		1/1	28-Mar-2013 1:55 PM	04-Apr-2013 9:26 AM	11-Apr-2013 5:57 PM	MS
	80545	NA	73-NLCT-UP-SW1	WS	073SW-0056-0002-SW	240-22648-15		1/1	28-Mar-2013 1:55 PM	04-Apr-2013 9:26 AM	11-Apr-2013 6:17 PM	SD
	80547	NA	LABQC	WQ	LABQC	MB 240-80547/10-A		1/1	04-Apr-2013 9:34 AM	04-Apr-2013 9:34 AM	11-Apr-2013 3:18 PM	LB
	80547	NA	LABQC	WQ	LABQC	LCS 240-80547/11-A		1/1	04-Apr-2013 9:34 AM	04-Apr-2013 9:34 AM	11-Apr-2013 3:38 PM	BS
	80547	NA	73-NLCT-MD-SW2	WS	073SW-0058-0001-SW	240-22648-16		1/1	28-Mar-2013 1:30 PM	04-Apr-2013 9:34 AM	11-Apr-2013 6:37 PM	N
	80547	NA	73-NLCT-MD-SW2	WS	073SW-0059-0001-SW	240-22648-17		1/1	28-Mar-2013 1:31 PM	04-Apr-2013 9:34 AM	11-Apr-2013 6:57 PM	N
	80547	NA	73-NLCT-DW-SW3	WS	073SW-0061-0001-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	04-Apr-2013 9:34 AM	11-Apr-2013 7:17 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW8270C; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81555	80547	NA	73-NLCT-DW-SW3	WS	073SW-0067-0001-SW	240-22648-21		1/1	28-Mar-2013 1:50 PM	04-Apr-2013 9:34 AM	11-Apr-2013 7:37 PM	N
82073	81290	NA	LABQC	SQ	LABQC	MB 240-81290/19-A		1/1	10-Apr-2013 9:37 AM	10-Apr-2013 9:37 AM	16-Apr-2013 10:05 AM	LB
	81290	NA	LABQC	SQ	LABQC	LCS 240-81290/20-A		1/1	10-Apr-2013 9:37 AM	10-Apr-2013 9:37 AM	16-Apr-2013 10:28 AM	BS
	81290	NA	73-NLCT-UP-SD1	SE	073SD-0045-0001-SD	240-22648-10		1/1	28-Mar-2013 2:00 PM	10-Apr-2013 9:37 AM	16-Apr-2013 10:52 AM	N
	81290	NA	73-NLCT-UP-SD1	SE	073SD-0045-0002-SD	240-22648-10		1/1	28-Mar-2013 2:00 PM	10-Apr-2013 9:37 AM	16-Apr-2013 11:16 AM	MS
	81290	NA	73-NLCT-UP-SD1	SE	073SD-0045-0002-SD	240-22648-10		1/1	28-Mar-2013 2:00 PM	10-Apr-2013 9:37 AM	16-Apr-2013 11:40 AM	SD
	81290	NA	73-SCCT-DU1-SB1	SO	073SB-0020M-0001-SO	240-22648-4		1/1	28-Mar-2013 9:52 AM	10-Apr-2013 9:37 AM	16-Apr-2013 12:03 PM	N
	81290	NA	73-NLCT-MD-SD2	SE	073SD-0048-0001-SD	240-22648-12		1/1	28-Mar-2013 1:25 PM	10-Apr-2013 9:37 AM	16-Apr-2013 12:27 PM	FD
	81290	NA	73-NLCT-DW-SD3	SE	073SD-0050-0001-SD	240-22648-13		1/1	28-Mar-2013 1:05 PM	10-Apr-2013 9:37 AM	16-Apr-2013 12:51 PM	N
	81290	NA	73-SCCT-DU1-SB	SO	073SB-0016M-0001-SO	240-22648-1		1/1	28-Mar-2013 11:08 AM	10-Apr-2013 9:37 AM	16-Apr-2013 1:15 PM	N
	81290	NA	73-SCCT-DU1-SB	SO	073SB-0017M-0001-SO	240-22648-2		1/1	28-Mar-2013 11:09 AM	10-Apr-2013 9:37 AM	16-Apr-2013 1:39 PM	N
	81290	NA	73-SCCT-DU1-SB	SO	073SB-0019M-0001-SO	240-22648-3		1/1	28-Mar-2013 11:10 AM	10-Apr-2013 9:37 AM	16-Apr-2013 4:02 PM	N
	81290	NA	73-SCCT-DU1-SB3	SO	073SB-0022M-0001-SO	240-22648-6		1/1	28-Mar-2013 10:54 AM	10-Apr-2013 9:37 AM	16-Apr-2013 4:26 PM	N
	81290	NA	73-SCCT-DU1-SB2	SO	073SB-0021M-0001-SO	240-22648-5		1/1	28-Mar-2013 10:03 AM	10-Apr-2013 9:37 AM	16-Apr-2013 4:50 PM	N
	81290	NA	73-NLCT-MD-SD2	SE	073SD-0047-0001-SD	240-22648-11		1/1	28-Mar-2013 1:25 PM	10-Apr-2013 9:37 AM	16-Apr-2013 5:14 PM	N
	81290	NA	73-SCCT-DU1-SB5	SO	073SB-0067-0001-SO	240-22648-9		1/1	28-Mar-2013 11:34 AM	10-Apr-2013 9:37 AM	16-Apr-2013 5:37 PM	N
82293	81290	NA	73-SCCT-DU1-SB4	SO	073SB-0023M-0001-SO	240-22648-7		1/1	28-Mar-2013 11:12 AM	10-Apr-2013 9:37 AM	17-Apr-2013 3:09 PM	N
	81290	NA	73-SCCT-DU1-SB5	SO	073SB-0024M-0001-SO	240-22648-8		1/1	28-Mar-2013 10:07 AM	10-Apr-2013 9:37 AM	17-Apr-2013 3:32 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW8270C; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82487	81308	NA	LABQC	SQ	LABQC	LCS 240-81308/22-A		1/1	10-Apr-2013 10:24 AM	10-Apr-2013 10:24 AM	18-Apr-2013 3:05 PM	BS
	81308	NA	68-SS3-DU1-SB4	SO	068SB-0057M-0001-SO	240-22648-61		1/1	29-Mar-2013 11:26 AM	10-Apr-2013 10:24 AM	18-Apr-2013 3:29 PM	N
	81308	NA	68-SS3-DU1-SB4	SO	068SB-0057M-0001-SO	240-22648-61		1/1	29-Mar-2013 11:26 AM	10-Apr-2013 10:24 AM	18-Apr-2013 3:53 PM	MS
	81308	NA	68-SS3-DU1-SB4	SO	068SB-0057M-0001-SO	240-22648-61		1/1	29-Mar-2013 11:26 AM	10-Apr-2013 10:24 AM	18-Apr-2013 4:17 PM	SD
	81308	NA	LABQC	SQ	LABQC	MB 240-81308/21-A		1/1	10-Apr-2013 10:24 AM	10-Apr-2013 10:24 AM	18-Apr-2013 4:41 PM	LB
	81308	NA	68-ESSW-DU2-SB2	SO	068SB-0047M-0001-SO	240-22648-44		1/1	29-Mar-2013 10:25 AM	10-Apr-2013 10:24 AM	18-Apr-2013 5:05 PM	N
	81308	NA	68-ESSE-DU1-SB	SO	068SB-0033M-0001-SO	240-22648-46		1/1	29-Mar-2013 9:15 AM	10-Apr-2013 10:24 AM	18-Apr-2013 5:29 PM	N
	81308	NA	68-ESSE-DU1-SB	SO	068SB-0034M-0001-SO	240-22648-47		1/1	29-Mar-2013 9:19 AM	10-Apr-2013 10:24 AM	18-Apr-2013 5:53 PM	N
	81308	NA	68-ESSE-DU1-SB1	SO	068SB-0035M-0001-SO	240-22648-48		1/1	29-Mar-2013 8:26 AM	10-Apr-2013 10:24 AM	18-Apr-2013 6:17 PM	N
	81308	NA	68-ESSE-DU1-SB2	SO	068SB-0038M-0001-SO	240-22648-49		1/1	29-Mar-2013 9:20 AM	10-Apr-2013 10:24 AM	18-Apr-2013 6:40 PM	N
	81308	NA	68-ESSE-DU1-SB1	SO	068SB-0036M-0001-SO	240-22648-50		1/1	29-Mar-2013 8:27 AM	10-Apr-2013 10:24 AM	18-Apr-2013 7:04 PM	N
	81308	NA	68-ESSE-DU2-SB3	SO	068SB-0039M-0001-SO	240-22648-51		1/1	29-Mar-2013 8:52 AM	10-Apr-2013 10:24 AM	18-Apr-2013 7:28 PM	N
	81308	NA	68-ESSE-DU1-SB4	SO	068SB-0040M-0001-SO	240-22648-52		1/1	29-Mar-2013 8:59 AM	10-Apr-2013 10:24 AM	18-Apr-2013 7:52 PM	N
	81308	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		1/1	29-Mar-2013 9:12 AM	10-Apr-2013 10:24 AM	18-Apr-2013 8:16 PM	N
	81308	NA	68-ESSE-DU1-SB1	SO	068SB-0042M-0001-SO	240-22648-54		1/1	29-Mar-2013 8:33 AM	10-Apr-2013 10:24 AM	18-Apr-2013 8:40 PM	N
	81308	NA	68-SS3-DU1-SB	SO	068SB-0050M-0001-SO	240-22648-55		1/1	29-Mar-2013 11:57 AM	10-Apr-2013 10:24 AM	18-Apr-2013 9:04 PM	N
	81308	NA	68-SS3-DU1-SB	SO	068SB-0051M-0001-SO	240-22648-56		1/1	29-Mar-2013 11:58 AM	10-Apr-2013 10:24 AM	18-Apr-2013 9:28 PM	N
	81308	NA	68-SS3-DU1-SB1	SO	068SB-0052M-0001-SO	240-22648-57		1/1	29-Mar-2013 12:00 PM	10-Apr-2013 10:24 AM	18-Apr-2013 9:51 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW8270C; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82487	81308	NA	68-SS3-DU1-SB2	SO	068SB-0053M-0001-SO	240-22648-58		1/1	29-Mar-2013 11:18 AM	10-Apr-2013 10:24 AM	18-Apr-2013 10:15 PM	N
	81308	NA	68-SS3-DU1-SB2	SO	068SB-0054M-0001-SO	240-22648-59		1/1	29-Mar-2013 11:19 AM	10-Apr-2013 10:24 AM	18-Apr-2013 10:39 PM	N
	81308	NA	68-SS3-DU1-SB3	SO	068SB-0056M-0001-SO	240-22648-60		1/1	29-Mar-2013 11:35 AM	10-Apr-2013 10:24 AM	18-Apr-2013 11:03 PM	N
	81308	NA	68-SS3-DU1-SB5	SO	068SB-0059M-0001-SO	240-22648-62		1/1	29-Mar-2013 11:47 AM	10-Apr-2013 10:24 AM	18-Apr-2013 11:27 PM	N
82293	81333	NA	LABQC	SQ	LABQC	MB 240-81333/23-A		1/1	10-Apr-2013 11:28 AM	10-Apr-2013 11:28 AM	17-Apr-2013 1:34 PM	LB
	81333	NA	LABQC	SQ	LABQC	LCS 240-81333/24-A		1/1	10-Apr-2013 11:28 AM	10-Apr-2013 11:28 AM	17-Apr-2013 1:58 PM	BS
	81333	NA	73-NLCT-DD-SD4	SE	073SD-0046-0001-SD	240-22648-14		1/1	28-Mar-2013 1:45 PM	10-Apr-2013 11:28 AM	17-Apr-2013 3:56 PM	N
	81333	NA	79-2ASA-DU1-SB4	SO	079SB-0063M-0001-SO	240-22648-29		1/1	28-Mar-2013 2:37 PM	10-Apr-2013 11:28 AM	17-Apr-2013 4:20 PM	N
	81333	NA	79-2ASA-DU1-SB5	SO	079SB-0064M-0001-SO	240-22648-30		1/1	28-Mar-2013 2:00 PM	10-Apr-2013 11:28 AM	17-Apr-2013 4:44 PM	N
	81333	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0001-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	10-Apr-2013 11:28 AM	17-Apr-2013 5:07 PM	N
	81333	NA	79-2ASA-DU2-SB3	SO	079SB-0071M-0001-SO	240-22648-38		1/1	28-Mar-2013 4:34 PM	10-Apr-2013 11:28 AM	17-Apr-2013 5:31 PM	N
	81333	NA	79-2ASA-DU2-SB5	SO	079SB-0074M-0001-SO	240-22648-40		1/1	28-Mar-2013 5:20 PM	10-Apr-2013 11:28 AM	17-Apr-2013 5:55 PM	N
	81333	NA	68-ESSW-DU2-SB	SO	068SB-0044M-0001-SO	240-22648-41		1/1	29-Mar-2013 10:21 AM	10-Apr-2013 11:28 AM	17-Apr-2013 6:18 PM	N
	81333	NA	68-ESSW-DU2-SB	SO	068SB-0045M-0001-SO	240-22648-42		1/1	29-Mar-2013 10:23 AM	10-Apr-2013 11:28 AM	17-Apr-2013 6:42 PM	N
	81333	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		1/1	29-Mar-2013 9:37 AM	10-Apr-2013 11:28 AM	17-Apr-2013 7:06 PM	N
	81541	NA	LABQC	SQ	LABQC	MB 240-81541/20-A		1/1	11-Apr-2013 11:48 AM	11-Apr-2013 11:48 AM	17-Apr-2013 12:47 PM	LB
	81541	NA	LABQC	SQ	LABQC	LCS 240-81541/19-A		1/1	11-Apr-2013 11:48 AM	11-Apr-2013 11:48 AM	17-Apr-2013 1:10 PM	BS
	81541	NA	68-ESSW-DU2-SB4	SO	068SB-0048M-0001-SO	240-22648-45		1/1	29-Mar-2013 10:07 AM	11-Apr-2013 11:48 AM	17-Apr-2013 2:45 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

Test Method: SW8330B; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
14412	13604	NA	LABQC	WQ	LABQC	MB 320-13604/1-A		1/1	04-Apr-2013 7:31 AM	04-Apr-2013 7:31 AM	19-Apr-2013 10:12 PM	LB
	13604	NA	LABQC	WQ	LABQC	LCS 320-13604/2-A		1/1	04-Apr-2013 7:31 AM	04-Apr-2013 7:31 AM	19-Apr-2013 11:09 PM	BS
	13604	NA	73-NLCT-DW-SW3	WS	073SW-0061-0001-SW	240-22648-18		2/1	28-Mar-2013 1:00 PM	04-Apr-2013 7:31 AM	20-Apr-2013 12:06 AM	N
13918	13805	NA	LABQC	WQ	LABQC	MB 320-13805/1-A		1/1	08-Apr-2013 10:17 AM	08-Apr-2013 10:17 AM	10-Apr-2013 3:51 AM	LB
	13805	NA	LABQC	WQ	LABQC	LCS 320-13805/2-A		1/1	08-Apr-2013 10:17 AM	08-Apr-2013 10:17 AM	10-Apr-2013 4:08 AM	BS
	13805	NA	73-NLCT-DW-SW3	WS	073SW-0061-0001-SW	240-22648-18		1/1	28-Mar-2013 1:00 PM	08-Apr-2013 10:17 AM	10-Apr-2013 4:26 AM	N
14706	14065	NA	LABQC	SQ	LABQC	MB 320-14065/1-A		1/1	11-Apr-2013 8:24 AM	11-Apr-2013 8:24 AM	19-Apr-2013 6:45 PM	LB
	14065	NA	LABQC	SQ	LABQC	LCS 320-14065/2-A		1/1	11-Apr-2013 8:24 AM	11-Apr-2013 8:24 AM	19-Apr-2013 7:29 PM	BS
	14065	NA	73-NLCT-DW-SD3	SE	073SD-0050-0001-SD	240-22648-13		3/1	28-Mar-2013 1:05 PM	11-Apr-2013 8:24 AM	19-Apr-2013 8:12 PM	N
	14065	NA	79-2ASA-DU1-SB4	SO	079SB-0063M-0001-SO	240-22648-29		2/1	28-Mar-2013 2:37 PM	11-Apr-2013 8:24 AM	19-Apr-2013 8:56 PM	N
	14065	NA	79-2ASA-DU1-SB5	SO	079SB-0064M-0001-SO	240-22648-30		2/1	28-Mar-2013 2:00 PM	11-Apr-2013 8:24 AM	19-Apr-2013 9:40 PM	N
	14065	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0001-SO	240-22648-36		2/1	28-Mar-2013 4:15 PM	11-Apr-2013 8:24 AM	19-Apr-2013 10:23 PM	N
	14065	NA	79-2ASA-DU2-SB3	SO	079SB-0071M-0001-SO	240-22648-38		2/1	28-Mar-2013 4:34 PM	11-Apr-2013 8:24 AM	19-Apr-2013 11:07 PM	N
	14065	NA	79-2ASA-DU2-SB5	SO	079SB-0074M-0001-SO	240-22648-40		2/1	28-Mar-2013 5:20 PM	11-Apr-2013 8:24 AM	19-Apr-2013 11:51 PM	N
	14065	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		2/1	29-Mar-2013 9:37 AM	11-Apr-2013 8:24 AM	20-Apr-2013 12:34 AM	N
	14065	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		2/1	29-Mar-2013 9:12 AM	11-Apr-2013 8:24 AM	20-Apr-2013 1:18 AM	N
14998	14065	NA	LABQC	SQ	LABQC	MB 320-14065/1-A		2/1	11-Apr-2013 8:24 AM	11-Apr-2013 8:24 AM	25-Apr-2013 8:07 AM	LB
	14065	NA	73-NLCT-DW-SD3	SE	073SD-0050-0001-SD	240-22648-13		4/1	28-Mar-2013 1:05 PM	11-Apr-2013 8:24 AM	25-Apr-2013 9:13 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Batch Report**

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
14998	14065	NA	79-2ASA-DU1-SB5	SO	079SB-0064M-0001-SO	240-22648-30		3/1	28-Mar-2013 2:00 PM	11-Apr-2013 8:24 AM	25-Apr-2013 11:25 AM	N
	14065	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		3/1	29-Mar-2013 9:12 AM	11-Apr-2013 8:24 AM	25-Apr-2013 12:32 PM	N
14432	14079	NA	LABQC	SQ	LABQC	MB 320-14079/1-A		1/1	11-Apr-2013 10:07 AM	11-Apr-2013 10:07 AM	16-Apr-2013 5:06 PM	LB
	14079	NA	LABQC	SQ	LABQC	LCS 320-14079/2-A		1/1	11-Apr-2013 10:07 AM	11-Apr-2013 10:07 AM	16-Apr-2013 5:24 PM	BS
	14079	NA	79-2ASA-DU1-SB4	SO	079SB-0063M-0001-SO	240-22648-29		1/1	28-Mar-2013 2:37 PM	11-Apr-2013 10:07 AM	16-Apr-2013 6:00 PM	N
	14079	NA	79-2ASA-DU1-SB5	SO	079SB-0064M-0001-SO	240-22648-30		1/1	28-Mar-2013 2:00 PM	11-Apr-2013 10:07 AM	16-Apr-2013 6:17 PM	N
	14079	NA	79-2ASA-DU2-SB1	SO	079SB-0069M-0001-SO	240-22648-36		1/1	28-Mar-2013 4:15 PM	11-Apr-2013 10:07 AM	16-Apr-2013 6:35 PM	N
	14079	NA	79-2ASA-DU2-SB3	SO	079SB-0071M-0001-SO	240-22648-38		1/1	28-Mar-2013 4:34 PM	11-Apr-2013 10:07 AM	16-Apr-2013 6:53 PM	N
	14079	NA	79-2ASA-DU2-SB5	SO	079SB-0074M-0001-SO	240-22648-40		1/1	28-Mar-2013 5:20 PM	11-Apr-2013 10:07 AM	16-Apr-2013 7:11 PM	N
	14079	NA	68-ESSW-DU2-SB1	SO	068SB-0046M-0001-SO	240-22648-43		1/1	29-Mar-2013 9:37 AM	11-Apr-2013 10:07 AM	16-Apr-2013 7:28 PM	N
	14079	NA	68-ESSE-DU1-SB5	SO	068SB-0041M-0001-SO	240-22648-53		1/1	29-Mar-2013 9:12 AM	11-Apr-2013 10:07 AM	16-Apr-2013 8:04 PM	N
14692	14079	NA	LABQC	SQ	LABQC	MB 320-14079/1-A		2/1	11-Apr-2013 10:07 AM	11-Apr-2013 10:07 AM	19-Apr-2013 11:59 AM	LB
	14079	NA	73-NLCT-DW-SD3	SE	073SD-0050-0001-SD	240-22648-13		2/1	28-Mar-2013 1:05 PM	11-Apr-2013 10:07 AM	19-Apr-2013 12:19 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Field Batch Report**

**--No Records Found--**



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW6020 / SW3050B/NONE	Blank	MB 180-68756/1-A (LB) / MB 180-68756/1-A	1 / 1.00	Barium	0.020 (MG/KG)	U/None	< 0.0095	< 0.88	L		1	0.0196
SW6020 / SW3050B/NONE	Blank	MB 180-68756/1-A (LB) / MB 180-68756/1-A	1 / 1.00	Calcium	2.1 (MG/KG)	U/None	< 1.2	< 8.8	L		1	2.06
SW6020 / SW3050B/NONE	Blank	MB 180-68756/1-A (LB) / MB 180-68756/1-A	1 / 1.00	Cobalt	0.0056 (MG/KG)	U/None	< 0.0021	< 0.044	L		1	0.00560
SW6020 / SW3050B/NONE	Blank	MB 180-68853/1-A (LB) / MB 180-68853/1-A	1 / 1.00	Antimony	0.089 (MG/KG)	U/None	< 0.04	< 0.17	L		1	0.0887
SW6020 / SW3050B/NONE	Blank	MB 180-68853/1-A (LB) / MB 180-68853/1-A	1 / 1.00	Barium	0.016 (MG/KG)	U/None	< 0.0093	< 0.87	L		1	0.0156
SW6020 / SW3050B/NONE	Blank	MB 180-68853/1-A (LB) / MB 180-68853/1-A	1 / 1.00	Calcium	1.9 (MG/KG)	U/None	< 1.2	< 8.7	L		1	1.85
SW6020 / SW3050B/NONE	Blank	MB 180-68853/1-A (LB) / MB 180-68853/1-A	1 / 1.00	Zinc	0.060 (MG/KG)	U/None	< 0.056	< 0.43	L		1	0.0601
SW6020 / SW3050B/NONE	Blank	MB 180-68865/1-A (LB) / MB 180-68865/1-A	1 / 1.00	Barium	0.013 (MG/KG)	U/None	< 0.0091	< 0.85	L		1	0.0125
SW6020 / SW3050B/NONE	Blank	MB 180-68865/1-A (LB) / MB 180-68865/1-A	1 / 1.00	Calcium	2.1 (MG/KG)	U/None	< 1.1	< 8.5	L		1	2.14
SW6020 / SW3050B/NONE	Blank	MB 180-68865/1-A (LB) / MB 180-68865/1-A	1 / 1.00	Manganese	0.047 (MG/KG)	U/None	< 0.014	< 0.43	L		1	0.0473
SW6020 / TOTAL/NONE	Blank	MB 180-68743/1-A (LB) / MB 180-68743/1-A	1 / 1.00	Lead	0.42 (UG/L)	U/None	< 0.15	< 1	L		1	0.419
SW6020 / TOTAL/NONE	Blank	MB 180-68743/1-A (LB) / MB 180-68743/1-A	1 / 1.00	Silver	0.62 (UG/L)	U/None	< 0.11	< 1	L		1	0.618
SW8081 / SW3540C/NONE	MS Recovery	079SB-0069M-0002-SO (SD) / 240-22648-36	1 / 1.00	alpha-Chlordane	57.2 (PERCENT)	J/UJ	65 - 120	20 - 120	M			
SW8081 / SW3540C/NONE	MS Recovery	079SB-0069M-0002-SO (SD) / 240-22648-36	1 / 1.00	Dieldrin	62.0 (PERCENT)	J/UJ	65 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	079SB-0069M-0002-SO (SD) / 240-22648-36	1 / 1.00	Endrin Ketone	60.8 (PERCENT)	J/UJ	65 - 135	20 - 135	M			
SW8081 / SW3540C/NONE	MS Recovery	079SB-0069M-0002-SO (SD) / 240-22648-36	1 / 1.00	gamma-Chlordane	63.5 (PERCENT)	J/UJ	65 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	079SB-0069M-0002-SO (SD) / 240-22648-36	1 / 1.00	Heptachlor Epoxide	63.2 (PERCENT)	J/UJ	65 - 130	20 - 130	M			
SW8081 / SW3540C/NONE	MS Recovery	079SB-0069M-0002-SO (SD) / 240-22648-36	1 / 1.00	p,p'-DDE	54.8 (PERCENT)	J/UJ	70 - 125	20 - 125	M			
SW8081 / SW3540C/NONE	MS Recovery	079SB-0069M-0002-SO (MS) / 240-22648-36	1 / 1.00	p,p'-DDE	63.9 (PERCENT)	J/UJ	70 - 125	20 - 125	M			

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8260B / NONE/NONE	Blank	MB 240-80741/30 (LB) / MB 240-80741/30	1 / 1.00	Acetone	8.6 (UG/KG)	U/None	< 6.3	< 20	L		2	17.2
SW8260B / NONE/NONE	Blank	MB 240-80741/30 (LB) / MB 240-80741/30	1 / 1.00	Methylene Chloride	3.6 (UG/KG)	U/None	< 0.67	< 5	L		2	7.10
SW8260B / NONE/NONE	Blank	MB 240-80954/7 (LB) / MB 240-80954/7	1 / 1.00	Carbon Disulfide	3.1 (UG/KG)	U/None	< 0.44	< 5	L		1	3.10
SW8260B / NONE/NONE	Blank	MB 240-80954/7 (LB) / MB 240-80954/7	1 / 1.00	Methylene Chloride	14.9 (UG/KG)	U/None	< 0.67	< 5	L		2	29.8
SW8260B / SW5035/NONE	Surrogate	068SB-0041M-0001-SO (N) / 240-22648-53	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	54.5 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	068SB-0041M-0001-SO (N) / 240-22648-53	1 / 1.00	Toluene-d8	67.1 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	068SB-0046M-0001-SO (N) / 240-22648-43	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	82.7 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	068SB-0046M-0001-SO (N) / 240-22648-43	1 / 1.00	Toluene-d8	84.5 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	068SB-0057M-0001-SO (N) / 240-22660-30	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	68.1 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	068SB-0057M-0001-SO (N) / 240-22660-30	1 / 1.00	Toluene-d8	75.9 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	073SD-0050-0001-SD (N) / 240-22648-13	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	121 (PERCENT)	J/None	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	079SB-0063M-0001-SO (N) / 240-22648-29	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	79.2 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	079SB-0063M-0001-SO (N) / 240-22648-29	1 / 1.00	Toluene-d8	81.4 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	079SB-0064M-0001-SO (N) / 240-22648-30	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	77.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	079SB-0064M-0001-SO (N) / 240-22648-30	1 / 1.00	Toluene-d8	79.6 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	079SB-0074M-0001-SO (N) / 240-22648-40	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	71.4 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	079SB-0074M-0001-SO (N) / 240-22648-40	1 / 1.00	Toluene-d8	75.1 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8270C / SW3510/NONE	MS Recovery	073SW-0056-0002-SW (MS) / 240-22648-15	1 / 1.00	3,3'-Dichlorobenzidine	2.5 (PERCENT)	J/UJ	20 - 110	20 - 110	M			
SW8270C / SW3510/NONE	MS Recovery	073SW-0056-0002-SW (SD) / 240-22648-15	1 / 1.00	3,3'-Dichlorobenzidine	3.1 (PERCENT)	J/UJ	20 - 110	20 - 110	M			

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3510/NONE	Surrogate	073SW-0067-0001-SW (N) / 240-22648-21	1 / 1.00	Terphenyl-d14	48.1 (PERCENT)	J/UJ	50 - 135	10 - 135	I			
SW8270C / SW3550/NONE	Blank	MB 240-81290/19-A (LB) / MB 240-81290/19-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	28.2 (UG/KG)	U/None	< 19	< 50	L		5	141
SW8270C / SW3550/NONE	Blank	MB 240-81290/19-A (LB) / MB 240-81290/19-A	1 / 1.00	Di-n-Butyl Phthalate	15.5 (UG/KG)	U/None	< 15	< 50	L		1	15.5
SW8270C / SW3550/NONE	Blank	MB 240-81308/21-A (LB) / MB 240-81308/21-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	22.4 (UG/KG)	U/None	< 19	< 70	L		5	112
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (MS) / 240-22648-10	1 / 1.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M			
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (SD) / 240-22648-10	1 / 1.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M			
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (SD) / 240-22648-10	1 / 1.00	3-Nitroaniline	19.9 (PERCENT)	J/UJ	25 - 110	25 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (MS) / 240-22648-10	1 / 1.00	3-Nitroaniline	5.4 (PERCENT)	J/UJ	25 - 110	25 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (MS) / 240-22648-10	1 / 1.00	4-Chloroaniline	0.0000 (PERCENT)	J/UJ	10 - 100	10 - 100	M			
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (MS) / 240-22648-10	1 / 1.00	4-Nitroaniline	13.3 (PERCENT)	J/UJ	35 - 115	35 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (SD) / 240-22648-10	1 / 1.00	4-Nitroaniline	31.1 (PERCENT)	J/UJ	35 - 115	35 - 115	M			
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (SD) / 240-22648-10	1 / 1.00	Benzoic acid	122 (PERCENT)	J/None	< 110	< 110	M			
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (MS) / 240-22648-10	1 / 1.00	Benzoic acid	127 (PERCENT)	J/None	< 110	< 110	M			
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (SD) / 240-22648-10	1 / 1.00	Hexachloroethane	18.5 (PERCENT)	J/UJ	35 - 110	35 - 110	M			
SW8270C / SW3550/NONE	MS Recovery	073SD-0045-0002-SD (MS) / 240-22648-10	1 / 1.00	Hexachloroethane	19.7 (PERCENT)	J/UJ	35 - 110	35 - 110	M			
SW8330B / METHOD/NONE	Blank	MB 320-14065/1-A (LB) / MB 320-14065/1-A	2 / 1.00	Tetryl	0.012 (MG/KG)	U/None	< 0.01	< 0.25	L		1	0.0121

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
E353.2/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Nitrocellulose	5.0	0.87	0.87 J		MG/KG	TR
E353.2/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Nitrocellulose	5.0	2.2	2.2 J		MG/KG	TR
E353.2/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Nitrocellulose	4.9	1.5	1.5 J		MG/KG	TR
E353.2/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Nitrocellulose	4.7	1.4	1.4 J		MG/KG	TR
E353.2/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Nitrocellulose	5.0	1.5	1.5 J		MG/KG	TR
E353.2/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Nitrocellulose	5.0	0.95	0.95 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Antimony	0.17	0.17	0.17 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Calcium	8.7	2100	2100 J		MG/KG	M
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Selenium	0.43	0.33	0.33 J		MG/KG	TR
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Silver	0.087	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Zinc	0.43	61.0	61.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Antimony	0.18	0.18	0.18 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Calcium	8.9	2300	2300 J		MG/KG	M
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Selenium	0.45	0.27	0.27 J		MG/KG	TR
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Silver	0.089	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Zinc	0.45	56.0	56.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Antimony	0.18	0.18	0.18 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Calcium	9.0	2300	2300 J		MG/KG	M
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Selenium	0.45	0.29	0.29 J		MG/KG	TR
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Silver	0.090	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Zinc	0.45	53.0	53.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Calcium	9.6	1900	1900 J		MG/KG	M
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Selenium	0.48	0.35	0.35 J		MG/KG	TR
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Silver	0.096	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Zinc	0.48	55.0	55.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Antimony	0.19	0.044	0.19 UJ	+	MG/KG	L/m

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Calcium	9.5	1600	1600 J		MG/KG	M
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Selenium	0.48	0.31	0.31 J		MG/KG	TR
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Silver	0.095	0.018	0.018 J		MG/KG	TR
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Zinc	0.48	54.0	54.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Calcium	9.7	2800	2800 J		MG/KG	M
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Selenium	0.49	0.30	0.30 J		MG/KG	TR
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Silver	0.097	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Zinc	0.49	47.0	47.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Antimony	0.19	0.045	0.19 UJ	+	MG/KG	L/m
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Calcium	9.5	1900	1900 J		MG/KG	M
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Silver	0.095	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Zinc	0.48	58.0	58.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Antimony	0.18	0.18	0.18 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Calcium	8.9	2200	2200 J		MG/KG	M
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Silver	0.089	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Zinc	0.45	37.0	37.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Antimony	0.18	0.18	0.18 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Calcium	9.2	8100	8100 J		MG/KG	M
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Silver	0.092	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Zinc	0.46	40.0	40.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Antimony	0.18	0.046	0.18 UJ	+	MG/KG	L/m
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Calcium	8.8	1200	1200 J		MG/KG	M
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Selenium	0.44	0.31	0.31 J		MG/KG	TR
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Silver	0.088	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Zinc	0.44	48.0	48.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Calcium	9.7	5500	5500 J		MG/KG	M
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Selenium	0.49	0.26	0.26 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Silver	0.097	0.020	0.020 J		MG/KG	TR
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Zinc	0.49	59.0	59.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Calcium	9.5	930	930 J		MG/KG	M
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Selenium	0.48	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Silver	0.095	0.016	0.016 J		MG/KG	TR
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Zinc	0.48	47.0	47.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Antimony	0.18	0.18	0.18 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Calcium	9.2	4800	4800 J		MG/KG	M
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Selenium	0.46	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Silver	0.092	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Zinc	0.46	52.0	52.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Calcium	9.3	2400	2400 J		MG/KG	M
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Selenium	0.47	0.29	0.29 J		MG/KG	TR
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Silver	0.093	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Zinc	0.47	56.0	56.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Antimony	0.18	0.18	0.18 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Calcium	9.2	4500	4500 J		MG/KG	M
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Silver	0.092	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Zinc	0.46	36.0	36.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Antimony	0.19	0.048	0.19 UJ	+	MG/KG	L/m
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Calcium	9.4	3300	3300 J		MG/KG	M
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Silver	0.094	0.019	0.019 J		MG/KG	TR
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Zinc	0.47	32.0	32.0 J		MG/KG	A
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Antimony	0.18	0.049	0.18 UJ	+	MG/KG	L/m
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Calcium	9.0	760	760 J		MG/KG	M
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Silver	0.090	0.014	0.014 J		MG/KG	TR
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Zinc	0.45	33.0	33.0 J		MG/KG	A

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Antimony	0.18	0.046	0.046 J		MG/KG	TR
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Selenium	0.45	0.29	0.29 J		MG/KG	TR
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Silver	0.091	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Antimony	0.19	0.054	0.054 J		MG/KG	TR
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Selenium	0.49	0.29	0.29 J		MG/KG	TR
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Silver	0.097	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Antimony	0.20	0.059	0.059 J		MG/KG	TR
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Selenium	0.50	0.16	0.16 J		MG/KG	TR
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Silver	0.099	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Antimony	0.17	0.042	0.042 J		MG/KG	TR
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Selenium	0.43	0.22	0.22 J		MG/KG	TR
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Silver	0.086	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Selenium	0.46	0.28	0.28 J		MG/KG	TR
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Silver	0.093	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Antimony	0.20	0.047	0.047 J		MG/KG	TR/m
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Manganese	0.50	360	360 J		MG/KG	D1
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Selenium	0.50	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Thallium	0.10	0.091	0.091 J		MG/KG	TR
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Zinc	0.50	43.0	43.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Manganese	0.50	400	400 J		MG/KG	D1
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Selenium	0.50	0.26	0.26 J		MG/KG	TR
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Thallium	0.099	0.084	0.084 J		MG/KG	TR
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Zinc	0.50	42.0	42.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Manganese	0.49	120	120 J		MG/KG	D1
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Selenium	0.49	0.24	0.24 J		MG/KG	TR
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Silver	0.098	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Thallium	0.098	0.059	0.059 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Zinc	0.49	29.0	29.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Manganese	0.50	250	250 J		MG/KG	D1
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Selenium	0.50	0.23	0.23 J		MG/KG	TR
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Silver	0.099	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Thallium	0.099	0.069	0.069 J		MG/KG	TR
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Zinc	0.50	35.0	35.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Manganese	0.49	300	300 J		MG/KG	D1
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Selenium	0.49	0.33	0.33 J		MG/KG	TR
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Silver	0.098	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Thallium	0.098	0.076	0.076 J		MG/KG	TR
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Zinc	0.49	33.0	33.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Manganese	0.48	170	170 J		MG/KG	D1
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Selenium	0.48	0.16	0.16 J		MG/KG	TR
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Silver	0.095	0.041	0.041 J		MG/KG	TR
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Thallium	0.095	0.072	0.072 J		MG/KG	TR
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Zinc	0.48	30.0	30.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Manganese	0.50	360	360 J		MG/KG	D1
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Selenium	0.50	0.26	0.26 J		MG/KG	TR
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Zinc	0.50	43.0	43.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Manganese	0.48	250	250 J		MG/KG	D1
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Selenium	0.48	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Silver	0.095	0.074	0.074 J		MG/KG	TR
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Thallium	0.095	0.085	0.085 J		MG/KG	TR
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Zinc	0.48	40.0	40.0 J		MG/KG	A



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Antimony	0.22	0.22	0.22 UJ		MG/KG	m
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Cadmium	0.11	0.093	0.093 J		MG/KG	TR
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Manganese	0.56	150	150 J		MG/KG	D1
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Selenium	0.56	0.24	0.24 J		MG/KG	TR
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Silver	0.11	0.016	0.016 J		MG/KG	TR
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Thallium	0.11	0.077	0.077 J		MG/KG	TR
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Zinc	0.56	30.0	30.0 J		MG/KG	A
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Antimony	0.49	0.49	0.49 UJ		MG/KG	m
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Manganese	1.2	2300	2300 J		MG/KG	D1
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Selenium	1.2	0.87	0.87 J		MG/KG	TR
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Silver	0.24	0.090	0.090 J		MG/KG	TR
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Thallium	0.24	0.22	0.22 J		MG/KG	TR
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Zinc	1.2	84.0	84.0 J		MG/KG	A
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Antimony	0.51	0.17	0.17 J		MG/KG	TR/m
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Manganese	1.3	330	330 J		MG/KG	D1
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Silver	0.26	0.067	0.067 J		MG/KG	TR
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Thallium	0.26	0.15	0.15 J		MG/KG	TR
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Zinc	1.3	78.0	78.0 J		MG/KG	A
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Antimony	0.30	0.18	0.18 J		MG/KG	TR/m
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Manganese	0.76	2300	2300 J		MG/KG	D1
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Selenium	0.76	0.71	0.71 J		MG/KG	TR
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Silver	0.15	0.043	0.043 J		MG/KG	TR
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Thallium	0.15	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Zinc	0.76	49.0	49.0 J		MG/KG	A
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Antimony	0.31	0.072	0.072 J		MG/KG	TR/m
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Manganese	0.77	2900	2900 J		MG/KG	D1
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Silver	0.15	0.039	0.039 J		MG/KG	TR
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Thallium	0.15	0.13	0.13 J		MG/KG	TR
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Zinc	0.77	54.0	54.0 J		MG/KG	A

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Antimony	0.30	0.30	0.30 UJ		MG/KG	m
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Manganese	0.76	580	580 J		MG/KG	D1
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Selenium	0.76	0.43	0.43 J		MG/KG	TR
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Silver	0.15	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Thallium	0.15	0.090	0.090 J		MG/KG	TR
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Zinc	0.76	54.0	54.0 J		MG/KG	A
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Cobalt	0.50	0.090	0.50 U	+	UG/L	B2
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Lead	1.0	0.47	1.0 U	+	UG/L	L
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Nickel	1.0	0.40	0.40 J		UG/L	TR
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Silver	1.0	2.5	2.5 J		UG/L	D1
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Zinc	5.0	1.8	1.8 J		UG/L	TR
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Antimony	2.0	0.90	0.90 J		UG/L	TR
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Chromium	2.0	1.8	1.8 J		UG/L	TR
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Cobalt	0.50	0.17	0.50 U	+	UG/L	B2
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Lead	1.0	0.49	1.0 U	+	UG/L	L
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Nickel	1.0	0.32	0.32 J		UG/L	TR
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Silver	1.0	0.86	1.0 UJ	+	UG/L	L/D1
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Zinc	5.0	3.2	3.2 J		UG/L	TR
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Arsenic	1.0	0.66	0.66 J		UG/L	TR
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Beryllium	1.0	0.057	0.057 J		UG/L	TR
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Chromium	2.0	1.4	1.4 J		UG/L	TR
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Cobalt	0.50	0.22	0.50 U	+	UG/L	B2
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Lead	1.0	0.57	1.0 U	+	UG/L	L
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Nickel	1.0	0.33	0.33 J		UG/L	TR
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Silver	1.0	0.47	1.0 UJ	+	UG/L	L/D1
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Zinc	5.0	3.1	3.1 J		UG/L	TR
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Chromium	2.0	1.7	1.7 J		UG/L	TR
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Cobalt	0.50	0.064	0.50 U	+	UG/L	B2
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Lead	1.0	0.19	1.0 U	+	UG/L	L

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Nickel	1.0	0.19	0.19 J		UG/L	TR
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Silver	1.0	0.36	1.0 UJ	+	UG/L	L/D1
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Zinc	5.0	1.9	1.9 J		UG/L	TR
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Antimony	2.0	0.46	0.46 J		UG/L	TR
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Beryllium	1.0	0.83	0.83 J		UG/L	TR
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Silver	1.0	0.27	1.0 UJ	+	UG/L	L/D1
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Manganese	0.49	330	330 J		MG/KG	D1
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Selenium	0.49	0.34	0.34 J		MG/KG	TR
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Silver	0.097	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Zinc	0.49	58.0	58.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Manganese	0.48	410	410 J		MG/KG	D1
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Selenium	0.48	0.32	0.32 J		MG/KG	TR
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Silver	0.096	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Zinc	0.48	50.0	50.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Manganese	0.49	350	350 J		MG/KG	D1
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Selenium	0.49	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Silver	0.098	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Zinc	0.49	48.0	48.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Manganese	0.48	350	350 J		MG/KG	D1
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Selenium	0.48	0.28	0.28 J		MG/KG	TR
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Silver	0.096	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Zinc	0.48	49.0	49.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Manganese	0.48	300	300 J		MG/KG	D1
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Selenium	0.48	0.32	0.32 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Silver	0.096	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Zinc	0.48	44.0	44.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Beryllium	0.096	0.56	0.56 J		MG/KG	A
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Calcium	9.6	8600	8600 J		MG/KG	M
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Selenium	0.48	0.26	0.26 J		MG/KG	TR
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Silver	0.096	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Zinc	0.48	50.0	50.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Antimony	0.19	0.11	0.11 J		MG/KG	TR/m
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Beryllium	0.095	0.64	0.64 J		MG/KG	A
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Calcium	9.5	8900	8900 J		MG/KG	M
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Selenium	0.48	0.27	0.27 J		MG/KG	TR
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Silver	0.095	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Zinc	0.48	53.0	53.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Antimony	0.20	0.060	0.060 J		MG/KG	TR/m
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Beryllium	0.10	0.56	0.56 J		MG/KG	A
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Calcium	10.0	17000	17000 J		MG/KG	M
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Selenium	0.50	0.24	0.24 J		MG/KG	TR
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Silver	0.10	0.032	0.032 J		MG/KG	TR
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Zinc	0.50	52.0	52.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Beryllium	0.10	0.58	0.58 J		MG/KG	A
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Calcium	10.0	6500	6500 J		MG/KG	M
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Selenium	0.50	0.26	0.26 J		MG/KG	TR
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Silver	0.10	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Zinc	0.50	48.0	48.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Beryllium	0.095	0.54	0.54 J		MG/KG	A
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Calcium	9.5	1000	1000 J		MG/KG	M

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Selenium	0.48	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Silver	0.095	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Zinc	0.48	52.0	52.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Beryllium	0.10	0.58	0.58 J		MG/KG	A
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Calcium	10.0	940	940 J		MG/KG	M
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Selenium	0.50	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Silver	0.10	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Zinc	0.50	56.0	56.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Beryllium	0.098	0.51	0.51 J		MG/KG	A
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Calcium	9.8	14000	14000 J		MG/KG	M
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Selenium	0.49	0.24	0.24 J		MG/KG	TR
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Silver	0.098	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Zinc	0.49	53.0	53.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Beryllium	0.099	0.51	0.51 J		MG/KG	A
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Calcium	9.9	12000	12000 J		MG/KG	M
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Selenium	0.50	0.23	0.23 J		MG/KG	TR
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Silver	0.099	0.032	0.032 J		MG/KG	TR
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Zinc	0.50	52.0	52.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Beryllium	0.096	0.51	0.51 J		MG/KG	A
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Calcium	9.6	9700	9700 J		MG/KG	M
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Selenium	0.48	0.23	0.23 J		MG/KG	TR
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Silver	0.096	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Zinc	0.48	48.0	48.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Beryllium	0.098	0.54	0.54 J		MG/KG	A

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Calcium	9.8	7600	7600 J		MG/KG	M
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Selenium	0.49	0.21	0.21 J		MG/KG	TR
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Silver	0.098	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Zinc	0.49	62.0	62.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Antimony	0.18	0.051	0.18 UJ	+	MG/KG	L/m
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Calcium	8.8	8800	8800 J		MG/KG	M
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Selenium	0.44	0.27	0.27 J		MG/KG	TR
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Silver	0.088	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Zinc	0.44	50.0	50.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Antimony	0.19	0.046	0.19 UJ	+	MG/KG	L/m
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Calcium	9.5	13000	13000 J		MG/KG	M
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Selenium	0.48	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Silver	0.095	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Zinc	0.48	57.0	57.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Antimony	0.18	0.17	0.18 UJ	+	MG/KG	L/m
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Calcium	9.2	3600	3600 J		MG/KG	M
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Selenium	0.46	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Silver	0.092	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Zinc	0.46	49.0	49.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Antimony	0.24	0.10	0.10 J		MG/KG	TR/m
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Beryllium	0.12	0.15	0.15 J		MG/KG	A
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Calcium	12.0	8300	8300 J		MG/KG	M
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Selenium	0.60	0.15	0.15 J		MG/KG	TR
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Silver	0.12	0.038	0.038 J		MG/KG	TR
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Thallium	0.12	0.090	0.090 J		MG/KG	TR
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Zinc	0.60	62.0	62.0 J		MG/KG	A
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Mercury	0.10	0.052	0.052 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Mercury	0.10	0.015	0.015 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Mercury	0.11	0.015	0.015 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Mercury	0.10	0.019	0.019 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Mercury	0.092	0.020	0.020 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Mercury	0.10	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Mercury	0.097	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Mercury	0.10	0.019	0.019 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Mercury	0.10	0.019	0.019 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Mercury	0.10	0.015	0.015 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Mercury	0.086	0.014	0.014 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Mercury	0.11	0.030	0.030 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Mercury	0.11	0.028	0.028 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Mercury	0.10	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Mercury	0.090	0.024	0.024 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Mercury	0.10	0.028	0.028 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Mercury	0.092	0.015	0.015 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Mercury	0.11	0.025	0.025 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Mercury	0.090	0.030	0.030 J		MG/KG	TR
SW7471A/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Mercury	0.28	0.072	0.072 J		MG/KG	TR
SW7471A/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Mercury	0.29	0.10	0.10 J		MG/KG	TR
SW7471A/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Mercury	0.14	0.035	0.035 J		MG/KG	TR
SW7471A/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Mercury	0.16	0.032	0.032 J		MG/KG	TR
SW7471A/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Mercury	0.16	0.041	0.041 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Mercury	0.095	0.029	0.029 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Mercury	0.10	0.023	0.023 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Mercury	0.11	0.021	0.021 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Mercury	0.11	0.015	0.015 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Mercury	0.092	0.014	0.014 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Mercury	0.092	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Mercury	0.095	0.021	0.021 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Mercury	0.095	0.016	0.016 J		MG/KG	TR
SW8081/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5	0.80	2.5 U		UG/KG	P1/Y1
SW8081/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	V2
SW8081/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Methoxychlor	5.0	5.0	5.0 UJ		UG/KG	V2
SW8081/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Toxaphene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8081/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	V2
SW8081/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Methoxychlor	5.1	5.1	5.1 UJ		UG/KG	V2
SW8081/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Toxaphene	68.0	68.0	68.0 UJ		UG/KG	V1
SW8081/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Methoxychlor	150	150	150 UJ		UG/KG	V2
SW8081/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Toxaphene	2000	2000	2000 UJ		UG/KG	V1
SW8081/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Toxaphene	2.1	2.1	2.1 UJ		UG/L	V1
SW8081/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Methoxychlor	5.0	5.0	5.0 UJ		UG/KG	V2
SW8081/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Toxaphene	66.0	66.0	66.0 UJ		UG/KG	V1
SW8081/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	V2
SW8081/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Methoxychlor	4.9	4.9	4.9 UJ		UG/KG	V2
SW8081/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Toxaphene	66.0	66.0	66.0 UJ		UG/KG	V1
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Aldrin	4.0	4.0	4.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	alpha-Chlordane	3.0	3.0	3.0 UJ	-	UG/KG	M/h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	alpha-Endosulfan	1.7	1.7	1.7 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	beta-BHC (beta-Hexachlorocyclohexane)	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	beta-Endosulfan	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	delta-BHC (delta-Hexachlorocyclohexane)	4.0	4.0	4.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Dieldrin	1.7	1.7	1.7 UJ	-	UG/KG	M/h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Endosulfan Sulfate	3.0	3.0	3.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Endrin	1.7	1.7	1.7 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Endrin Aldehyde	3.0	3.0	3.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Endrin Ketone	2.0	2.0	2.0 UJ	-	UG/KG	M/h



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	gamma-BHC (Lindane)	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	gamma-Chlordane	1.7	1.7	1.7 UJ	-	UG/KG	M/h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	V2/h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Heptachlor Epoxide	2.5	2.5	2.5 UJ	-	UG/KG	M/h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Methoxychlor	5.1	5.1	5.1 UJ		UG/KG	V2/h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	p,p'-DDD	2.0	2.0	2.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	p,p'-DDE	1.7	1.7	1.7 UJ	-	UG/KG	M/h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	p,p'-DDT	2.0	2.0	2.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Toxaphene	68.0	68.0	68.0 UJ		UG/KG	V1/h
SW8081/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	V2
SW8081/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Methoxychlor	5.0	5.0	5.0 UJ		UG/KG	V2
SW8081/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Toxaphene	66.0	66.0	66.0 UJ		UG/KG	V1
SW8081/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	V2
SW8081/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Methoxychlor	5.1	5.1	5.1 UJ		UG/KG	V2
SW8081/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Toxaphene	68.0	68.0	68.0 UJ		UG/KG	V1

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	PCB-1016 (Arochlor 1016)	97.0	97.0	97.0 UJ		UG/KG	h
SW8082/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	PCB-1221 (Arochlor 1221)	75.0	75.0	75.0 UJ		UG/KG	h
SW8082/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	PCB-1232 (Arochlor 1232)	67.0	67.0	67.0 UJ		UG/KG	h
SW8082/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	PCB-1242 (Arochlor 1242)	60.0	60.0	60.0 UJ		UG/KG	h
SW8082/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	PCB-1248 (Arochlor 1248)	82.0	82.0	82.0 UJ		UG/KG	h
SW8082/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	PCB-1254 (Arochlor 1254)	82.0	82.0	82.0 UJ		UG/KG	h
SW8082/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	PCB-1260 (Arochlor 1260)	82.0	82.0	82.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	PCB-1016 (Arochlor 1016)	66.0	66.0	66.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	PCB-1221 (Arochlor 1221)	51.0	51.0	51.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	PCB-1232 (Arochlor 1232)	46.0	46.0	46.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	PCB-1248 (Arochlor 1248)	56.0	56.0	56.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	PCB-1254 (Arochlor 1254)	56.0	56.0	56.0 UJ		UG/KG	h

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	PCB-1260 (Arochlor 1260)	56.0	56.0	56.0 UJ		UG/KG	h
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	1,1,1-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	1,1,2,2-Tetrachloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	1,1,2-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	1,1-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	1,1-Dichloroethene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	1,2-Dibromoethane (EDB)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	1,2-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	1,2-Dichloroethene	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	1,2-Dichloropropane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	2-Butanone (MEK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	2-Hexanone	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	4-Methyl-2-pentanone (MIBK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Acetone	19.0	19.0	19.0 UJ		UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Benzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Bromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Bromodichloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Bromoform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Bromomethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Carbon Disulfide	4.8	3.1	3.1 J	-	UG/KG	I/TR
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Carbon Tetrachloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Chlorobenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Chloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Chloroform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Chloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	cis-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Dibromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Ethylbenzene	4.8	4.8	4.8 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Methylene Chloride	4.8	1.8	4.8 UJ		UG/KG	L/I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Styrene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Tetrachloroethene (PCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Toluene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	trans-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Trichloroethene (TCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Vinyl Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Xylenes, Total	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,1,1-Trichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,1,2,2-Tetrachloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,1,2-Trichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,1-Dichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,1-Dichloroethene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,2-Dibromoethane (EDB)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,2-Dichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,2-Dichloropropane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	2-Butanone (MEK)	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	2-Hexanone	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	4-Methyl-2-pentanone (MIBK)	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Acetone	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Benzene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Bromochloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Bromodichloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Bromoform	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Bromomethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Carbon Disulfide	5.7	5.7	5.7 UJ		UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Carbon Tetrachloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Chlorobenzene	5.7	5.7	5.7 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Chloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Chloroform	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Chloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	cis-1,3-Dichloropropene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Dibromochloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Ethylbenzene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Methylene Chloride	5.7	1.7	5.7 UJ		UG/KG	L/I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Styrene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Tetrachloroethene (PCE)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Toluene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	trans-1,3-Dichloropropene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Trichloroethene (TCE)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Vinyl Chloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	1,1,1-Trichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	1,1,2,2-Tetrachloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	1,1,2-Trichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	1,1-Dichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	1,1-Dichloroethene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	1,2-Dibromoethane (EDB)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	1,2-Dichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	1,2-Dichloroethene	10.0	10.0	10.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	1,2-Dichloropropane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	2-Butanone (MEK)	21.0	21.0	21.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	2-Hexanone	21.0	21.0	21.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	4-Methyl-2-pentanone (MIBK)	21.0	21.0	21.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Acetone	21.0	21.0	21.0 UJ		UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Benzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Bromochloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Bromodichloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Bromoform	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Bromomethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Carbon Disulfide	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Carbon Tetrachloride	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Chlorobenzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Chloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Chloroform	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Chloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	cis-1,3-Dichloropropene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Dibromochloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Ethylbenzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Methylene Chloride	5.1	1.6	5.1 UJ		UG/KG	L/I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Styrene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Tetrachloroethene (PCE)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Toluene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	trans-1,3-Dichloropropene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Trichloroethene (TCE)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Vinyl Chloride	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	068SB-0057M-0001-SO	240-22660-30	N	Xylenes, Total	10.0	10.0	10.0 UJ	-	UG/KG	I
SW8260B/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	2-Butanone (MEK)	29.0	2.7	2.7 J	+	UG/KG	I/TR
SW8260B/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Carbon Disulfide	7.1	4.5	4.5 J	+	UG/KG	I/TR
SW8260B/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Methylene Chloride	7.1	1.6	7.1 U	+	UG/KG	L
SW8260B/NONE	WG	073SW-0057-0001-TB	240-22648-20	N	Acetone	10.0	7.0	7.0 J		UG/L	TR/J
SW8260B/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Acetone	10.0	1.9	10.0 UJ	+	UG/L	T/J
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,1,1-Trichloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,1,2,2-Tetrachloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,1,2-Trichloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,1-Dichloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,1-Dichloroethene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,2-Dibromoethane (EDB)	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,2-Dichloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,2-Dichloroethene	9.3	9.3	9.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,2-Dichloropropane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	2-Butanone (MEK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	2-Hexanone	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	4-Methyl-2-pentanone (MIBK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Acetone	19.0	19.0	19.0 UJ		UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Benzene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Bromochloromethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Bromodichloromethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Bromoform	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Bromomethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Carbon Disulfide	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Carbon Tetrachloride	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Chlorobenzene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Chloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Chloroform	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Chloromethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	cis-1,3-Dichloropropene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Dibromochloromethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Ethylbenzene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Methylene Chloride	4.7	2.0	4.7 UJ		UG/KG	L/I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Styrene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Tetrachloroethene (PCE)	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Toluene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	trans-1,3-Dichloropropene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Trichloroethene (TCE)	4.7	4.7	4.7 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Vinyl Chloride	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Xylenes, Total	9.3	9.3	9.3 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,1,1-Trichloroethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,1,2,2-Tetrachloroethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,1,2-Trichloroethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,1-Dichloroethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,1-Dichloroethene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,2-Dibromoethane (EDB)	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,2-Dichloroethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,2-Dichloroethene	9.8	9.8	9.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,2-Dichloropropane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	2-Butanone (MEK)	20.0	20.0	20.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	2-Hexanone	20.0	20.0	20.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	4-Methyl-2-pentanone (MIBK)	20.0	20.0	20.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Acetone	20.0	20.0	20.0 UJ		UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Benzene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Bromochloromethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Bromodichloromethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Bromoform	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Bromomethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Carbon Disulfide	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Carbon Tetrachloride	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Chlorobenzene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Chloroethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Chloroform	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Chloromethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	cis-1,3-Dichloropropene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Dibromochloromethane	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Ethylbenzene	4.9	4.9	4.9 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Methylene Chloride	4.9	1.9	4.9 UJ		UG/KG	L/I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Styrene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Tetrachloroethene (PCE)	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Toluene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	trans-1,3-Dichloropropene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Trichloroethene (TCE)	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Vinyl Chloride	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Xylenes, Total	9.8	9.8	9.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Methylene Chloride	5.2	2.0	5.2 U	+	UG/KG	L
SW8260B/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Methylene Chloride	5.1	3.2	5.1 U	+	UG/KG	L
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	1,1,1-Trichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	1,1,2,2-Tetrachloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	1,1,2-Trichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	1,1-Dichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	1,1-Dichloroethene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	1,2-Dibromoethane (EDB)	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	1,2-Dichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	1,2-Dichloropropane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	2-Butanone (MEK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	2-Hexanone	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	4-Methyl-2-pentanone (MIBK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Acetone	22.0	22.0	22.0 UJ		UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Benzene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Bromochloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Bromodichloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Bromoform	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Bromomethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Carbon Disulfide	5.5	5.5	5.5 UJ	-	UG/KG	I



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Carbon Tetrachloride	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Chlorobenzene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Chloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Chloroform	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Chloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	cis-1,3-Dichloropropene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Dibromochloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Ethylbenzene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Methylene Chloride	5.5	1.9	5.5 UJ		UG/KG	L/I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Styrene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Tetrachloroethene (PCE)	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Toluene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	trans-1,3-Dichloropropene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Trichloroethene (TCE)	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Vinyl Chloride	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	bis(2-Ethylhexyl) Phthalate	140	140	140 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Fluoranthene	6.7	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Naphthalene	6.7	4.9	4.9 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Pyrene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	bis(2-Ethylhexyl) Phthalate	110	110	110 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Phenanthrene	6.6	4.6	4.6 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	bis(2-Ethylhexyl) Phthalate	73.0	73.0	73.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Phenanthrene	6.6	4.6	4.6 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	2-Methylnaphthalene	6.7	6.5	6.5 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	bis(2-Ethylhexyl) Phthalate	70.0	55.0	70.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	bis(2-Ethylhexyl) Phthalate	120	120	120 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	bis(2-Ethylhexyl) Phthalate	69.0	64.0	69.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Di-n-Butyl Phthalate	69.0	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	2-Methylnaphthalene	6.7	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	bis(2-Ethylhexyl) Phthalate	71.0	35.0	71.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Fluoranthene	6.7	3.5	3.5 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Phenanthrene	6.7	6.1	6.1 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	bis(2-Ethylhexyl) Phthalate	70.0	66.0	70.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Benzo(b)fluoranthene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	bis(2-Ethylhexyl) Phthalate	120	120	120 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Benzoic acid	670	670	670 R		UG/KG	c
SW8270C/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Benzyl alcohol	340	340	340 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Hexachloroethane	51.0	51.0	51.0 UJ		UG/KG	J

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Phenanthrene	6.8	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	2-Methylnaphthalene	6.7	6.1	6.1 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,4-Dichlorobenzene	49.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Benzoic acid	650	650	650 R		UG/KG	c
SW8270C/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Hexachloroethane	49.0	49.0	49.0 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	bis(2-Ethylhexyl) Phthalate	70.0	61.0	70.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Phenanthrene	6.6	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	2-Methylnaphthalene	6.7	6.4	6.4 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	bis(2-Ethylhexyl) Phthalate	71.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	2-Methylnaphthalene	6.7	5.7	5.7 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	bis(2-Ethylhexyl) Phthalate	110	110	110 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Pyrene	6.7	3.4	3.4 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	2-Methylnaphthalene	6.7	6.5	6.5 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	bis(2-Ethylhexyl) Phthalate	84.0	84.0	84.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	2-Methylnaphthalene	6.6	5.7	5.7 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	bis(2-Ethylhexyl) Phthalate	91.0	91.0	91.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Dibenzofuran	50.0	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	2-Methylnaphthalene	6.6	4.4	4.4 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	bis(2-Ethylhexyl) Phthalate	74.0	74.0	74.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	bis(2-Ethylhexyl) Phthalate	70.0	46.0	70.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Phenanthrene	6.6	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	bis(2-Ethylhexyl) Phthalate	90.0	90.0	90.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Benzoic acid	670	670	670 R		UG/KG	m
SW8270C/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	bis(2-Ethylhexyl) Phthalate	80.0	80.0	80.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Dibenzofuran	51.0	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	bis(2-Ethylhexyl) Phthalate	120	120	120 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	1,4-Dichlorobenzene	50.0	28.0	28.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	bis(2-Ethylhexyl) Phthalate	89.0	89.0	89.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Dibenzofuran	50.0	14.0	14.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Di-n-Butyl Phthalate	50.0	23.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Fluorene	6.6	5.9	5.9 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Isophorone	50.0	18.0	18.0 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	1,4-Dichlorobenzene	49.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Acenaphthylene	6.6	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Benzoic acid	650	650	650 R		UG/KG	c
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Benzyl alcohol	330	37.0	37.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	bis(2-Ethylhexyl) Phthalate	68.0	68.0	68.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Dibenzofuran	49.0	11.0	11.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Di-n-Butyl Phthalate	49.0	20.0	49.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Hexachloroethane	49.0	49.0	49.0 UJ		UG/KG	J
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Isophorone	49.0	23.0	23.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	1,4-Dichlorobenzene	50.0	21.0	21.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Benzoic acid	650	650	650 R		UG/KG	c
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	bis(2-Ethylhexyl) Phthalate	50.0	45.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Di-n-Butyl Phthalate	50.0	15.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Pyrene	6.6	3.9	3.9 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	1,4-Dichlorobenzene	50.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Benzyl alcohol	330	130	130 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	bis(2-Ethylhexyl) Phthalate	92.0	92.0	92.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Dibenzofuran	50.0	8.4	8.4 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Di-n-Butyl Phthalate	50.0	26.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Fluorene	6.7	4.4	4.4 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Isophorone	50.0	16.0	16.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	1,4-Dichlorobenzene	50.0	23.0	23.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Benzo(g,h,i)perylene	6.7	6.4	6.4 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Benzo(k)fluoranthene	6.7	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	bis(2-Ethylhexyl) Phthalate	69.0	69.0	69.0 U	+	UG/KG	L

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Dibenzofuran	50.0	6.5	6.5 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Indeno(1,2,3-c,d)pyrene	6.7	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Isophorone	50.0	19.0	19.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Benzo(g,h,i)perylene	6.6	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	bis(2-Ethylhexyl) Phthalate	50.0	45.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Chrysene	6.6	6.1	6.1 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Dibenzofuran	50.0	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	1,4-Dichlorobenzene	50.0	35.0	35.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Acenaphthylene	6.6	3.3	3.3 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Benzyl alcohol	330	34.0	34.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	bis(2-Ethylhexyl) Phthalate	70.0	70.0	70.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Dibenzofuran	50.0	12.0	12.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Di-n-Butyl Phthalate	70.0	15.0	70.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Fluorene	6.6	6.0	6.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Isophorone	50.0	13.0	13.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	1,4-Dichlorobenzene	50.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Acenaphthylene	6.7	4.6	4.6 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Anthracene	6.7	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	bis(2-Ethylhexyl) Phthalate	76.0	76.0	76.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Dibenzofuran	50.0	8.5	8.5 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Fluorene	6.7	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Isophorone	50.0	14.0	14.0 J		UG/KG	TR
SW8270C/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Benzoic acid	760	760	760 R		UG/KG	c
SW8270C/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Benzyl alcohol	380	80.0	80.0 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	bis(2-Ethylhexyl) Phthalate	57.0	38.0	57.0 U	+	UG/KG	L
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	2-Methylnaphthalene	17.0	16.0	16.0 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	3,3'-Dichlorobenzidine	260	260	260 R	-	UG/KG	m
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	3-Nitroaniline	510	510	510 R	-	UG/KG	m
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	4-Chloroaniline	380	380	380 R	-	UG/KG	m
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	4-Nitroaniline	510	510	510 UJ	-	UG/KG	M
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Anthracene	17.0	10.0	10.0 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Benzoic acid	1700	1700	1700 R		UG/KG	c
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Benzyl alcohol	840	260	260 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	bis(2-Ethylhexyl) Phthalate	190	190	190 U	+	UG/KG	L
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Dibenzofuran	130	45.0	45.0 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Di-n-Butyl Phthalate	130	53.0	130 U	+	UG/KG	L
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Hexachloroethane	130	130	130 UJ	-	UG/KG	M
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Naphthalene	17.0	12.0	12.0 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Benzoic acid	1800	1400	1400 J		UG/KG	TR/c
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Benzyl alcohol	880	880	880 UJ		UG/KG	J
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	bis(2-Ethylhexyl) Phthalate	190	77.0	77.0 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Dibenzofuran	130	35.0	35.0 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Hexachloroethane	130	130	130 UJ		UG/KG	J
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Benzo(a)anthracene	10.0	7.6	7.6 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Benzo(b)fluoranthene	10.0	8.2	8.2 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Benzoic acid	990	990	990 R		UG/KG	c
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Benzyl alcohol	500	59.0	59.0 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	bis(2-Ethylhexyl) Phthalate	160	160	160 U	+	UG/KG	L
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Chrysene	10.0	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Hexachloroethane	75.0	75.0	75.0 UJ		UG/KG	J
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Pyrene	10.0	8.3	8.3 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	2-Methylnaphthalene	10.0	7.4	7.4 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Benzoic acid	1000	1000	1000 R		UG/KG	c

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Benzyl alcohol	510	150	150 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	bis(2-Ethylhexyl) Phthalate	77.0	60.0	77.0 U	+	UG/KG	L
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Di-n-Butyl Phthalate	77.0	23.0	77.0 U	+	UG/KG	L
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Hexachloroethane	77.0	77.0	77.0 UJ		UG/KG	J
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Pyrene	10.0	8.2	8.2 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	2-Methylnaphthalene	10.0	7.3	7.3 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Benzo(k)fluoranthene	10.0	6.8	6.8 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Benzoic acid	990	990	990 R		UG/KG	c
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Dibenzofuran	75.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Indeno(1,2,3-c,d)pyrene	10.0	8.1	8.1 J		UG/KG	TR
SW8270C/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	3,3'-Dichlorobenzidine	5.3	5.3	5.3 R	-	UG/L	m
SW8270C/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Benzoic acid	27.0	27.0	27.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	bis(2-Ethylhexyl) Phthalate	2.1	0.94	0.94 J		UG/L	TR
SW8270C/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Hexachlorocyclopentadiene	11.0	11.0	11.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Benzoic acid	26.0	26.0	26.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	bis(2-Ethylhexyl) Phthalate	2.1	1.4	1.4 J		UG/L	TR
SW8270C/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Hexachlorocyclopentadiene	10.0	10.0	10.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Benzoic acid	27.0	27.0	27.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Hexachlorocyclopentadiene	11.0	11.0	11.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Benzoic acid	26.0	26.0	26.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Hexachlorocyclopentadiene	10.0	10.0	10.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	2-Methylphenol (o-Cresol)	1.0	0.84	0.84 J		UG/L	TR
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Benzoic acid	26.0	26.0	26.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Cresols, m & p	2.1	1.9	1.9 J		UG/L	TR
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Fluoranthene	0.21	0.15	0.15 J		UG/L	TR
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Hexachlorocyclopentadiene	10.0	10.0	10.0 R		UG/L	c
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Pyrene	0.21	0.12	0.12 J		UG/L	TR
SW8270C/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,4-Dichlorobenzene	51.0	25.0	25.0 J		UG/KG	TR



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Benzoic acid	670	670	670 R		UG/KG	c
SW8270C/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Hexachloroethane	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,4-Dichlorobenzene	50.0	23.0	23.0 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Isophorone	50.0	14.0	14.0 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Benzo(a)anthracene	6.7	5.9	5.9 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Benzo(a)pyrene	6.7	4.4	4.4 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Benzo(k)fluoranthene	6.7	3.4	3.4 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Phenanthrene	6.7	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Anthracene	6.7	4.9	4.9 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Benzyl alcohol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	bis(2-Ethylhexyl) Phthalate	70.0	67.0	67.0 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
E353.2/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Nitrocellulose	5.0	0.87	0.87 J	MG/KG	TR
E353.2/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Nitrocellulose	5.0	2.2	2.2 J	MG/KG	TR
E353.2/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Nitrocellulose	4.9	1.5	1.5 J	MG/KG	TR
E353.2/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Nitrocellulose	4.7	1.4	1.4 J	MG/KG	TR
E353.2/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Nitrocellulose	5.0	1.5	1.5 J	MG/KG	TR
E353.2/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Nitrocellulose	5.0	0.95	0.95 J	MG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Silver	0.087	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Aluminum	2.6	12000	12000	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Arsenic	0.087	9.4	9.4	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Barium	0.87	60.0	60.0	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Beryllium	0.087	0.52	0.52	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Calcium	8.7	2100	2100 J	MG/KG	M
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Cadmium	0.087	0.17	0.17	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Cobalt	0.043	9.9	9.9	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Chromium	0.17	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Copper	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Iron	4.3	24000	24000	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Potassium	8.7	960	960	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Magnesium	8.7	2700	2700	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Manganese	0.43	480	480	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Sodium	8.7	37.0	37.0	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Nickel	0.087	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Lead	0.087	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Selenium	0.43	0.33	0.33 J	MG/KG	TR
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Thallium	0.087	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Vanadium	0.087	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Zinc	0.43	61.0	61.0 J	MG/KG	A

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Silver	0.089	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Aluminum	2.7	10000	10000	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Arsenic	0.089	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Barium	0.89	64.0	64.0	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Beryllium	0.089	0.54	0.54	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Calcium	8.9	2300	2300 J	MG/KG	M
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Cadmium	0.089	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Cobalt	0.045	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Chromium	0.18	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Copper	0.18	21.0	21.0	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Iron	4.5	26000	26000	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Potassium	8.9	1100	1100	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Magnesium	8.9	3600	3600	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Manganese	0.45	350	350	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Sodium	8.9	45.0	45.0	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Nickel	0.089	28.0	28.0	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Lead	0.089	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Selenium	0.45	0.27	0.27 J	MG/KG	TR
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Thallium	0.089	0.14	0.14	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Vanadium	0.089	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Zinc	0.45	56.0	56.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Silver	0.090	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Aluminum	2.7	12000	12000	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Arsenic	0.090	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Barium	0.90	64.0	64.0	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Beryllium	0.090	0.56	0.56	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Calcium	9.0	2300	2300 J	MG/KG	M
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Cadmium	0.090	0.14	0.14	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Cobalt	0.045	10.0	10.0	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Chromium	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Copper	0.18	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Iron	4.5	26000	26000	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Potassium	9.0	1200	1200	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Magnesium	9.0	3300	3300	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Manganese	0.45	360	360	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Sodium	9.0	41.0	41.0	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Nickel	0.090	24.0	24.0	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Lead	0.090	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Selenium	0.45	0.29	0.29 J	MG/KG	TR
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Thallium	0.090	0.16	0.16	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Vanadium	0.090	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Zinc	0.45	53.0	53.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Silver	0.096	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Arsenic	0.096	9.4	9.4	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Barium	0.96	63.0	63.0	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Beryllium	0.096	0.55	0.55	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Calcium	9.6	1900	1900 J	MG/KG	M
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Cadmium	0.096	0.16	0.16	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Cobalt	0.048	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Chromium	0.19	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Iron	4.8	24000	24000	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Potassium	9.6	1100	1100	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Magnesium	9.6	2900	2900	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Manganese	0.48	620	620	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Sodium	9.6	38.0	38.0	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Nickel	0.096	22.0	22.0	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Lead	0.096	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Selenium	0.48	0.35	0.35 J	MG/KG	TR
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Thallium	0.096	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Vanadium	0.096	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Zinc	0.48	55.0	55.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Silver	0.095	0.018	0.018 J	MG/KG	TR
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Aluminum	2.9	10000	10000	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Arsenic	0.095	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Barium	0.95	43.0	43.0	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Beryllium	0.095	0.46	0.46	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Calcium	9.5	1600	1600 J	MG/KG	M
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Cadmium	0.095	0.10	0.10	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Cobalt	0.048	8.9	8.9	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Chromium	0.19	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Copper	0.19	20.0	20.0	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Iron	4.8	26000	26000	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Potassium	9.5	780	780	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Magnesium	9.5	2400	2400	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Manganese	0.48	300	300	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Sodium	9.5	31.0	31.0	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Nickel	0.095	17.0	17.0	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Lead	0.095	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Selenium	0.48	0.31	0.31 J	MG/KG	TR
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Thallium	0.095	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Vanadium	0.095	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Zinc	0.48	54.0	54.0 J	MG/KG	A

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Silver	0.097	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Arsenic	0.097	10.0	10.0	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Barium	0.97	65.0	65.0	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Beryllium	0.097	0.50	0.50	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Calcium	9.7	2800	2800 J	MG/KG	M
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Cadmium	0.097	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Cobalt	0.049	9.5	9.5	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Chromium	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Copper	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Iron	4.9	25000	25000	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Potassium	9.7	1300	1300	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Magnesium	9.7	3700	3700	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Manganese	0.49	250	250	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Sodium	9.7	47.0	47.0	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Nickel	0.097	25.0	25.0	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Lead	0.097	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Selenium	0.49	0.30	0.30 J	MG/KG	TR
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Thallium	0.097	0.16	0.16	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Vanadium	0.097	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Zinc	0.49	47.0	47.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Silver	0.095	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Arsenic	0.095	6.5	6.5	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Barium	0.95	60.0	60.0	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Beryllium	0.095	0.50	0.50	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Calcium	9.5	1900	1900 J	MG/KG	M
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Cadmium	0.095	0.15	0.15	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Cobalt	0.048	8.7	8.7	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Chromium	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Copper	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Iron	4.8	21000	21000	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Potassium	9.5	1200	1200	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Magnesium	9.5	3100	3100	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Manganese	0.48	310	310	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Sodium	9.5	47.0	47.0	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Nickel	0.095	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Lead	0.095	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Thallium	0.095	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Vanadium	0.095	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Zinc	0.48	58.0	58.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Silver	0.089	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Aluminum	2.7	12000	12000	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Arsenic	0.089	7.4	7.4	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Barium	0.89	65.0	65.0	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Beryllium	0.089	0.61	0.61	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Calcium	8.9	2200	2200 J	MG/KG	M
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Cadmium	0.089	0.14	0.14	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Cobalt	0.045	9.6	9.6	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Chromium	0.18	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Copper	0.18	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Iron	4.5	22000	22000	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Potassium	8.9	1300	1300	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Magnesium	8.9	3800	3800	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Manganese	0.45	280	280	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Sodium	8.9	52.0	52.0	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Nickel	0.089	22.0	22.0	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Lead	0.089	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Thallium	0.089	0.16	0.16	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Vanadium	0.089	17.0	17.0	MG/KG	
SW6020/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Zinc	0.45	37.0	37.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Silver	0.092	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Aluminum	2.8	12000	12000	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Arsenic	0.092	7.9	7.9	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Barium	0.92	55.0	55.0	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Beryllium	0.092	0.66	0.66	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Calcium	9.2	8100	8100 J	MG/KG	M
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Cadmium	0.092	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Cobalt	0.046	9.6	9.6	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Chromium	0.18	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Copper	0.18	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Iron	4.6	23000	23000	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Potassium	9.2	1600	1600	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Magnesium	9.2	5200	5200	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Manganese	0.46	370	370	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Sodium	9.2	75.0	75.0	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Nickel	0.092	21.0	21.0	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Lead	0.092	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Thallium	0.092	0.14	0.14	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Vanadium	0.092	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Zinc	0.46	40.0	40.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Silver	0.088	0.022	0.022 J	MG/KG	TR
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Aluminum	2.6	12000	12000	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Arsenic	0.088	9.9	9.9	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Barium	0.88	61.0	61.0	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Beryllium	0.088	0.54	0.54	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Calcium	8.8	1200	1200 J	MG/KG	M
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Cadmium	0.088	0.12	0.12	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Cobalt	0.044	9.4	9.4	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Chromium	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Copper	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Iron	4.4	25000	25000	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Potassium	8.8	1000	1000	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Magnesium	8.8	3000	3000	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Manganese	0.44	280	280	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Sodium	8.8	36.0	36.0	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Nickel	0.088	22.0	22.0	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Lead	0.088	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Selenium	0.44	0.31	0.31 J	MG/KG	TR
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Thallium	0.088	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Vanadium	0.088	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Zinc	0.44	48.0	48.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Silver	0.097	0.020	0.020 J	MG/KG	TR
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Arsenic	0.097	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Barium	0.97	56.0	56.0	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Beryllium	0.097	0.54	0.54	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Calcium	9.7	5500	5500 J	MG/KG	M
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Cadmium	0.097	0.14	0.14	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Cobalt	0.049	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Chromium	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Copper	0.19	20.0	20.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Iron	4.9	27000	27000	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Potassium	9.7	1400	1400	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Magnesium	9.7	4500	4500	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Manganese	0.49	380	380	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Sodium	9.7	57.0	57.0	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Nickel	0.097	28.0	28.0	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Lead	0.097	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Selenium	0.49	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Thallium	0.097	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Vanadium	0.097	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Zinc	0.49	59.0	59.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Silver	0.095	0.016	0.016 J	MG/KG	TR
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Arsenic	0.095	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Barium	0.95	57.0	57.0	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Beryllium	0.095	0.56	0.56	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Calcium	9.5	930	930 J	MG/KG	M
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Cadmium	0.095	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Cobalt	0.048	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Chromium	0.19	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Copper	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Iron	4.8	27000	27000	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Potassium	9.5	1200	1200	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Magnesium	9.5	3100	3100	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Manganese	0.48	300	300	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Sodium	9.5	40.0	40.0	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Nickel	0.095	23.0	23.0	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Lead	0.095	13.0	13.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Selenium	0.48	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Thallium	0.095	0.16	0.16	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Vanadium	0.095	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Zinc	0.48	47.0	47.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Silver	0.092	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Aluminum	2.8	12000	12000	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Arsenic	0.092	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Barium	0.92	61.0	61.0	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Beryllium	0.092	0.58	0.58	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Calcium	9.2	4800	4800 J	MG/KG	M
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Cadmium	0.092	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Cobalt	0.046	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Chromium	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Copper	0.18	20.0	20.0	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Iron	4.6	26000	26000	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Potassium	9.2	1400	1400	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Magnesium	9.2	4300	4300	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Manganese	0.46	300	300	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Sodium	9.2	56.0	56.0	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Nickel	0.092	26.0	26.0	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Lead	0.092	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Selenium	0.46	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Thallium	0.092	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Vanadium	0.092	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Zinc	0.46	52.0	52.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Silver	0.093	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Aluminum	2.8	12000	12000	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Arsenic	0.093	12.0	12.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Barium	0.93	63.0	63.0	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Beryllium	0.093	0.59	0.59	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Calcium	9.3	2400	2400 J	MG/KG	M
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Cadmium	0.093	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Cobalt	0.047	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Chromium	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Copper	0.19	21.0	21.0	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Iron	4.7	27000	27000	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Potassium	9.3	1300	1300	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Magnesium	9.3	3800	3800	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Manganese	0.47	340	340	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Sodium	9.3	46.0	46.0	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Nickel	0.093	27.0	27.0	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Lead	0.093	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Selenium	0.47	0.29	0.29 J	MG/KG	TR
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Thallium	0.093	0.16	0.16	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Vanadium	0.093	17.0	17.0	MG/KG	
SW6020/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Zinc	0.47	56.0	56.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Silver	0.092	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Aluminum	2.8	9800	9800	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Arsenic	0.092	8.0	8.0	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Barium	0.92	54.0	54.0	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Beryllium	0.092	0.46	0.46	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Calcium	9.2	4500	4500 J	MG/KG	M
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Cadmium	0.092	0.11	0.11	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Cobalt	0.046	8.4	8.4	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Chromium	0.18	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Copper	0.18	14.0	14.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Iron	4.6	20000	20000	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Potassium	9.2	920	920	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Magnesium	9.2	2800	2800	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Manganese	0.46	410	410	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Sodium	9.2	40.0	40.0	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Nickel	0.092	17.0	17.0	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Lead	0.092	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Thallium	0.092	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Vanadium	0.092	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Zinc	0.46	36.0	36.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Silver	0.094	0.019	0.019 J	MG/KG	TR
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Aluminum	2.8	6500	6500	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Arsenic	0.094	7.8	7.8	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Barium	0.94	31.0	31.0	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Beryllium	0.094	0.32	0.32	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Calcium	9.4	3300	3300 J	MG/KG	M
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Cadmium	0.094	0.10	0.10	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Cobalt	0.047	5.9	5.9	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Chromium	0.19	8.5	8.5	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Copper	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Iron	4.7	16000	16000	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Potassium	9.4	870	870	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Magnesium	9.4	2600	2600	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Manganese	0.47	300	300	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Sodium	9.4	43.0	43.0	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Nickel	0.094	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Lead	0.094	9.6	9.6	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Thallium	0.094	0.096	0.096	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Vanadium	0.094	9.7	9.7	MG/KG	
SW6020/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Zinc	0.47	32.0	32.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Silver	0.090	0.014	0.014 J	MG/KG	TR
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Aluminum	2.7	7500	7500	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Arsenic	0.090	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Barium	0.90	32.0	32.0	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Beryllium	0.090	0.36	0.36	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Calcium	9.0	760	760 J	MG/KG	M
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Cadmium	0.090	0.12	0.12	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Cobalt	0.045	6.9	6.9	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Chromium	0.18	9.5	9.5	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Copper	0.18	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Iron	4.5	18000	18000	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Potassium	9.0	850	850	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Magnesium	9.0	2100	2100	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Manganese	0.45	320	320	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Sodium	9.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Nickel	0.090	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Lead	0.090	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Thallium	0.090	0.11	0.11	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Vanadium	0.090	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Zinc	0.45	33.0	33.0 J	MG/KG	A
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Silver	0.091	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Aluminum	2.7	8700	8700	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Arsenic	0.091	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Barium	0.91	53.0	53.0	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Beryllium	0.091	0.50	0.50	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Calcium	9.1	3400	3400	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Cadmium	0.091	0.12	0.12	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Cobalt	0.045	8.6	8.6	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Chromium	0.18	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Iron	4.5	21000	21000	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Potassium	9.1	770	770	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Magnesium	9.1	2400	2400	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Manganese	0.45	370	370	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Sodium	9.1	44.0	44.0	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Nickel	0.091	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Lead	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Antimony	0.18	0.046	0.046 J	MG/KG	TR
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Selenium	0.45	0.29	0.29 J	MG/KG	TR
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Thallium	0.091	0.12	0.12	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Vanadium	0.091	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Zinc	0.45	40.0	40.0	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Silver	0.097	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Aluminum	2.9	8400	8400	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Arsenic	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Barium	0.97	58.0	58.0	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Beryllium	0.097	0.47	0.47	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Calcium	9.7	910	910	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Cadmium	0.097	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Cobalt	0.049	9.1	9.1	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Chromium	0.19	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Copper	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Iron	4.9	21000	21000	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Potassium	9.7	870	870	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Magnesium	9.7	2300	2300	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Manganese	0.49	310	310	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Sodium	9.7	37.0	37.0	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Nickel	0.097	20.0	20.0	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Lead	0.097	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Antimony	0.19	0.054	0.054 J	MG/KG	TR
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Selenium	0.49	0.29	0.29 J	MG/KG	TR
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Thallium	0.097	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Vanadium	0.097	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Zinc	0.49	42.0	42.0	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Silver	0.099	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Aluminum	3.0	7100	7100	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Arsenic	0.099	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Barium	0.99	39.0	39.0	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Beryllium	0.099	0.39	0.39	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Calcium	9.9	3100	3100	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Cadmium	0.099	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Cobalt	0.050	9.1	9.1	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Chromium	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Iron	5.0	22000	22000	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Potassium	9.9	1000	1000	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Magnesium	9.9	3100	3100	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Manganese	0.50	310	310	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Sodium	9.9	44.0	44.0	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Nickel	0.099	23.0	23.0	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Lead	0.099	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Antimony	0.20	0.059	0.059 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Selenium	0.50	0.16	0.16 J	MG/KG	TR
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Thallium	0.099	0.11	0.11	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Vanadium	0.099	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Zinc	0.50	47.0	47.0	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Silver	0.086	0.035	0.035 J	MG/KG	TR
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Aluminum	2.6	7300	7300	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Arsenic	0.086	9.5	9.5	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Barium	0.86	50.0	50.0	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Beryllium	0.086	0.38	0.38	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Calcium	8.6	5700	5700	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Cadmium	0.086	0.12	0.12	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Cobalt	0.043	7.5	7.5	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Chromium	0.17	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Copper	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Iron	4.3	19000	19000	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Potassium	8.6	780	780	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Magnesium	8.6	3200	3200	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Manganese	0.43	220	220	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Sodium	8.6	43.0	43.0	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Nickel	0.086	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Lead	0.086	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Antimony	0.17	0.042	0.042 J	MG/KG	TR
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Selenium	0.43	0.22	0.22 J	MG/KG	TR
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Thallium	0.086	0.11	0.11	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Vanadium	0.086	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Zinc	0.43	40.0	40.0	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Silver	0.093	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Aluminum	2.8	8500	8500	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Arsenic	0.093	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Barium	0.93	50.0	50.0	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Beryllium	0.093	0.46	0.46	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Calcium	9.3	1500	1500	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Cadmium	0.093	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Cobalt	0.046	9.2	9.2	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Chromium	0.19	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Copper	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Iron	4.6	23000	23000	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Potassium	9.3	930	930	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Magnesium	9.3	2400	2400	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Manganese	0.46	540	540	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Sodium	9.3	35.0	35.0	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Nickel	0.093	20.0	20.0	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Lead	0.093	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Selenium	0.46	0.28	0.28 J	MG/KG	TR
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Thallium	0.093	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Vanadium	0.093	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Zinc	0.46	49.0	49.0	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Silver	0.10	0.24	0.24	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Aluminum	3.0	5500	5500	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Arsenic	0.10	7.3	7.3	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Barium	1.0	50.0	50.0	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Beryllium	0.10	0.38	0.38	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Calcium	10.0	5500	5500	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Cadmium	0.10	0.20	0.20	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Cobalt	0.050	6.6	6.6	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Chromium	0.20	9.6	9.6	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Copper	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Iron	5.0	14000	14000	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Potassium	10.0	560	560	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Magnesium	10.0	1800	1800	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Manganese	0.50	360	360 J	MG/KG	D1
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Sodium	10.0	32.0	32.0	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Nickel	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Antimony	0.20	0.047	0.047 J	MG/KG	TR/m
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Selenium	0.50	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Thallium	0.10	0.091	0.091 J	MG/KG	TR
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Vanadium	0.10	9.8	9.8	MG/KG	
SW6020/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Zinc	0.50	43.0	43.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Silver	0.099	0.23	0.23	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Aluminum	3.0	5300	5300	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Arsenic	0.099	6.6	6.6	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Barium	0.99	48.0	48.0	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Beryllium	0.099	0.36	0.36	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Calcium	9.9	2000	2000	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Cadmium	0.099	0.19	0.19	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Cobalt	0.050	6.3	6.3	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Chromium	0.20	8.8	8.8	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Copper	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Iron	5.0	14000	14000	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Potassium	9.9	540	540	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Magnesium	9.9	1600	1600	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Manganese	0.50	400	400 J	MG/KG	D1
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Sodium	9.9	33.0	33.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Nickel	0.099	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Lead	0.099	10.0	10.0	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Selenium	0.50	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Thallium	0.099	0.084	0.084 J	MG/KG	TR
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Vanadium	0.099	9.3	9.3	MG/KG	
SW6020/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Zinc	0.50	42.0	42.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Silver	0.098	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Aluminum	2.9	4100	4100	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Arsenic	0.098	5.0	5.0	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Barium	0.98	36.0	36.0	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Beryllium	0.098	0.27	0.27	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Calcium	9.8	1100	1100	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Cadmium	0.098	0.12	0.12	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Cobalt	0.049	4.8	4.8	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Chromium	0.20	6.7	6.7	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Copper	0.20	7.3	7.3	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Iron	4.9	9500	9500	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Potassium	9.8	480	480	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Magnesium	9.8	1300	1300	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Manganese	0.49	120	120 J	MG/KG	D1
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Sodium	9.8	31.0	31.0	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Nickel	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Lead	0.098	6.4	6.4	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Selenium	0.49	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Thallium	0.098	0.059	0.059 J	MG/KG	TR
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Vanadium	0.098	7.4	7.4	MG/KG	
SW6020/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Zinc	0.49	29.0	29.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Silver	0.099	0.033	0.033 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Aluminum	3.0	4800	4800	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Arsenic	0.099	6.1	6.1	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Barium	0.99	36.0	36.0	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Beryllium	0.099	0.31	0.31	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Calcium	9.9	1200	1200	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Cadmium	0.099	0.14	0.14	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Cobalt	0.050	5.6	5.6	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Chromium	0.20	7.5	7.5	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Copper	0.20	8.7	8.7	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Iron	5.0	12000	12000	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Potassium	9.9	420	420	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Magnesium	9.9	1300	1300	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Manganese	0.50	250	250 J	MG/KG	D1
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Sodium	9.9	28.0	28.0	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Nickel	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Lead	0.099	8.5	8.5	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Selenium	0.50	0.23	0.23 J	MG/KG	TR
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Thallium	0.099	0.069	0.069 J	MG/KG	TR
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Vanadium	0.099	8.4	8.4	MG/KG	
SW6020/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Zinc	0.50	35.0	35.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Silver	0.098	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Aluminum	2.9	5100	5100	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Arsenic	0.098	6.4	6.4	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Barium	0.98	49.0	49.0	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Beryllium	0.098	0.34	0.34	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Calcium	9.8	2400	2400	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Cadmium	0.098	0.14	0.14	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Cobalt	0.049	5.2	5.2	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Chromium	0.20	7.3	7.3	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Copper	0.20	8.1	8.1	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Iron	4.9	12000	12000	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Potassium	9.8	420	420	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Magnesium	9.8	1300	1300	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Manganese	0.49	300	300 J	MG/KG	D1
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Sodium	9.8	33.0	33.0	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Nickel	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Lead	0.098	8.1	8.1	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Selenium	0.49	0.33	0.33 J	MG/KG	TR
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Thallium	0.098	0.076	0.076 J	MG/KG	TR
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Vanadium	0.098	8.7	8.7	MG/KG	
SW6020/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Zinc	0.49	33.0	33.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Silver	0.095	0.041	0.041 J	MG/KG	TR
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Aluminum	2.9	3900	3900	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Arsenic	0.095	4.4	4.4	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Barium	0.95	31.0	31.0	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Beryllium	0.095	0.25	0.25	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Calcium	9.5	1500	1500	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Cadmium	0.095	0.12	0.12	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Cobalt	0.048	4.8	4.8	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Chromium	0.19	7.2	7.2	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Copper	0.19	8.0	8.0	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Iron	4.8	10000	10000	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Potassium	9.5	550	550	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Magnesium	9.5	1200	1200	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Manganese	0.48	170	170 J	MG/KG	D1
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Sodium	9.5	27.0	27.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Nickel	0.095	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Lead	0.095	7.5	7.5	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Selenium	0.48	0.16	0.16 J	MG/KG	TR
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Thallium	0.095	0.072	0.072 J	MG/KG	TR
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Vanadium	0.095	7.4	7.4	MG/KG	
SW6020/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Zinc	0.48	30.0	30.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Silver	0.099	0.38	0.38	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Aluminum	3.0	6200	6200	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Arsenic	0.099	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Barium	0.99	35.0	35.0	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Beryllium	0.099	0.37	0.37	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Calcium	9.9	3100	3100	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Cadmium	0.099	0.20	0.20	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Cobalt	0.050	8.6	8.6	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Chromium	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Copper	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Iron	5.0	17000	17000	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Potassium	9.9	980	980	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Magnesium	9.9	3000	3000	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Manganese	0.50	360	360 J	MG/KG	D1
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Sodium	9.9	55.0	55.0	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Nickel	0.099	20.0	20.0	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Lead	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Selenium	0.50	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Thallium	0.099	0.099	0.099	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Vanadium	0.099	10.0	10.0	MG/KG	
SW6020/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Zinc	0.50	43.0	43.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Silver	0.095	0.074	0.074 J	MG/KG	TR



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Aluminum	2.9	5500	5500	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Arsenic	0.095	5.6	5.6	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Barium	0.95	56.0	56.0	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Beryllium	0.095	0.36	0.36	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Calcium	9.5	1600	1600	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Cadmium	0.095	0.18	0.18	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Cobalt	0.048	5.5	5.5	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Chromium	0.19	9.8	9.8	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Copper	0.19	9.7	9.7	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Iron	4.8	13000	13000	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Potassium	9.5	520	520	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Magnesium	9.5	1500	1500	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Manganese	0.48	250	250 J	MG/KG	D1
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Sodium	9.5	34.0	34.0	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Nickel	0.095	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Lead	0.095	16.0	16.0	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Selenium	0.48	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Thallium	0.095	0.085	0.085 J	MG/KG	TR
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Vanadium	0.095	9.8	9.8	MG/KG	
SW6020/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Zinc	0.48	40.0	40.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Silver	0.11	0.016	0.016 J	MG/KG	TR
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Aluminum	3.4	5400	5400	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Arsenic	0.11	9.3	9.3	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Barium	1.1	25.0	25.0	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Beryllium	0.11	0.29	0.29	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Calcium	11.0	3100	3100	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Cadmium	0.11	0.093	0.093 J	MG/KG	TR
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Cobalt	0.056	6.8	6.8	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Chromium	0.22	8.2	8.2	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Copper	0.22	10.0	10.0	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Iron	5.6	15000	15000	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Potassium	11.0	1100	1100	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Magnesium	11.0	2900	2900	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Manganese	0.56	150	150 J	MG/KG	D1
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Sodium	11.0	69.0	69.0	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Nickel	0.11	16.0	16.0	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Lead	0.11	6.3	6.3	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Selenium	0.56	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Thallium	0.11	0.077	0.077 J	MG/KG	TR
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Vanadium	0.11	8.5	8.5	MG/KG	
SW6020/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Zinc	0.56	30.0	30.0 J	MG/KG	A
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Silver	0.24	0.090	0.090 J	MG/KG	TR
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Aluminum	7.3	12000	12000	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Arsenic	0.24	11.0	11.0	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Barium	2.4	140	140	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Beryllium	0.24	0.64	0.64	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Calcium	24.0	4000	4000	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Cadmium	0.24	0.71	0.71	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Cobalt	0.12	9.9	9.9	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Chromium	0.49	15.0	15.0	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Copper	0.49	19.0	19.0	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Iron	12.0	27000	27000	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Potassium	24.0	730	730	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Magnesium	24.0	2400	2400	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Manganese	1.2	2300	2300 J	MG/KG	D1
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Sodium	24.0	110	110	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Nickel	0.24	20.0	20.0	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Lead	0.24	21.0	21.0	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Selenium	1.2	0.87	0.87 J	MG/KG	TR
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Thallium	0.24	0.22	0.22 J	MG/KG	TR
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Vanadium	0.24	21.0	21.0	MG/KG	
SW6020/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Zinc	1.2	84.0	84.0 J	MG/KG	A
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Silver	0.26	0.067	0.067 J	MG/KG	TR
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Aluminum	7.7	7900	7900	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Arsenic	0.26	7.3	7.3	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Barium	2.6	140	140	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Beryllium	0.26	0.66	0.66	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Calcium	26.0	5200	5200	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Cadmium	0.26	0.83	0.83	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Cobalt	0.13	8.2	8.2	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Chromium	0.51	12.0	12.0	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Copper	0.51	20.0	20.0	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Iron	13.0	17000	17000	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Potassium	26.0	860	860	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Magnesium	26.0	2000	2000	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Manganese	1.3	330	330 J	MG/KG	D1
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Sodium	26.0	57.0	57.0	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Nickel	0.26	20.0	20.0	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Lead	0.26	22.0	22.0	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Antimony	0.51	0.17	0.17 J	MG/KG	TR/m
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Selenium	1.3	1.7	1.7	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Thallium	0.26	0.15	0.15 J	MG/KG	TR
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Vanadium	0.26	17.0	17.0	MG/KG	
SW6020/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Zinc	1.3	78.0	78.0 J	MG/KG	A

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Silver	0.15	0.043	0.043 J	MG/KG	TR
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Aluminum	4.5	9600	9600	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Arsenic	0.15	7.6	7.6	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Barium	1.5	180	180	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Beryllium	0.15	0.93	0.93	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Calcium	15.0	12000	12000	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Cadmium	0.15	0.89	0.89	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Cobalt	0.076	11.0	11.0	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Chromium	0.30	9.4	9.4	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Copper	0.30	9.2	9.2	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Iron	7.6	17000	17000	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Potassium	15.0	490	490	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Magnesium	15.0	2800	2800	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Manganese	0.76	2300	2300 J	MG/KG	D1
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Sodium	15.0	80.0	80.0	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Nickel	0.15	21.0	21.0	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Lead	0.15	13.0	13.0	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Antimony	0.30	0.18	0.18 J	MG/KG	TR/m
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Selenium	0.76	0.71	0.71 J	MG/KG	TR
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Thallium	0.15	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Vanadium	0.15	17.0	17.0	MG/KG	
SW6020/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Zinc	0.76	49.0	49.0 J	MG/KG	A
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Silver	0.15	0.039	0.039 J	MG/KG	TR
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Aluminum	4.6	8800	8800	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Arsenic	0.15	10.0	10.0	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Barium	1.5	180	180	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Beryllium	0.15	0.94	0.94	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Calcium	15.0	9800	9800	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Cadmium	0.15	0.79	0.79	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Cobalt	0.077	13.0	13.0	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Chromium	0.31	8.2	8.2	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Copper	0.31	9.7	9.7	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Iron	7.7	16000	16000	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Potassium	15.0	500	500	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Magnesium	15.0	2400	2400	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Manganese	0.77	2900	2900 J	MG/KG	D1
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Sodium	15.0	93.0	93.0	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Nickel	0.15	21.0	21.0	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Lead	0.15	13.0	13.0	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Antimony	0.31	0.072	0.072 J	MG/KG	TR/m
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Selenium	0.77	0.78	0.78	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Thallium	0.15	0.13	0.13 J	MG/KG	TR
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Vanadium	0.15	17.0	17.0	MG/KG	
SW6020/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Zinc	0.77	54.0	54.0 J	MG/KG	A
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Silver	0.15	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Aluminum	4.6	5700	5700	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Arsenic	0.15	4.6	4.6	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Barium	1.5	64.0	64.0	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Beryllium	0.15	0.39	0.39	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Calcium	15.0	2000	2000	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Cadmium	0.15	0.35	0.35	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Cobalt	0.076	6.4	6.4	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Chromium	0.30	7.7	7.7	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Copper	0.30	11.0	11.0	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Iron	7.6	12000	12000	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Potassium	15.0	500	500	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Magnesium	15.0	1500	1500	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Manganese	0.76	580	580 J	MG/KG	D1
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Sodium	15.0	66.0	66.0	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Nickel	0.15	13.0	13.0	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Lead	0.15	12.0	12.0	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Selenium	0.76	0.43	0.43 J	MG/KG	TR
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Thallium	0.15	0.090	0.090 J	MG/KG	TR
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Vanadium	0.15	11.0	11.0	MG/KG	
SW6020/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Zinc	0.76	54.0	54.0 J	MG/KG	A
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Silver	1.0	2.5	2.5 J	UG/L	D1
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Aluminum	30.0	150	150	UG/L	
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Barium	10.0	15.0	15.0	UG/L	
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Calcium	100	26000	26000	UG/L	
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Chromium	2.0	2.4	2.4	UG/L	
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Copper	2.0	2.6	2.6	UG/L	
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Iron	50.0	410	410	UG/L	
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Potassium	100	1500	1500	UG/L	
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Magnesium	100	6400	6400	UG/L	
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Manganese	5.0	95.0	95.0	UG/L	
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Sodium	100	20000	20000	UG/L	
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Nickel	1.0	0.40	0.40 J	UG/L	TR
SW6020/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	Zinc	5.0	1.8	1.8 J	UG/L	TR
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Aluminum	30.0	130	130	UG/L	
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Barium	10.0	18.0	18.0	UG/L	
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Calcium	100	28000	28000	UG/L	
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Chromium	2.0	1.8	1.8 J	UG/L	TR
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Copper	2.0	2.3	2.3	UG/L	
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Iron	50.0	650	650	UG/L	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Potassium	100	1300	1300	UG/L	
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Magnesium	100	6200	6200	UG/L	
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Manganese	5.0	160	160	UG/L	
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Sodium	100	18000	18000	UG/L	
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Nickel	1.0	0.32	0.32 J	UG/L	TR
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Antimony	2.0	0.90	0.90 J	UG/L	TR
SW6020/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	Zinc	5.0	3.2	3.2 J	UG/L	TR
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Aluminum	30.0	140	140	UG/L	
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Arsenic	1.0	0.66	0.66 J	UG/L	TR
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Barium	10.0	20.0	20.0	UG/L	
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Beryllium	1.0	0.057	0.057 J	UG/L	TR
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Calcium	100	28000	28000	UG/L	
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Chromium	2.0	1.4	1.4 J	UG/L	TR
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Copper	2.0	2.0	2.0	UG/L	
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Iron	50.0	840	840	UG/L	
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Potassium	100	1300	1300	UG/L	
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Magnesium	100	6200	6200	UG/L	
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Manganese	5.0	200	200	UG/L	
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Sodium	100	18000	18000	UG/L	
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Nickel	1.0	0.33	0.33 J	UG/L	TR
SW6020/NONE	WS	073SW-0059-0001-SW	240-22648-17	N	Zinc	5.0	3.1	3.1 J	UG/L	TR
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Aluminum	30.0	91.0	91.0	UG/L	
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Barium	10.0	14.0	14.0	UG/L	
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Calcium	100	27000	27000	UG/L	
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Chromium	2.0	1.7	1.7 J	UG/L	TR
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Copper	2.0	2.1	2.1	UG/L	
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Iron	50.0	330	330	UG/L	
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Potassium	100	1300	1300	UG/L	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Magnesium	100	6100	6100	UG/L	
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Manganese	5.0	96.0	96.0	UG/L	
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Sodium	100	18000	18000	UG/L	
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Nickel	1.0	0.19	0.19 J	UG/L	TR
SW6020/NONE	WS	073SW-0061-0001-SW	240-22648-18	N	Zinc	5.0	1.9	1.9 J	UG/L	TR
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Aluminum	30.0	2000	2000	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Arsenic	1.0	13.0	13.0	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Barium	10.0	560	560	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Beryllium	1.0	0.83	0.83 J	UG/L	TR
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Calcium	100	100000	100000	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Cadmium	1.0	2.1	2.1	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Cobalt	0.50	20.0	20.0	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Chromium	2.0	2.7	2.7	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Copper	2.0	20.0	20.0	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Iron	50.0	44000	44000	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Potassium	100	1300	1300	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Magnesium	100	9800	9800	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Manganese	5.0	13000	13000	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Sodium	100	1500	1500	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Nickel	1.0	12.0	12.0	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Lead	1.0	12.0	12.0	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Antimony	2.0	0.46	0.46 J	UG/L	TR
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Vanadium	1.0	11.0	11.0	UG/L	
SW6020/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Zinc	5.0	97.0	97.0	UG/L	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Silver	0.097	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Arsenic	0.097	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Barium	0.97	88.0	88.0	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Beryllium	0.097	0.66	0.66	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Calcium	9.7	1300	1300	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Cadmium	0.097	0.21	0.21	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Cobalt	0.049	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Chromium	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Copper	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Iron	4.9	26000	26000	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Potassium	9.7	1000	1000	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Magnesium	9.7	3500	3500	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Manganese	0.49	330	330 J	MG/KG	D1
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Sodium	9.7	50.0	50.0	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Nickel	0.097	29.0	29.0	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Lead	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Selenium	0.49	0.34	0.34 J	MG/KG	TR
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Thallium	0.097	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Vanadium	0.097	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Zinc	0.49	58.0	58.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Silver	0.096	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Arsenic	0.096	8.8	8.8	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Barium	0.96	81.0	81.0	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Beryllium	0.096	0.68	0.68	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Calcium	9.6	1800	1800	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Cadmium	0.096	0.20	0.20	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Cobalt	0.048	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Chromium	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Copper	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Iron	4.8	25000	25000	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Potassium	9.6	970	970	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Magnesium	9.6	3500	3500	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Manganese	0.48	410	410 J	MG/KG	D1
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Sodium	9.6	46.0	46.0	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Nickel	0.096	29.0	29.0	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Lead	0.096	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Selenium	0.48	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Thallium	0.096	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Vanadium	0.096	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Zinc	0.48	50.0	50.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Silver	0.098	0.033	0.033 J	MG/KG	TR
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Aluminum	2.9	10000	10000	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Arsenic	0.098	9.1	9.1	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Barium	0.98	72.0	72.0	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Beryllium	0.098	0.52	0.52	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Calcium	9.8	18000	18000	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Cadmium	0.098	0.17	0.17	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Cobalt	0.049	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Chromium	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Iron	4.9	23000	23000	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Potassium	9.8	1300	1300	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Magnesium	9.8	5200	5200	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Manganese	0.49	350	350 J	MG/KG	D1
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Sodium	9.8	74.0	74.0	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Nickel	0.098	28.0	28.0	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Lead	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Selenium	0.49	0.25	0.25 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Thallium	0.098	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Vanadium	0.098	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0058M-0001-SO	240-22648-24	N	Zinc	0.49	48.0	48.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Silver	0.096	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Arsenic	0.096	8.8	8.8	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Barium	0.96	71.0	71.0	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Beryllium	0.096	0.53	0.53	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Calcium	9.6	19000	19000	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Cadmium	0.096	0.18	0.18	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Cobalt	0.048	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Chromium	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Copper	0.19	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Iron	4.8	24000	24000	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Potassium	9.6	1300	1300	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Magnesium	9.6	5500	5500	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Manganese	0.48	350	350 J	MG/KG	D1
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Sodium	9.6	76.0	76.0	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Nickel	0.096	28.0	28.0	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Lead	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Selenium	0.48	0.28	0.28 J	MG/KG	TR
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Thallium	0.096	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Vanadium	0.096	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0059M-0001-SO	240-22648-25	N	Zinc	0.48	49.0	49.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Silver	0.096	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Aluminum	2.9	8400	8400	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Arsenic	0.096	9.7	9.7	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Barium	0.96	62.0	62.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Beryllium	0.096	0.44	0.44	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Calcium	9.6	900	900	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Cadmium	0.096	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Cobalt	0.048	8.2	8.2	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Chromium	0.19	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Iron	4.8	20000	20000	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Potassium	9.6	700	700	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Magnesium	9.6	2300	2300	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Manganese	0.48	300	300 J	MG/KG	D1
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Sodium	9.6	33.0	33.0	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Nickel	0.096	22.0	22.0	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Lead	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Selenium	0.48	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Thallium	0.096	0.12	0.12	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Vanadium	0.096	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Zinc	0.48	44.0	44.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Silver	0.096	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Arsenic	0.096	8.8	8.8	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Barium	0.96	79.0	79.0	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Beryllium	0.096	0.56	0.56 J	MG/KG	A
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Calcium	9.6	8600	8600 J	MG/KG	M
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Cadmium	0.096	0.20	0.20	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Cobalt	0.048	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Chromium	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Copper	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Iron	4.8	24000	24000	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Potassium	9.6	1300	1300	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Magnesium	9.6	3900	3900	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Manganese	0.48	350	350	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Sodium	9.6	51.0	51.0	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Nickel	0.096	27.0	27.0	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Lead	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Selenium	0.48	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Thallium	0.096	0.17	0.17	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Vanadium	0.096	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0061M-0001-SO	240-22648-27	N	Zinc	0.48	50.0	50.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Silver	0.095	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Arsenic	0.095	9.0	9.0	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Barium	0.95	72.0	72.0	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Beryllium	0.095	0.64	0.64 J	MG/KG	A
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Calcium	9.5	8900	8900 J	MG/KG	M
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Cadmium	0.095	0.17	0.17	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Cobalt	0.048	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Chromium	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Copper	0.19	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Iron	4.8	25000	25000	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Potassium	9.5	1400	1400	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Magnesium	9.5	4800	4800	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Manganese	0.48	300	300	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Sodium	9.5	59.0	59.0	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Nickel	0.095	28.0	28.0	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Lead	0.095	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Antimony	0.19	0.11	0.11 J	MG/KG	TR/m

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Selenium	0.48	0.27	0.27 J	MG/KG	TR
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Thallium	0.095	0.18	0.18	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Vanadium	0.095	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Zinc	0.48	53.0	53.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Silver	0.10	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Aluminum	3.0	11000	11000	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Arsenic	0.10	9.8	9.8	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Barium	1.0	66.0	66.0	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Beryllium	0.10	0.56	0.56 J	MG/KG	A
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Calcium	10.0	17000	17000 J	MG/KG	M
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Cadmium	0.10	0.20	0.20	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Cobalt	0.050	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Chromium	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Copper	0.20	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Iron	5.0	25000	25000	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Potassium	10.0	1400	1400	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Magnesium	10.0	6000	6000	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Manganese	0.50	320	320	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Sodium	10.0	87.0	87.0	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Nickel	0.10	27.0	27.0	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Antimony	0.20	0.060	0.060 J	MG/KG	TR/m
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Selenium	0.50	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Thallium	0.10	0.17	0.17	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Vanadium	0.10	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Zinc	0.50	52.0	52.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Silver	0.10	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Aluminum	3.0	11000	11000	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Arsenic	0.10	9.2	9.2	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Barium	1.0	76.0	76.0	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Beryllium	0.10	0.58	0.58 J	MG/KG	A
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Calcium	10.0	6500	6500 J	MG/KG	M
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Cadmium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Cobalt	0.050	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Chromium	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Iron	5.0	24000	24000	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Potassium	10.0	1000	1000	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Magnesium	10.0	3900	3900	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Manganese	0.50	330	330	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Sodium	10.0	58.0	58.0	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Nickel	0.10	23.0	23.0	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Selenium	0.50	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Thallium	0.10	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Vanadium	0.10	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Zinc	0.50	48.0	48.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Silver	0.095	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Arsenic	0.095	9.4	9.4	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Barium	0.95	67.0	67.0	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Beryllium	0.095	0.54	0.54 J	MG/KG	A
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Calcium	9.5	1000	1000 J	MG/KG	M
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Cadmium	0.095	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Cobalt	0.048	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Chromium	0.19	15.0	15.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Copper	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Iron	4.8	24000	24000	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Potassium	9.5	930	930	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Magnesium	9.5	3200	3200	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Manganese	0.48	260	260	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Sodium	9.5	52.0	52.0	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Nickel	0.095	24.0	24.0	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Lead	0.095	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Selenium	0.48	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Thallium	0.095	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Vanadium	0.095	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Zinc	0.48	52.0	52.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Silver	0.10	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Aluminum	3.0	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Arsenic	0.10	8.2	8.2	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Barium	1.0	65.0	65.0	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Beryllium	0.10	0.58	0.58 J	MG/KG	A
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Calcium	10.0	940	940 J	MG/KG	M
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Cadmium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Cobalt	0.050	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Chromium	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Copper	0.20	21.0	21.0	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Iron	5.0	25000	25000	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Potassium	10.0	860	860	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Magnesium	10.0	3100	3100	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Manganese	0.50	330	330	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Sodium	10.0	51.0	51.0	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Nickel	0.10	22.0	22.0	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Lead	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Selenium	0.50	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Thallium	0.10	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Vanadium	0.10	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Zinc	0.50	56.0	56.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Silver	0.098	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Aluminum	2.9	10000	10000	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Arsenic	0.098	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Barium	0.98	57.0	57.0	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Beryllium	0.098	0.51	0.51 J	MG/KG	A
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Calcium	9.8	14000	14000 J	MG/KG	M
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Cadmium	0.098	0.17	0.17	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Cobalt	0.049	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Chromium	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Iron	4.9	23000	23000	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Potassium	9.8	1200	1200	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Magnesium	9.8	6000	6000	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Manganese	0.49	330	330	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Sodium	9.8	77.0	77.0	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Nickel	0.098	26.0	26.0	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Lead	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Selenium	0.49	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Thallium	0.098	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Vanadium	0.098	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0067M-0001-SO	240-22648-34	N	Zinc	0.49	53.0	53.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Silver	0.099	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Aluminum	3.0	10000	10000	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Arsenic	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Barium	0.99	59.0	59.0	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Beryllium	0.099	0.51	0.51 J	MG/KG	A
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Calcium	9.9	12000	12000 J	MG/KG	M
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Cadmium	0.099	0.18	0.18	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Cobalt	0.050	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Chromium	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Iron	5.0	24000	24000	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Potassium	9.9	1200	1200	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Magnesium	9.9	5500	5500	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Manganese	0.50	340	340	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Sodium	9.9	69.0	69.0	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Nickel	0.099	27.0	27.0	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Lead	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Selenium	0.50	0.23	0.23 J	MG/KG	TR
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Thallium	0.099	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Vanadium	0.099	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0068M-0001-SO	240-22648-35	N	Zinc	0.50	52.0	52.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Silver	0.096	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Arsenic	0.096	9.2	9.2	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Barium	0.96	59.0	59.0	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Beryllium	0.096	0.51	0.51 J	MG/KG	A
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Calcium	9.6	9700	9700 J	MG/KG	M
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Cadmium	0.096	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Cobalt	0.048	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Chromium	0.19	15.0	15.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Copper	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Iron	4.8	23000	23000	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Potassium	9.6	1100	1100	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Magnesium	9.6	5100	5100	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Manganese	0.48	300	300	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Sodium	9.6	63.0	63.0	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Nickel	0.096	25.0	25.0	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Lead	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Selenium	0.48	0.23	0.23 J	MG/KG	TR
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Thallium	0.096	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Vanadium	0.096	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Zinc	0.48	48.0	48.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Silver	0.098	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Arsenic	0.098	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Barium	0.98	60.0	60.0	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Beryllium	0.098	0.54	0.54 J	MG/KG	A
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Calcium	9.8	7600	7600 J	MG/KG	M
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Cadmium	0.098	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Cobalt	0.049	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Chromium	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Iron	4.9	24000	24000	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Potassium	9.8	1100	1100	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Magnesium	9.8	4300	4300	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Manganese	0.49	260	260	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Sodium	9.8	50.0	50.0	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Nickel	0.098	25.0	25.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Lead	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Selenium	0.49	0.21	0.21 J	MG/KG	TR
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Thallium	0.098	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Vanadium	0.098	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0070M-0001-SO	240-22648-37	N	Zinc	0.49	62.0	62.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Silver	0.088	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Aluminum	2.6	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Arsenic	0.088	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Barium	0.88	68.0	68.0	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Beryllium	0.088	0.56	0.56	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Calcium	8.8	8800	8800 J	MG/KG	M
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Cadmium	0.088	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Cobalt	0.044	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Chromium	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Copper	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Iron	4.4	25000	25000	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Potassium	8.8	1200	1200	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Magnesium	8.8	4700	4700	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Manganese	0.44	370	370	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Sodium	8.8	57.0	57.0	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Nickel	0.088	24.0	24.0	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Lead	0.088	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Selenium	0.44	0.27	0.27 J	MG/KG	TR
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Thallium	0.088	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Vanadium	0.088	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Zinc	0.44	50.0	50.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Silver	0.095	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Aluminum	2.9	13000	13000	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Arsenic	0.095	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Barium	0.95	67.0	67.0	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Beryllium	0.095	0.63	0.63	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Calcium	9.5	13000	13000 J	MG/KG	M
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Cadmium	0.095	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Cobalt	0.048	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Chromium	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Copper	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Iron	4.8	26000	26000	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Potassium	9.5	1400	1400	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Magnesium	9.5	5100	5100	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Manganese	0.48	310	310	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Sodium	9.5	76.0	76.0	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Nickel	0.095	26.0	26.0	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Lead	0.095	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Selenium	0.48	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Thallium	0.095	0.18	0.18	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Vanadium	0.095	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0072M-0001-SO	240-22648-39	N	Zinc	0.48	57.0	57.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Silver	0.092	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Aluminum	2.8	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Arsenic	0.092	9.9	9.9	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Barium	0.92	67.0	67.0	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Beryllium	0.092	0.56	0.56	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Calcium	9.2	3600	3600 J	MG/KG	M
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Cadmium	0.092	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Cobalt	0.046	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Chromium	0.18	16.0	16.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Copper	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Iron	4.6	24000	24000	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Potassium	9.2	1300	1300	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Magnesium	9.2	4500	4500	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Manganese	0.46	350	350	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Sodium	9.2	93.0	93.0	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Nickel	0.092	25.0	25.0	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Lead	0.092	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Selenium	0.46	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Thallium	0.092	0.17	0.17	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Vanadium	0.092	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Zinc	0.46	49.0	49.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Silver	0.12	0.038	0.038 J	MG/KG	TR
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Aluminum	3.6	3100	3100	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Arsenic	0.12	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Barium	1.2	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Beryllium	0.12	0.15	0.15 J	MG/KG	A
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Calcium	12.0	8300	8300 J	MG/KG	M
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Cadmium	0.12	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Cobalt	0.060	4.4	4.4	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Chromium	0.24	4.8	4.8	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Copper	0.24	24.0	24.0	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Iron	6.0	14000	14000	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Potassium	12.0	520	520	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Magnesium	12.0	3000	3000	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Manganese	0.60	170	170	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Sodium	12.0	42.0	42.0	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Nickel	0.12	11.0	11.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Lead	0.12	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Antimony	0.24	0.10	0.10 J	MG/KG	TR/m
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Selenium	0.60	0.15	0.15 J	MG/KG	TR
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Thallium	0.12	0.090	0.090 J	MG/KG	TR
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Vanadium	0.12	6.1	6.1	MG/KG	
SW6020/NONE	SO	079SB-0075M-0001-SO	240-22648-31	N	Zinc	0.60	62.0	62.0 J	MG/KG	A

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7470A/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Mercury	0.20	0.24	0.24	UG/L	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Mercury	0.10	0.052	0.052 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Mercury	0.10	0.015	0.015 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Mercury	0.11	0.015	0.015 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Mercury	0.10	0.019	0.019 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Mercury	0.092	0.020	0.020 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Mercury	0.10	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Mercury	0.097	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Mercury	0.098	0.21	0.21	MG/KG	
SW7471A/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Mercury	0.10	0.019	0.019 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Mercury	0.10	0.019	0.019 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	Mercury	0.10	0.015	0.015 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Mercury	0.086	0.014	0.014 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Mercury	0.11	0.030	0.030 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Mercury	0.11	0.028	0.028 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Mercury	0.10	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Mercury	0.090	0.024	0.024 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Mercury	0.10	0.028	0.028 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Mercury	0.092	0.015	0.015 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Mercury	0.11	0.025	0.025 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Mercury	0.090	0.030	0.030 J	MG/KG	TR
SW7471A/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Mercury	0.28	0.072	0.072 J	MG/KG	TR
SW7471A/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Mercury	0.29	0.10	0.10 J	MG/KG	TR
SW7471A/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Mercury	0.14	0.035	0.035 J	MG/KG	TR
SW7471A/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Mercury	0.16	0.032	0.032 J	MG/KG	TR
SW7471A/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Mercury	0.16	0.041	0.041 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0055M-0001-SO	240-22648-22	N	Mercury	0.095	0.029	0.029 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0057M-0001-SO	240-22648-23	N	Mercury	0.10	0.023	0.023 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0060M-0001-SO	240-22648-26	N	Mercury	0.11	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0062M-0001-SO	240-22648-28	N	Mercury	0.11	0.015	0.015 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Mercury	0.092	0.014	0.014 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0065M-0001-SO	240-22648-32	N	Mercury	0.092	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0066M-0001-SO	240-22648-33	N	Mercury	0.095	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Mercury	0.095	0.016	0.016 J	MG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Carbon Disulfide	4.8	3.1	3.1 J -	UG/KG	I/TR
SW8260B/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Carbon Disulfide	7.1	4.5	4.5 J +	UG/KG	I/TR
SW8260B/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	2-Butanone (MEK)	29.0	2.7	2.7 J +	UG/KG	I/TR
SW8260B/NONE	WG	073SW-0057-0001-TB	240-22648-20	N	Acetone	10.0	7.0	7.0 J	UG/L	TR/J
SW8260B/NONE	WG	073SW-0057-0001-TB	240-22648-20	N	Methylene Chloride	1.0	1.2	1.2	UG/L	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Fluoranthene	6.7	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Naphthalene	6.7	4.9	4.9 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Phenanthrene	6.7	6.7	6.7	UG/KG	
SW8270C/NONE	SO	068SB-0033M-0001-SO	240-22648-46	N	Pyrene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	2-Methylnaphthalene	6.6	11.0	11.0	UG/KG	
SW8270C/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Naphthalene	6.6	13.0	13.0	UG/KG	
SW8270C/NONE	SO	068SB-0034M-0001-SO	240-22648-47	N	Phenanthrene	6.6	4.6	4.6 J	UG/KG	TR



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	2-Methylnaphthalene	6.6	7.8	7.8	UG/KG	
SW8270C/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Naphthalene	6.6	10.0	10.0	UG/KG	
SW8270C/NONE	SO	068SB-0035M-0001-SO	240-22648-48	N	Phenanthrene	6.6	4.6	4.6 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	2-Methylnaphthalene	6.7	6.5	6.5 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0036M-0001-SO	240-22648-50	N	Naphthalene	6.7	8.3	8.3	UG/KG	
SW8270C/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	2-Methylnaphthalene	6.6	9.1	9.1	UG/KG	
SW8270C/NONE	SO	068SB-0038M-0001-SO	240-22648-49	N	Naphthalene	6.6	10.0	10.0	UG/KG	
SW8270C/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Di-n-Butyl Phthalate	69.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	2-Methylnaphthalene	6.6	11.0	11.0	UG/KG	
SW8270C/NONE	SO	068SB-0039M-0001-SO	240-22648-51	N	Naphthalene	6.6	13.0	13.0	UG/KG	
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Benzo(a)pyrene	6.7	39.0	39.0	UG/KG	
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Fluoranthene	6.7	3.5	3.5 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	2-Methylnaphthalene	6.7	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Naphthalene	6.7	7.1	7.1	UG/KG	
SW8270C/NONE	SO	068SB-0040M-0001-SO	240-22648-52	N	Phenanthrene	6.7	6.1	6.1 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	2-Methylnaphthalene	6.7	13.0	13.0	UG/KG	
SW8270C/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Naphthalene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	068SB-0041M-0001-SO	240-22648-53	N	Phenanthrene	6.7	10.0	10.0	UG/KG	
SW8270C/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Benzo(b)fluoranthene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	2-Methylnaphthalene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	068SB-0042M-0001-SO	240-22648-54	N	Naphthalene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	bis(2-Ethylhexyl) Phthalate	71.0	120	120	UG/KG	
SW8270C/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	2-Methylnaphthalene	6.8	12.0	12.0	UG/KG	
SW8270C/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Naphthalene	6.8	14.0	14.0	UG/KG	
SW8270C/NONE	SO	068SB-0044M-0001-SO	240-22648-41	N	Phenanthrene	6.8	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	bis(2-Ethylhexyl) Phthalate	70.0	96.0	96.0	UG/KG	
SW8270C/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	2-Methylnaphthalene	6.7	6.1	6.1 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0045M-0001-SO	240-22648-42	N	Naphthalene	6.7	7.7	7.7	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	bis(2-Ethylhexyl) Phthalate	69.0	110	110	UG/KG	
SW8270C/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	1,4-Dichlorobenzene	49.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	2-Methylnaphthalene	6.6	12.0	12.0	UG/KG	
SW8270C/NONE	SO	068SB-0046M-0001-SO	240-22648-43	N	Naphthalene	6.6	17.0	17.0	UG/KG	
SW8270C/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	2-Methylnaphthalene	6.6	7.2	7.2	UG/KG	
SW8270C/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Naphthalene	6.6	9.0	9.0	UG/KG	
SW8270C/NONE	SO	068SB-0047M-0001-SO	240-22648-44	N	Phenanthrene	6.6	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	bis(2-Ethylhexyl) Phthalate	71.0	33.0	33.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	2-Methylnaphthalene	6.7	6.4	6.4 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0048M-0001-SO	240-22648-45	N	Naphthalene	6.7	10.0	10.0	UG/KG	
SW8270C/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	2-Methylnaphthalene	6.7	5.7	5.7 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Naphthalene	6.7	7.7	7.7	UG/KG	
SW8270C/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Phenanthrene	6.7	7.0	7.0	UG/KG	
SW8270C/NONE	SO	068SB-0050M-0001-SO	240-22648-55	N	Pyrene	6.7	3.4	3.4 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	2-Methylnaphthalene	6.7	6.5	6.5 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Naphthalene	6.7	9.2	9.2	UG/KG	
SW8270C/NONE	SO	068SB-0051M-0001-SO	240-22648-56	N	Phenanthrene	6.7	8.3	8.3	UG/KG	
SW8270C/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Dibenzofuran	50.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Fluorene	6.6	13.0	13.0	UG/KG	
SW8270C/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	2-Methylnaphthalene	6.6	5.7	5.7 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Naphthalene	6.6	7.3	7.3	UG/KG	
SW8270C/NONE	SO	068SB-0052M-0001-SO	240-22648-57	N	Phenanthrene	6.6	13.0	13.0	UG/KG	
SW8270C/NONE	SO	068SB-0053M-0001-SO	240-22648-58	N	2-Methylnaphthalene	6.6	4.4	4.4 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	2-Methylnaphthalene	6.6	9.6	9.6	UG/KG	
SW8270C/NONE	SO	068SB-0054M-0001-SO	240-22648-59	N	Phenanthrene	6.6	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	2-Methylnaphthalene	6.6	7.5	7.5	UG/KG	
SW8270C/NONE	SO	068SB-0056M-0001-SO	240-22648-60	N	Naphthalene	6.6	8.7	8.7	UG/KG	
SW8270C/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Dibenzofuran	51.0	17.0	17.0 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Fluorene	6.8	13.0	13.0	UG/KG	
SW8270C/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	2-Methylnaphthalene	6.8	12.0	12.0	UG/KG	
SW8270C/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Naphthalene	6.8	12.0	12.0	UG/KG	
SW8270C/NONE	SO	068SB-0057M-0001-SO	240-22648-61	N	Phenanthrene	6.8	15.0	15.0	UG/KG	
SW8270C/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	2-Methylnaphthalene	6.7	8.8	8.8	UG/KG	
SW8270C/NONE	SO	068SB-0059M-0001-SO	240-22648-62	N	Naphthalene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Acenaphthylene	6.6	9.4	9.4	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Anthracene	6.6	16.0	16.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Benzo(a)anthracene	6.6	77.0	77.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Benzo(a)pyrene	6.6	62.0	62.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Benzo(b)fluoranthene	6.6	110	110	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Benzo(g,h,i)perylene	6.6	38.0	38.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Benzo(k)fluoranthene	6.6	27.0	27.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Chrysene	6.6	77.0	77.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Dibenzofuran	50.0	14.0	14.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	1,4-Dichlorobenzene	50.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Fluorene	6.6	5.9	5.9 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Fluoranthene	6.6	130	130	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Indeno(1,2,3-c,d)pyrene	6.6	33.0	33.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Isophorone	50.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	2-Methylnaphthalene	6.6	60.0	60.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Naphthalene	6.6	51.0	51.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Phenanthrene	6.6	62.0	62.0	UG/KG	
SW8270C/NONE	SO	073SB-0016M-0001-SO	240-22648-1	N	Pyrene	6.6	100	100	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Acenaphthylene	6.6	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Anthracene	6.6	25.0	25.0	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Benzo(a)anthracene	6.6	70.0	70.0	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Benzo(a)pyrene	6.6	58.0	58.0	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Benzo(b)fluoranthene	6.6	85.0	85.0	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Benzo(g,h,i)perylene	6.6	32.0	32.0	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Benzo(k)fluoranthene	6.6	31.0	31.0	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Benzyl alcohol	330	37.0	37.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Chrysene	6.6	67.0	67.0	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Dibenzofuran	49.0	11.0	11.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	1,4-Dichlorobenzene	49.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Fluorene	6.6	9.6	9.6	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Fluoranthene	6.6	150	150	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Indeno(1,2,3-c,d)pyrene	6.6	31.0	31.0	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Isophorone	49.0	23.0	23.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	2-Methylnaphthalene	6.6	36.0	36.0	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Naphthalene	6.6	34.0	34.0	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Phenanthrene	6.6	87.0	87.0	UG/KG	
SW8270C/NONE	SO	073SB-0017M-0001-SO	240-22648-2	N	Pyrene	6.6	120	120	UG/KG	
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	1,4-Dichlorobenzene	50.0	21.0	21.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	2-Methylnaphthalene	6.6	12.0	12.0	UG/KG	
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Naphthalene	6.6	12.0	12.0	UG/KG	
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Phenanthrene	6.6	7.7	7.7	UG/KG	
SW8270C/NONE	SO	073SB-0019M-0001-SO	240-22648-3	N	Pyrene	6.6	3.9	3.9 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Benzo(a)anthracene	6.7	13.0	13.0	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Benzo(a)pyrene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Benzo(b)fluoranthene	6.7	18.0	18.0	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Benzo(g,h,i)perylene	6.7	10.0	10.0	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Benzo(k)fluoranthene	6.7	8.5	8.5	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Benzyl alcohol	330	130	130 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Chrysene	6.7	15.0	15.0	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Dibenzofuran	50.0	8.4	8.4 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	1,4-Dichlorobenzene	50.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Fluorene	6.7	4.4	4.4 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Fluoranthene	6.7	25.0	25.0	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Indeno(1,2,3-c,d)pyrene	6.7	8.1	8.1	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Isophorone	50.0	16.0	16.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	2-Methylnaphthalene	6.7	22.0	22.0	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Naphthalene	6.7	22.0	22.0	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Phenanthrene	6.7	19.0	19.0	UG/KG	
SW8270C/NONE	SO	073SB-0020M-0001-SO	240-22648-4	N	Pyrene	6.7	22.0	22.0	UG/KG	
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Benzo(a)anthracene	6.7	9.1	9.1	UG/KG	
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Benzo(a)pyrene	6.7	7.0	7.0	UG/KG	
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Benzo(b)fluoranthene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Benzo(g,h,i)perylene	6.7	6.4	6.4 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Benzo(k)fluoranthene	6.7	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Chrysene	6.7	10.0	10.0	UG/KG	
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Dibenzofuran	50.0	6.5	6.5 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	1,4-Dichlorobenzene	50.0	23.0	23.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Fluoranthene	6.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Indeno(1,2,3-c,d)pyrene	6.7	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Isophorone	50.0	19.0	19.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	2-Methylnaphthalene	6.7	24.0	24.0	UG/KG	
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Naphthalene	6.7	23.0	23.0	UG/KG	
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Phenanthrene	6.7	17.0	17.0	UG/KG	
SW8270C/NONE	SO	073SB-0021M-0001-SO	240-22648-5	N	Pyrene	6.7	13.0	13.0	UG/KG	
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Benzo(a)anthracene	6.6	7.2	7.2	UG/KG	
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Benzo(b)fluoranthene	6.6	7.7	7.7	UG/KG	
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Benzo(g,h,i)perylene	6.6	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Chrysene	6.6	6.1	6.1 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Dibenzofuran	50.0	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Fluoranthene	6.6	8.7	8.7	UG/KG	
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	2-Methylnaphthalene	6.6	17.0	17.0	UG/KG	
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Naphthalene	6.6	14.0	14.0	UG/KG	
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Phenanthrene	6.6	13.0	13.0	UG/KG	
SW8270C/NONE	SO	073SB-0022M-0001-SO	240-22648-6	N	Pyrene	6.6	9.0	9.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Acenaphthylene	6.6	3.3	3.3 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Benzo(a)anthracene	6.6	16.0	16.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Benzo(a)pyrene	6.6	15.0	15.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Benzo(b)fluoranthene	6.6	22.0	22.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Benzo(g,h,i)perylene	6.6	15.0	15.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Benzo(k)fluoranthene	6.6	11.0	11.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Benzyl alcohol	330	34.0	34.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Chrysene	6.6	29.0	29.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Dibenzofuran	50.0	12.0	12.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	1,4-Dichlorobenzene	50.0	35.0	35.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Fluorene	6.6	6.0	6.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Fluoranthene	6.6	31.0	31.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Indeno(1,2,3-c,d)pyrene	6.6	8.8	8.8	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Isophorone	50.0	13.0	13.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	2-Methylnaphthalene	6.6	24.0	24.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Naphthalene	6.6	20.0	20.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Phenanthrene	6.6	31.0	31.0	UG/KG	
SW8270C/NONE	SO	073SB-0023M-0001-SO	240-22648-7	N	Pyrene	6.6	31.0	31.0	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Acenaphthylene	6.7	4.6	4.6 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Anthracene	6.7	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Benzo(a)anthracene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Benzo(a)pyrene	6.7	13.0	13.0	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Benzo(b)fluoranthene	6.7	28.0	28.0	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Benzo(g,h,i)perylene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Benzo(k)fluoranthene	6.7	8.3	8.3	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Chrysene	6.7	21.0	21.0	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Dibenzofuran	50.0	8.5	8.5 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	1,4-Dichlorobenzene	50.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Fluorene	6.7	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Fluoranthene	6.7	25.0	25.0	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Indeno(1,2,3-c,d)pyrene	6.7	11.0	11.0	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Isophorone	50.0	14.0	14.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	2-Methylnaphthalene	6.7	28.0	28.0	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Naphthalene	6.7	26.0	26.0	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Phenanthrene	6.7	26.0	26.0	UG/KG	
SW8270C/NONE	SO	073SB-0024M-0001-SO	240-22648-8	N	Pyrene	6.7	22.0	22.0	UG/KG	
SW8270C/NONE	SO	073SB-0067-0001-SO	240-22648-9	N	Benzyl alcohol	380	80.0	80.0 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Anthracene	17.0	10.0	10.0 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Benzo(a)anthracene	17.0	28.0	28.0	UG/KG	
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Benzo(a)pyrene	17.0	26.0	26.0	UG/KG	
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Benzo(b)fluoranthene	17.0	44.0	44.0	UG/KG	
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Benzo(g,h,i)perylene	17.0	22.0	22.0	UG/KG	
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Benzo(k)fluoranthene	17.0	20.0	20.0	UG/KG	
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Benzyl alcohol	840	260	260 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Chrysene	17.0	38.0	38.0	UG/KG	
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Dibenzofuran	130	45.0	45.0 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Fluoranthene	17.0	53.0	53.0	UG/KG	
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Indeno(1,2,3-c,d)pyrene	17.0	17.0	17.0	UG/KG	
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	2-Methylnaphthalene	17.0	16.0	16.0 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Naphthalene	17.0	12.0	12.0 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Phenanthrene	17.0	23.0	23.0	UG/KG	
SW8270C/NONE	SE	073SD-0045-0001-SD	240-22648-10	N	Pyrene	17.0	46.0	46.0	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Acenaphthylene	18.0	38.0	38.0	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Anthracene	18.0	270	270	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	bis(2-Ethylhexyl) Phthalate	190	77.0	77.0 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Benzo(a)anthracene	18.0	860	860	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Benzoic acid	1800	1400	1400 J	UG/KG	TR/c
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Benzo(a)pyrene	18.0	380	380	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Benzo(b)fluoranthene	18.0	860	860	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Benzo(g,h,i)perylene	18.0	190	190	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Benzo(k)fluoranthene	18.0	300	300	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Chrysene	18.0	1100	1100	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Dibenz(a,h)anthracene	18.0	75.0	75.0	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Dibenzofuran	130	35.0	35.0 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Fluoranthene	18.0	620	620	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Indeno(1,2,3-c,d)pyrene	18.0	180	180	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	2-Methylnaphthalene	18.0	25.0	25.0	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Naphthalene	18.0	19.0	19.0	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Phenanthrene	18.0	53.0	53.0	UG/KG	
SW8270C/NONE	SE	073SD-0046-0001-SD	240-22648-14	N	Pyrene	18.0	670	670	UG/KG	
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Benzo(a)anthracene	10.0	7.6	7.6 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Benzo(b)fluoranthene	10.0	8.2	8.2 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Benzyl alcohol	500	59.0	59.0 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Chrysene	10.0	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Fluoranthene	10.0	11.0	11.0	UG/KG	
SW8270C/NONE	SE	073SD-0047-0001-SD	240-22648-11	N	Pyrene	10.0	8.3	8.3 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Benzo(b)fluoranthene	10.0	10.0	10.0	UG/KG	
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Benzyl alcohol	510	150	150 J	UG/KG	TR



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	2-Methylnaphthalene	10.0	7.4	7.4 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0048-0001-SD	240-22648-12	FD	Pyrene	10.0	8.2	8.2 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Benzo(a)anthracene	10.0	18.0	18.0	UG/KG	
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Benzo(a)pyrene	10.0	18.0	18.0	UG/KG	
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Benzo(b)fluoranthene	10.0	35.0	35.0	UG/KG	
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Benzo(g,h,i)perylene	10.0	11.0	11.0	UG/KG	
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Benzo(k)fluoranthene	10.0	6.8	6.8 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Chrysene	10.0	24.0	24.0	UG/KG	
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Dibenzofuran	75.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Fluoranthene	10.0	35.0	35.0	UG/KG	
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Indeno(1,2,3-c,d)pyrene	10.0	8.1	8.1 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	2-Methylnaphthalene	10.0	7.3	7.3 J	UG/KG	TR
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Phenanthrene	10.0	12.0	12.0	UG/KG	
SW8270C/NONE	SE	073SD-0050-0001-SD	240-22648-13	N	Pyrene	10.0	32.0	32.0	UG/KG	
SW8270C/NONE	WS	073SW-0056-0001-SW	240-22648-15	N	bis(2-Ethylhexyl) Phthalate	2.1	0.94	0.94 J	UG/L	TR
SW8270C/NONE	WS	073SW-0058-0001-SW	240-22648-16	N	bis(2-Ethylhexyl) Phthalate	2.1	1.4	1.4 J	UG/L	TR
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	bis(2-Ethylhexyl) Phthalate	2.1	4.5	4.5	UG/L	
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Fluoranthene	0.21	0.15	0.15 J	UG/L	TR
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Cresols, m & p	2.1	1.9	1.9 J	UG/L	TR
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	2-Methylphenol (o-Cresol)	1.0	0.84	0.84 J	UG/L	TR
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Phenol	1.0	3.4	3.4	UG/L	
SW8270C/NONE	WS	073SW-0067-0001-SW	240-22648-21	N	Pyrene	0.21	0.12	0.12 J	UG/L	TR
SW8270C/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	bis(2-Ethylhexyl) Phthalate	71.0	98.0	98.0	UG/KG	
SW8270C/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	1,4-Dichlorobenzene	51.0	25.0	25.0 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	2-Methylnaphthalene	6.8	14.0	14.0	UG/KG	
SW8270C/NONE	SO	079SB-0063M-0001-SO	240-22648-29	N	Naphthalene	6.8	18.0	18.0	UG/KG	
SW8270C/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	bis(2-Ethylhexyl) Phthalate	70.0	110	110	UG/KG	
SW8270C/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	1,4-Dichlorobenzene	50.0	23.0	23.0 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Isophorone	50.0	14.0	14.0 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	2-Methylnaphthalene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	079SB-0064M-0001-SO	240-22648-30	N	Naphthalene	6.7	18.0	18.0	UG/KG	
SW8270C/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	bis(2-Ethylhexyl) Phthalate	70.0	73.0	73.0	UG/KG	
SW8270C/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	2-Methylnaphthalene	6.7	8.3	8.3	UG/KG	
SW8270C/NONE	SO	079SB-0069M-0001-SO	240-22648-36	N	Naphthalene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	bis(2-Ethylhexyl) Phthalate	70.0	88.0	88.0	UG/KG	
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Benzo(a)anthracene	6.7	5.9	5.9 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Benzo(a)pyrene	6.7	4.4	4.4 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Benzo(b)fluoranthene	6.7	9.7	9.7	UG/KG	
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Benzo(k)fluoranthene	6.7	3.4	3.4 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Chrysene	6.7	7.1	7.1	UG/KG	
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Fluoranthene	6.7	9.6	9.6	UG/KG	
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	2-Methylnaphthalene	6.7	9.0	9.0	UG/KG	
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Naphthalene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Phenanthrene	6.7	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0071M-0001-SO	240-22648-38	N	Pyrene	6.7	7.5	7.5	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Acenaphthylene	6.7	7.4	7.4	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Anthracene	6.7	4.9	4.9 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	bis(2-Ethylhexyl) Phthalate	70.0	67.0	67.0 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Benzo(a)anthracene	6.7	25.0	25.0	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Benzo(a)pyrene	6.7	21.0	21.0	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Benzo(b)fluoranthene	6.7	47.0	47.0	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Benzo(g,h,i)perylene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Benzo(k)fluoranthene	6.7	15.0	15.0	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Chrysene	6.7	32.0	32.0	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Fluoranthene	6.7	42.0	42.0	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Indeno(1,2,3-c,d)pyrene	6.7	12.0	12.0	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	2-Methylnaphthalene	6.7	6.8	6.8	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Naphthalene	6.7	10.0	10.0	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Phenanthrene	6.7	7.2	7.2	UG/KG	
SW8270C/NONE	SO	079SB-0074M-0001-SO	240-22648-40	N	Pyrene	6.7	37.0	37.0	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Rejected Results**

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	068SB-0044M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	c
SW8270C/NONE	SO	068SB-0045M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	068SB-0046M-0001-SO	N	Benzoic acid	650	650	R	UG/KG	c
SW8270C/NONE	SO	068SB-0057M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	m
SW8270C/NONE	SO	073SB-0016M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	073SB-0017M-0001-SO	N	Benzoic acid	650	650	R	UG/KG	c
SW8270C/NONE	SO	073SB-0019M-0001-SO	N	Benzoic acid	650	650	R	UG/KG	c
SW8270C/NONE	SO	073SB-0020M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	073SB-0021M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	073SB-0022M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	073SB-0023M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	073SB-0024M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	073SB-0067-0001-SO	N	Benzoic acid	760	760	R	UG/KG	c
SW8270C/NONE	SE	073SD-0045-0001-SD	N	Benzoic acid	1700	1700	R	UG/KG	c
SW8270C/NONE	SE	073SD-0045-0001-SD	N	4-Chloroaniline	380	380	R	UG/KG	m
SW8270C/NONE	SE	073SD-0045-0001-SD	N	3,3'-Dichlorobenzidine	260	260	R	UG/KG	m
SW8270C/NONE	SE	073SD-0045-0001-SD	N	3-Nitroaniline	510	510	R	UG/KG	m
SW8270C/NONE	SE	073SD-0047-0001-SD	N	Benzoic acid	990	990	R	UG/KG	c
SW8270C/NONE	SE	073SD-0048-0001-SD	FD	Benzoic acid	1000	1000	R	UG/KG	c
SW8270C/NONE	SE	073SD-0050-0001-SD	N	Benzoic acid	990	990	R	UG/KG	c
SW8270C/NONE	WS	073SW-0056-0001-SW	N	Benzoic acid	27.0	27.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0056-0001-SW	N	3,3'-Dichlorobenzidine	5.3	5.3	R	UG/L	m
SW8270C/NONE	WS	073SW-0056-0001-SW	N	Hexachlorocyclopentadiene	11.0	11.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0058-0001-SW	N	Benzoic acid	26.0	26.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0058-0001-SW	N	Hexachlorocyclopentadiene	10.0	10.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0059-0001-SW	N	Benzoic acid	27.0	27.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0059-0001-SW	N	Hexachlorocyclopentadiene	11.0	11.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0061-0001-SW	N	Benzoic acid	26.0	26.0	R	UG/L	c

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Rejected Results**

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	WS	073SW-0061-0001-SW	N	Hexachlorocyclopentadiene	10.0	10.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0067-0001-SW	N	Benzoic acid	26.0	26.0	R	UG/L	c
SW8270C/NONE	WS	073SW-0067-0001-SW	N	Hexachlorocyclopentadiene	10.0	10.0	R	UG/L	c
SW8270C/NONE	SO	079SB-0063M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	c
SW8270C/NONE	SO	079SB-0064M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	079SB-0069M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	079SB-0071M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	079SB-0074M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c

## AUTOMATED DATA REVIEW SUMMARY for 240-22648-1

### Anomalies Count

SDG Name: 240-22648-1

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
SW6020/SW3050B/NONE	7	57
SW7471A/TOTAL/NONE	22	22
SW8081/SW3520C/NONE	1	20
SW8082/SW3520C/NONE	1	7
SW8260B/SW5035/NONE	9	206
SW8270C/SW3550/NONE	41	90
SW8330B/METHOD/NONE	1	6

**Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	073SB-0067-0001-SO	N	1	Barium	25	0.012	1.1	1	MG/KG
SW6020/NONE	073SB-0067-0001-SO	N	1	Beryllium	0.29	0.0084	0.11	0.1	MG/KG
SW6020/NONE	073SB-0067-0001-SO	N	1	Cadmium	0.093 J	0.015	0.11	0.1	MG/KG
SW6020/NONE	073SB-0067-0001-SO	N	1	Calcium	3100	1.5	11	10	MG/KG
SW6020/NONE	073SB-0067-0001-SO	N	1	Magnesium	2900	1.2	11	10	MG/KG
SW6020/NONE	073SB-0067-0001-SO	N	1	Selenium	0.24 J	0.057	0.56	0.5	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Barium	140	0.026	2.4	1	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Beryllium	0.64	0.018	0.24	0.1	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Cadmium	0.71	0.032	0.24	0.1	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Calcium	4000	3.2	24	10	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Iron	27000	2.6	12	10	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Magnesium	2400	2.6	24	10	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Manganese	2300 J	0.039	1.2	1	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Potassium	730	7.7	24	20	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Selenium	0.87 J	0.12	1.2	0.5	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Sodium	110	6.5	24	20	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Thallium	0.22 J	0.025	0.24	0.2	MG/KG
SW6020/NONE	073SD-0045-0001-SD	N	1	Zinc	84 J	0.16	1.2	1	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Antimony	0.17 J	0.12	0.51	0.5	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Barium	140	0.028	2.6	1	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Beryllium	0.66	0.019	0.26	0.1	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Cadmium	0.83	0.034	0.26	0.1	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Calcium	5200	3.4	26	10	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Chromium	12	0.057	0.51	0.5	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Copper	20	0.085	0.51	0.5	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Iron	17000	2.8	13	10	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Magnesium	2000	2.8	26	10	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Manganese	330 J	0.041	1.3	1	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Potassium	860	8.1	26	20	MG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	073SD-0046-0001-SD	N	1	Selenium	1.7	0.13	1.3	0.5	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Sodium	57	6.8	26	20	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Thallium	0.15 J	0.026	0.26	0.2	MG/KG
SW6020/NONE	073SD-0046-0001-SD	N	1	Zinc	78 J	0.17	1.3	1	MG/KG
SW6020/NONE	073SD-0047-0001-SD	N	1	Barium	180	0.016	1.5	1	MG/KG
SW6020/NONE	073SD-0047-0001-SD	N	1	Beryllium	0.93	0.011	0.15	0.1	MG/KG
SW6020/NONE	073SD-0047-0001-SD	N	1	Cadmium	0.89	0.02	0.15	0.1	MG/KG
SW6020/NONE	073SD-0047-0001-SD	N	1	Calcium	12000	2	15	10	MG/KG
SW6020/NONE	073SD-0047-0001-SD	N	1	Magnesium	2800	1.6	15	10	MG/KG
SW6020/NONE	073SD-0047-0001-SD	N	1	Selenium	0.71 J	0.077	0.76	0.5	MG/KG
SW6020/NONE	073SD-0048-0001-SD	FD	1	Barium	180	0.016	1.5	1	MG/KG
SW6020/NONE	073SD-0048-0001-SD	FD	1	Beryllium	0.94	0.011	0.15	0.1	MG/KG
SW6020/NONE	073SD-0048-0001-SD	FD	1	Cadmium	0.79	0.02	0.15	0.1	MG/KG
SW6020/NONE	073SD-0048-0001-SD	FD	1	Calcium	9800	2	15	10	MG/KG
SW6020/NONE	073SD-0048-0001-SD	FD	1	Magnesium	2400	1.7	15	10	MG/KG
SW6020/NONE	073SD-0048-0001-SD	FD	1	Selenium	0.78	0.078	0.77	0.5	MG/KG
SW6020/NONE	073SD-0050-0001-SD	N	1	Barium	64	0.016	1.5	1	MG/KG
SW6020/NONE	073SD-0050-0001-SD	N	1	Beryllium	0.39	0.011	0.15	0.1	MG/KG
SW6020/NONE	073SD-0050-0001-SD	N	1	Cadmium	0.35	0.02	0.15	0.1	MG/KG
SW6020/NONE	073SD-0050-0001-SD	N	1	Calcium	2000	2	15	10	MG/KG
SW6020/NONE	073SD-0050-0001-SD	N	1	Magnesium	1500	1.6	15	10	MG/KG
SW6020/NONE	073SD-0050-0001-SD	N	1	Selenium	0.43 J	0.077	0.76	0.5	MG/KG
SW6020/NONE	073SW-0056-0001-SW	N	1	Cadmium	1 U	0.13	1	0.5	UG/L
SW6020/NONE	073SW-0058-0001-SW	N	1	Cadmium	1 U	0.13	1	0.5	UG/L
SW6020/NONE	073SW-0059-0001-SW	N	1	Cadmium	1 U	0.13	1	0.5	UG/L
SW6020/NONE	073SW-0061-0001-SW	N	1	Cadmium	1 U	0.13	1	0.5	UG/L
SW6020/NONE	073SW-0067-0001-SW	N	1	Cadmium	2.1	0.13	1	0.5	UG/L
SW6020/NONE	079SB-0075M-0001-SO	N	1	Barium	11	0.013	1.2	1	MG/KG
SW6020/NONE	079SB-0075M-0001-SO	N	1	Beryllium	0.15 J	0.0091	0.12	0.1	MG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	079SB-0075M-0001-SO	N	1	Cadmium	0.14	0.016	0.12	0.1	MG/KG
SW6020/NONE	079SB-0075M-0001-SO	N	1	Calcium	8300 J	1.6	12	10	MG/KG
SW6020/NONE	079SB-0075M-0001-SO	N	1	Magnesium	3000	1.3	12	10	MG/KG
SW6020/NONE	079SB-0075M-0001-SO	N	1	Selenium	0.15 J	0.061	0.6	0.5	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	068SB-0035M-0001-SO	N	1	Mercury	0.015 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	068SB-0042M-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	068SB-0046M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	068SB-0047M-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	068SB-0051M-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	068SB-0059M-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0016M-0001-SO	N	1	Mercury	0.03 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0017M-0001-SO	N	1	Mercury	0.028 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0023M-0001-SO	N	1	Mercury	0.025 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0067-0001-SO	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	073SD-0045-0001-SD	N	1	Mercury	0.072 J	0.039	0.28	0.1	MG/KG
SW7471A/NONE	073SD-0046-0001-SD	N	1	Mercury	0.1 J	0.04	0.29	0.1	MG/KG
SW7471A/NONE	073SD-0047-0001-SD	N	1	Mercury	0.035 J	0.02	0.14	0.1	MG/KG
SW7471A/NONE	073SD-0048-0001-SD	FD	1	Mercury	0.032 J	0.023	0.16	0.1	MG/KG
SW7471A/NONE	073SD-0050-0001-SD	N	1	Mercury	0.041 J	0.022	0.16	0.1	MG/KG
SW7471A/NONE	079SB-0060M-0001-SO	N	1	Mercury	0.021 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0061M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0062M-0001-SO	N	1	Mercury	0.015 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0063M-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0067M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0069M-0001-SO	N	1	Mercury	0.12 U	0.016	0.12	0.1	MG/KG
SW7471A/NONE	079SB-0075M-0001-SO	N	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	068SB-0041M-0001-SO	N	1	Aldrin	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.73	2.5	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	alpha-Chlordane	3 U	0.94	3	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.82	2.5	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.87	3	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	Endrin Aldehyde	3 U	1	3	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	Endrin Ketone	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.74	2.5	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.8	2.5	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	Methoxychlor	5 UJ	1.5	5	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	p,p'-DDD	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	068SB-0041M-0001-SO	N	1	p,p'-DDT	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	Aldrin	4.1 U	1.2	4.1	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.74	2.5	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	alpha-Chlordane	3 U	0.95	3	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.83	2.5	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.1 U	1.2	4.1	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.88	3	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	Endrin Aldehyde	3 U	1	3	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	Endrin Ketone	2 U	0.64	2	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.75	2.5	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.81	2.5	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	Methoxychlor	5.1 UJ	1.5	5.1	1.7	UG/KG
SW8081/NONE	068SB-0046M-0001-SO	N	1	p,p'-DDD	2 U	0.63	2	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	068SB-0046M-0001-SO	N	1	p,p'-DDT	2 U	0.64	2	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	Aldrin	120 U	36	120	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	alpha-BHC (alpha-Hexachlorocyclohexane)	75 U	22	75	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	alpha-Chlordane	90 U	28	90	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	alpha-Endosulfan	51 U	16	51	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	beta-BHC (beta-Hexachlorocyclohexane)	110 U	33	110	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	beta-Endosulfan	75 U	25	75	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	delta-BHC (delta-Hexachlorocyclohexane)	120 U	36	120	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	Dieldrin	51 U	14	51	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	Endosulfan Sulfate	90 U	26	90	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	Endrin	51 U	15	51	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	Endrin Aldehyde	90 U	30	90	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	Endrin Ketone	60 U	19	60	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	gamma-BHC (Lindane)	75 U	22	75	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	gamma-Chlordane	51 U	13	51	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	Heptachlor	110 U	33	110	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	Heptachlor Epoxide	75 U	24	75	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	Methoxychlor	150 UJ	45	150	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	p,p'-DDD	60 U	19	60	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	p,p'-DDE	51 U	12	51	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	p,p'-DDT	60 U	19	60	1.7	UG/KG
SW8081/NONE	073SD-0050-0001-SD	N	20	Toxaphene	2000 UJ	570	2000	170	UG/KG
SW8081/NONE	073SW-0061-0001-SW	N	1	Aldrin	0.052 U	0.0085	0.052	0.03	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.052 U	0.0073	0.052	0.03	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	alpha-Chlordane	0.052 U	0.015	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	alpha-Endosulfan	0.052 U	0.014	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	beta-BHC (beta-Hexachlorocyclohexane)	0.052 U	0.0088	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	beta-Endosulfan	0.052 U	0.013	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	delta-BHC (delta-Hexachlorocyclohexane)	0.052 U	0.0091	0.052	0.05	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	073SW-0061-0001-SW	N	1	Dieldrin	0.052 U	0.0078	0.052	0.03	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	Endosulfan Sulfate	0.052 U	0.011	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	Endrin	0.052 U	0.011	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	Endrin Aldehyde	0.052 U	0.011	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	Endrin Ketone	0.052 U	0.0081	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	gamma-BHC (Lindane)	0.052 U	0.0067	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	gamma-Chlordane	0.052 U	0.013	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	Heptachlor	0.052 U	0.0083	0.052	0.03	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	Heptachlor Epoxide	0.052 U	0.0074	0.052	0.03	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	p,p'-DDD	0.052 U	0.01	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	p,p'-DDE	0.052 U	0.01	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	p,p'-DDT	0.052 U	0.017	0.052	0.05	UG/L
SW8081/NONE	073SW-0061-0001-SW	N	1	Toxaphene	2.1 UJ	0.33	2.1	2	UG/L
SW8081/NONE	079SB-0063M-0001-SO	N	1	Aldrin	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.72	2.5	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	alpha-Chlordane	3 U	0.93	3	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.86	3	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	Endrin Aldehyde	3 U	0.99	3	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	Endrin Ketone	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.73	2.5	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	Heptachlor	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.79	2.5	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	Methoxychlor	5 UJ	1.5	5	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	p,p'-DDD	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0063M-0001-SO	N	1	p,p'-DDT	2 U	0.63	2	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	Aldrin	4 U	1.2	4	1.7	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	079SB-0064M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.72	2.5	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	alpha-Chlordane	3 U	0.93	3	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.86	3	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	Endrin Aldehyde	3 U	0.99	3	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	Endrin Ketone	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.73	2.5	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.79	2.5	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	Methoxychlor	4.9 UJ	1.5	4.9	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	p,p'-DDD	2 U	0.61	2	1.7	UG/KG
SW8081/NONE	079SB-0064M-0001-SO	N	1	p,p'-DDT	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	Aldrin	4 UJ	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 UJ	0.74	2.5	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	alpha-Chlordane	3 UJ	0.95	3	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	beta-Endosulfan	2.5 UJ	0.83	2.5	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 UJ	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	Endosulfan Sulfate	3 UJ	0.88	3	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	Endrin Aldehyde	3 UJ	1	3	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	Endrin Ketone	2 UJ	0.64	2	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 UJ	0.75	2.5	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	Heptachlor Epoxide	2.5 UJ	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	Methoxychlor	5.1 UJ	1.5	5.1	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	p,p'-DDD	2 UJ	0.63	2	1.7	UG/KG
SW8081/NONE	079SB-0069M-0001-SO	N	1	p,p'-DDT	2 UJ	0.64	2	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	079SB-0071M-0001-SO	N	1	Aldrin	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.72	2.5	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	alpha-Chlordane	3 U	0.93	3	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 U	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.86	3	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	Endrin Aldehyde	3 U	0.99	3	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	Endrin Ketone	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.73	2.5	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.79	2.5	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	Methoxychlor	5 UJ	1.5	5	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	p,p'-DDD	2 U	0.61	2	1.7	UG/KG
SW8081/NONE	079SB-0071M-0001-SO	N	1	p,p'-DDT	2 U	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	Aldrin	4.1 U	1.2	4.1	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 U	0.74	2.5	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	alpha-Chlordane	3 U	0.95	3	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 U	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	beta-Endosulfan	2.5 U	0.83	2.5	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.1 U	1.2	4.1	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	Endosulfan Sulfate	3 U	0.88	3	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	Endrin Aldehyde	3 U	1	3	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	Endrin Ketone	2 U	0.64	2	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 U	0.75	2.5	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	Heptachlor Epoxide	2.5 U	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	Methoxychlor	5.1 UJ	1.5	5.1	1.7	UG/KG
SW8081/NONE	079SB-0074M-0001-SO	N	1	p,p'-DDD	2 U	0.63	2	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	079SB-0074M-0001-SO	N	1	p,p'-DDT	2 U	0.64	2	1.7	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	068SB-0033M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	068SB-0033M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	068SB-0033M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	068SB-0033M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	39 U	13	39	33	UG/KG
SW8082/NONE	068SB-0033M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0033M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0033M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0034M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	068SB-0034M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	068SB-0034M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	068SB-0034M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0034M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0034M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0034M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0035M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	068SB-0035M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	068SB-0035M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	068SB-0035M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	39 U	13	39	33	UG/KG
SW8082/NONE	068SB-0035M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0035M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0035M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0036M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0036M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	068SB-0036M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	068SB-0036M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	068SB-0036M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	068SB-0036M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0036M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0038M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0038M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	068SB-0038M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	068SB-0038M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	068SB-0038M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0038M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0038M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0039M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0039M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0039M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0039M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0039M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0039M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0039M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0040M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0040M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	068SB-0040M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	068SB-0040M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	068SB-0040M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0040M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0040M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0041M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0041M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0041M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0041M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0041M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0041M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	068SB-0041M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0042M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0042M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0042M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0042M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0042M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0042M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0042M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0044M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0044M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0044M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0044M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0044M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0044M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0044M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0045M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0045M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	068SB-0045M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	068SB-0045M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	068SB-0045M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0045M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0045M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0046M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0046M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	068SB-0046M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	068SB-0046M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	068SB-0046M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0046M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0046M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	068SB-0047M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0047M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	068SB-0047M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	068SB-0047M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	068SB-0047M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0047M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0047M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0048M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0048M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0048M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0048M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0048M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0048M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0048M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0050M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0050M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0050M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0050M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0050M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0050M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0050M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0051M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0051M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0051M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0051M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0051M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0051M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0051M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0052M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	068SB-0052M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	068SB-0052M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	068SB-0052M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	068SB-0052M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0052M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0052M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0053M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0053M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0053M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0053M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0053M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0053M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0053M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0054M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0054M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0054M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0054M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0054M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0054M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0054M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0056M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0056M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0056M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0056M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0056M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0056M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0056M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0057M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0057M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	068SB-0057M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	068SB-0057M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0057M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0057M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0057M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0059M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0059M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0059M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0059M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0059M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0059M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0059M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	073SD-0050-0001-SD	N	1	PCB-1016 (Arochlor 1016)	97 UJ	31	97	33	UG/KG
SW8082/NONE	073SD-0050-0001-SD	N	1	PCB-1221 (Arochlor 1221)	75 UJ	24	75	33	UG/KG
SW8082/NONE	073SD-0050-0001-SD	N	1	PCB-1232 (Arochlor 1232)	67 UJ	21	67	33	UG/KG
SW8082/NONE	073SD-0050-0001-SD	N	1	PCB-1242 (Arochlor 1242)	60 UJ	19	60	33	UG/KG
SW8082/NONE	073SD-0050-0001-SD	N	1	PCB-1248 (Arochlor 1248)	82 UJ	25	82	33	UG/KG
SW8082/NONE	073SD-0050-0001-SD	N	1	PCB-1254 (Arochlor 1254)	82 UJ	25	82	33	UG/KG
SW8082/NONE	073SD-0050-0001-SD	N	1	PCB-1260 (Arochlor 1260)	82 UJ	25	82	33	UG/KG
SW8082/NONE	073SW-0061-0001-SW	N	1	PCB-1016 (Arochlor 1016)	0.52 U	0.18	0.52	0.2	UG/L
SW8082/NONE	073SW-0061-0001-SW	N	1	PCB-1221 (Arochlor 1221)	0.52 U	0.14	0.52	0.2	UG/L
SW8082/NONE	073SW-0061-0001-SW	N	1	PCB-1232 (Arochlor 1232)	0.52 U	0.17	0.52	0.2	UG/L
SW8082/NONE	073SW-0061-0001-SW	N	1	PCB-1242 (Arochlor 1242)	0.52 U	0.23	0.52	0.2	UG/L
SW8082/NONE	073SW-0061-0001-SW	N	1	PCB-1248 (Arochlor 1248)	0.52 U	0.1	0.52	0.2	UG/L
SW8082/NONE	073SW-0061-0001-SW	N	1	PCB-1254 (Arochlor 1254)	0.52 U	0.17	0.52	0.2	UG/L
SW8082/NONE	073SW-0061-0001-SW	N	1	PCB-1260 (Arochlor 1260)	0.52 U	0.18	0.52	0.2	UG/L
SW8082/NONE	079SB-0063M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	079SB-0063M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	079SB-0063M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	079SB-0063M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	079SB-0063M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	079SB-0063M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	079SB-0063M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	079SB-0064M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	079SB-0064M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	079SB-0064M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	079SB-0064M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	079SB-0064M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	079SB-0064M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	079SB-0064M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	079SB-0069M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 UJ	21	66	33	UG/KG
SW8082/NONE	079SB-0069M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 UJ	16	51	33	UG/KG
SW8082/NONE	079SB-0069M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 UJ	14	46	33	UG/KG
SW8082/NONE	079SB-0069M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 UJ	13	40	33	UG/KG
SW8082/NONE	079SB-0069M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 UJ	17	56	33	UG/KG
SW8082/NONE	079SB-0069M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 UJ	17	56	33	UG/KG
SW8082/NONE	079SB-0069M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 UJ	17	56	33	UG/KG
SW8082/NONE	079SB-0071M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	079SB-0071M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	079SB-0071M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	079SB-0071M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	079SB-0071M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	079SB-0071M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	079SB-0071M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	079SB-0074M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	079SB-0074M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	079SB-0074M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	079SB-0074M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	079SB-0074M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	079SB-0074M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	079SB-0074M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	068SB-0041M-0001-SO	N	1	1,2-Dichloroethene	9.5 UJ	0.73	9.5	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	1,1,1-Trichloroethane	5.7 UJ	0.64	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.7 UJ	0.39	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	1,1,2-Trichloroethane	5.7 UJ	0.44	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	1,1-Dichloroethane	5.7 UJ	0.41	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	1,1-Dichloroethene	5.7 UJ	0.59	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.7 UJ	0.57	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	1,2-Dichloroethane	5.7 UJ	0.39	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	1,2-Dichloroethene	11 UJ	0.87	11	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	1,2-Dichloropropane	5.7 UJ	0.78	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	2-Butanone (MEK)	23 UJ	1.6	23	20	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	2-Hexanone	23 UJ	0.72	23	20	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	23 UJ	0.61	23	20	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Acetone	23 UJ	7.2	23	20	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Benzene	5.7 UJ	0.26	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Bromochloromethane	5.7 UJ	0.81	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Bromodichloromethane	5.7 UJ	0.32	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Bromoform	5.7 UJ	0.37	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Bromomethane	5.7 UJ	0.61	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Carbon Disulfide	5.7 UJ	0.5	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Carbon Tetrachloride	5.7 UJ	0.42	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Chlorobenzene	5.7 UJ	0.37	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Chloroethane	5.7 UJ	0.98	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Chloroform	5.7 UJ	0.33	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Chloromethane	5.7 UJ	0.47	5.7	5	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	068SB-0046M-0001-SO	N	1	cis-1,3-Dichloropropene	5.7 UJ	0.39	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Dibromochloromethane	5.7 UJ	0.62	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Ethylbenzene	5.7 UJ	0.3	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Methylene Chloride	5.7 UJ	0.76	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Styrene	5.7 UJ	0.17	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Tetrachloroethene (PCE)	5.7 UJ	0.59	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Toluene	5.7 UJ	0.31	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	trans-1,3-Dichloropropene	5.7 UJ	0.61	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Trichloroethene (TCE)	5.7 UJ	0.48	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Vinyl Chloride	5.7 UJ	0.44	5.7	5	UG/KG
SW8260B/NONE	068SB-0046M-0001-SO	N	1	Xylenes, Total	11 UJ	0.76	11	10	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	1,1,1-Trichloroethane	5.1 UJ	0.58	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.1 UJ	0.35	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	1,1,2-Trichloroethane	5.1 UJ	0.4	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	1,1-Dichloroethane	5.1 UJ	0.37	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	1,1-Dichloroethene	5.1 UJ	0.53	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.1 UJ	0.51	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	1,2-Dichloroethane	5.1 UJ	0.35	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	1,2-Dichloroethene	10 UJ	0.79	10	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	1,2-Dichloropropane	5.1 UJ	0.71	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	2-Butanone (MEK)	21 UJ	1.4	21	20	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	2-Hexanone	21 UJ	0.65	21	20	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 UJ	0.56	21	20	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Acetone	21 UJ	6.5	21	20	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Benzene	5.1 UJ	0.24	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Bromochloromethane	5.1 UJ	0.73	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Bromodichloromethane	5.1 UJ	0.29	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Bromoform	5.1 UJ	0.34	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Bromomethane	5.1 UJ	0.56	5.1	5	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Carbon Disulfide	5.1 UJ	0.45	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Carbon Tetrachloride	5.1 UJ	0.38	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Chlorobenzene	5.1 UJ	0.34	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Chloroethane	5.1 UJ	0.88	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Chloroform	5.1 UJ	0.3	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Chloromethane	5.1 UJ	0.42	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	cis-1,3-Dichloropropene	5.1 UJ	0.35	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Dibromochloromethane	5.1 UJ	0.57	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Ethylbenzene	5.1 UJ	0.27	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Methylene Chloride	5.1 UJ	0.69	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Styrene	5.1 UJ	0.15	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Tetrachloroethene (PCE)	5.1 UJ	0.53	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Toluene	5.1 UJ	0.28	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	trans-1,3-Dichloropropene	5.1 UJ	0.56	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Trichloroethene (TCE)	5.1 UJ	0.43	5.1	5	UG/KG
SW8260B/NONE	068SB-0057M-0001-SO	N	1	Vinyl Chloride	5.1 UJ	0.4	5.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	1,1,1-Trichloroethane	7.1 U	0.8	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	1,1,2,2-Tetrachloroethane	7.1 U	0.49	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	1,1,2-Trichloroethane	7.1 U	0.56	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	1,1-Dichloroethane	7.1 U	0.51	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	1,1-Dichloroethene	7.1 U	0.74	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	1,2-Dibromoethane (EDB)	7.1 U	0.71	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	1,2-Dichloroethane	7.1 U	0.49	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	1,2-Dichloroethene	14 U	1.1	14	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	1,2-Dichloropropane	7.1 U	0.98	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	2-Butanone (MEK)	2.7 J	2	29	20	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	2-Hexanone	29 U	0.9	29	20	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	4-Methyl-2-pentanone (MIBK)	29 U	0.77	29	20	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Acetone	29 U	9	29	20	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	073SD-0050-0001-SD	N	1	Benzene	7.1 U	0.33	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Bromochloromethane	7.1 U	1	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Bromodichloromethane	7.1 U	0.4	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Bromoform	7.1 U	0.47	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Bromomethane	7.1 U	0.77	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Carbon Disulfide	4.5 J	0.63	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Carbon Tetrachloride	7.1 U	0.53	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Chlorobenzene	7.1 U	0.47	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Chloroethane	7.1 U	1.2	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Chloroform	7.1 U	0.41	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Chloromethane	7.1 U	0.58	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	cis-1,3-Dichloropropene	7.1 U	0.49	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Dibromochloromethane	7.1 U	0.78	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Ethylbenzene	7.1 U	0.37	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Methylene Chloride	7.1 U	0.96	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Styrene	7.1 U	0.21	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Tetrachloroethene (PCE)	7.1 U	0.74	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Toluene	7.1 U	0.39	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	trans-1,3-Dichloropropene	7.1 U	0.77	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Trichloroethene (TCE)	7.1 U	0.6	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Vinyl Chloride	7.1 U	0.56	7.1	5	UG/KG
SW8260B/NONE	073SD-0050-0001-SD	N	1	Xylenes, Total	14 U	0.96	14	10	UG/KG
SW8260B/NONE	073SW-0057-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	073SW-0061-0001-SW	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	079SB-0063M-0001-SO	N	1	1,2-Dichloroethene	9.3 UJ	0.72	9.3	5	UG/KG
SW8260B/NONE	079SB-0064M-0001-SO	N	1	1,2-Dichloroethene	9.8 UJ	0.76	9.8	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	1,1,1-Trichloroethane	5.2 U	0.58	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	1,1,2-Trichloroethane	5.2 U	0.41	5.2	5	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079SB-0069M-0001-SO	N	1	1,1-Dichloroethane	5.2 U	0.37	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	1,1-Dichloroethene	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.2 U	0.52	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	1,2-Dichloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.8	10	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	1,2-Dichloropropane	5.2 U	0.72	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	2-Butanone (MEK)	21 U	1.5	21	20	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	2-Hexanone	21 U	0.66	21	20	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 U	0.56	21	20	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Acetone	21 U	6.6	21	20	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Benzene	5.2 U	0.24	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Bromochloromethane	5.2 U	0.74	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Bromodichloromethane	5.2 U	0.29	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Bromoform	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Bromomethane	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Carbon Disulfide	5.2 U	0.46	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Carbon Tetrachloride	5.2 U	0.39	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Chlorobenzene	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Chloroethane	5.2 U	0.9	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Chloroform	5.2 U	0.3	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Chloromethane	5.2 U	0.43	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	cis-1,3-Dichloropropene	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Dibromochloromethane	5.2 U	0.57	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Ethylbenzene	5.2 U	0.27	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Methylene Chloride	5.2 U	0.7	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Styrene	5.2 U	0.16	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Tetrachloroethene (PCE)	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Toluene	5.2 U	0.28	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	trans-1,3-Dichloropropene	5.2 U	0.56	5.2	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Trichloroethene (TCE)	5.2 U	0.44	5.2	5	UG/KG
SW8260B/NONE	079SB-0069M-0001-SO	N	1	Vinyl Chloride	5.2 U	0.41	5.2	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	1,1,1-Trichloroethane	5.1 U	0.57	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	1,1,2-Trichloroethane	5.1 U	0.4	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	1,1-Dichloroethane	5.1 U	0.37	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	1,1-Dichloroethene	5.1 U	0.53	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.1 U	0.51	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	1,2-Dichloroethane	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.79	10	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	1,2-Dichloropropane	5.1 U	0.71	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Benzene	5.1 U	0.24	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Bromochloromethane	5.1 U	0.73	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Bromodichloromethane	5.1 U	0.29	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Bromoform	5.1 U	0.34	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Bromomethane	5.1 U	0.55	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Carbon Disulfide	5.1 U	0.45	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Carbon Tetrachloride	5.1 U	0.38	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Chlorobenzene	5.1 U	0.34	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Chloroethane	5.1 U	0.88	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Chloroform	5.1 U	0.3	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Chloromethane	5.1 U	0.42	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	cis-1,3-Dichloropropene	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Dibromochloromethane	5.1 U	0.56	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Ethylbenzene	5.1 U	0.27	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Methylene Chloride	5.1 U	0.69	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Styrene	5.1 U	0.15	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Tetrachloroethene (PCE)	5.1 U	0.53	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Toluene	5.1 U	0.28	5.1	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079SB-0071M-0001-SO	N	1	trans-1,3-Dichloropropene	5.1 U	0.55	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Trichloroethene (TCE)	5.1 U	0.43	5.1	5	UG/KG
SW8260B/NONE	079SB-0071M-0001-SO	N	1	Vinyl Chloride	5.1 U	0.4	5.1	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	1,1,1-Trichloroethane	5.5 UJ	0.61	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.5 UJ	0.37	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	1,1,2-Trichloroethane	5.5 UJ	0.43	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	1,1-Dichloroethane	5.5 UJ	0.39	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	1,1-Dichloroethene	5.5 UJ	0.57	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.5 UJ	0.55	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	1,2-Dichloroethane	5.5 UJ	0.37	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	1,2-Dichloroethene	11 UJ	0.84	11	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	1,2-Dichloropropane	5.5 UJ	0.75	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	2-Butanone (MEK)	22 UJ	1.5	22	20	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	2-Hexanone	22 UJ	0.69	22	20	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	22 UJ	0.59	22	20	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Acetone	22 UJ	6.9	22	20	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Benzene	5.5 UJ	0.25	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Bromochloromethane	5.5 UJ	0.78	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Bromodichloromethane	5.5 UJ	0.31	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Bromoform	5.5 UJ	0.36	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Bromomethane	5.5 UJ	0.59	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Carbon Disulfide	5.5 UJ	0.48	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Carbon Tetrachloride	5.5 UJ	0.4	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Chlorobenzene	5.5 UJ	0.36	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Chloroethane	5.5 UJ	0.94	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Chloroform	5.5 UJ	0.32	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Chloromethane	5.5 UJ	0.45	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	cis-1,3-Dichloropropene	5.5 UJ	0.37	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Dibromochloromethane	5.5 UJ	0.6	5.5	5	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Ethylbenzene	5.5 UJ	0.28	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Methylene Chloride	5.5 UJ	0.73	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Styrene	5.5 UJ	0.16	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Tetrachloroethene (PCE)	5.5 UJ	0.57	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Toluene	5.5 UJ	0.3	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	trans-1,3-Dichloropropene	5.5 UJ	0.59	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Trichloroethene (TCE)	5.5 UJ	0.46	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Vinyl Chloride	5.5 UJ	0.43	5.5	5	UG/KG
SW8260B/NONE	079SB-0074M-0001-SO	N	1	Xylenes, Total	11 UJ	0.73	11	10	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0033M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0034M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0035M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0036M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0038M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0039M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0040M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0041M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0042M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0044M-0001-SO	N	1	Benzyl alcohol	340 UJ	21	340	330	UG/KG
SW8270C/NONE	068SB-0044M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	068SB-0044M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	068SB-0044M-0001-SO	N	1	Hexachlorocyclopentadiene	340 U	27	340	330	UG/KG
SW8270C/NONE	068SB-0045M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0046M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0047M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0048M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0050M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0051M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0052M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0053M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0054M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0056M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0057M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	068SB-0057M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0059M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	068SB-0059M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0016M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0017M-0001-SO	N	1	Cresols, m & p	390 U	20	390	300	UG/KG
SW8270C/NONE	073SB-0019M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0020M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0021M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0022M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0023M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0024M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	073SB-0067-0001-SO	N	1	Benzyl alcohol	80 J	24	380	330	UG/KG
SW8270C/NONE	073SB-0067-0001-SO	N	1	Carbazole	57 U	31	57	50	UG/KG
SW8270C/NONE	073SB-0067-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	073SB-0067-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	2,4-Dichlorophenol	380 U	51	380	330	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	2,4-Dimethylphenol	380 U	51	380	330	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	2,4-Dinitrophenol	840 U	200	840	800	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	2,4-Dinitrotoluene	510 U	69	510	330	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	2,6-Dinitrotoluene	510 U	54	510	330	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	2-Methylphenol (o-Cresol)	510 U	200	510	330	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	4-Chloro-3-Methylphenol	380 U	54	380	330	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	4-Chloroaniline	380 R	44	380	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SD-0045-0001-SD	N	1	4-Nitrophenol	840 U	200	840	800	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	Benzoic acid	1700 R	850	1700	800	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	Benzyl alcohol	260 J	54	840	330	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	Carbazole	130 U	69	130	50	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	Cresols, m & p	1000 U	51	1000	300	UG/KG
SW8270C/NONE	073SD-0045-0001-SD	N	1	Hexachlorocyclopentadiene	840 U	69	840	330	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	2,4,6-Trichlorophenol	400 U	210	400	330	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	2,4-Dichlorophenol	400 U	54	400	330	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	2,4-Dimethylphenol	400 U	54	400	330	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	2,4-Dinitrophenol	880 U	210	880	800	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	2,4-Dinitrotoluene	540 U	72	540	330	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	2,6-Dinitrotoluene	540 U	56	540	330	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	2-Methylphenol (o-Cresol)	540 U	210	540	330	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	4-Chloro-3-Methylphenol	400 U	56	400	330	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	4-Chloroaniline	400 U	46	400	330	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	4-Nitrophenol	880 U	210	880	800	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	Benzoic acid	1400 J	890	1800	800	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	Benzyl alcohol	880 UJ	56	880	330	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	Carbazole	130 U	72	130	50	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	Cresols, m & p	1100 U	54	1100	300	UG/KG
SW8270C/NONE	073SD-0046-0001-SD	N	1	Hexachlorocyclopentadiene	880 U	72	880	330	UG/KG
SW8270C/NONE	073SD-0047-0001-SD	N	1	Benzoic acid	990 R	500	990	800	UG/KG
SW8270C/NONE	073SD-0047-0001-SD	N	1	Benzyl alcohol	59 J	32	500	330	UG/KG
SW8270C/NONE	073SD-0047-0001-SD	N	1	Carbazole	75 U	41	75	50	UG/KG
SW8270C/NONE	073SD-0047-0001-SD	N	1	Cresols, m & p	600 U	30	600	300	UG/KG
SW8270C/NONE	073SD-0047-0001-SD	N	1	Hexachlorocyclopentadiene	500 U	41	500	330	UG/KG
SW8270C/NONE	073SD-0048-0001-SD	FD	1	Benzoic acid	1000 R	510	1000	800	UG/KG
SW8270C/NONE	073SD-0048-0001-SD	FD	1	Benzyl alcohol	150 J	32	510	330	UG/KG
SW8270C/NONE	073SD-0048-0001-SD	FD	1	Carbazole	77 U	41	77	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SD-0048-0001-SD	FD	1	Cresols, m & p	610 U	31	610	300	UG/KG
SW8270C/NONE	073SD-0048-0001-SD	FD	1	Hexachlorocyclopentadiene	510 U	41	510	330	UG/KG
SW8270C/NONE	073SD-0050-0001-SD	N	1	Benzoic acid	990 R	500	990	800	UG/KG
SW8270C/NONE	073SD-0050-0001-SD	N	1	Benzyl alcohol	500 U	32	500	330	UG/KG
SW8270C/NONE	073SD-0050-0001-SD	N	1	Carbazole	75 U	41	75	50	UG/KG
SW8270C/NONE	073SD-0050-0001-SD	N	1	Cresols, m & p	600 U	30	600	300	UG/KG
SW8270C/NONE	073SD-0050-0001-SD	N	1	Hexachlorocyclopentadiene	500 U	41	500	330	UG/KG
SW8270C/NONE	073SW-0056-0001-SW	N	1	1,4-Dichlorobenzene	1.1 U	0.36	1.1	1	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	2,4,5-Trichlorophenol	5.3 U	0.32	5.3	5	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	2,4,6-Trichlorophenol	5.3 U	0.85	5.3	5	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	3,3'-Dichlorobenzidine	5.3 R	0.39	5.3	5	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Benzo(a)anthracene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Benzo(a)pyrene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Benzo(b)fluoranthene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Benzo(k)fluoranthene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Benzoic acid	27 R	11	27	25	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.1 U	0.11	1.1	1	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Dibenz(a,h)anthracene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Hexachlorobenzene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Hexachlorobutadiene	1.1 U	0.29	1.1	1	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Hexachlorocyclopentadiene	11 R	0.85	11	10	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Indeno(1,2,3-c,d)pyrene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	073SW-0056-0001-SW	N	1	Pentachlorophenol	5.3 U	2.6	5.3	5	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	2,4,5-Trichlorophenol	5.2 U	0.31	5.2	5	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	2,4,6-Trichlorophenol	5.2 U	0.83	5.2	5	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	3,3'-Dichlorobenzidine	5.2 U	0.39	5.2	5	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	Benzo(a)anthracene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	Benzo(a)pyrene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	Benzo(b)fluoranthene	0.21 U	0.1	0.21	0.2	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SW-0058-0001-SW	N	1	Benzo(k)fluoranthene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	Benzoic acid	26 R	10	26	25	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	Dibenz(a,h)anthracene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	Hexachlorobenzene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	Indeno(1,2,3-c,d)pyrene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0058-0001-SW	N	1	Pentachlorophenol	5.2 U	2.5	5.2	5	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	1,4-Dichlorobenzene	1.1 U	0.37	1.1	1	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	2,4,5-Trichlorophenol	5.4 U	0.32	5.4	5	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	2,4,6-Trichlorophenol	5.4 U	0.86	5.4	5	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	3,3'-Dichlorobenzidine	5.4 U	0.4	5.4	5	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Benzo(a)anthracene	0.22 U	0.11	0.22	0.2	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Benzo(a)pyrene	0.22 U	0.11	0.22	0.2	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Benzo(b)fluoranthene	0.22 U	0.11	0.22	0.2	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Benzo(k)fluoranthene	0.22 U	0.11	0.22	0.2	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Benzoic acid	27 R	11	27	25	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.1 U	0.11	1.1	1	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Dibenz(a,h)anthracene	0.22 U	0.11	0.22	0.2	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Hexachlorobenzene	0.22 U	0.11	0.22	0.2	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Hexachlorobutadiene	1.1 U	0.29	1.1	1	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Hexachlorocyclopentadiene	11 R	0.86	11	10	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Indeno(1,2,3-c,d)pyrene	0.22 U	0.11	0.22	0.2	UG/L
SW8270C/NONE	073SW-0059-0001-SW	N	1	Pentachlorophenol	5.4 U	2.6	5.4	5	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	2,4,5-Trichlorophenol	5.2 U	0.31	5.2	5	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	2,4,6-Trichlorophenol	5.2 U	0.82	5.2	5	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	3,3'-Dichlorobenzidine	5.2 U	0.38	5.2	5	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	Benzo(a)anthracene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	Benzo(a)pyrene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	Benzo(b)fluoranthene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	Benzo(k)fluoranthene	0.21 U	0.1	0.21	0.2	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Reporting Anomalies**

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SW-0061-0001-SW	N	1	Benzoic acid	26 R	10	26	25	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	Dibenz(a,h)anthracene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	Hexachlorobenzene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	Indeno(1,2,3-c,d)pyrene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0061-0001-SW	N	1	Pentachlorophenol	5.2 U	2.5	5.2	5	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	2,4,5-Trichlorophenol	5.2 U	0.31	5.2	5	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	2,4,6-Trichlorophenol	5.2 U	0.83	5.2	5	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	3,3'-Dichlorobenzidine	5.2 U	0.39	5.2	5	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	Benzo(a)anthracene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	Benzo(a)pyrene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	Benzo(b)fluoranthene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	Benzo(k)fluoranthene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	Benzoic acid	26 R	10	26	25	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	Dibenz(a,h)anthracene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	Hexachlorobenzene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	Indeno(1,2,3-c,d)pyrene	0.21 U	0.1	0.21	0.2	UG/L
SW8270C/NONE	073SW-0067-0001-SW	N	1	Pentachlorophenol	5.2 U	2.5	5.2	5	UG/L
SW8270C/NONE	079SB-0063M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	079SB-0063M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	079SB-0064M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	079SB-0069M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	079SB-0071M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	079SB-0074M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	073SW-0061-0001-SW	N	1	2,4-Dinitrotoluene	0.11 U	0.057	0.11	0.1	UG/L
SW8330B/NONE	073SW-0061-0001-SW	N	1	2,6-Dinitrotoluene	0.11 U	0.057	0.11	0.1	UG/L
SW8330B/NONE	073SW-0061-0001-SW	N	1	2-Amino-4,6-dinitrotoluene	0.23 U	0.017	0.23	0.2	UG/L
SW8330B/NONE	073SW-0061-0001-SW	N	1	2-Nitrotoluene	0.57 U	0.1	0.57	0.2	UG/L
SW8330B/NONE	073SW-0061-0001-SW	N	1	3-Nitrotoluene	0.57 U	0.065	0.57	0.2	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

## AUTOMATED DATA REVIEW SUMMARY for 240-22648-1

### Reporting Anomalies

SDG Name: 240-22648-1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	073SW-0061-0001-SW	N	1	4-Nitrotoluene	0.57 U	0.1	0.57	0.2	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Worksheet**

SDG Name: 240-22648-1

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a duplicate sample prepared and analyzed with each batch?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Method:** SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			1. MB 180-68743/1-A: Ag and Pb were detected above the MDL but below the RL. 2. CCB2-05/01/2013 and CCB3-5/02/2013: Al, Ca, Co, Mn, and Mg. 3. MB 180-68756/1-A: Ba, Ca, and Co were detected above the MDL but below the RL. 4. MB 180-69965/1-A: Ba, Ca, and Mn were detected above the MDL but below the RL. 5. MB 180-68853/1-A: Ba, Ca, and Sb were detected above the MDL but below the RL.
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	•			
Was the ICS recovery within QAPP acceptance limits?	•			
If a field duplicate was analyzed, were the RPDs within criteria?	•			
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			MS and Laboratory duplicate were analyzed with each preparation batch.
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?		•		1. 240-22648-10 (Batch: 68756): MS:Sb recovered below the control limits. Duplicate: Mn RPD: 43% (>35%). 2. 240-22648-27 (Batch: 68762): Sb recovered below the control limits. 240-22648-37 (68762): Ca recovered above the control limits, Sb recovered below the control limits. 240-22648-39 (68853): Ca recovered above the control limits, Sb recovered below the control limits. 240-22648-15 (Batch: 68743): Duplicate: Ag RPD: 52% (>20%).

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

<b>Method: SW6020</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Was a serial dilution prepared and analyzed with each batch?	•			
Was the serial dilution within QAPP acceptance limits?		•		1. 240-22648-10 (Batch: 68756); ZN %D= 11%. 2. 240-22648-27 (Batch: 68762): Be %D= 18% and Zn %D= 11%. 240-22648-37 (68762): Be %D=20%. 240-22648-39 (68853): Zn %D=12%.
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
<b>Method: SW7470A</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

<b>Method: SW7470A</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
<b>Method: SW7471A</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?	•			
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?	•			



**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

<b>Method: SW7471A</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
<b>Method: SW8081</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?		•		Sample 240-22648-36 was re-extracted outside the holding time due to low TCMX surrogate recovery in the initial analysis.
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?		•		Toxaphene %D=38,9%
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?		•		CCV 240-82129/26: Methodchlor %D=27.7%. CCV 240-82129/50: Heptachlor %D=21.3% and Methoxychlor %D=25.6%
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			240-22648-36I TCMX recovered low in the initial analysis.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Method:** SW8081

Review Questions	Yes	No	NA	Comment
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		•		240-22648-36-RE: 4,4'-DDE, alpha-Chlordne, Dieldrin, Endrin Ketone, gamma Chlordane, and Heptachlor epoxide were recovered below the control limits.
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?		•		Sample 240-22648-53: Alpha-BHC RPD was 103%. False Positive.
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				

**Method:** SW8082

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?		•		Samples 240-22648-13 and 36 were re-extracted outside the holding time due to low surrogate recovery in the initial analysis.
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			15%
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			15%
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Method:** SW8082

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were surrogate recoveries within QAPP acceptance limits?	•			Samples 240-22648-13, and 36: Surrogate recovered below the control limits in the initial analysis.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?			•	All PCBs were reported as non-detects.
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				

**Method:** SW8260B

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Method:** SW8260B

Review Questions	Yes	No	NA	Comment
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			1. MB 240-80741/30: Acetone and Methylene chloride were detected above the MDL but below the RL. 2. MB 240-80954/7: Carbon disulfide was detected above the MDL but below the RL. Methylene chloride was detected above the RL
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•			
Were target analytes reported in the field blank analyses above the MDL?				073SW-0057-0001-TB: Acetone was detected above the MDL but below the RL. Methylene chloride was detected above the RL.
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•			LCS analyzed with each analytical batch.
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?			•	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Method: SW8260B**

Review Questions	Yes	No	NA	Comment
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were surrogate recoveries within QAPP acceptance limits?		•		1. Sample -13: 4-BFB recovered above control limits. All positive detected qualified (J). 2. Samples -29, 30, 40, and 53 : Toluene-d8 and 4 -BFB recovered below the control limits. All non-detects qualified (UJ). 3. Sample -43: 4-BFB recovered below the control limits. All non-detects qualified (UJ).
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			

**Method: SW8270C**

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Method:** SW8270C

Review Questions	Yes	No	NA	Comment
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			1. MB 240-81290/19-A: Bis (2-ethylhexyl)phthalate and Di-n-butyl phthalate were detected above the MDL but below the RL.2. MB 240-81308/21-A: Bis (2-ethylhexyl) phthalate was detected above the MDL but below the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was extracted with preparation batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?		•		1. LCS 240-80545/21-A and LCS 240-80547/11-A: Benzoic acid was not recovered, Hexachlorocyclopentadiene recovered below 10%. These compounds were qualified (R) in the following sample (s): 15.16,17,18, and 21. 2 LCS 240-81290/20-A: Benzoic acid was not recovered. Benzoic acid was qualified (R) in the following samples: 1-6, 9, 11-13. 3. LCS 240-81333/24-A: Benzoic acid was not recovered. Benzoic acid in the following samples qualified (R): 7-8, 14, 29-30, 36, 38, 40-43. 4.LCS 240-81541/19-A: Benzoic acid was not recovered. Benzoic acid in the following sample qualified (R): 45
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

<b>Method: SW8270C</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		•		240-22648-10: 4-Chloroaniline and 3,3'-Dichlorobenzidine were not recovered., 3-Nitroaniline %R was <10%. These compounds were qualified (R) in the native sample. 240-22648-15: 3,3'-Dichlorobenzidine was recovered below 10%. This compound was qualified (R) in the native sample. 240-22648-61: Benzoic acid was not recovered in the MS. This compound was qualified (R) in the native sample.
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			
<b>Method: SW8330B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22648-1**

**Method:** SW8330B

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?		•		1. Sample 240-22648-13: Nitroguanidine was not confirmed on column Hydro RP80. 2. MB 320-14065/1-A: Tetryl was not detected on the primary column ,however it was detected on the confirmation column . These compounds were false positive.
Did PDA spectra for reported compounds match associated standard spectra?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			



**WORKSHEET 4**

**Automated Data Review Summary for 240-22663-1**

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**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Facility:** Ravenna Army Ammunition Plant

**Event:** Spring 2013 RI/SI Sampling Event

**Guidance Document:** Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

**Contract Laboratory:** TestAmerica, Inc., North Canton, OH

**Field Contractor:** Environmental Chemical Corporation, Otis Ang Base, MA

**Data Review Contractor:** ECC

**SDG:** 240-22663-1\_68,70,73,79\_SB, Certified - 6/13/2013 by frederickcroche

**QC Level:** ADR

**Project Manager:** Al Easterday

**Data Reviewer:** Samir A. Naguib

**Data Reviewer Title:** Sr. QA Chemist

**Date of Review Report:** June 17, 2013

**Samples Included in SDG 240-22663-1\_68,70,73,79\_SB**

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	5		0	
SW6020/NONE	36		5	
SW7471A/NONE	36		5	
SW8081/NONE	6		0	
SW8082/NONE	17		1	
SW8260B/NONE	5	1	0	0
SW8270C/NONE	17		1	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8330B/NONE	5		0	

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-22663-1\_68,70,73,79\_SB. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

Field Blank

Initial Calibration Verification

Lab Replicate RPD

LCS RPD

Material Blank

Trip Blank

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

**Batch** – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

**QC Outlier** – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

**Qualified Results** – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

**Rejected Results** – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

**Field Duplicates** – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

**Data Submission Warnings** – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 362 results (13.49%) out of the 2684 results (sample and field QC samples) reported are qualified based on review and 20 results (0.75%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

### Narrative Comments

Site 68,70,73, 79

Analytical Method	Comment
E353.2	
SW6020	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

SW8081	
SW8082	
SW8260B	
SW8270C	
SW7471A	
SW8330B	

17-Jun-2013

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Reviewed by Samir A. Naguib, Sr. QA Chemist



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reason and Comment Code Definitions**

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB

### Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
14914	14752	NA	LABQC	SQ	LABQC	MB 320-14670/1-B		1/1	22-Apr-2013 6:13 AM	22-Apr-2013 6:13 AM	23-Apr-2013 12:45 PM	LB
	14752	NA	LABQC	SQ	LABQC	LCS 320-14670/2-B		1/1	22-Apr-2013 6:13 AM	22-Apr-2013 6:13 AM	23-Apr-2013 12:47 PM	BS
	14752	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0001-SO	240-22663-4		1/1	01-Apr-2013 10:12 AM	22-Apr-2013 6:13 AM	23-Apr-2013 1:13 PM	N
	14752	NA	79-2ASA-DU1-SB4	SO	079SB-0017M-0001-SO	240-22663-7		1/1	01-Apr-2013 9:24 AM	22-Apr-2013 6:13 AM	23-Apr-2013 1:15 PM	N
	14752	NA	73-U16-DU1-SB3	SO	073SB-0041M-0001-SO	240-22663-17		1/1	01-Apr-2013 1:03 PM	22-Apr-2013 6:13 AM	23-Apr-2013 1:17 PM	N
	14752	NA	79-2ASA-DU2-SB3	SO	079SB-0026M-0001-SO	240-22663-26		1/1	01-Apr-2013 10:37 AM	22-Apr-2013 6:13 AM	23-Apr-2013 1:19 PM	N
	14752	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001-SO	240-22663-28		1/1	01-Apr-2013 10:43 AM	22-Apr-2013 6:13 AM	23-Apr-2013 1:21 PM	N

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70845	69114	NA	LABQC	SQ	LABQC	MB 180-69114/1-A		1/1	15-Apr-2013 8:11 AM	15-Apr-2013 8:11 AM	04-May-2013 10:15 PM	LB
	69114	NA	LABQC	SQ	LABQC	LCS 180-69114/2-A		1/1	15-Apr-2013 8:11 AM	15-Apr-2013 8:11 AM	04-May-2013 10:23 PM	BS
	69114	NA	79-2ASA-DU1-SB	SO	079SB-0010M-0001-SO	240-22663-1		1/1	01-Apr-2013 10:07 AM	15-Apr-2013 8:11 AM	04-May-2013 10:32 PM	N
	69114	NA	79-2ASA-DU1-SB	SO	079SB-0011M-0001-SO	240-22663-2		1/1	01-Apr-2013 10:07 AM	15-Apr-2013 8:11 AM	04-May-2013 10:40 PM	FD
	69114	NA	79-2ASA-DU1-SB	SO	079SB-0013M-0001-SO	240-22663-3		1/1	01-Apr-2013 10:09 AM	15-Apr-2013 8:11 AM	04-May-2013 10:48 PM	N
	69114	NA	79-2ASA-DU1-SB2	SO	079SB-0015M-0001-SO	240-22663-5		1/1	01-Apr-2013 12:00 AM	15-Apr-2013 8:11 AM	04-May-2013 10:56 PM	N
	69114	NA	79-2ASA-DU1-SB2	SO	079SB-0015M-0001-SO	240-22663-5		1/1	01-Apr-2013 10:01 AM	15-Apr-2013 8:11 AM	04-May-2013 10:56 PM	N
	69114	NA	79-2ASA-DU1-SB2	SO	079SB-0015M-0002-SO	240-22663-5		1/1	01-Apr-2013 10:01 AM	15-Apr-2013 8:11 AM	04-May-2013 11:21 PM	MS
	69114	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0001-SO	240-22663-4		1/1	01-Apr-2013 10:12 AM	15-Apr-2013 8:11 AM	04-May-2013 11:53 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

Test Method: SW6020; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70845	69114	NA	79-2ASA-DU1-SB3	SO	079SB-0016M-0001-SO	240-22663-6		1/1	01-Apr-2013 9:15 AM	15-Apr-2013 8:11 AM	05-May-2013 12:02 AM	N
	69114	NA	79-2ASA-DU1-SB4	SO	079SB-0017M-0001-SO	240-22663-7		1/1	01-Apr-2013 9:24 AM	15-Apr-2013 8:11 AM	05-May-2013 12:10 AM	N
	69114	NA	79-2ASA-DU1-SB4	SO	079SB-0020M-0001-SO	240-22663-8		1/1	01-Apr-2013 9:24 AM	15-Apr-2013 8:11 AM	05-May-2013 12:18 AM	FD
	69114	NA	79-2ASA-DU1-SB5	SO	079SB-0019M-0001-SO	240-22663-9		1/1	01-Apr-2013 9:45 AM	15-Apr-2013 8:11 AM	05-May-2013 12:26 AM	N
	69114	NA	73-U16-DU1-SS	SO	073SS-0035M-0001-SO	240-22663-11		1/1	01-Apr-2013 2:20 PM	15-Apr-2013 8:11 AM	05-May-2013 12:34 AM	N
	69114	NA	73-U16-DU1-SB	SO	073SB-0036M-0001-SO	240-22663-12		1/1	01-Apr-2013 1:45 PM	15-Apr-2013 8:11 AM	05-May-2013 12:42 AM	N
	69114	NA	73-U16-DU1-SB	SO	073SB-0037M-0001-SO	240-22663-13		1/1	01-Apr-2013 1:50 PM	15-Apr-2013 8:11 AM	05-May-2013 12:51 AM	N
	69114	NA	73-U16-DU1-SB1	SO	073SB-0038M-0001-SO	240-22663-14		1/1	01-Apr-2013 12:40 PM	15-Apr-2013 8:11 AM	05-May-2013 12:59 AM	N
	69114	NA	73-U16-DU1-SB1	SO	073SB-0039M-0001-SO	240-22663-15		1/1	01-Apr-2013 12:40 AM	15-Apr-2013 8:11 AM	05-May-2013 1:07 AM	FD
	69160	NA	LABQC	SQ	LABQC	MB 180-69160/1-A		1/1	15-Apr-2013 12:19 PM	15-Apr-2013 12:19 PM	05-May-2013 1:32 AM	LB
	69160	NA	LABQC	SQ	LABQC	LCS 180-69160/2-A		1/1	15-Apr-2013 12:19 PM	15-Apr-2013 12:19 PM	05-May-2013 1:40 AM	BS
	69160	NA	73-U16-DU1-SB2	SO	073SB-0040M-0001-SO	240-22663-16		1/1	01-Apr-2013 12:53 PM	15-Apr-2013 12:19 PM	05-May-2013 1:48 AM	N
	69160	NA	73-U16-DU1-SB2	SO	073SB-0040M-0002-SO-MS	240-22663-16		1/1	01-Apr-2013 12:53 PM	15-Apr-2013 12:19 PM	05-May-2013 2:13 AM	MS
	69160	NA	73-U16-DU1-SB3	SO	073SB-0041M-0001-SO	240-22663-17		1/1	01-Apr-2013 1:03 PM	15-Apr-2013 12:19 PM	05-May-2013 2:29 AM	N
	69160	NA	73-U16-DU1-SB4	SO	073SB-0042M-0001-SO	240-22663-18		1/1	01-Apr-2013 1:51 PM	15-Apr-2013 12:19 PM	05-May-2013 2:37 AM	N
	69160	NA	73-U16-DU1-SB5	SO	073SB-0043M-0001-SO	240-22663-19		1/1	01-Apr-2013 1:24 PM	15-Apr-2013 12:19 PM	05-May-2013 2:46 AM	N
	69160	NA	73-U16-DU1-SB5	SO	073SB-0044-0001-SO	240-22663-20		1/1	01-Apr-2013 1:29 PM	15-Apr-2013 12:19 PM	05-May-2013 3:10 AM	N
	69160	NA	79-2ASA-DU2-SB	SO	079SB-0021M-0001-SO	240-22663-21		1/1	01-Apr-2013 11:21 AM	15-Apr-2013 12:19 PM	05-May-2013 3:18 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

Test Method: SW6020; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70845	69160	NA	79-2ASA-DU2-SB	SO	079SB-0022M-0001-SO	240-22663-22		1/1	01-Apr-2013 11:24 AM	15-Apr-2013 12:19 PM	05-May-2013 3:27 AM	N
	69160	NA	79-2ASA-DU2-SB	SO	079SB-0023M-0001-SO	240-22663-23		1/1	01-Apr-2013 11:24 AM	15-Apr-2013 12:19 PM	05-May-2013 3:35 AM	FD
	69160	NA	79-2ASA-DU2-SB2	SO	079SB-0025M-0001-SO	240-22663-25		1/1	01-Apr-2013 10:23 AM	15-Apr-2013 12:19 PM	05-May-2013 3:43 AM	N
	69160	NA	79-2ASA-DU2-SB3	SO	079SB-0026M-0001-SO	240-22663-26		1/1	01-Apr-2013 10:37 AM	15-Apr-2013 12:19 PM	05-May-2013 3:51 AM	N
	69160	NA	79-2ASA-DU2-SB4	SO	079SB-0027M-0001-SO	240-22663-27		1/1	01-Apr-2013 11:12 AM	15-Apr-2013 12:19 PM	05-May-2013 4:00 AM	N
	69160	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001-SO	240-22663-28		1/1	01-Apr-2013 10:43 AM	15-Apr-2013 12:19 PM	05-May-2013 4:08 AM	N
	69260	NA	LABQC	SQ	LABQC	MB 180-69260/1-A		1/1	16-Apr-2013 11:32 AM	16-Apr-2013 11:32 AM	05-May-2013 4:16 AM	LB
	69260	NA	LABQC	SQ	LABQC	LCS 180-69260/2-A		1/1	16-Apr-2013 11:32 AM	16-Apr-2013 11:32 AM	05-May-2013 4:24 AM	BS
	69260	NA	79-2ASA-DU2-SB1	SO	079SB-0024M-0001-SO	240-22663-24		1/1	01-Apr-2013 11:29 AM	16-Apr-2013 11:32 AM	05-May-2013 4:49 AM	N
	69260	NA	79-2ASA-DU2-SB1	SO	079SB-0024M-0002-SO	240-22663-24		1/1	01-Apr-2013 11:29 AM	16-Apr-2013 11:32 AM	05-May-2013 5:14 AM	MS
	69260	NA	79-2ASA-DU2-SB5	SO	079SB-0029M-0001-SO	240-22663-29		1/1	01-Apr-2013 10:55 AM	16-Apr-2013 11:32 AM	05-May-2013 5:30 AM	N
	69260	NA	68-ESSW-DU1-SB	SO	068SB-0017M-0001-SO	240-22663-31		1/1	29-Mar-2013 3:42 PM	16-Apr-2013 11:32 AM	05-May-2013 5:38 AM	N
	69260	NA	68-ESSW-DU1-SB	SO	068SB-0018M-0001-SO	240-22663-32		1/1	29-Mar-2013 3:43 PM	16-Apr-2013 11:32 AM	05-May-2013 5:47 AM	N
	69260	NA	68-ESSW-DU1-SB1	SO	068SB-0019M-0001-SO	240-22663-33		1/1	29-Mar-2013 3:21 PM	16-Apr-2013 11:32 AM	05-May-2013 5:55 AM	N
	69260	NA	68-ESSW-DU1-SB1	SO	068SB-0022M-0001-SO	240-22663-34		1/1	29-Mar-2013 3:21 PM	16-Apr-2013 11:32 AM	05-May-2013 6:03 AM	FD
	69260	NA	68-ESSW-DU1-SB2	SO	068SB-0020M-0001-SO	240-22663-35		1/1	29-Mar-2013 3:50 PM	16-Apr-2013 11:32 AM	05-May-2013 6:28 AM	N
	69260	NA	68-ESSW-DU1-SB3	SO	068SB-0023M-0001-SO	240-22663-36		1/1	29-Mar-2013 2:40 PM	16-Apr-2013 11:32 AM	05-May-2013 6:36 AM	N
	69260	NA	68-ESSW-DU1-SB4	SO	068SB-0024M-0001-SO	240-22663-37		1/1	29-Mar-2013 2:20 PM	16-Apr-2013 11:32 AM	05-May-2013 6:44 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70845	69260	NA	68-ESSW-DU1-SB5	SO	068SB-0025M-0001-SO	240-22663-38		1/1	29-Mar-2013 2:45 PM	16-Apr-2013 11:32 AM	05-May-2013 6:52 AM	N
	69260	NA	68-ESSW-DU1-SB1	SO	068SB-0032M-0001-SO	240-22663-39		1/1	29-Mar-2013 3:30 PM	16-Apr-2013 11:32 AM	05-May-2013 7:01 AM	N
	69260	NA	68-ESSW-DU2-SB	SO	068SB-0027M-0001-SO	240-22663-40		1/1	29-Mar-2013 2:00 PM	16-Apr-2013 11:32 AM	05-May-2013 7:09 AM	N
	69260	NA	68-ESSW-DU2-SB	SO	068SB-0028M-0001-SO	240-22663-41		1/1	29-Mar-2013 2:02 PM	16-Apr-2013 11:32 AM	05-May-2013 7:17 AM	N
	69260	NA	68-ESSW-DU2-SB3	SO	068SB-0030M-0001-SO	240-22663-43		1/1	29-Mar-2013 2:05 PM	16-Apr-2013 11:32 AM	05-May-2013 7:26 AM	N
	69260	NA	68-ESSW-DU2-SB5	SO	068SB-0031M-0001-SO	240-22663-44		1/1	29-Mar-2013 1:44 PM	16-Apr-2013 11:32 AM	05-May-2013 7:34 AM	N

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82289	81976	NA	LABQC	SQ	LABQC	MB 240-81976/1-A		1/1	15-Apr-2013 4:00 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:04 PM	LB
	81976	NA	LABQC	SQ	LABQC	LCS 240-81976/2-A		1/1	15-Apr-2013 4:00 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:06 PM	BS
	81976	NA	79-2ASA-DU1-SB2	SO	079SB-0015M-0001-SO	240-22663-5		1/1	01-Apr-2013 10:01 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:10 PM	N
	81976	NA	79-2ASA-DU1-SB2	SO	079SB-0015M-0002-SO	240-22663-5		1/1	01-Apr-2013 10:01 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:11 PM	MS
	81976	NA	73-U16-DU1-SB2	SO	073SB-0040M-0001-SO	240-22663-16		1/1	01-Apr-2013 12:53 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:15 PM	N
	81976	NA	73-U16-DU1-SB2	SO	073SB-0040M-0002-SO-MS	240-22663-16		1/1	01-Apr-2013 12:53 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:17 PM	MS
	81976	NA	79-2ASA-DU1-SB	SO	079SB-0010M-0001-SO	240-22663-1		1/1	01-Apr-2013 10:07 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:21 PM	N
	81976	NA	79-2ASA-DU1-SB	SO	079SB-0011M-0001-SO	240-22663-2		1/1	01-Apr-2013 10:07 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:22 PM	FD
	81976	NA	79-2ASA-DU1-SB	SO	079SB-0013M-0001-SO	240-22663-3		1/1	01-Apr-2013 10:09 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:24 PM	N
	81976	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0001-SO	240-22663-4		1/1	01-Apr-2013 10:12 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:29 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

**Test Method: SW7471A; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82289	81976	NA	79-2ASA-DU1-SB3	SO	079SB-0016M-0001-SO	240-22663-6		1/1	01-Apr-2013 9:15 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:31 PM	N
	81976	NA	79-2ASA-DU1-SB4	SO	079SB-0017M-0001-SO	240-22663-7		1/1	01-Apr-2013 9:24 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:32 PM	N
	81976	NA	79-2ASA-DU1-SB4	SO	079SB-0020M-0001-SO	240-22663-8		1/1	01-Apr-2013 9:24 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:33 PM	FD
	81976	NA	79-2ASA-DU1-SB5	SO	079SB-0019M-0001-SO	240-22663-9		1/1	01-Apr-2013 9:45 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:36 PM	N
	81976	NA	73-U16-DU1-SS	SO	073SS-0035M-0001-SO	240-22663-11		1/1	01-Apr-2013 2:20 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:37 PM	N
	81976	NA	73-U16-DU1-SB	SO	073SB-0036M-0001-SO	240-22663-12		1/1	01-Apr-2013 1:45 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:40 PM	N
	81976	NA	73-U16-DU1-SB	SO	073SB-0037M-0001-SO	240-22663-13		1/1	01-Apr-2013 1:50 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:41 PM	N
	81976	NA	73-U16-DU1-SB1	SO	073SB-0038M-0001-SO	240-22663-14		1/1	01-Apr-2013 12:40 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:42 PM	N
	81976	NA	73-U16-DU1-SB1	SO	073SB-0039M-0001-SO	240-22663-15		1/1	01-Apr-2013 12:40 AM	15-Apr-2013 4:00 PM	16-Apr-2013 12:43 PM	FD
	81976	NA	73-U16-DU1-SB3	SO	073SB-0041M-0001-SO	240-22663-17		1/1	01-Apr-2013 1:03 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:48 PM	N
	81976	NA	73-U16-DU1-SB4	SO	073SB-0042M-0001-SO	240-22663-18		1/1	01-Apr-2013 1:51 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:49 PM	N
	81976	NA	73-U16-DU1-SB5	SO	073SB-0043M-0001-SO	240-22663-19		1/1	01-Apr-2013 1:24 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:51 PM	N
	81976	NA	73-U16-DU1-SB5	SO	073SB-0044-0001-SO	240-22663-20		1/1	01-Apr-2013 1:29 PM	15-Apr-2013 4:00 PM	16-Apr-2013 12:53 PM	N
82449	82179	NA	LABQC	SQ	LABQC	MB 240-82179/1-A		1/1	16-Apr-2013 3:50 PM	16-Apr-2013 3:50 PM	17-Apr-2013 9:28 AM	LB
	82179	NA	LABQC	SQ	LABQC	LCS 240-82179/2-A		1/1	16-Apr-2013 3:50 PM	16-Apr-2013 3:50 PM	17-Apr-2013 9:30 AM	BS
	82179	NA	79-2ASA-DU2-SB1	SO	079SB-0024M-0001-SO	240-22663-24		1/1	01-Apr-2013 11:29 AM	16-Apr-2013 3:50 PM	17-Apr-2013 9:35 AM	N
	82179	NA	79-2ASA-DU2-SB1	SO	079SB-0024M-0002-SO	240-22663-24		1/1	01-Apr-2013 11:29 AM	16-Apr-2013 3:50 PM	17-Apr-2013 9:39 AM	MS
	82179	NA	79-2ASA-DU2-SB	SO	079SB-0021M-0001-SO	240-22663-21		1/1	01-Apr-2013 11:21 AM	16-Apr-2013 3:50 PM	17-Apr-2013 9:42 AM	N



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

**Test Method: SW7471A; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82449	82179	NA	79-2ASA-DU2-SB	SO	079SB-0022M-0001-SO	240-22663-22		1/1	01-Apr-2013 11:24 AM	16-Apr-2013 3:50 PM	17-Apr-2013 9:45 AM	N
	82179	NA	79-2ASA-DU2-SB	SO	079SB-0023M-0001-SO	240-22663-23		1/1	01-Apr-2013 11:24 AM	16-Apr-2013 3:50 PM	17-Apr-2013 9:46 AM	FD
	82179	NA	79-2ASA-DU2-SB2	SO	079SB-0025M-0001-SO	240-22663-25		1/1	01-Apr-2013 10:23 AM	16-Apr-2013 3:50 PM	17-Apr-2013 9:48 AM	N
	82179	NA	79-2ASA-DU2-SB3	SO	079SB-0026M-0001-SO	240-22663-26		1/1	01-Apr-2013 10:37 AM	16-Apr-2013 3:50 PM	17-Apr-2013 9:50 AM	N
	82179	NA	79-2ASA-DU2-SB4	SO	079SB-0027M-0001-SO	240-22663-27		1/1	01-Apr-2013 11:12 AM	16-Apr-2013 3:50 PM	17-Apr-2013 9:52 AM	N
	82179	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001-SO	240-22663-28		1/1	01-Apr-2013 10:43 AM	16-Apr-2013 3:50 PM	17-Apr-2013 9:54 AM	N
	82179	NA	79-2ASA-DU2-SB5	SO	079SB-0029M-0001-SO	240-22663-29		1/1	01-Apr-2013 10:55 AM	16-Apr-2013 3:50 PM	17-Apr-2013 10:00 AM	N
	82179	NA	68-ESSW-DU1-SB	SO	068SB-0017M-0001-SO	240-22663-31		1/1	29-Mar-2013 3:42 PM	16-Apr-2013 3:50 PM	17-Apr-2013 10:02 AM	N
	82179	NA	68-ESSW-DU1-SB	SO	068SB-0018M-0001-SO	240-22663-32		1/1	29-Mar-2013 3:43 PM	16-Apr-2013 3:50 PM	17-Apr-2013 10:04 AM	N
	82179	NA	68-ESSW-DU1-SB1	SO	068SB-0019M-0001-SO	240-22663-33		1/1	29-Mar-2013 3:21 PM	16-Apr-2013 3:50 PM	17-Apr-2013 10:06 AM	N
	82179	NA	68-ESSW-DU1-SB1	SO	068SB-0022M-0001-SO	240-22663-34		1/1	29-Mar-2013 3:21 PM	16-Apr-2013 3:50 PM	17-Apr-2013 10:07 AM	FD
	82179	NA	68-ESSW-DU1-SB2	SO	068SB-0020M-0001-SO	240-22663-35		1/1	29-Mar-2013 3:50 PM	16-Apr-2013 3:50 PM	17-Apr-2013 10:10 AM	N
	82179	NA	68-ESSW-DU1-SB3	SO	068SB-0023M-0001-SO	240-22663-36		1/1	29-Mar-2013 2:40 PM	16-Apr-2013 3:50 PM	17-Apr-2013 10:12 AM	N
	82179	NA	68-ESSW-DU1-SB4	SO	068SB-0024M-0001-SO	240-22663-37		1/1	29-Mar-2013 2:20 PM	16-Apr-2013 3:50 PM	17-Apr-2013 10:14 AM	N
	82179	NA	68-ESSW-DU1-SB5	SO	068SB-0025M-0001-SO	240-22663-38		1/1	29-Mar-2013 2:45 PM	16-Apr-2013 3:50 PM	17-Apr-2013 10:16 AM	N
82912	82367	NA	LABQC	SQ	LABQC	MB 240-82367/1-A		1/1	17-Apr-2013 2:55 PM	17-Apr-2013 2:55 PM	19-Apr-2013 10:04 AM	LB
	82367	NA	LABQC	SQ	LABQC	LCS 240-82367/2-A		1/1	17-Apr-2013 2:55 PM	17-Apr-2013 2:55 PM	19-Apr-2013 10:06 AM	BS
	82367	NA	68-ESSW-DU1-SB1	SO	068SB-0032M-0001-SO	240-22663-39		1/1	29-Mar-2013 3:30 PM	17-Apr-2013 2:55 PM	19-Apr-2013 10:17 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

**Test Method: SW7471A; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82912	82367	NA	68-ESSW-DU2-SB	SO	068SB-0027M-0001-SO	240-22663-40		1/1	29-Mar-2013 2:00 PM	17-Apr-2013 2:55 PM	19-Apr-2013 10:18 AM	N
	82367	NA	68-ESSW-DU2-SB	SO	068SB-0028M-0001-SO	240-22663-41		1/1	29-Mar-2013 2:02 PM	17-Apr-2013 2:55 PM	19-Apr-2013 10:20 AM	N
	82367	NA	68-ESSW-DU2-SB3	SO	068SB-0030M-0001-SO	240-22663-43		1/1	29-Mar-2013 2:05 PM	17-Apr-2013 2:55 PM	19-Apr-2013 10:21 AM	N
	82367	NA	68-ESSW-DU2-SB5	SO	068SB-0031M-0001-SO	240-22663-44		1/1	29-Mar-2013 1:44 PM	17-Apr-2013 2:55 PM	19-Apr-2013 10:23 AM	N

**Test Method: SW8081; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82685	81726	NA	LABQC	SQ	LABQC	MB 240-81726/21-A		1/1	12-Apr-2013 11:07 AM	12-Apr-2013 11:07 AM	19-Apr-2013 3:17 PM	LB
	81726	NA	LABQC	SQ	LABQC	LCS 240-81726/22-A		1/1	12-Apr-2013 11:07 AM	12-Apr-2013 11:07 AM	19-Apr-2013 3:37 PM	BS
83400	83135	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0001-SO	240-22663-4		1/1	01-Apr-2013 10:12 AM	23-Apr-2013 8:54 AM	24-Apr-2013 7:13 PM	N
	83135	NA	79-2ASA-DU1-SB4	SO	079SB-0017M-0001-SO	240-22663-7		1/1	01-Apr-2013 9:24 AM	23-Apr-2013 8:54 AM	24-Apr-2013 7:33 PM	N
	83135	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SB	240-22663-10		1/10	01-Apr-2013 3:00 PM	23-Apr-2013 8:54 AM	24-Apr-2013 7:53 PM	N
	83135	NA	73-U16-DU1-SB3	SO	073SB-0041M-0001-SO	240-22663-17		1/1	01-Apr-2013 1:03 PM	23-Apr-2013 8:54 AM	24-Apr-2013 8:13 PM	N
	83135	NA	79-2ASA-DU2-SB3	SO	079SB-0026M-0001-SO	240-22663-26		1/1	01-Apr-2013 10:37 AM	23-Apr-2013 8:54 AM	24-Apr-2013 8:34 PM	N
	83135	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001-SO	240-22663-28		1/1	01-Apr-2013 10:43 AM	23-Apr-2013 8:54 AM	24-Apr-2013 8:54 PM	N
	83135	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001-SO	240-22663-28		1/1	01-Apr-2013 10:43 AM	23-Apr-2013 8:54 AM	24-Apr-2013 9:14 PM	MS
	83135	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001-SO	240-22663-28		1/1	01-Apr-2013 10:43 AM	23-Apr-2013 8:54 AM	24-Apr-2013 9:34 PM	SD
	83135	NA	LABQC	SQ	LABQC	MB 240-83135/18-A		1/1	23-Apr-2013 8:54 AM	23-Apr-2013 8:54 AM	24-Apr-2013 9:54 PM	LB
	83135	NA	LABQC	SQ	LABQC	LCS 240-83135/19-A		1/1	23-Apr-2013 8:54 AM	23-Apr-2013 8:54 AM	24-Apr-2013 10:14 PM	BS

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

Test Method: SW8082; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82363	81730	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0001-SO	240-22663-4		1/1	01-Apr-2013 10:12 AM	12-Apr-2013 11:18 AM	18-Apr-2013 10:08 AM	N
	81730	NA	79-2ASA-DU1-SB4	SO	079SB-0017M-0001-SO	240-22663-7		1/1	01-Apr-2013 9:24 AM	12-Apr-2013 11:18 AM	18-Apr-2013 10:24 AM	N
	81730	NA	73-U16-DU1-SB3	SO	073SB-0041M-0001-SO	240-22663-17		1/1	01-Apr-2013 1:03 PM	12-Apr-2013 11:18 AM	18-Apr-2013 10:39 AM	N
	81730	NA	LABQC	SQ	LABQC	MB 240-81730/20-A		1/1	12-Apr-2013 11:18 AM	12-Apr-2013 11:18 AM	18-Apr-2013 12:13 PM	LB
	81730	NA	LABQC	SQ	LABQC	LCS 240-81730/21-A		1/1	12-Apr-2013 11:18 AM	12-Apr-2013 11:18 AM	18-Apr-2013 3:05 PM	BS
82267	81736	NA	68-ESSW-DU1-SB	SO	068SB-0017M-0001-SO	240-22663-31		1/1	29-Mar-2013 3:42 PM	12-Apr-2013 11:46 AM	17-Apr-2013 11:12 AM	N
	81736	NA	68-ESSW-DU1-SB	SO	068SB-0018M-0001-SO	240-22663-32		1/1	29-Mar-2013 3:43 PM	12-Apr-2013 11:46 AM	17-Apr-2013 11:28 AM	N
	81736	NA	68-ESSW-DU1-SB4	SO	068SB-0024M-0001-SO	240-22663-37		1/1	29-Mar-2013 2:20 PM	12-Apr-2013 11:46 AM	17-Apr-2013 11:44 AM	N
	81736	NA	68-ESSW-DU1-SB5	SO	068SB-0025M-0001-SO	240-22663-38		1/1	29-Mar-2013 2:45 PM	12-Apr-2013 11:46 AM	17-Apr-2013 11:59 AM	N
	81736	NA	68-ESSW-DU1-SB1	SO	068SB-0032M-0001-SO	240-22663-39		1/1	29-Mar-2013 3:30 PM	12-Apr-2013 11:46 AM	17-Apr-2013 12:15 PM	N
	81736	NA	68-ESSW-DU2-SB	SO	068SB-0027M-0001-SO	240-22663-40		1/1	29-Mar-2013 2:00 PM	12-Apr-2013 11:46 AM	17-Apr-2013 12:31 PM	N
	81736	NA	68-ESSW-DU2-SB	SO	068SB-0028M-0001-SO	240-22663-41		1/1	29-Mar-2013 2:02 PM	12-Apr-2013 11:46 AM	17-Apr-2013 12:46 PM	N
	81736	NA	68-ESSW-DU2-SB3	SO	068SB-0030M-0001-SO	240-22663-43		1/1	29-Mar-2013 2:05 PM	12-Apr-2013 11:46 AM	17-Apr-2013 1:02 PM	N
	81736	NA	68-ESSW-DU2-SB5	SO	068SB-0031M-0001-SO	240-22663-44		1/1	29-Mar-2013 1:44 PM	12-Apr-2013 11:46 AM	17-Apr-2013 1:17 PM	N
	81736	NA	68-ESSW-DU1-SB1	SO	068SB-0019M-0001-SO	240-22663-33		1/1	29-Mar-2013 3:21 PM	12-Apr-2013 11:46 AM	17-Apr-2013 1:49 PM	N
	81736	NA	68-ESSW-DU1-SB1	SO	068SB-0022M-0001-SO	240-22663-34		1/1	29-Mar-2013 3:21 PM	12-Apr-2013 11:46 AM	17-Apr-2013 2:04 PM	FD
	81736	NA	68-ESSW-DU1-SB2	SO	068SB-0020M-0001-SO	240-22663-35		1/1	29-Mar-2013 3:50 PM	12-Apr-2013 11:46 AM	17-Apr-2013 2:20 PM	N
	81736	NA	68-ESSW-DU1-SB3	SO	068SB-0023M-0001-SO	240-22663-36		1/1	29-Mar-2013 2:40 PM	12-Apr-2013 11:46 AM	17-Apr-2013 2:35 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82267	81736	NA	LABQC	SQ	LABQC	MB 240-81736/24-A		1/1	12-Apr-2013 11:46 AM	12-Apr-2013 11:46 AM	17-Apr-2013 2:51 PM	LB
82656	81736	NA	LABQC	SQ	LABQC	LCS 240-81736/23-A		1/1	12-Apr-2013 11:46 AM	12-Apr-2013 11:46 AM	19-Apr-2013 9:06 AM	BS
83996	83675	NA	79-2ASA-DU2-SB3	SO	079SB-0026M-0001-SO	240-22663-26		1/1	01-Apr-2013 10:37 AM	26-Apr-2013 8:24 AM	29-Apr-2013 8:49 AM	N
	83675	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001-SO	240-22663-28		1/1	01-Apr-2013 10:43 AM	26-Apr-2013 8:24 AM	29-Apr-2013 9:04 AM	N
	83675	NA	LABQC	SQ	LABQC	MB 240-83675/20-A		1/1	26-Apr-2013 8:24 AM	26-Apr-2013 8:24 AM	29-Apr-2013 9:20 AM	LB
	83675	NA	LABQC	SQ	LABQC	LCS 240-83675/21-A		1/1	26-Apr-2013 8:24 AM	26-Apr-2013 8:24 AM	29-Apr-2013 9:35 AM	BS

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
80954	80597	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0001-SO	240-22663-4		1/1	01-Apr-2013 10:12 AM	02-Apr-2013 4:08 PM	08-Apr-2013 5:03 PM	N
	80597	NA	79-2ASA-DU1-SB4	SO	079SB-0017M-0001-SO	240-22663-7		1/1	01-Apr-2013 9:24 AM	02-Apr-2013 4:08 PM	08-Apr-2013 5:24 PM	N
	80597	NA	73-U16-DU1-SB3	SO	073SB-0041M-0001-SO	240-22663-17		1/1	01-Apr-2013 1:03 PM	02-Apr-2013 4:08 PM	08-Apr-2013 5:46 PM	N
	80597	NA	79-2ASA-DU2-SB3	SO	079SB-0026M-0001-SO	240-22663-26		1/1	01-Apr-2013 10:37 AM	02-Apr-2013 4:08 PM	08-Apr-2013 6:07 PM	N
	80597	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001-SO	240-22663-28		1/1	01-Apr-2013 10:43 AM	02-Apr-2013 4:08 PM	08-Apr-2013 6:29 PM	N
	NA	NA	LABQC	SQ	LABQC	LCS 240-80954/6		1/1	08-Apr-2013 12:22 PM	08-Apr-2013 12:22 PM	08-Apr-2013 12:22 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-80954/7		1/1	08-Apr-2013 12:43 PM	08-Apr-2013 12:43 PM	08-Apr-2013 12:43 PM	LB
81013	81013	NA	LABQC	WQ	LABQC	LCS 240-81013/4		1/1	08-Apr-2013 12:50 PM	08-Apr-2013 12:50 PM	08-Apr-2013 12:50 PM	BS
	81013	NA	LABQC	WQ	LABQC	MB 240-81013/6		1/1	08-Apr-2013 1:34 PM	08-Apr-2013 1:34 PM	08-Apr-2013 1:34 PM	LB
	81013	NA	68-ESSW-DU1-SB4	WG	068SB-0026-0001-TB	240-22663-30		1/1	01-Apr-2013 8:00 AM	08-Apr-2013 4:27 PM	08-Apr-2013 4:27 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

**Test Method: SW8270C; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82876	81754	NA	LABQC	SQ	LABQC	MB 240-81754/21-A		1/1	12-Apr-2013 1:15 PM	12-Apr-2013 1:15 PM	21-Apr-2013 12:14 PM	LB
	81754	NA	LABQC	SQ	LABQC	LCS 240-81754/22-A		1/1	12-Apr-2013 1:15 PM	12-Apr-2013 1:15 PM	21-Apr-2013 12:40 PM	BS
	81754	NA	68-ESSW-DU2-SB	SO	068SB-0027M-0001-SO	240-22663-40		1/1	29-Mar-2013 2:00 PM	12-Apr-2013 1:15 PM	21-Apr-2013 2:50 PM	N
	81754	NA	68-ESSW-DU1-SB1	SO	068SB-0032M-0001-SO	240-22663-39		1/1	29-Mar-2013 3:30 PM	12-Apr-2013 1:15 PM	21-Apr-2013 3:16 PM	N
	81754	NA	68-ESSW-DU2-SB	SO	068SB-0028M-0001-SO	240-22663-41		1/1	29-Mar-2013 2:02 PM	12-Apr-2013 1:15 PM	21-Apr-2013 3:42 PM	N
	81754	NA	68-ESSW-DU2-SB3	SO	068SB-0030M-0001-SO	240-22663-43		1/1	29-Mar-2013 2:05 PM	12-Apr-2013 1:15 PM	21-Apr-2013 4:09 PM	N
	81754	NA	68-ESSW-DU1-SB	SO	068SB-0017M-0001-SO	240-22663-31		1/5	29-Mar-2013 3:42 PM	12-Apr-2013 1:15 PM	21-Apr-2013 5:01 PM	N
	81754	NA	68-ESSW-DU1-SB3	SO	068SB-0023M-0001-SO	240-22663-36		1/5	29-Mar-2013 2:40 PM	12-Apr-2013 1:15 PM	21-Apr-2013 5:27 PM	N
	81754	NA	68-ESSW-DU1-SB4	SO	068SB-0024M-0001-SO	240-22663-37		1/5	29-Mar-2013 2:20 PM	12-Apr-2013 1:15 PM	21-Apr-2013 5:53 PM	N
	81754	NA	68-ESSW-DU1-SB5	SO	068SB-0025M-0001-SO	240-22663-38		1/5	29-Mar-2013 2:45 PM	12-Apr-2013 1:15 PM	21-Apr-2013 6:19 PM	N
	81754	NA	68-ESSW-DU2-SB5	SO	068SB-0031M-0001-SO	240-22663-44		1/5	29-Mar-2013 1:44 PM	12-Apr-2013 1:15 PM	21-Apr-2013 6:45 PM	N
	81754	NA	68-ESSW-DU2-SB5	SO	068SB-0031M-0001-SO	240-22663-44		1/5	29-Mar-2013 1:44 PM	12-Apr-2013 1:15 PM	21-Apr-2013 7:11 PM	MS
	81754	NA	68-ESSW-DU2-SB5	SO	068SB-0031M-0001-SO	240-22663-44		1/5	29-Mar-2013 1:44 PM	12-Apr-2013 1:15 PM	21-Apr-2013 7:38 PM	SD
	81754	NA	68-ESSW-DU1-SB2	SO	068SB-0020M-0001-SO	240-22663-35		1/5	29-Mar-2013 3:50 PM	12-Apr-2013 1:15 PM	21-Apr-2013 8:04 PM	N
82940	81754	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0001-SO	240-22663-4		1/5	01-Apr-2013 10:12 AM	12-Apr-2013 1:15 PM	22-Apr-2013 12:38 PM	N
	81754	NA	73-U16-DU1-SB3	SO	073SB-0041M-0001-SO	240-22663-17		1/5	01-Apr-2013 1:03 PM	12-Apr-2013 1:15 PM	22-Apr-2013 1:04 PM	N
	81754	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001-SO	240-22663-28		1/5	01-Apr-2013 10:43 AM	12-Apr-2013 1:15 PM	22-Apr-2013 1:30 PM	N
	81754	NA	68-ESSW-DU1-SB	SO	068SB-0018M-0001-SO	240-22663-32		1/5	29-Mar-2013 3:43 PM	12-Apr-2013 1:15 PM	22-Apr-2013 1:57 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82940	81754	NA	79-2ASA-DU1-SB4	SO	079SB-0017M-0001-SO	240-22663-7		1/5	01-Apr-2013 9:24 AM	12-Apr-2013 1:15 PM	22-Apr-2013 2:23 PM	N
	81754	NA	79-2ASA-DU2-SB3	SO	079SB-0026M-0001-SO	240-22663-26		1/5	01-Apr-2013 10:37 AM	12-Apr-2013 1:15 PM	22-Apr-2013 2:49 PM	N
	81754	NA	68-ESSW-DU1-SB1	SO	068SB-0019M-0001-SO	240-22663-33		1/5	29-Mar-2013 3:21 PM	12-Apr-2013 1:15 PM	22-Apr-2013 3:15 PM	N
	81754	NA	68-ESSW-DU1-SB1	SO	068SB-0022M-0001-SO	240-22663-34		1/5	29-Mar-2013 3:21 PM	12-Apr-2013 1:15 PM	22-Apr-2013 3:41 PM	FD

Test Method: SW8330B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
14706	14065	NA	LABQC	SQ	LABQC	MB 320-14065/1-A		1/1	11-Apr-2013 8:24 AM	11-Apr-2013 8:24 AM	19-Apr-2013 6:45 PM	LB
	14065	NA	LABQC	SQ	LABQC	LCS 320-14065/2-A		1/1	11-Apr-2013 8:24 AM	11-Apr-2013 8:24 AM	19-Apr-2013 7:29 PM	BS
	14065	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0001-SO	240-22663-4		2/1	01-Apr-2013 10:12 AM	11-Apr-2013 8:24 AM	20-Apr-2013 2:45 AM	N
	14065	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0002-SO	240-22663-4		2/1	01-Apr-2013 10:12 AM	11-Apr-2013 8:24 AM	20-Apr-2013 3:29 AM	MS
	14065	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0002-SO	240-22663-4		2/1	01-Apr-2013 10:12 AM	11-Apr-2013 8:24 AM	20-Apr-2013 4:13 AM	SD
	14065	NA	79-2ASA-DU1-SB4	SO	079SB-0017M-0001-SO	240-22663-7		2/1	01-Apr-2013 9:24 AM	11-Apr-2013 8:24 AM	20-Apr-2013 4:56 AM	N
	14065	NA	73-U16-DU1-SB3	SO	073SB-0041M-0001-SO	240-22663-17		2/1	01-Apr-2013 1:03 PM	11-Apr-2013 8:24 AM	20-Apr-2013 5:40 AM	N
	14065	NA	79-2ASA-DU2-SB3	SO	079SB-0026M-0001-SO	240-22663-26		2/1	01-Apr-2013 10:37 AM	11-Apr-2013 8:24 AM	20-Apr-2013 6:24 AM	N
	14065	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001-SO	240-22663-28		2/1	01-Apr-2013 10:43 AM	11-Apr-2013 8:24 AM	20-Apr-2013 7:07 AM	N
14998	14065	NA	LABQC	SQ	LABQC	MB 320-14065/1-A		2/1	11-Apr-2013 8:24 AM	11-Apr-2013 8:24 AM	25-Apr-2013 8:07 AM	LB
	14065	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0001-SO	240-22663-4		3/1	01-Apr-2013 10:12 AM	11-Apr-2013 8:24 AM	25-Apr-2013 1:38 PM	N
14432	14079	NA	LABQC	SQ	LABQC	MB 320-14079/1-A		1/1	11-Apr-2013 10:07 AM	11-Apr-2013 10:07 AM	16-Apr-2013 5:06 PM	LB

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Batch Report**

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
14432	14079	NA	LABQC	SQ	LABQC	LCS 320-14079/2-A		1/1	11-Apr-2013 10:07 AM	11-Apr-2013 10:07 AM	16-Apr-2013 5:24 PM	BS
	14079	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0001- SO	240-22663-4		1/1	01-Apr-2013 10:12 AM	11-Apr-2013 10:07 AM	16-Apr-2013 8:22 PM	N
	14079	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0002- SO	240-22663-4		1/1	01-Apr-2013 10:12 AM	11-Apr-2013 10:07 AM	16-Apr-2013 8:39 PM	MS
	14079	NA	79-2ASA-DU1-SB1	SO	079SB-0014M-0002- SO	240-22663-4		1/1	01-Apr-2013 10:12 AM	11-Apr-2013 10:07 AM	16-Apr-2013 8:57 PM	SD
	14079	NA	79-2ASA-DU1-SB4	SO	079SB-0017M-0001- SO	240-22663-7		1/1	01-Apr-2013 9:24 AM	11-Apr-2013 10:07 AM	16-Apr-2013 9:15 PM	N
	14079	NA	73-U16-DU1-SB3	SO	073SB-0041M-0001- SO	240-22663-17		1/1	01-Apr-2013 1:03 PM	11-Apr-2013 10:07 AM	16-Apr-2013 9:33 PM	N
	14079	NA	79-2ASA-DU2-SB3	SO	079SB-0026M-0001- SO	240-22663-26		1/1	01-Apr-2013 10:37 AM	11-Apr-2013 10:07 AM	16-Apr-2013 9:50 PM	N
	14079	NA	79-2ASA-DU2-SB5	SO	079SB-0028M-0001- SO	240-22663-28		1/1	01-Apr-2013 10:43 AM	11-Apr-2013 10:07 AM	16-Apr-2013 10:08 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Field Batch Report**

**--No Records Found--**



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW6020 / SW3050B/NONE	Blank	MB 180-69114/1-A (LB) / MB 180-69114/1-A	1 / 1.00	Barium	0.0094 (MG/KG)	U/None	< 0.0091	< 0.85	L		1	0.00940
SW6020 / SW3050B/NONE	Blank	MB 180-69114/1-A (LB) / MB 180-69114/1-A	1 / 1.00	Calcium	1.8 (MG/KG)	U/None	< 1.1	< 8.5	L		1	1.76
SW6020 / SW3050B/NONE	Blank	MB 180-69114/1-A (LB) / MB 180-69114/1-A	1 / 1.00	Copper	0.030 (MG/KG)	U/None	< 0.028	< 0.17	L		1	0.0300
SW6020 / SW3050B/NONE	Blank	MB 180-69114/1-A (LB) / MB 180-69114/1-A	1 / 1.00	Zinc	0.073 (MG/KG)	U/None	< 0.055	< 0.43	L		1	0.0733
SW6020 / SW3050B/NONE	Blank	MB 180-69160/1-A (LB) / MB 180-69160/1-A	1 / 1.00	Arsenic	0.021 (MG/KG)	U/None	< 0.016	< 0.089	L		1	0.0212
SW6020 / SW3050B/NONE	Blank	MB 180-69160/1-A (LB) / MB 180-69160/1-A	1 / 1.00	Barium	0.011 (MG/KG)	U/None	< 0.0096	< 0.89	L		1	0.0107
SW6020 / SW3050B/NONE	Blank	MB 180-69160/1-A (LB) / MB 180-69160/1-A	1 / 1.00	Calcium	1.8 (MG/KG)	U/None	< 1.2	< 8.9	L		1	1.83
SW6020 / SW3050B/NONE	Blank	MB 180-69160/1-A (LB) / MB 180-69160/1-A	1 / 1.00	Selenium	0.048 (MG/KG)	U/None	< 0.045	< 0.45	L		1	0.0480
SW6020 / SW3050B/NONE	Blank	MB 180-69160/1-A (LB) / MB 180-69160/1-A	1 / 1.00	Zinc	0.064 (MG/KG)	U/None	< 0.058	< 0.45	L		1	0.0640
SW6020 / SW3050B/NONE	Blank	MB 180-69260/1-A (LB) / MB 180-69260/1-A	1 / 1.00	Aluminum	0.36 (MG/KG)	U/None	< 0.28	< 2.9	L		1	0.356
SW6020 / SW3050B/NONE	Blank	MB 180-69260/1-A (LB) / MB 180-69260/1-A	1 / 1.00	Barium	0.012 (MG/KG)	U/None	< 0.01	< 0.98	L		1	0.0116
SW6020 / SW3050B/NONE	Blank	MB 180-69260/1-A (LB) / MB 180-69260/1-A	1 / 1.00	Calcium	1.7 (MG/KG)	U/None	< 1.3	< 9.8	L		1	1.72
SW6020 / SW3050B/NONE	Blank	MB 180-69260/1-A (LB) / MB 180-69260/1-A	1 / 1.00	Copper	0.036 (MG/KG)	U/None	< 0.032	< 0.2	L		1	0.0358
SW6020 / SW3050B/NONE	Blank	MB 180-69260/1-A (LB) / MB 180-69260/1-A	1 / 1.00	Zinc	0.12 (MG/KG)	U/None	< 0.064	< 0.49	L		1	0.122
SW8260B / NONE/NONE	Blank	MB 240-80954/7 (LB) / MB 240-80954/7	1 / 1.00	Carbon Disulfide	3.1 (UG/KG)	U/None	< 0.44	< 5	L		1	3.10
SW8260B / NONE/NONE	Blank	MB 240-80954/7 (LB) / MB 240-80954/7	1 / 1.00	Methylene Chloride	14.9 (UG/KG)	U/None	< 0.67	< 5	L		2	29.8
SW8260B / SW5035/NONE	Surrogate	079SB-0014M-0001-SO (N) / 240-22663-4	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	82.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	079SB-0026M-0001-SO (N) / 240-22663-26	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	68.3 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	079SB-0026M-0001-SO (N) / 240-22663-26	1 / 1.00	Toluene-d8	73.7 (PERCENT)	J/UJ	85 - 115	10 - 115	I			

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8260B / SW5035/NONE	Surrogate	079SB-0028M-0001-SO (N) / 240-22663-28	1 / 1.00	Toluene-d8	83.3 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8270C / SW3550/NONE	Blank	MB 240-81754/21-A (LB) / MB 240-81754/21-A	1 / 1.00	Di-n-Butyl Phthalate	24.5 (UG/KG)	U/None	< 15	< 70	L		1	24.5
SW8270C / SW3550/NONE	MS Recovery	068SB-0031M-0001-SO (MS) / 240-22663-44	1 / 5.00	2,4-Dimethylphenol	23.6 (PERCENT)	J/UJ	30 - 105	30 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	068SB-0031M-0001-SO (SD) / 240-22663-44	1 / 5.00	2,4-Dimethylphenol	27.7 (PERCENT)	J/UJ	30 - 105	30 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	068SB-0031M-0001-SO (MS) / 240-22663-44	1 / 5.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/UJ	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	068SB-0031M-0001-SO (SD) / 240-22663-44	1 / 5.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/UJ	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	068SB-0031M-0001-SO (MS) / 240-22663-44	1 / 5.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	068SB-0031M-0001-SO (SD) / 240-22663-44	1 / 5.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	068SB-0031M-0001-SO (MS) / 240-22663-44	1 / 5.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/UJ	30 - 135	30 - 135	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	068SB-0031M-0001-SO (MS) / 240-22663-44	1 / 5.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	068SB-0031M-0001-SO (SD) / 240-22663-44	1 / 5.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00	
SW8330B / METHOD/NONE	Blank	MB 320-14065/1-A (LB) / MB 320-14065/1-A	2 / 1.00	Tetryl	0.012 (MG/KG)	U/None	< 0.01	< 0.25	L		1	0.0121

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
E353.2/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Nitrocellulose	5.0	0.91	0.91 J		MG/KG	TR
E353.2/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Nitrocellulose	4.7	0.76	0.76 J		MG/KG	TR
E353.2/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Nitrocellulose	5.0	0.81	0.81 J		MG/KG	TR
E353.2/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Nitrocellulose	4.8	2.5	2.5 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Antimony	0.20	0.068	0.068 J		MG/KG	TR/m
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Beryllium	0.099	0.60	0.60 J		MG/KG	A
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Selenium	0.50	0.40	0.40 J		MG/KG	TR
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Silver	0.099	0.036	0.036 J		MG/KG	TR
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Beryllium	0.10	0.44	0.44 J		MG/KG	A
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Selenium	0.50	0.22	0.22 J		MG/KG	TR
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Silver	0.10	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Beryllium	0.099	0.57	0.57 J		MG/KG	A
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Selenium	0.50	0.31	0.31 J		MG/KG	TR
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Silver	0.099	0.040	0.040 J		MG/KG	TR
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Beryllium	0.10	0.53	0.53 J		MG/KG	A
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Selenium	0.50	0.28	0.28 J		MG/KG	TR
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Silver	0.10	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Beryllium	0.097	0.56	0.56 J		MG/KG	A
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Selenium	0.49	0.28	0.28 J		MG/KG	TR
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Silver	0.097	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Beryllium	0.10	0.59	0.59 J		MG/KG	A
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Selenium	0.50	0.35	0.35 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Silver	0.10	0.036	0.036 J		MG/KG	TR
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Beryllium	0.10	0.58	0.58 J		MG/KG	A
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Selenium	0.50	0.33	0.33 J		MG/KG	TR
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Silver	0.10	0.040	0.040 J		MG/KG	TR
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Beryllium	0.10	0.42	0.42 J		MG/KG	A
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Selenium	0.50	0.30	0.30 J		MG/KG	TR
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Silver	0.10	0.041	0.041 J		MG/KG	TR
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Beryllium	0.097	0.64	0.64 J		MG/KG	A
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Selenium	0.49	0.35	0.35 J		MG/KG	TR
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Silver	0.097	0.036	0.036 J		MG/KG	TR
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Beryllium	0.098	0.38	0.38 J		MG/KG	A
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Selenium	0.49	0.32	0.32 J		MG/KG	TR
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Silver	0.098	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Beryllium	0.095	0.49	0.49 J		MG/KG	A
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Selenium	0.48	0.30	0.30 J		MG/KG	TR
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Silver	0.095	0.041	0.041 J		MG/KG	TR
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Beryllium	0.096	0.46	0.46 J		MG/KG	A
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Selenium	0.48	0.37	0.37 J		MG/KG	TR
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Silver	0.096	0.038	0.038 J		MG/KG	TR
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Antimony	0.23	0.23	0.23 UJ		MG/KG	m
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Beryllium	0.11	0.41	0.41 J		MG/KG	A
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Selenium	0.57	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Silver	0.11	0.029	0.029 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Antimony	0.17	0.044	0.044 J		MG/KG	TR/m
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Selenium	0.43	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Silver	0.087	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Zinc	0.43	56.0	56.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Antimony	0.16	0.044	0.044 J		MG/KG	TR/m
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Selenium	0.40	0.19	0.19 J		MG/KG	TR
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Silver	0.081	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Zinc	0.40	54.0	54.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Antimony	0.19	0.067	0.067 J		MG/KG	TR/m
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Selenium	0.46	0.28	0.28 J		MG/KG	TR
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Silver	0.093	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Zinc	0.46	64.0	64.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Antimony	0.16	0.055	0.055 J		MG/KG	TR/m
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Selenium	0.40	0.26	0.26 J		MG/KG	TR
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Silver	0.081	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Zinc	0.40	62.0	62.0 J		MG/KG	A
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Antimony	0.20	0.047	0.047 J		MG/KG	TR/m
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Selenium	0.50	0.17	0.50 U	+	MG/KG	L
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Silver	0.099	0.017	0.017 J		MG/KG	TR
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Antimony	0.19	0.24	0.24 J		MG/KG	m
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Selenium	0.48	0.16	0.48 U	+	MG/KG	L
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Silver	0.096	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Antimony	0.20	0.076	0.076 J		MG/KG	TR/m
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Selenium	0.50	0.21	0.50 U	+	MG/KG	L
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Silver	0.10	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Antimony	0.19	0.074	0.074 J		MG/KG	TR/m
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Selenium	0.48	0.16	0.48 U	+	MG/KG	L
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Silver	0.096	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Antimony	0.22	0.089	0.089 J		MG/KG	TR/m

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Selenium	0.54	0.17	0.54 U	+	MG/KG	L
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Silver	0.11	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Antimony	0.18	0.35	0.35 J		MG/KG	m
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Selenium	0.46	0.36	0.36 J		MG/KG	TR
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Silver	0.092	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Zinc	0.46	54.0	54.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Antimony	0.17	0.17	0.17 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Cadmium	0.085	0.078	0.078 J		MG/KG	TR
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Selenium	0.43	0.24	0.24 J		MG/KG	TR
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Silver	0.085	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Zinc	0.43	33.0	33.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Cadmium	0.094	0.073	0.073 J		MG/KG	TR
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Selenium	0.47	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Silver	0.094	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Zinc	0.47	28.0	28.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Antimony	0.18	0.18	0.18 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Selenium	0.46	0.33	0.33 J		MG/KG	TR
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Silver	0.092	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Zinc	0.46	59.0	59.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Antimony	0.17	0.063	0.063 J		MG/KG	TR/m
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Selenium	0.43	0.29	0.29 J		MG/KG	TR
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Silver	0.086	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Zinc	0.43	76.0	76.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Antimony	0.18	0.18	0.18 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Selenium	0.45	0.28	0.28 J		MG/KG	TR
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Silver	0.090	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Zinc	0.45	74.0	74.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Antimony	0.17	0.17	0.17 UJ		MG/KG	m

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Selenium	0.42	0.25	0.25 J		MG/KG	TR
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Silver	0.084	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Zinc	0.42	51.0	51.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Calcium	9.9	1400	1400 J		MG/KG	d
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Selenium	0.50	0.27	0.27 J		MG/KG	TR
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Silver	0.099	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Zinc	0.50	60.0	60.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Selenium	0.47	0.33	0.33 J		MG/KG	TR
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Silver	0.093	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Zinc	0.47	45.0	45.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Calcium	9.3	780	780 J		MG/KG	d
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Selenium	0.46	0.35	0.35 J		MG/KG	TR
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Silver	0.093	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Zinc	0.46	62.0	62.0 J		MG/KG	A
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m/A
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Selenium	0.49	0.28	0.49 U	+	MG/KG	L
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Silver	0.098	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Antimony	0.20	0.20	0.20 UJ		MG/KG	m/A
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Selenium	0.49	0.30	0.49 U	+	MG/KG	L
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Silver	0.098	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Antimony	0.20	0.20	0.20 UJ		MG/KG	m/A
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Selenium	0.50	0.27	0.50 U	+	MG/KG	L
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Silver	0.10	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Beryllium	0.097	0.55	0.55 J		MG/KG	A
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Selenium	0.49	0.35	0.35 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Silver	0.097	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m/A
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Selenium	0.48	0.27	0.48 U	+	MG/KG	L
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Silver	0.096	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m/A
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Selenium	0.48	0.27	0.48 U	+	MG/KG	L
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Silver	0.096	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m/A
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Selenium	0.49	0.32	0.49 U	+	MG/KG	L
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Silver	0.097	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Antimony	0.19	0.19	0.19 UJ		MG/KG	m/A
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Selenium	0.48	0.34	0.48 U	+	MG/KG	L
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Silver	0.095	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Antimony	0.20	0.26	0.26 J		MG/KG	m
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Beryllium	0.10	0.13	0.13 J		MG/KG	A
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Selenium	0.51	0.17	0.17 J		MG/KG	TR
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Silver	0.10	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Thallium	0.10	0.091	0.091 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Mercury	0.11	0.041	0.041 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Mercury	0.10	0.021	0.021 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Mercury	0.10	0.019	0.019 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Mercury	0.11	0.040	0.040 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Mercury	0.10	0.025	0.025 J		MG/KG	TR
SW7471A/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Mercury	0.11	0.050	0.050 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Mercury	0.11	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Mercury	0.098	0.020	0.020 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Mercury	0.11	0.016	0.016 J		MG/KG	TR
SW7471A/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Mercury	0.11	0.015	0.015 J		MG/KG	TR



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Mercury	0.12	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Mercury	0.11	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Mercury	0.091	0.019	0.019 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Mercury	0.095	0.022	0.022 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Mercury	0.095	0.014	0.014 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Mercury	0.10	0.016	0.016 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Mercury	0.098	0.015	0.015 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Mercury	0.087	0.014	0.014 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Mercury	0.11	0.021	0.021 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Mercury	0.11	0.024	0.024 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Mercury	0.11	0.029	0.029 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Mercury	0.095	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Mercury	0.087	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Mercury	0.10	0.025	0.025 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Mercury	0.10	0.022	0.022 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Mercury	0.090	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Mercury	0.092	0.025	0.025 J		MG/KG	TR
SW7471A/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Mercury	0.097	0.026	0.026 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	Aldrin	40.0	40.0	40.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	alpha-BHC (alpha-Hexachlorocyclohexane)	25.0	25.0	25.0 UJ		UG/KG	h
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	alpha-Chlordane	30.0	30.0	30.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	alpha-Endosulfan	17.0	17.0	17.0 UJ		UG/KG	h
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	beta-BHC (beta-Hexachlorocyclohexane)	35.0	35.0	35.0 UJ		UG/KG	h
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	beta-Endosulfan	25.0	25.0	25.0 UJ		UG/KG	h
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	delta-BHC (delta-Hexachlorocyclohexane)	40.0	40.0	40.0 UJ		UG/KG	h
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	Dieldrin	17.0	17.0	17.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	Endosulfan Sulfate	30.0	30.0	30.0 UJ		UG/KG	h
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	Endrin	17.0	17.0	17.0 UJ		UG/KG	h/V2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	Endrin Aldehyde	30.0	30.0	30.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	Endrin Ketone	20.0	20.0	20.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	gamma-BHC (Lindane)	25.0	25.0	25.0 UJ		UG/KG	h
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	gamma-Chlordane	17.0	17.0	17.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	Heptachlor	35.0	35.0	35.0 UJ		UG/KG	h
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	Heptachlor Epoxide	25.0	25.0	25.0 UJ		UG/KG	h
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	Methoxychlor	49.0	49.0	49.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	p,p'-DDD	20.0	20.0	20.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	p,p'-DDE	17.0	17.0	17.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	p,p'-DDT	20.0	20.0	20.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	070SB-0046M-0001-SB	240-22663-10	N	Toxaphene	660	660	660 UJ		UG/KG	h/V1
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Aldrin	4.0	4.0	4.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5	1.2	1.2 J		UG/KG	TR/h/P1
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	alpha-Chlordane	3.0	3.0	3.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	alpha-Endosulfan	1.7	1.7	1.7 UJ		UG/KG	h
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	beta-BHC (beta-Hexachlorocyclohexane)	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	beta-Endosulfan	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	delta-BHC (delta-Hexachlorocyclohexane)	4.0	4.0	4.0 UJ		UG/KG	h
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Dieldrin	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Endosulfan Sulfate	3.0	3.0	3.0 UJ		UG/KG	h
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Endrin	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Endrin Aldehyde	3.0	3.0	3.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Endrin Ketone	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	gamma-BHC (Lindane)	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	gamma-Chlordane	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Heptachlor Epoxide	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Methoxychlor	5.0	5.0	5.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	p,p'-DDD	2.0	2.0	2.0 UJ		UG/KG	h/V2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	p,p'-DDE	1.7	0.66	0.66 J		UG/KG	TR/h/V2
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	p,p'-DDT	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Toxaphene	67.0	67.0	67.0 UJ		UG/KG	h/V1
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Aldrin	3.9	3.9	3.9 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	alpha-Chlordane	3.0	3.0	3.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	alpha-Endosulfan	1.7	1.7	1.7 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	beta-BHC (beta-Hexachlorocyclohexane)	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	beta-Endosulfan	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	delta-BHC (delta-Hexachlorocyclohexane)	3.9	3.9	3.9 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Dieldrin	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Endosulfan Sulfate	3.0	3.0	3.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Endrin	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Endrin Aldehyde	3.0	3.0	3.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Endrin Ketone	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	gamma-BHC (Lindane)	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	gamma-Chlordane	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Heptachlor Epoxide	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Methoxychlor	4.9	4.9	4.9 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	p,p'-DDD	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	p,p'-DDE	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	p,p'-DDT	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Toxaphene	66.0	66.0	66.0 UJ		UG/KG	h/V1
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Aldrin	4.0	4.0	4.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	alpha-Chlordane	3.0	3.0	3.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	alpha-Endosulfan	1.7	1.7	1.7 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	beta-BHC (beta-Hexachlorocyclohexane)	3.5	3.5	3.5 UJ		UG/KG	h

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	beta-Endosulfan	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	delta-BHC (delta-Hexachlorocyclohexane)	4.0	4.0	4.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Dieldrin	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Endosulfan Sulfate	3.0	3.0	3.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Endrin	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Endrin Aldehyde	3.0	3.0	3.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Endrin Ketone	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	gamma-BHC (Lindane)	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	gamma-Chlordane	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Heptachlor Epoxide	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Methoxychlor	5.0	5.0	5.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	p,p'-DDD	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	p,p'-DDE	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	p,p'-DDT	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Toxaphene	67.0	67.0	67.0 UJ		UG/KG	h/V1
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Aldrin	3.9	3.9	3.9 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	alpha-Chlordane	3.0	3.0	3.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	alpha-Endosulfan	1.7	1.7	1.7 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	beta-BHC (beta-Hexachlorocyclohexane)	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	beta-Endosulfan	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	delta-BHC (delta-Hexachlorocyclohexane)	3.9	3.9	3.9 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Dieldrin	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Endosulfan Sulfate	3.0	3.0	3.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Endrin	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Endrin Aldehyde	3.0	3.0	3.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Endrin Ketone	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	gamma-BHC (Lindane)	2.5	2.5	2.5 UJ		UG/KG	h

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	gamma-Chlordane	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Heptachlor Epoxide	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Methoxychlor	4.9	4.9	4.9 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	p,p'-DDD	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	p,p'-DDE	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	p,p'-DDT	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Toxaphene	66.0	66.0	66.0 UJ		UG/KG	h/V1
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Aldrin	4.0	4.0	4.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	alpha-Chlordane	3.0	3.0	3.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	alpha-Endosulfan	1.7	1.7	1.7 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	beta-BHC (beta-Hexachlorocyclohexane)	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	beta-Endosulfan	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	delta-BHC (delta-Hexachlorocyclohexane)	4.0	4.0	4.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Dieldrin	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Endosulfan Sulfate	3.0	3.0	3.0 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Endrin	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Endrin Aldehyde	3.0	3.0	3.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Endrin Ketone	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	gamma-BHC (Lindane)	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	gamma-Chlordane	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Heptachlor	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Heptachlor Epoxide	2.5	2.5	2.5 UJ		UG/KG	h
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Methoxychlor	4.9	4.9	4.9 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	p,p'-DDD	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	p,p'-DDE	1.7	1.7	1.7 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	p,p'-DDT	2.0	2.0	2.0 UJ		UG/KG	h/V2
SW8081/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Toxaphene	66.0	66.0	66.0 UJ		UG/KG	h/V1

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	PCB-1016 (Arochlor 1016)	65.0	65.0	65.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	PCB-1221 (Arochlor 1221)	50.0	50.0	50.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	PCB-1232 (Arochlor 1232)	45.0	45.0	45.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	PCB-1248 (Arochlor 1248)	55.0	55.0	55.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	PCB-1254 (Arochlor 1254)	55.0	55.0	55.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	PCB-1260 (Arochlor 1260)	55.0	55.0	55.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	PCB-1016 (Arochlor 1016)	65.0	65.0	65.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	PCB-1221 (Arochlor 1221)	50.0	50.0	50.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	PCB-1232 (Arochlor 1232)	45.0	45.0	45.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	PCB-1248 (Arochlor 1248)	55.0	55.0	55.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	PCB-1254 (Arochlor 1254)	55.0	55.0	55.0 UJ		UG/KG	h
SW8082/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	PCB-1260 (Arochlor 1260)	55.0	55.0	55.0 UJ		UG/KG	h
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	068SB-0026-0001-TB	240-22663-30	N	Acetone	10.0	6.2	6.2 J		UG/L	TR/J
SW8260B/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Acetone	17.0	17.0	17.0 U	+	UG/KG	T
SW8260B/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Methylene Chloride	4.1	1.5	4.1 U	+	UG/KG	L
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	1,1,1-Trichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	1,1,2,2-Tetrachloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	1,1,2-Trichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	1,1-Dichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	1,1-Dichloroethene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	1,2-Dibromoethane (EDB)	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	1,2-Dichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	1,2-Dichloropropane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	2-Butanone (MEK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	2-Hexanone	22.0	22.0	22.0 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	4-Methyl-2-pentanone (MIBK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Acetone	22.0	15.0	22.0 UJ		UG/KG	I/T
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Benzene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Bromochloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Bromodichloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Bromoform	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Bromomethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Carbon Disulfide	5.5	5.5	5.5 UJ		UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Carbon Tetrachloride	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Chlorobenzene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Chloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Chloroform	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Chloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	cis-1,3-Dichloropropene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Dibromochloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Ethylbenzene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Methylene Chloride	5.5	3.3	5.5 UJ		UG/KG	L/I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Styrene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Tetrachloroethene (PCE)	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Toluene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	trans-1,3-Dichloropropene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Trichloroethene (TCE)	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Vinyl Chloride	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Acetone	20.0	20.0	20.0 U	+	UG/KG	T
SW8260B/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Methylene Chloride	4.9	2.2	4.9 U	+	UG/KG	L
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	1,1,1-Trichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	1,1,2,2-Tetrachloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	1,1,2-Trichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	1,1-Dichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	1,1-Dichloroethene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	1,2-Dibromoethane (EDB)	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	1,2-Dichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	1,2-Dichloropropane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	2-Butanone (MEK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	2-Hexanone	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	4-Methyl-2-pentanone (MIBK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Acetone	22.0	22.0	22.0 UJ		UG/KG	I/T
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Benzene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Bromochloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Bromodichloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Bromoform	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Bromomethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Carbon Disulfide	5.6	5.6	5.6 UJ		UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Carbon Tetrachloride	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Chlorobenzene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Chloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Chloroform	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Chloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	cis-1,3-Dichloropropene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Dibromochloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Ethylbenzene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Methylene Chloride	5.6	1.5	5.6 UJ		UG/KG	L/I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Styrene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Tetrachloroethene (PCE)	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Toluene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	trans-1,3-Dichloropropene	5.6	5.6	5.6 UJ	-	UG/KG	I



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Trichloroethene (TCE)	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Vinyl Chloride	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	1,1,1-Trichloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	1,1,2,2-Tetrachloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	1,1,2-Trichloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	1,1-Dichloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	1,1-Dichloroethene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	1,2-Dibromoethane (EDB)	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	1,2-Dichloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	1,2-Dichloroethene	12.0	12.0	12.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	1,2-Dichloropropane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	2-Butanone (MEK)	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	2-Hexanone	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	4-Methyl-2-pentanone (MIBK)	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Acetone	23.0	15.0	23.0 UJ		UG/KG	I/T
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Benzene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Bromochloromethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Bromodichloromethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Bromoform	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Bromomethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Carbon Disulfide	5.8	5.8	5.8 UJ		UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Carbon Tetrachloride	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Chlorobenzene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Chloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Chloroform	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Chloromethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	cis-1,3-Dichloropropene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Dibromochloromethane	5.8	5.8	5.8 UJ	-	UG/KG	I

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Ethylbenzene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Methylene Chloride	5.8	1.9	5.8 UJ		UG/KG	L/I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Styrene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Tetrachloroethene (PCE)	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Toluene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	trans-1,3-Dichloropropene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Trichloroethene (TCE)	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Vinyl Chloride	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Xylenes, Total	12.0	12.0	12.0 UJ	-	UG/KG	I
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Anthracene	33.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	bis(2-Ethylhexyl) Phthalate	350	140	140 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Benzo(b)fluoranthene	34.0	21.0	21.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Fluoranthene	34.0	21.0	21.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	bis(2-Ethylhexyl) Phthalate	350	110	110 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Fluoranthene	33.0	23.0	23.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Benzoic acid	3400	3400	3400 R		UG/KG	c
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Acenaphthylene	33.0	19.0	19.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Acenaphthylene	33.0	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Anthracene	33.0	28.0	28.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	bis(2-Ethylhexyl) Phthalate	350	120	120 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	2-Methylnaphthalene	6.7	5.5	5.5 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Di-n-Butyl Phthalate	70.0	27.0	70.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Benzo(a)anthracene	6.7	5.5	5.5 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Benzo(a)pyrene	6.7	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Benzoic acid	660	660	660 R		UG/KG	c
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	2-Methylnaphthalene	6.7	4.1	4.1 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Benzoic acid	670	670	670 R		UG/KG	c
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	bis(2-Ethylhexyl) Phthalate	71.0	53.0	53.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Di-n-Butyl Phthalate	71.0	29.0	71.0 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Naphthalene	6.7	6.1	6.1 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Phenanthrene	6.7	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	2,4-Dimethylphenol	740	740	740 UJ		UG/KG	m
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	2-Methylphenol (o-Cresol)	990	990	990 R		UG/KG	m
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	4,6-Dinitro-2-Methylphenol	740	740	740 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	4-Nitrophenol	1600	1600	1600 R		UG/KG	m
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Benzo(b)fluoranthene	33.0	21.0	21.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Benzoic acid	3300	3300	3300 R		UG/KG	c/m
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Dimethyl Phthalate	350	350	350 UJ		UG/KG	m
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Di-n-Butyl Phthalate	350	110	350 U	+	UG/KG	L
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Fluoranthene	33.0	28.0	28.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Pyrene	33.0	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Benzoic acid	770	770	770 R		UG/KG	c
SW8270C/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	bis(2-Ethylhexyl) Phthalate	81.0	35.0	35.0 J		UG/KG	TR
SW8270C/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Di-n-Butyl Phthalate	81.0	30.0	81.0 U	+	UG/KG	L
SW8270C/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	bis(2-Ethylhexyl) Phthalate	350	95.0	95.0 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	bis(2-Ethylhexyl) Phthalate	360	230	230 J		UG/KG	TR
SW8270C/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Di-n-Butyl Phthalate	360	120	360 U	+	UG/KG	L

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Di-n-Butyl Phthalate	350	110	350 U	+	UG/KG	L
SW8270C/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Benzoic acid	3300	3300	3300 R		UG/KG	c
SW8270C/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Benzoic acid	3300	3300	3300 R		UG/KG	c

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
E353.2/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Nitrocellulose	5.0	0.91	0.91 J	MG/KG	TR
E353.2/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Nitrocellulose	4.7	0.76	0.76 J	MG/KG	TR
E353.2/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Nitrocellulose	5.0	0.81	0.81 J	MG/KG	TR
E353.2/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Nitrocellulose	4.8	2.5	2.5 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Silver	0.099	0.036	0.036 J	MG/KG	TR
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Aluminum	3.0	11000	11000	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Arsenic	0.099	8.6	8.6	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Barium	0.99	81.0	81.0	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Beryllium	0.099	0.60	0.60 J	MG/KG	A
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Calcium	9.9	30000	30000	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Cadmium	0.099	0.26	0.26	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Cobalt	0.050	9.9	9.9	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Chromium	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Iron	5.0	22000	22000	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Potassium	9.9	1400	1400	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Magnesium	9.9	6200	6200	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Manganese	0.50	450	450	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Sodium	9.9	92.0	92.0	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Nickel	0.099	23.0	23.0	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Lead	0.099	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Antimony	0.20	0.068	0.068 J	MG/KG	TR/m
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Selenium	0.50	0.40	0.40 J	MG/KG	TR
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Thallium	0.099	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Vanadium	0.099	17.0	17.0	MG/KG	
SW6020/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Zinc	0.50	54.0	54.0	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Silver	0.10	0.034	0.034 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Aluminum	3.0	9300	9300	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Arsenic	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Barium	1.0	50.0	50.0	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Beryllium	0.10	0.44	0.44 J	MG/KG	A
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Calcium	10.0	34000	34000	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Cadmium	0.10	0.17	0.17	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Cobalt	0.050	10.0	10.0	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Iron	5.0	24000	24000	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Potassium	10.0	1400	1400	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Magnesium	10.0	7400	7400	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Manganese	0.50	380	380	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Sodium	10.0	88.0	88.0	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Nickel	0.10	25.0	25.0	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Selenium	0.50	0.22	0.22 J	MG/KG	TR
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Thallium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Vanadium	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Zinc	0.50	46.0	46.0	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Silver	0.099	0.040	0.040 J	MG/KG	TR
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Aluminum	3.0	11000	11000	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Arsenic	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Barium	0.99	74.0	74.0	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Beryllium	0.099	0.57	0.57 J	MG/KG	A
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Calcium	9.9	25000	25000	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Cadmium	0.099	0.23	0.23	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Cobalt	0.050	12.0	12.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Chromium	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Copper	0.20	20.0	20.0	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Iron	5.0	26000	26000	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Potassium	9.9	1500	1500	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Magnesium	9.9	7400	7400	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Manganese	0.50	360	360	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Sodium	9.9	120	120	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Nickel	0.099	29.0	29.0	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Lead	0.099	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Selenium	0.50	0.31	0.31 J	MG/KG	TR
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Thallium	0.099	0.16	0.16	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Vanadium	0.099	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Zinc	0.50	49.0	49.0	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Silver	0.10	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Aluminum	3.0	11000	11000	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Arsenic	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Barium	1.0	70.0	70.0	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Beryllium	0.10	0.53	0.53 J	MG/KG	A
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Calcium	10.0	30000	30000	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Cadmium	0.10	0.19	0.19	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Cobalt	0.050	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Chromium	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Iron	5.0	24000	24000	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Potassium	10.0	1500	1500	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Magnesium	10.0	7800	7800	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Manganese	0.50	410	410	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Sodium	10.0	130	130	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Nickel	0.10	27.0	27.0	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Selenium	0.50	0.28	0.28 J	MG/KG	TR
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Thallium	0.10	0.17	0.17	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Vanadium	0.10	17.0	17.0	MG/KG	
SW6020/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Zinc	0.50	47.0	47.0	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Silver	0.097	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Aluminum	2.9	11000	11000	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Arsenic	0.097	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Barium	0.97	61.0	61.0	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Beryllium	0.097	0.56	0.56 J	MG/KG	A
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Calcium	9.7	26000	26000	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Cadmium	0.097	0.19	0.19	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Cobalt	0.049	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Chromium	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Copper	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Iron	4.9	25000	25000	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Potassium	9.7	1400	1400	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Magnesium	9.7	7400	7400	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Manganese	0.49	380	380	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Sodium	9.7	120	120	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Nickel	0.097	29.0	29.0	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Lead	0.097	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Selenium	0.49	0.28	0.28 J	MG/KG	TR
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Thallium	0.097	0.16	0.16	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Vanadium	0.097	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Zinc	0.49	48.0	48.0	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Silver	0.10	0.036	0.036 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Aluminum	3.0	11000	11000	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Arsenic	0.10	9.0	9.0	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Barium	1.0	71.0	71.0	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Beryllium	0.10	0.59	0.59 J	MG/KG	A
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Calcium	10.0	14000	14000	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Cadmium	0.10	0.27	0.27	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Cobalt	0.050	10.0	10.0	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Chromium	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Iron	5.0	23000	23000	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Potassium	10.0	1300	1300	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Magnesium	10.0	4800	4800	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Manganese	0.50	520	520	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Sodium	10.0	71.0	71.0	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Nickel	0.10	23.0	23.0	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Lead	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Selenium	0.50	0.35	0.35 J	MG/KG	TR
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Thallium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Vanadium	0.10	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Zinc	0.50	53.0	53.0	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Silver	0.10	0.040	0.040 J	MG/KG	TR
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Aluminum	3.0	10000	10000	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Arsenic	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Barium	1.0	63.0	63.0	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Beryllium	0.10	0.58	0.58 J	MG/KG	A
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Calcium	10.0	16000	16000	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Cadmium	0.10	0.21	0.21	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Cobalt	0.050	11.0	11.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Iron	5.0	24000	24000	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Potassium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Magnesium	10.0	5500	5500	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Manganese	0.50	510	510	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Sodium	10.0	76.0	76.0	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Nickel	0.10	24.0	24.0	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Lead	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Selenium	0.50	0.33	0.33 J	MG/KG	TR
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Vanadium	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Zinc	0.50	56.0	56.0	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Silver	0.10	0.041	0.041 J	MG/KG	TR
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Aluminum	3.0	8700	8700	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Arsenic	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Barium	1.0	51.0	51.0	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Beryllium	0.10	0.42	0.42 J	MG/KG	A
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Calcium	10.0	20000	20000	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Cadmium	0.10	0.28	0.28	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Cobalt	0.050	9.1	9.1	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Copper	0.20	24.0	24.0	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Iron	5.0	22000	22000	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Potassium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Magnesium	10.0	5300	5300	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Manganese	0.50	420	420	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Sodium	10.0	78.0	78.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Nickel	0.10	21.0	21.0	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Lead	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Selenium	0.50	0.30	0.30 J	MG/KG	TR
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Vanadium	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Zinc	0.50	77.0	77.0	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Silver	0.097	0.036	0.036 J	MG/KG	TR
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Aluminum	2.9	13000	13000	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Arsenic	0.097	9.7	9.7	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Barium	0.97	81.0	81.0	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Beryllium	0.097	0.64	0.64 J	MG/KG	A
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Calcium	9.7	26000	26000	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Cadmium	0.097	0.21	0.21	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Cobalt	0.049	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Chromium	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Copper	0.19	20.0	20.0	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Iron	4.9	26000	26000	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Potassium	9.7	1700	1700	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Magnesium	9.7	7900	7900	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Manganese	0.49	410	410	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Sodium	9.7	98.0	98.0	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Nickel	0.097	31.0	31.0	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Lead	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Selenium	0.49	0.35	0.35 J	MG/KG	TR
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Thallium	0.097	0.18	0.18	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Vanadium	0.097	20.0	20.0	MG/KG	
SW6020/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Zinc	0.49	51.0	51.0	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Silver	0.098	0.035	0.035 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Aluminum	2.9	7400	7400	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Arsenic	0.098	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Barium	0.98	40.0	40.0	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Beryllium	0.098	0.38	0.38 J	MG/KG	A
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Calcium	9.8	22000	22000	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Cadmium	0.098	0.17	0.17	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Cobalt	0.049	8.8	8.8	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Chromium	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Copper	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Iron	4.9	22000	22000	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Potassium	9.8	970	970	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Magnesium	9.8	5600	5600	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Manganese	0.49	360	360	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Sodium	9.8	64.0	64.0	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Nickel	0.098	24.0	24.0	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Lead	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Selenium	0.49	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Thallium	0.098	0.12	0.12	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Vanadium	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Zinc	0.49	47.0	47.0	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Silver	0.095	0.041	0.041 J	MG/KG	TR
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Aluminum	2.9	10000	10000	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Arsenic	0.095	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Barium	0.95	69.0	69.0	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Beryllium	0.095	0.49	0.49 J	MG/KG	A
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Calcium	9.5	35000	35000	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Cadmium	0.095	0.21	0.21	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Cobalt	0.048	10.0	10.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Chromium	0.19	15.0	15.0	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Copper	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Iron	4.8	23000	23000	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Potassium	9.5	1400	1400	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Magnesium	9.5	7600	7600	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Manganese	0.48	400	400	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Sodium	9.5	83.0	83.0	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Nickel	0.095	26.0	26.0	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Lead	0.095	11.0	11.0	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Selenium	0.48	0.30	0.30 J	MG/KG	TR
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Thallium	0.095	0.15	0.15	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Vanadium	0.095	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Zinc	0.48	45.0	45.0	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Silver	0.096	0.038	0.038 J	MG/KG	TR
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Aluminum	2.9	8700	8700	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Arsenic	0.096	9.2	9.2	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Barium	0.96	54.0	54.0	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Beryllium	0.096	0.46	0.46 J	MG/KG	A
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Calcium	9.6	30000	30000	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Cadmium	0.096	0.18	0.18	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Cobalt	0.048	8.8	8.8	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Chromium	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Iron	4.8	20000	20000	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Potassium	9.6	1300	1300	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Magnesium	9.6	6600	6600	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Manganese	0.48	340	340	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Sodium	9.6	85.0	85.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Nickel	0.096	22.0	22.0	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Lead	0.096	9.5	9.5	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Selenium	0.48	0.37	0.37 J	MG/KG	TR
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Thallium	0.096	0.13	0.13	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Vanadium	0.096	14.0	14.0	MG/KG	
SW6020/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Zinc	0.48	40.0	40.0	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Silver	0.11	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Aluminum	3.4	8800	8800	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Arsenic	0.11	16.0	16.0	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Barium	1.1	34.0	34.0	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Beryllium	0.11	0.41	0.41 J	MG/KG	A
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Calcium	11.0	4300	4300	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Cadmium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Cobalt	0.057	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Chromium	0.23	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Copper	0.23	20.0	20.0	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Iron	5.7	26000	26000	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Potassium	11.0	1000	1000	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Magnesium	11.0	5200	5200	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Manganese	0.57	620	620	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Sodium	11.0	64.0	64.0	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Nickel	0.11	29.0	29.0	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Lead	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Selenium	0.57	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Thallium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Vanadium	0.11	13.0	13.0	MG/KG	
SW6020/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	Zinc	0.57	50.0	50.0	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Silver	0.087	0.024	0.024 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Aluminum	2.6	7500	7500	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Arsenic	0.087	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Barium	0.87	36.0	36.0	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Beryllium	0.087	0.38	0.38	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Calcium	8.7	1700	1700	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Cadmium	0.087	0.17	0.17	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Cobalt	0.043	9.2	9.2	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Chromium	0.17	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Copper	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Iron	4.3	25000	25000	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Potassium	8.7	1000	1000	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Magnesium	8.7	2600	2600	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Manganese	0.43	400	400	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Sodium	8.7	43.0	43.0	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Nickel	0.087	21.0	21.0	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Lead	0.087	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Antimony	0.17	0.044	0.044 J	MG/KG	TR/m
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Selenium	0.43	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Thallium	0.087	0.13	0.13	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Vanadium	0.087	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Zinc	0.43	56.0	56.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Silver	0.081	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Aluminum	2.4	5300	5300	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Arsenic	0.081	13.0	13.0	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Barium	0.81	25.0	25.0	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Beryllium	0.081	0.32	0.32	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Calcium	8.1	4500	4500	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Cadmium	0.081	0.17	0.17	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Cobalt	0.040	8.1	8.1	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Chromium	0.16	8.5	8.5	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Copper	0.16	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Iron	4.0	19000	19000	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Potassium	8.1	850	850	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Magnesium	8.1	2700	2700	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Manganese	0.40	410	410	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Sodium	8.1	38.0	38.0	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Nickel	0.081	18.0	18.0	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Lead	0.081	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Antimony	0.16	0.044	0.044 J	MG/KG	TR/m
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Selenium	0.40	0.19	0.19 J	MG/KG	TR
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Thallium	0.081	0.12	0.12	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Vanadium	0.081	9.4	9.4	MG/KG	
SW6020/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Zinc	0.40	54.0	54.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Silver	0.093	0.022	0.022 J	MG/KG	TR
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Aluminum	2.8	6800	6800	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Arsenic	0.093	19.0	19.0	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Barium	0.93	32.0	32.0	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Beryllium	0.093	0.35	0.35	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Calcium	9.3	640	640	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Cadmium	0.093	0.19	0.19	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Cobalt	0.046	8.7	8.7	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Chromium	0.19	10.0	10.0	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Copper	0.19	20.0	20.0	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Iron	4.6	22000	22000	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Potassium	9.3	1000	1000	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Magnesium	9.3	2100	2100	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Manganese	0.46	460	460	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Sodium	9.3	40.0	40.0	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Nickel	0.093	21.0	21.0	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Lead	0.093	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Antimony	0.19	0.067	0.067 J	MG/KG	TR/m
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Selenium	0.46	0.28	0.28 J	MG/KG	TR
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Thallium	0.093	0.15	0.15	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Vanadium	0.093	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Zinc	0.46	64.0	64.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Silver	0.081	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Aluminum	2.4	7000	7000	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Arsenic	0.081	15.0	15.0	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Barium	0.81	34.0	34.0	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Beryllium	0.081	0.40	0.40	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Calcium	8.1	710	710	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Cadmium	0.081	0.19	0.19	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Cobalt	0.040	8.7	8.7	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Chromium	0.16	10.0	10.0	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Copper	0.16	19.0	19.0	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Iron	4.0	24000	24000	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Potassium	8.1	970	970	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Magnesium	8.1	2200	2200	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Manganese	0.40	460	460	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Sodium	8.1	35.0	35.0	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Nickel	0.081	21.0	21.0	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Lead	0.081	16.0	16.0	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Antimony	0.16	0.055	0.055 J	MG/KG	TR/m
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Selenium	0.40	0.26	0.26 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Thallium	0.081	0.14	0.14	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Vanadium	0.081	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Zinc	0.40	62.0	62.0 J	MG/KG	A
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Silver	0.099	0.017	0.017 J	MG/KG	TR
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Aluminum	3.0	7000	7000	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Arsenic	0.099	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Barium	0.99	36.0	36.0	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Beryllium	0.099	0.41	0.41	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Calcium	9.9	670	670	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Cadmium	0.099	0.12	0.12	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Cobalt	0.050	8.3	8.3	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Chromium	0.20	10.0	10.0	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Copper	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Iron	5.0	20000	20000	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Potassium	9.9	760	760	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Magnesium	9.9	2200	2200	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Manganese	0.50	300	300	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Sodium	9.9	41.0	41.0	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Nickel	0.099	19.0	19.0	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Lead	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Antimony	0.20	0.047	0.047 J	MG/KG	TR/m/A
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Thallium	0.099	0.11	0.11	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Vanadium	0.099	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Zinc	0.50	51.0	51.0	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Silver	0.096	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Aluminum	2.9	4700	4700	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Arsenic	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Barium	0.96	25.0	25.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Beryllium	0.096	0.30	0.30	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Calcium	9.6	3100	3100	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Cadmium	0.096	0.16	0.16	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Cobalt	0.048	7.3	7.3	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Chromium	0.19	7.8	7.8	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Iron	4.8	20000	20000	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Potassium	9.6	730	730	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Magnesium	9.6	2100	2100	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Manganese	0.48	490	490	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Sodium	9.6	35.0	35.0	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Nickel	0.096	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Lead	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Antimony	0.19	0.24	0.24 J	MG/KG	m/A
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Thallium	0.096	0.12	0.12	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Vanadium	0.096	8.8	8.8	MG/KG	
SW6020/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Zinc	0.48	80.0	80.0	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Silver	0.10	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Aluminum	3.0	10000	10000	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Arsenic	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Barium	1.0	41.0	41.0	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Beryllium	0.10	0.52	0.52	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Calcium	10.0	7400	7400	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Cadmium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Cobalt	0.050	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Chromium	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Iron	5.0	27000	27000	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Potassium	10.0	1400	1400	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Magnesium	10.0	5500	5500	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Manganese	0.50	360	360	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Sodium	10.0	60.0	60.0	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Nickel	0.10	28.0	28.0	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Antimony	0.20	0.076	0.076 J	MG/KG	TR/m/A
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Vanadium	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Zinc	0.50	52.0	52.0	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Silver	0.096	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Aluminum	2.9	6200	6200	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Arsenic	0.096	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Barium	0.96	33.0	33.0	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Beryllium	0.096	0.36	0.36	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Calcium	9.6	2300	2300	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Cadmium	0.096	0.16	0.16	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Cobalt	0.048	8.1	8.1	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Chromium	0.19	9.7	9.7	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Iron	4.8	19000	19000	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Potassium	9.6	820	820	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Magnesium	9.6	2400	2400	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Manganese	0.48	340	340	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Sodium	9.6	38.0	38.0	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Nickel	0.096	20.0	20.0	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Lead	0.096	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Antimony	0.19	0.074	0.074 J	MG/KG	TR/m/A

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Thallium	0.096	0.12	0.12	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Vanadium	0.096	10.0	10.0	MG/KG	
SW6020/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Zinc	0.48	54.0	54.0	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Silver	0.11	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Aluminum	3.2	3700	3700	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Arsenic	0.11	7.7	7.7	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Barium	1.1	20.0	20.0	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Beryllium	0.11	0.27	0.27	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Calcium	11.0	9400	9400	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Cadmium	0.11	0.26	0.26	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Cobalt	0.054	6.4	6.4	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Chromium	0.22	6.1	6.1	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Copper	0.22	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Iron	5.4	17000	17000	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Potassium	11.0	660	660	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Magnesium	11.0	4600	4600	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Manganese	0.54	330	330	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Sodium	11.0	39.0	39.0	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Nickel	0.11	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Lead	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Antimony	0.22	0.089	0.089 J	MG/KG	TR/m/A
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Thallium	0.11	0.11	0.11	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Vanadium	0.11	7.0	7.0	MG/KG	
SW6020/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Zinc	0.54	67.0	67.0	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Silver	0.092	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Aluminum	2.8	11000	11000	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Arsenic	0.092	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Barium	0.92	57.0	57.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Beryllium	0.092	0.52	0.52	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Calcium	9.2	720	720	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Cadmium	0.092	0.18	0.18	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Cobalt	0.046	11.0	11.0	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Chromium	0.18	14.0	14.0	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Copper	0.18	19.0	19.0	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Iron	4.6	24000	24000	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Potassium	9.2	990	990	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Magnesium	9.2	2700	2700	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Manganese	0.46	340	340	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Sodium	9.2	36.0	36.0	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Nickel	0.092	22.0	22.0	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Lead	0.092	15.0	15.0	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Antimony	0.18	0.35	0.35 J	MG/KG	m
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Selenium	0.46	0.36	0.36 J	MG/KG	TR
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Thallium	0.092	0.16	0.16	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Vanadium	0.092	18.0	18.0	MG/KG	
SW6020/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Zinc	0.46	54.0	54.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Silver	0.085	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Aluminum	2.6	8700	8700	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Arsenic	0.085	7.3	7.3	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Barium	0.85	44.0	44.0	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Beryllium	0.085	0.25	0.25	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Calcium	8.5	260	260	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Cadmium	0.085	0.078	0.078 J	MG/KG	TR
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Cobalt	0.043	4.0	4.0	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Chromium	0.17	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Copper	0.17	12.0	12.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Iron	4.3	19000	19000	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Potassium	8.5	720	720	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Magnesium	8.5	1500	1500	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Manganese	0.43	150	150	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Sodium	8.5	27.0	27.0	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Nickel	0.085	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Lead	0.085	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Selenium	0.43	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Thallium	0.085	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Vanadium	0.085	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Zinc	0.43	33.0	33.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Silver	0.094	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Aluminum	2.8	7800	7800	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Arsenic	0.094	7.1	7.1	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Barium	0.94	43.0	43.0	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Beryllium	0.094	0.22	0.22	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Calcium	9.4	400	400	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Cadmium	0.094	0.073	0.073 J	MG/KG	TR
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Cobalt	0.047	3.3	3.3	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Chromium	0.19	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Copper	0.19	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Iron	4.7	17000	17000	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Potassium	9.4	660	660	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Magnesium	9.4	1200	1200	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Manganese	0.47	110	110	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Sodium	9.4	32.0	32.0	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Nickel	0.094	8.1	8.1	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Lead	0.094	14.0	14.0	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Selenium	0.47	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Thallium	0.094	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Vanadium	0.094	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Zinc	0.47	28.0	28.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Silver	0.092	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Aluminum	2.8	13000	13000	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Arsenic	0.092	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Barium	0.92	78.0	78.0	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Beryllium	0.092	0.64	0.64	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Calcium	9.2	1400	1400	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Cadmium	0.092	0.28	0.28	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Cobalt	0.046	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Chromium	0.18	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Copper	0.18	21.0	21.0	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Iron	4.6	24000	24000	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Potassium	9.2	1300	1300	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Magnesium	9.2	3700	3700	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Manganese	0.46	290	290	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Sodium	9.2	50.0	50.0	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Nickel	0.092	27.0	27.0	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Lead	0.092	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Selenium	0.46	0.33	0.33 J	MG/KG	TR
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Thallium	0.092	0.18	0.18	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Vanadium	0.092	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Zinc	0.46	59.0	59.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Silver	0.086	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Aluminum	2.6	9800	9800	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Arsenic	0.086	11.0	11.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Barium	0.86	54.0	54.0	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Beryllium	0.086	0.56	0.56	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Calcium	8.6	3000	3000	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Cadmium	0.086	0.23	0.23	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Cobalt	0.043	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Chromium	0.17	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Copper	0.17	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Iron	4.3	23000	23000	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Potassium	8.6	1100	1100	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Magnesium	8.6	3400	3400	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Manganese	0.43	300	300	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Sodium	8.6	46.0	46.0	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Nickel	0.086	28.0	28.0	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Lead	0.086	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Antimony	0.17	0.063	0.063 J	MG/KG	TR/m
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Selenium	0.43	0.29	0.29 J	MG/KG	TR
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Thallium	0.086	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Vanadium	0.086	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	Zinc	0.43	76.0	76.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Silver	0.090	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Aluminum	2.7	13000	13000	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Arsenic	0.090	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Barium	0.90	68.0	68.0	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Beryllium	0.090	0.58	0.58	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Calcium	9.0	590	590	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Cadmium	0.090	0.20	0.20	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Cobalt	0.045	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Chromium	0.18	17.0	17.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Copper	0.18	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Iron	4.5	26000	26000	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Potassium	9.0	1200	1200	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Magnesium	9.0	3200	3200	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Manganese	0.45	260	260	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Sodium	9.0	40.0	40.0	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Nickel	0.090	26.0	26.0	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Lead	0.090	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Selenium	0.45	0.28	0.28 J	MG/KG	TR
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Thallium	0.090	0.17	0.17	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Vanadium	0.090	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Zinc	0.45	74.0	74.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Silver	0.084	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Aluminum	2.5	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Arsenic	0.084	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Barium	0.84	77.0	77.0	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Beryllium	0.084	0.55	0.55	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Calcium	8.4	970	970	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Cadmium	0.084	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Cobalt	0.042	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Chromium	0.17	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Copper	0.17	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Iron	4.2	27000	27000	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Potassium	8.4	1100	1100	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Magnesium	8.4	3300	3300	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Manganese	0.42	380	380	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Sodium	8.4	45.0	45.0	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Nickel	0.084	28.0	28.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Lead	0.084	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Selenium	0.42	0.25	0.25 J	MG/KG	TR
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Thallium	0.084	0.17	0.17	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Vanadium	0.084	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Zinc	0.42	51.0	51.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Silver	0.099	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Aluminum	3.0	14000	14000	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Arsenic	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Barium	0.99	79.0	79.0	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Beryllium	0.099	0.62	0.62	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Calcium	9.9	1400	1400 J	MG/KG	d
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Cadmium	0.099	0.21	0.21	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Cobalt	0.050	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Chromium	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Copper	0.20	27.0	27.0	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Iron	5.0	27000	27000	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Potassium	9.9	1400	1400	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Magnesium	9.9	4000	4000	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Manganese	0.50	300	300	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Sodium	9.9	52.0	52.0	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Nickel	0.099	30.0	30.0	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Lead	0.099	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Selenium	0.50	0.27	0.27 J	MG/KG	TR
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Thallium	0.099	0.18	0.18	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Vanadium	0.099	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Zinc	0.50	60.0	60.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Silver	0.093	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Aluminum	2.8	13000	13000	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Arsenic	0.093	9.9	9.9	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Barium	0.93	76.0	76.0	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Beryllium	0.093	0.49	0.49	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Calcium	9.3	690	690	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Cadmium	0.093	0.14	0.14	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Cobalt	0.047	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Chromium	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Iron	4.7	26000	26000	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Potassium	9.3	1000	1000	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Magnesium	9.3	2600	2600	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Manganese	0.47	280	280	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Sodium	9.3	42.0	42.0	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Nickel	0.093	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Lead	0.093	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Selenium	0.47	0.33	0.33 J	MG/KG	TR
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Thallium	0.093	0.17	0.17	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Vanadium	0.093	23.0	23.0	MG/KG	
SW6020/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Zinc	0.47	45.0	45.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Silver	0.093	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Aluminum	2.8	14000	14000	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Arsenic	0.093	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Barium	0.93	71.0	71.0	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Beryllium	0.093	0.72	0.72	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Calcium	9.3	780	780 J	MG/KG	d
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Cadmium	0.093	0.22	0.22	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Cobalt	0.046	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Chromium	0.19	18.0	18.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Copper	0.19	28.0	28.0	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Iron	4.6	26000	26000	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Potassium	9.3	1200	1200	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Magnesium	9.3	3500	3500	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Manganese	0.46	270	270	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Sodium	9.3	42.0	42.0	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Nickel	0.093	27.0	27.0	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Lead	0.093	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Selenium	0.46	0.35	0.35 J	MG/KG	TR
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Thallium	0.093	0.18	0.18	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Vanadium	0.093	21.0	21.0	MG/KG	
SW6020/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Zinc	0.46	62.0	62.0 J	MG/KG	A
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Silver	0.098	0.035	0.035 J	MG/KG	TR
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Aluminum	2.9	8000	8000	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Arsenic	0.098	6.6	6.6	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Barium	0.98	59.0	59.0	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Beryllium	0.098	0.29	0.29	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Calcium	9.8	600	600	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Cadmium	0.098	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Cobalt	0.049	6.6	6.6	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Chromium	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Copper	0.20	8.9	8.9	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Iron	4.9	20000	20000	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Potassium	9.8	580	580	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Magnesium	9.8	1400	1400	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Manganese	0.49	450	450	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Sodium	9.8	27.0	27.0	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Nickel	0.098	10.0	10.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Lead	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Thallium	0.098	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Vanadium	0.098	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Zinc	0.49	100	100	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Silver	0.098	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Arsenic	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Barium	0.98	79.0	79.0	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Beryllium	0.098	0.60	0.60	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Calcium	9.8	2000	2000	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Cadmium	0.098	0.16	0.16	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Cobalt	0.049	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Chromium	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Iron	4.9	26000	26000	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Potassium	9.8	1100	1100	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Magnesium	9.8	3500	3500	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Manganese	0.49	310	310	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Sodium	9.8	42.0	42.0	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Nickel	0.098	26.0	26.0	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Lead	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Thallium	0.098	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Vanadium	0.098	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Zinc	0.49	62.0	62.0	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Silver	0.10	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Aluminum	3.0	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Arsenic	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Barium	1.0	72.0	72.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Beryllium	0.10	0.60	0.60	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Calcium	10.0	2700	2700	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Cadmium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Cobalt	0.050	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Chromium	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Iron	5.0	26000	26000	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Potassium	10.0	1100	1100	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Magnesium	10.0	3500	3500	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Manganese	0.50	300	300	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Sodium	10.0	42.0	42.0	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Nickel	0.10	25.0	25.0	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Lead	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Thallium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Vanadium	0.10	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Zinc	0.50	60.0	60.0	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Silver	0.097	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Arsenic	0.097	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Barium	0.97	72.0	72.0	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Beryllium	0.097	0.55	0.55 J	MG/KG	A
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Calcium	9.7	1000	1000	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Cadmium	0.097	0.18	0.18	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Cobalt	0.049	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Chromium	0.19	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Iron	4.9	25000	25000	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Potassium	9.7	890	890	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Magnesium	9.7	2800	2800	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Manganese	0.49	260	260	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Sodium	9.7	35.0	35.0	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Nickel	0.097	21.0	21.0	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Lead	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Selenium	0.49	0.35	0.35 J	MG/KG	TR
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Thallium	0.097	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Vanadium	0.097	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Zinc	0.49	68.0	68.0	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Silver	0.096	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Aluminum	2.9	8900	8900	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Arsenic	0.096	6.9	6.9	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Barium	0.96	58.0	58.0	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Beryllium	0.096	0.42	0.42	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Calcium	9.6	2200	2200	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Cadmium	0.096	0.22	0.22	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Cobalt	0.048	8.6	8.6	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Chromium	0.19	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Copper	0.19	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Iron	4.8	19000	19000	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Potassium	9.6	820	820	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Magnesium	9.6	2400	2400	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Manganese	0.48	560	560	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Sodium	9.6	34.0	34.0	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Nickel	0.096	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Lead	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Thallium	0.096	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Vanadium	0.096	16.0	16.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Zinc	0.48	160	160	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Silver	0.096	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Arsenic	0.096	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Barium	0.96	62.0	62.0	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Beryllium	0.096	0.58	0.58	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Calcium	9.6	3900	3900	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Cadmium	0.096	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Cobalt	0.048	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Chromium	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Copper	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Iron	4.8	27000	27000	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Potassium	9.6	1000	1000	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Magnesium	9.6	3800	3800	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Manganese	0.48	240	240	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Sodium	9.6	42.0	42.0	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Nickel	0.096	26.0	26.0	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Lead	0.096	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Thallium	0.096	0.15	0.15	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Vanadium	0.096	19.0	19.0	MG/KG	
SW6020/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Zinc	0.48	53.0	53.0	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Silver	0.097	0.035	0.035 J	MG/KG	TR
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Aluminum	2.9	9500	9500	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Arsenic	0.097	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Barium	0.97	82.0	82.0	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Beryllium	0.097	0.46	0.46	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Calcium	9.7	360	360	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Cadmium	0.097	0.098	0.098	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Cobalt	0.049	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Chromium	0.19	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Copper	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Iron	4.9	28000	28000	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Potassium	9.7	790	790	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Magnesium	9.7	2200	2200	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Manganese	0.49	840	840	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Sodium	9.7	32.0	32.0	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Nickel	0.097	18.0	18.0	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Lead	0.097	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Thallium	0.097	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Vanadium	0.097	20.0	20.0	MG/KG	
SW6020/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Zinc	0.49	47.0	47.0	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Silver	0.095	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Aluminum	2.9	7900	7900	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Arsenic	0.095	6.7	6.7	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Barium	0.95	51.0	51.0	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Beryllium	0.095	0.34	0.34	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Calcium	9.5	380	380	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Cadmium	0.095	0.18	0.18	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Cobalt	0.048	5.0	5.0	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Chromium	0.19	10.0	10.0	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Copper	0.19	9.4	9.4	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Iron	4.8	17000	17000	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Potassium	9.5	570	570	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Magnesium	9.5	1400	1400	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Manganese	0.48	130	130	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Sodium	9.5	27.0	27.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Nickel	0.095	12.0	12.0	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Lead	0.095	11.0	11.0	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Thallium	0.095	0.12	0.12	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Vanadium	0.095	14.0	14.0	MG/KG	
SW6020/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Zinc	0.48	42.0	42.0	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Silver	0.10	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Aluminum	3.1	2600	2600	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Arsenic	0.10	8.9	8.9	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Barium	1.0	15.0	15.0	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Beryllium	0.10	0.13	0.13 J	MG/KG	A
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Calcium	10.0	8800	8800	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Cadmium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Cobalt	0.051	3.9	3.9	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Chromium	0.20	4.0	4.0	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Copper	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Iron	5.1	12000	12000	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Potassium	10.0	440	440	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Magnesium	10.0	2800	2800	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Manganese	0.51	200	200	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Sodium	10.0	40.0	40.0	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Nickel	0.10	9.7	9.7	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Lead	0.10	8.1	8.1	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Antimony	0.20	0.26	0.26 J	MG/KG	m
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Selenium	0.51	0.17	0.17 J	MG/KG	TR
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Thallium	0.10	0.091	0.091 J	MG/KG	TR
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Vanadium	0.10	5.1	5.1	MG/KG	
SW6020/NONE	SO	079SB-0029M-0001-SO	240-22663-29	N	Zinc	0.51	43.0	43.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Mercury	0.11	0.041	0.041 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0019M-0001-SO	240-22663-33	N	Mercury	0.10	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0022M-0001-SO	240-22663-34	FD	Mercury	0.10	0.019	0.019 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Mercury	0.11	0.040	0.040 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Mercury	0.10	0.025	0.025 J	MG/KG	TR
SW7471A/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Mercury	0.11	0.050	0.050 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Mercury	0.11	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Mercury	0.098	0.020	0.020 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	Mercury	0.11	0.016	0.016 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Mercury	0.11	0.015	0.015 J	MG/KG	TR
SW7471A/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Mercury	0.12	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Mercury	0.11	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0010M-0001-SO	240-22663-1	N	Mercury	0.091	0.019	0.019 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0011M-0001-SO	240-22663-2	FD	Mercury	0.095	0.022	0.022 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0013M-0001-SO	240-22663-3	N	Mercury	0.095	0.014	0.014 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0015M-0001-SO	240-22663-5	N	Mercury	0.10	0.016	0.016 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0016M-0001-SO	240-22663-6	N	Mercury	0.098	0.015	0.015 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0017M-0001-SO	240-22663-7	N	Mercury	0.087	0.014	0.014 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0019M-0001-SO	240-22663-9	N	Mercury	0.11	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0020M-0001-SO	240-22663-8	FD	Mercury	0.11	0.024	0.024 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0021M-0001-SO	240-22663-21	N	Mercury	0.11	0.029	0.029 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0022M-0001-SO	240-22663-22	N	Mercury	0.095	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0023M-0001-SO	240-22663-23	FD	Mercury	0.087	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0024M-0001-SO	240-22663-24	N	Mercury	0.10	0.025	0.025 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0025M-0001-SO	240-22663-25	N	Mercury	0.10	0.022	0.022 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0026M-0001-SO	240-22663-26	N	Mercury	0.090	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0027M-0001-SO	240-22663-27	N	Mercury	0.092	0.025	0.025 J	MG/KG	TR
SW7471A/NONE	SO	079SB-0028M-0001-SO	240-22663-28	N	Mercury	0.097	0.026	0.026 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5	1.2	1.2 J	UG/KG	TR/h/P1
SW8081/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	p,p'-DDE	1.7	0.66	0.66 J	UG/KG	TR/h/V2
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	068SB-0026-0001-TB	240-22663-30	N	Acetone	10.0	6.2	6.2 J	UG/L	TR/J
SW8260B/NONE	WG	068SB-0026-0001-TB	240-22663-30	N	Methylene Chloride	1.0	1.2	1.2	UG/L	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Anthracene	33.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	bis(2-Ethylhexyl) Phthalate	350	140	140 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Benzo(a)anthracene	33.0	65.0	65.0	UG/KG	
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Benzo(a)pyrene	33.0	44.0	44.0	UG/KG	
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Benzo(b)fluoranthene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Benzo(g,h,i)perylene	33.0	54.0	54.0	UG/KG	
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Benzo(k)fluoranthene	33.0	33.0	33.0	UG/KG	
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Chrysene	33.0	78.0	78.0	UG/KG	
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Fluoranthene	33.0	140	140	UG/KG	
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Indeno(1,2,3-c,d)pyrene	33.0	51.0	51.0	UG/KG	
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Phenanthrene	33.0	48.0	48.0	UG/KG	
SW8270C/NONE	SO	068SB-0017M-0001-SO	240-22663-31	N	Pyrene	33.0	130	130	UG/KG	
SW8270C/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Benzo(b)fluoranthene	34.0	21.0	21.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0018M-0001-SO	240-22663-32	N	Fluoranthene	34.0	21.0	21.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	bis(2-Ethylhexyl) Phthalate	350	110	110 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0020M-0001-SO	240-22663-35	N	Fluoranthene	33.0	23.0	23.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Acenaphthylene	33.0	19.0	19.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Benzo(a)anthracene	33.0	80.0	80.0	UG/KG	
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Benzo(a)pyrene	33.0	70.0	70.0	UG/KG	
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Benzo(b)fluoranthene	33.0	140	140	UG/KG	
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Benzo(g,h,i)perylene	33.0	71.0	71.0	UG/KG	
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Benzo(k)fluoranthene	33.0	49.0	49.0	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Chrysene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Fluoranthene	33.0	140	140	UG/KG	
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Indeno(1,2,3-c,d)pyrene	33.0	61.0	61.0	UG/KG	
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Phenanthrene	33.0	55.0	55.0	UG/KG	
SW8270C/NONE	SO	068SB-0023M-0001-SO	240-22663-36	N	Pyrene	33.0	120	120	UG/KG	
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Acenaphthylene	33.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Anthracene	33.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	bis(2-Ethylhexyl) Phthalate	350	120	120 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Benzo(a)anthracene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Benzo(a)pyrene	33.0	94.0	94.0	UG/KG	
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Benzo(b)fluoranthene	33.0	200	200	UG/KG	
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Benzo(g,h,i)perylene	33.0	89.0	89.0	UG/KG	
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Benzo(k)fluoranthene	33.0	56.0	56.0	UG/KG	
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Chrysene	33.0	150	150	UG/KG	
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Fluoranthene	33.0	180	180	UG/KG	
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Indeno(1,2,3-c,d)pyrene	33.0	72.0	72.0	UG/KG	
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Phenanthrene	33.0	94.0	94.0	UG/KG	
SW8270C/NONE	SO	068SB-0024M-0001-SO	240-22663-37	N	Pyrene	33.0	170	170	UG/KG	
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Anthracene	34.0	52.0	52.0	UG/KG	
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Benzo(a)anthracene	34.0	120	120	UG/KG	
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Benzo(a)pyrene	34.0	83.0	83.0	UG/KG	
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Benzo(b)fluoranthene	34.0	140	140	UG/KG	
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Benzo(g,h,i)perylene	34.0	58.0	58.0	UG/KG	
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Benzo(k)fluoranthene	34.0	46.0	46.0	UG/KG	
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Chrysene	34.0	130	130	UG/KG	
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Fluoranthene	34.0	270	270	UG/KG	
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Indeno(1,2,3-c,d)pyrene	34.0	50.0	50.0	UG/KG	
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Phenanthrene	34.0	180	180	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	068SB-0025M-0001-SO	240-22663-38	N	Pyrene	34.0	220	220	UG/KG	
SW8270C/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	bis(2-Ethylhexyl) Phthalate	70.0	97.0	97.0	UG/KG	
SW8270C/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	2-Methylnaphthalene	6.7	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0027M-0001-SO	240-22663-40	N	Naphthalene	6.7	7.3	7.3	UG/KG	
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	bis(2-Ethylhexyl) Phthalate	70.0	110	110	UG/KG	
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Benzo(a)anthracene	6.7	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Benzo(a)pyrene	6.7	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Benzo(b)fluoranthene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Benzo(k)fluoranthene	6.7	6.8	6.8	UG/KG	
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Chrysene	6.7	11.0	11.0	UG/KG	
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Fluoranthene	6.7	17.0	17.0	UG/KG	
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	2-Methylnaphthalene	6.7	7.3	7.3	UG/KG	
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Naphthalene	6.7	8.0	8.0	UG/KG	
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Phenanthrene	6.7	9.6	9.6	UG/KG	
SW8270C/NONE	SO	068SB-0028M-0001-SO	240-22663-41	N	Pyrene	6.7	15.0	15.0	UG/KG	
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	bis(2-Ethylhexyl) Phthalate	71.0	53.0	53.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Benzo(a)anthracene	6.7	8.4	8.4	UG/KG	
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Benzo(a)pyrene	6.7	7.9	7.9	UG/KG	
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Benzo(b)fluoranthene	6.7	20.0	20.0	UG/KG	
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Benzo(g,h,i)perylene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Benzo(k)fluoranthene	6.7	9.9	9.9	UG/KG	
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Chrysene	6.7	17.0	17.0	UG/KG	
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Fluoranthene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Indeno(1,2,3-c,d)pyrene	6.7	8.4	8.4	UG/KG	
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	2-Methylnaphthalene	6.7	4.1	4.1 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Naphthalene	6.7	6.1	6.1 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Phenanthrene	6.7	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0030M-0001-SO	240-22663-43	N	Pyrene	6.7	11.0	11.0	UG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Benzo(b)fluoranthene	33.0	21.0	21.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Fluoranthene	33.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0031M-0001-SO	240-22663-44	N	Pyrene	33.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	068SB-0032M-0001-SO	240-22663-39	N	bis(2-Ethylhexyl) Phthalate	81.0	35.0	35.0 J	UG/KG	TR
SW8270C/NONE	SO	073SB-0041M-0001-SO	240-22663-17	N	bis(2-Ethylhexyl) Phthalate	350	95.0	95.0 J	UG/KG	TR
SW8270C/NONE	SO	079SB-0014M-0001-SO	240-22663-4	N	bis(2-Ethylhexyl) Phthalate	360	230	230 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Rejected Results**

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	068SB-0017M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	068SB-0018M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	068SB-0019M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	068SB-0020M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	068SB-0022M-0001-SO	FD	Benzoic acid	3400	3400	R	UG/KG	c
SW8270C/NONE	SO	068SB-0023M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	068SB-0024M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	068SB-0025M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	068SB-0027M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	068SB-0028M-0001-SO	N	Benzoic acid	660	660	R	UG/KG	c
SW8270C/NONE	SO	068SB-0030M-0001-SO	N	Benzoic acid	670	670	R	UG/KG	c
SW8270C/NONE	SO	068SB-0031M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c/m
SW8270C/NONE	SO	068SB-0031M-0001-SO	N	2-Methylphenol (o-Cresol)	990	990	R	UG/KG	m
SW8270C/NONE	SO	068SB-0031M-0001-SO	N	4-Nitrophenol	1600	1600	R	UG/KG	m
SW8270C/NONE	SO	068SB-0032M-0001-SO	N	Benzoic acid	770	770	R	UG/KG	c
SW8270C/NONE	SO	073SB-0041M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	079SB-0014M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	079SB-0017M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	079SB-0026M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c
SW8270C/NONE	SO	079SB-0028M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	c

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB

### Anomalies Count

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
SW6020/SW3050B/NONE	3	13
SW7471A/TOTAL/NONE	17	17
SW8081/SW3540C/NONE	6	96
SW8082/SW3540C/NONE	18	126
SW8260B/SW5030B/NONE	1	1
SW8270C/SW3550/NONE	18	399

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	068SB-0032M-0001-SO	N	1	Barium	34	0.012	1.1	1	MG/KG
SW6020/NONE	068SB-0032M-0001-SO	N	1	Beryllium	0.41 J	0.0085	0.11	0.1	MG/KG
SW6020/NONE	068SB-0032M-0001-SO	N	1	Cadmium	0.14	0.015	0.11	0.1	MG/KG
SW6020/NONE	068SB-0032M-0001-SO	N	1	Calcium	4300	1.5	11	10	MG/KG
SW6020/NONE	068SB-0032M-0001-SO	N	1	Magnesium	5200	1.2	11	10	MG/KG
SW6020/NONE	068SB-0032M-0001-SO	N	1	Selenium	0.25 J	0.058	0.57	0.5	MG/KG
SW6020/NONE	073SB-0044-0001-SO	N	1	Barium	20	0.012	1.1	1	MG/KG
SW6020/NONE	073SB-0044-0001-SO	N	1	Beryllium	0.27	0.0081	0.11	0.1	MG/KG
SW6020/NONE	073SB-0044-0001-SO	N	1	Cadmium	0.26	0.014	0.11	0.1	MG/KG
SW6020/NONE	073SB-0044-0001-SO	N	1	Calcium	9400	1.4	11	10	MG/KG
SW6020/NONE	073SB-0044-0001-SO	N	1	Magnesium	4600	1.2	11	10	MG/KG
SW6020/NONE	073SB-0044-0001-SO	N	1	Selenium	0.54 U	0.055	0.54	0.5	MG/KG
SW6020/NONE	079SB-0029M-0001-SO	N	1	Selenium	0.17 J	0.052	0.51	0.5	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	068SB-0017M-0001-SO	N	1	Mercury	0.041 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	068SB-0018M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	068SB-0020M-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	068SB-0023M-0001-SO	N	1	Mercury	0.04 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	068SB-0025M-0001-SO	N	1	Mercury	0.05 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	068SB-0030M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0036M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0037M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0038M-0001-SO	N	1	Mercury	0.018 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0041M-0001-SO	N	1	Mercury	0.016 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0043M-0001-SO	N	1	Mercury	0.015 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	073SB-0044-0001-SO	N	1	Mercury	0.027 J	0.017	0.12	0.1	MG/KG
SW7471A/NONE	073SS-0035M-0001-SO	N	1	Mercury	0.027 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0019M-0001-SO	N	1	Mercury	0.021 J	0.015	0.11	0.1	MG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	079SB-0020M-0001-SO	FD	1	Mercury	0.024 J	0.015	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0021M-0001-SO	N	1	Mercury	0.029 J	0.016	0.11	0.1	MG/KG
SW7471A/NONE	079SB-0029M-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	070SB-0046M-0001-SB	N	10	Aldrin	40 UJ	12	40	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	alpha-BHC (alpha-Hexachlorocyclohexane)	25 UJ	7.2	25	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	alpha-Chlordane	30 UJ	9.3	30	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	alpha-Endosulfan	17 UJ	5.1	17	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	beta-BHC (beta-Hexachlorocyclohexane)	35 UJ	11	35	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	beta-Endosulfan	25 UJ	8.1	25	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	delta-BHC (delta-Hexachlorocyclohexane)	40 UJ	12	40	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	Dieldrin	17 UJ	4.7	17	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	Endosulfan Sulfate	30 UJ	8.6	30	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	Endrin	17 UJ	4.9	17	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	Endrin Aldehyde	30 UJ	9.9	30	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	Endrin Ketone	20 UJ	6.2	20	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	gamma-BHC (Lindane)	25 UJ	7.3	25	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	gamma-Chlordane	17 UJ	4.2	17	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	Heptachlor	35 UJ	11	35	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	Heptachlor Epoxide	25 UJ	7.9	25	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	Methoxychlor	49 UJ	15	49	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	p,p'-DDD	20 UJ	6.1	20	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	p,p'-DDE	17 UJ	3.9	17	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	p,p'-DDT	20 UJ	6.2	20	1.7	UG/KG
SW8081/NONE	070SB-0046M-0001-SB	N	10	Toxaphene	660 UJ	190	660	170	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	Aldrin	4 UJ	1.2	4	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	1.2 J	0.73	2.5	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	alpha-Chlordane	3 UJ	0.94	3	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 UJ	1.1	3.5	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	073SB-0041M-0001-SO	N	1	beta-Endosulfan	2.5 UJ	0.82	2.5	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 UJ	1.2	4	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	Endosulfan Sulfate	3 UJ	0.87	3	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	Endrin Aldehyde	3 UJ	1	3	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	Endrin Ketone	2 UJ	0.63	2	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 UJ	0.74	2.5	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	Heptachlor Epoxide	2.5 UJ	0.8	2.5	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	Methoxychlor	5 UJ	1.5	5	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	p,p'-DDD	2 UJ	0.62	2	1.7	UG/KG
SW8081/NONE	073SB-0041M-0001-SO	N	1	p,p'-DDT	2 UJ	0.63	2	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	Aldrin	3.9 UJ	1.2	3.9	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 UJ	0.72	2.5	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	alpha-Chlordane	3 UJ	0.93	3	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	beta-Endosulfan	2.5 UJ	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	3.9 UJ	1.2	3.9	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	Endosulfan Sulfate	3 UJ	0.86	3	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	Endrin Aldehyde	3 UJ	0.99	3	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	Endrin Ketone	2 UJ	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 UJ	0.73	2.5	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	Heptachlor Epoxide	2.5 UJ	0.79	2.5	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	Methoxychlor	4.9 UJ	1.5	4.9	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	p,p'-DDD	2 UJ	0.61	2	1.7	UG/KG
SW8081/NONE	079SB-0014M-0001-SO	N	1	p,p'-DDT	2 UJ	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	Aldrin	4 UJ	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 UJ	0.73	2.5	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	alpha-Chlordane	3 UJ	0.94	3	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	079SB-0017M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	beta-Endosulfan	2.5 UJ	0.82	2.5	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 UJ	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	Endosulfan Sulfate	3 UJ	0.87	3	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	Endrin Aldehyde	3 UJ	1	3	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	Endrin Ketone	2 UJ	0.63	2	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 UJ	0.74	2.5	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	Heptachlor Epoxide	2.5 UJ	0.8	2.5	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	Methoxychlor	5 UJ	1.5	5	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	p,p'-DDD	2 UJ	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0017M-0001-SO	N	1	p,p'-DDT	2 UJ	0.63	2	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	Aldrin	3.9 UJ	1.2	3.9	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 UJ	0.72	2.5	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	alpha-Chlordane	3 UJ	0.93	3	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	beta-Endosulfan	2.5 UJ	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	3.9 UJ	1.2	3.9	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	Endosulfan Sulfate	3 UJ	0.86	3	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	Endrin Aldehyde	3 UJ	0.99	3	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	Endrin Ketone	2 UJ	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 UJ	0.73	2.5	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	Heptachlor Epoxide	2.5 UJ	0.79	2.5	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	Methoxychlor	4.9 UJ	1.5	4.9	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	p,p'-DDD	2 UJ	0.61	2	1.7	UG/KG
SW8081/NONE	079SB-0026M-0001-SO	N	1	p,p'-DDT	2 UJ	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	Aldrin	4 UJ	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.5 UJ	0.72	2.5	1.7	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	079SB-0028M-0001-SO	N	1	alpha-Chlordane	3 UJ	0.93	3	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	beta-Endosulfan	2.5 UJ	0.81	2.5	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4 UJ	1.2	4	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	Endosulfan Sulfate	3 UJ	0.86	3	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	Endrin Aldehyde	3 UJ	0.99	3	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	Endrin Ketone	2 UJ	0.62	2	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	gamma-BHC (Lindane)	2.5 UJ	0.73	2.5	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	Heptachlor	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	Heptachlor Epoxide	2.5 UJ	0.79	2.5	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	Methoxychlor	4.9 UJ	1.5	4.9	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	p,p'-DDD	2 UJ	0.61	2	1.7	UG/KG
SW8081/NONE	079SB-0028M-0001-SO	N	1	p,p'-DDT	2 UJ	0.62	2	1.7	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	068SB-0017M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	068SB-0017M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	068SB-0017M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	068SB-0017M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	39 U	13	39	33	UG/KG
SW8082/NONE	068SB-0017M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0017M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0017M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0018M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	068SB-0018M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0018M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0018M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0018M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0018M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0018M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0019M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	068SB-0019M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	068SB-0019M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	068SB-0019M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	068SB-0019M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0019M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0019M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0020M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0020M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0020M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0020M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0020M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0020M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0020M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0022M-0001-SO	FD	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	068SB-0022M-0001-SO	FD	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	068SB-0022M-0001-SO	FD	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	068SB-0022M-0001-SO	FD	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0022M-0001-SO	FD	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0022M-0001-SO	FD	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0022M-0001-SO	FD	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0023M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0023M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0023M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0023M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0023M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0023M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0023M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0024M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0024M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	068SB-0024M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0024M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0024M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0024M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0024M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0025M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0025M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0025M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0025M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0025M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0025M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0025M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0027M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	068SB-0027M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0027M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0027M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0027M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0027M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0027M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	068SB-0028M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0028M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0028M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	068SB-0028M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0028M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0028M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0028M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0030M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	068SB-0030M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	068SB-0030M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	068SB-0030M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0030M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0030M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0030M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	068SB-0031M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	068SB-0031M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	068SB-0031M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	068SB-0031M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	068SB-0031M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0031M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0031M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	068SB-0032M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	74 U	24	74	33	UG/KG
SW8082/NONE	068SB-0032M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	57 U	18	57	33	UG/KG
SW8082/NONE	068SB-0032M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	51 U	16	51	33	UG/KG
SW8082/NONE	068SB-0032M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	46 U	15	46	33	UG/KG
SW8082/NONE	068SB-0032M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	63 U	19	63	33	UG/KG
SW8082/NONE	068SB-0032M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	63 U	19	63	33	UG/KG
SW8082/NONE	068SB-0032M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	63 U	19	63	33	UG/KG
SW8082/NONE	073SB-0041M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	073SB-0041M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	073SB-0041M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	073SB-0041M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	39 U	13	39	33	UG/KG
SW8082/NONE	073SB-0041M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	073SB-0041M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	073SB-0041M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG
SW8082/NONE	079SB-0014M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	079SB-0014M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	079SB-0014M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	079SB-0014M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	079SB-0014M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	079SB-0014M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	079SB-0014M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	079SB-0017M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	079SB-0017M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	079SB-0017M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	079SB-0017M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	079SB-0017M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	079SB-0017M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	079SB-0017M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	079SB-0026M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 UJ	21	65	33	UG/KG
SW8082/NONE	079SB-0026M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 UJ	16	50	33	UG/KG
SW8082/NONE	079SB-0026M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 UJ	14	45	33	UG/KG
SW8082/NONE	079SB-0026M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 UJ	13	40	33	UG/KG
SW8082/NONE	079SB-0026M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 UJ	17	55	33	UG/KG
SW8082/NONE	079SB-0026M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 UJ	17	55	33	UG/KG
SW8082/NONE	079SB-0026M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 UJ	17	55	33	UG/KG
SW8082/NONE	079SB-0028M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 UJ	21	65	33	UG/KG
SW8082/NONE	079SB-0028M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 UJ	16	50	33	UG/KG
SW8082/NONE	079SB-0028M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 UJ	14	45	33	UG/KG
SW8082/NONE	079SB-0028M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 UJ	13	40	33	UG/KG
SW8082/NONE	079SB-0028M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 UJ	17	55	33	UG/KG
SW8082/NONE	079SB-0028M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 UJ	17	55	33	UG/KG
SW8082/NONE	079SB-0028M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 UJ	17	55	33	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	068SB-0026-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	073SB-0041M-0001-SO	N	1	1,2-Dichloroethene	8.3 U	0.64	8.3	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	1,1,1-Trichloroethane	5.5 UJ	0.61	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.5 UJ	0.37	5.5	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079SB-0014M-0001-SO	N	1	1,1,2-Trichloroethane	5.5 UJ	0.43	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	1,1-Dichloroethane	5.5 UJ	0.39	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	1,1-Dichloroethene	5.5 UJ	0.57	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.5 UJ	0.55	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	1,2-Dichloroethane	5.5 UJ	0.37	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	1,2-Dichloroethene	11 UJ	0.84	11	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	1,2-Dichloropropane	5.5 UJ	0.75	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	2-Butanone (MEK)	22 UJ	1.5	22	20	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	2-Hexanone	22 UJ	0.69	22	20	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	22 UJ	0.59	22	20	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Acetone	22 UJ	6.9	22	20	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Benzene	5.5 UJ	0.25	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Bromochloromethane	5.5 UJ	0.77	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Bromodichloromethane	5.5 UJ	0.31	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Bromoform	5.5 UJ	0.36	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Bromomethane	5.5 UJ	0.59	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Carbon Disulfide	5.5 UJ	0.48	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Carbon Tetrachloride	5.5 UJ	0.4	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Chlorobenzene	5.5 UJ	0.36	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Chloroethane	5.5 UJ	0.94	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Chloroform	5.5 UJ	0.32	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Chloromethane	5.5 UJ	0.45	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	cis-1,3-Dichloropropene	5.5 UJ	0.37	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Dibromochloromethane	5.5 UJ	0.6	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Ethylbenzene	5.5 UJ	0.28	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Methylene Chloride	5.5 UJ	0.73	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Styrene	5.5 UJ	0.16	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Tetrachloroethene (PCE)	5.5 UJ	0.57	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Toluene	5.5 UJ	0.29	5.5	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079SB-0014M-0001-SO	N	1	trans-1,3-Dichloropropene	5.5 UJ	0.59	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Trichloroethene (TCE)	5.5 UJ	0.46	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Vinyl Chloride	5.5 UJ	0.43	5.5	5	UG/KG
SW8260B/NONE	079SB-0014M-0001-SO	N	1	Xylenes, Total	11 UJ	0.73	11	10	UG/KG
SW8260B/NONE	079SB-0017M-0001-SO	N	1	1,2-Dichloroethene	9.8 U	0.75	9.8	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	1,1,1-Trichloroethane	5.6 UJ	0.62	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.6 UJ	0.38	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	1,1,2-Trichloroethane	5.6 UJ	0.43	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	1,1-Dichloroethane	5.6 UJ	0.4	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	1,1-Dichloroethene	5.6 UJ	0.58	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.6 UJ	0.56	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	1,2-Dichloroethane	5.6 UJ	0.38	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	1,2-Dichloroethene	11 UJ	0.86	11	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	1,2-Dichloropropane	5.6 UJ	0.77	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	2-Butanone (MEK)	22 UJ	1.6	22	20	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	2-Hexanone	22 UJ	0.7	22	20	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	22 UJ	0.6	22	20	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Acetone	22 UJ	7	22	20	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Benzene	5.6 UJ	0.26	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Bromochloromethane	5.6 UJ	0.79	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Bromodichloromethane	5.6 UJ	0.31	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Bromoform	5.6 UJ	0.37	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Bromomethane	5.6 UJ	0.6	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Carbon Disulfide	5.6 UJ	0.49	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Carbon Tetrachloride	5.6 UJ	0.41	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Chlorobenzene	5.6 UJ	0.37	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Chloroethane	5.6 UJ	0.96	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Chloroform	5.6 UJ	0.32	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Chloromethane	5.6 UJ	0.46	5.6	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079SB-0026M-0001-SO	N	1	cis-1,3-Dichloropropene	5.6 UJ	0.38	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Dibromochloromethane	5.6 UJ	0.61	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Ethylbenzene	5.6 UJ	0.29	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Methylene Chloride	5.6 UJ	0.75	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Styrene	5.6 UJ	0.17	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Tetrachloroethene (PCE)	5.6 UJ	0.58	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Toluene	5.6 UJ	0.3	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	trans-1,3-Dichloropropene	5.6 UJ	0.6	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Trichloroethene (TCE)	5.6 UJ	0.47	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Vinyl Chloride	5.6 UJ	0.43	5.6	5	UG/KG
SW8260B/NONE	079SB-0026M-0001-SO	N	1	Xylenes, Total	11 UJ	0.75	11	10	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	1,1,1-Trichloroethane	5.8 UJ	0.65	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.8 UJ	0.39	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	1,1,2-Trichloroethane	5.8 UJ	0.45	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	1,1-Dichloroethane	5.8 UJ	0.41	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	1,1-Dichloroethene	5.8 UJ	0.6	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.8 UJ	0.58	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	1,2-Dichloroethane	5.8 UJ	0.39	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	1,2-Dichloroethene	12 UJ	0.89	12	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	1,2-Dichloropropane	5.8 UJ	0.79	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	2-Butanone (MEK)	23 UJ	1.6	23	20	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	2-Hexanone	23 UJ	0.73	23	20	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	23 UJ	0.62	23	20	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Acetone	23 UJ	7.3	23	20	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Benzene	5.8 UJ	0.26	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Bromochloromethane	5.8 UJ	0.82	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Bromodichloromethane	5.8 UJ	0.32	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Bromoform	5.8 UJ	0.38	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Bromomethane	5.8 UJ	0.62	5.8	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Carbon Disulfide	5.8 UJ	0.51	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Carbon Tetrachloride	5.8 UJ	0.43	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Chlorobenzene	5.8 UJ	0.38	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Chloroethane	5.8 UJ	0.99	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Chloroform	5.8 UJ	0.33	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Chloromethane	5.8 UJ	0.47	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	cis-1,3-Dichloropropene	5.8 UJ	0.39	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Dibromochloromethane	5.8 UJ	0.63	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Ethylbenzene	5.8 UJ	0.3	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Methylene Chloride	5.8 UJ	0.77	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Styrene	5.8 UJ	0.17	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Tetrachloroethene (PCE)	5.8 UJ	0.6	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Toluene	5.8 UJ	0.31	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	trans-1,3-Dichloropropene	5.8 UJ	0.62	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Trichloroethene (TCE)	5.8 UJ	0.48	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Vinyl Chloride	5.8 UJ	0.45	5.8	5	UG/KG
SW8260B/NONE	079SB-0028M-0001-SO	N	1	Xylenes, Total	12 UJ	0.77	12	10	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0017M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	90	500	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	110	750	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0017M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Benzyl butyl phthalate	350 U	50	350	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Diethyl Phthalate	350 U	80	350	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Dimethyl Phthalate	350 U	85	350	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	75	350	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Di-n-Octylphthalate	350 U	140	350	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	068SB-0017M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	400	760	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	91	500	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0018M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Benzyl butyl phthalate	350 U	50	350	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Diethyl Phthalate	350 U	81	350	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Dimethyl Phthalate	350 U	86	350	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	76	350	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Di-n-Octylphthalate	350 U	140	350	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	068SB-0018M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	2,4,6-Trichlorophenol	740 U	390	740	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	2,4-Dichlorophenol	740 U	99	740	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	2,4-Dimethylphenol	740 U	99	740	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	2,4-Dinitrophenol	1600 U	390	1600	800	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	2,4-Dinitrotoluene	990 U	130	990	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	2,6-Dinitrotoluene	990 U	100	990	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	2-Methylphenol (o-Cresol)	990 U	390	990	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	2-Nitroaniline	990 U	45	990	800	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	3,3'-Dichlorobenzidine	490 U	89	490	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	3-Nitroaniline	990 U	79	990	800	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	4-Chloro-3-Methylphenol	740 U	100	740	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	4-Chloroaniline	740 U	84	740	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	4-Nitroaniline	990 U	130	990	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0019M-0001-SO	N	5	4-Nitrophenol	1600 U	390	1600	800	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Benzoic acid	3300 R	1600	3300	800	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Benzyl alcohol	1600 U	100	1600	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Benzyl butyl phthalate	340 U	49	340	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	490 U	110	490	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	490 U	9.9	490	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	490 U	47	490	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Carbazole	250 U	130	250	50	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Cresols, m & p	2000 U	99	2000	300	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Diethyl Phthalate	340 U	79	340	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Dimethyl Phthalate	340 U	84	340	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Di-n-Butyl Phthalate	340 U	74	340	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Di-n-Octylphthalate	340 U	130	340	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Hexachlorocyclopentadiene	1600 U	130	1600	330	UG/KG
SW8270C/NONE	068SB-0019M-0001-SO	N	5	Nitrobenzene	490 U	11	490	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	90	500	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	110	750	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Benzyl butyl phthalate	350 U	50	350	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Diethyl Phthalate	350 U	80	350	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Dimethyl Phthalate	350 U	85	350	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	75	350	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Di-n-Octylphthalate	350 U	140	350	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	068SB-0020M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	2,4,6-Trichlorophenol	760 U	410	760	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	2,4-Dinitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	2-Methylphenol (o-Cresol)	1000 U	410	1000	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	3,3'-Dichlorobenzidine	510 U	91	510	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	4-Nitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Benzoic acid	3400 R	1700	3400	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Benzyl butyl phthalate	360 U	51	360	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Diethyl Phthalate	360 U	81	360	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Dimethyl Phthalate	360 U	86	360	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Di-n-Butyl Phthalate	360 U	76	360	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Di-n-Octylphthalate	360 U	140	360	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	068SB-0022M-0001-SO	FD	5	Nitrobenzene	510 U	11	510	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	2,4-Dinitrophenol	1600 U	400	1600	800	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	130	1000	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	100	1000	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	2-Nitroaniline	1000 U	45	1000	800	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	90	500	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	4-Nitrophenol	1600 U	400	1600	800	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Benzyl alcohol	1600 U	100	1600	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Benzyl butyl phthalate	350 U	50	350	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	47	500	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Carbazole	250 U	130	250	50	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Diethyl Phthalate	350 U	80	350	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Dimethyl Phthalate	350 U	85	350	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	75	350	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Di-n-Octylphthalate	350 U	130	350	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Hexachlorocyclopentadiene	1600 U	130	1600	330	UG/KG
SW8270C/NONE	068SB-0023M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	90	500	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	110	750	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Benzyl butyl phthalate	350 U	50	350	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0024M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Diethyl Phthalate	350 U	80	350	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Dimethyl Phthalate	350 U	85	350	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	75	350	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Di-n-Octylphthalate	350 U	140	350	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	068SB-0024M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	91	500	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	110	750	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Benzyl butyl phthalate	350 U	50	350	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0025M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Diethyl Phthalate	350 U	80	350	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Dimethyl Phthalate	350 U	85	350	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	75	350	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Di-n-Octylphthalate	350 U	140	350	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	068SB-0025M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	068SB-0027M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0028M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0030M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	2,4,6-Trichlorophenol	740 U	390	740	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	2,4-Dichlorophenol	740 U	99	740	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	2,4-Dimethylphenol	740 UJ	99	740	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	2,4-Dinitrophenol	1600 U	390	1600	800	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	2,4-Dinitrotoluene	990 U	130	990	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	2,6-Dinitrotoluene	990 U	100	990	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	2-Methylphenol (o-Cresol)	990 R	390	990	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	2-Nitroaniline	990 U	45	990	800	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	3,3'-Dichlorobenzidine	490 U	89	490	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	3-Nitroaniline	990 U	79	990	800	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	4-Chloro-3-Methylphenol	740 U	100	740	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	4-Chloroaniline	740 U	84	740	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	4-Nitroaniline	990 U	130	990	800	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	4-Nitrophenol	1600 R	390	1600	800	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Benzoic acid	3300 R	1600	3300	800	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Benzyl alcohol	1600 U	100	1600	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Benzyl butyl phthalate	350 U	49	350	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	490 U	110	490	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	490 U	9.9	490	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	490 U	47	490	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Carbazole	250 U	130	250	50	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Cresols, m & p	2000 U	99	2000	300	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Diethyl Phthalate	350 U	79	350	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Dimethyl Phthalate	350 UJ	84	350	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	74	350	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Di-n-Octylphthalate	350 U	130	350	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Hexachlorocyclopentadiene	1600 U	130	1600	330	UG/KG
SW8270C/NONE	068SB-0031M-0001-SO	N	5	Nitrobenzene	490 U	11	490	330	UG/KG
SW8270C/NONE	068SB-0032M-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	068SB-0032M-0001-SO	N	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	068SB-0032M-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	068SB-0032M-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	90	500	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	110	750	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0041M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Benzyl butyl phthalate	350 U	50	350	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Diethyl Phthalate	350 U	80	350	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Dimethyl Phthalate	350 U	85	350	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	75	350	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Di-n-Octylphthalate	350 U	140	350	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	073SB-0041M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	410	760	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	410	1000	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	3,3'-Dichlorobenzidine	510 U	91	510	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	4-Nitrophenol	1700 U	410	1700	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Benzyl butyl phthalate	360 U	51	360	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Diethyl Phthalate	360 U	81	360	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Dimethyl Phthalate	360 U	86	360	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Di-n-Butyl Phthalate	360 U	76	360	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Di-n-Octylphthalate	360 U	140	360	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	079SB-0014M-0001-SO	N	5	Nitrobenzene	510 U	11	510	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	400	760	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	3,3'-Dichlorobenzidine	510 U	91	510	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Benzyl butyl phthalate	350 U	51	350	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Diethyl Phthalate	350 U	81	350	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Dimethyl Phthalate	350 U	86	350	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	76	350	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Di-n-Octylphthalate	350 U	140	350	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	079SB-0017M-0001-SO	N	5	Nitrobenzene	510 U	11	510	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	90	500	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	110	750	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Benzyl butyl phthalate	350 U	50	350	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Diethyl Phthalate	350 U	80	350	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Dimethyl Phthalate	350 U	85	350	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	75	350	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Di-n-Octylphthalate	350 U	140	350	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	079SB-0026M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	400	760	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	3,3'-Dichlorobenzidine	510 U	91	510	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Benzoic acid	3300 R	1700	3300	800	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Benzyl butyl phthalate	350 U	51	350	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Reporting Anomalies**

SDG Name: 240-22663-1\_68,70,73,79\_SB

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	079SB-0028M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Diethyl Phthalate	350 U	81	350	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Dimethyl Phthalate	350 U	86	350	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Di-n-Butyl Phthalate	350 U	76	350	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Di-n-Octylphthalate	350 U	140	350	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	079SB-0028M-0001-SO	N	5	Nitrobenzene	510 U	11	510	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB

### Worksheet

SDG Name: 240-22663-1\_68,70,73,79\_SB

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?		•		
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a duplicate sample prepared and analyzed with each batch?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

<b>Method: SW6020</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			1. MB 180-69114/1-A: Ba, Cu, and Zn detected above the MDL but below the RL. 2. MB 180-69160/1-A: As, Ca,Zn, and Se were detected above the MDL but below the RL. 3, MB 180-69260/1-A: Al, Ba, Ca, Cu, and Zn were detected above the MDL but below the RL.
Was a field blank collected and analyzed?		•		
Were target analytes reported in the field blank analyses above the MDL?			•	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	•			
Was the ICS recovery within QAPP acceptance limits?	•			
If a field duplicate was analyzed, were the RPDs within criteria?		•		240-22663-7/-8: Ca RPD: 56.9%.
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			MS and Laboratory Duplicate
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?		•		240-22663-5, 16, and 24: Sb recovered below the control limits.
Was a serial dilution prepared and analyzed with each batch?	•			
Was the serial dilution within QAPP acceptance limits?		•	•	1. 240-22663-5 (Batch: 69114): Zinc %D=17%. 2. 240-22663-16 ( Batch: 69160): ZN %D= 11%. 3. 240-22663-24: Be %D=13%.
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Method:** SW6020

Review Questions	Yes	No	NA	Comment
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Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
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**Method:** SW7471A

Review Questions	Yes	No	NA	Comment
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Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?		•		
Were target analytes reported in the field blank analyses above the MDL?			•	
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?	•			
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			MS and Laboratory Duplicate
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were the MS/MSD within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Method:** SW7471A

Review Questions	Yes	No	NA	Comment
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**Method:** SW8081

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?		•		The following samples were re-extracted outside the holding time: 04, 07, 10, 17, 26 and 28.
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?		•		Toxaphene %D= 38.9%.
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?		•		CCV 240-83400/24: Aldrin, Alpha-Chlordane, 4,4'-DDE, Endrin, 4,4'-DDD, Endrin Aldehyde, Methoxychlor, Endrin Ketone %Ds were outside control limits. CCV 240-84400/38: Aldrin, Gamma Chlordane, Alpha Chlordane, 4,4'-DDE, Dieldrin, 4,4'-DDD, and 4,4-DDT %D were outside the control limits.
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?		•		Sample-10: DCB recovered above the control limits in both columns.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

<b>Method: SW8081</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?	•			Sample -17: Alpha-BHC RPD was 26.1% >25% NFG.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

<b>Method: SW8082</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?		•		Samples 240-22663-26 and 28 were re-extracted outside the holding time due to low surrogate recovery in the initial analysis
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			15%
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?	•			15%
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			DCB surrogate recovered below the QC limit in the initial extraction for sample 26 and 28.

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

<b>Method: SW8082</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?			•	
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?	•			All PCBs were reported as non-detects.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

<b>Method: SW8260B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?				
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

Method: SW8260B				
Review Questions	Yes	No	NA	Comment
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			1. MB 240-80954/7: Carbon disulfide was detected above the MDL but below RL. Methylene chloride was detected above the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•			
Were target analytes reported in the field blank analyses above the MDL?	•			1. 068SB-0026-0001-TB (240-22663-30). Acetone was detected above the MDL but below the RL. Methylene chloride detected above the RL.
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was analyzed with each analytical batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Method:** SW8260B

Review Questions	Yes	No	NA	Comment
Were surrogate recoveries within QAPP acceptance limits?		•		one or more surrogate recovered below the control limits in the following samples: -4, 26, and 28.
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			

**Method:** SW8270C

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

<b>Method: SW8270C</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			MB 240-81754/21-A: Di-n-butyl phthalate was detected above the MDL but below the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was extracted with each preparation batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?		•		LCS 240-81754/22-A: Benzoic acid was not recovered. Benzoic acid was qualified (R) in the following samples: 4,7,17,28, 31-41, 43-44.
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		•		240-22663-44: Benzoic acid , 2-Methyl phenol and 4-Nitrophenol were not recovered. Dimethyl phthalate, 2,4- Dimethyl phenol were recovered below the control limits.
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			

<b>Method: SW8330B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

Method: SW8330B				
Review Questions	Yes	No	NA	Comment
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		1. MB 320-14065/1-A: Tetryl was not detected on the primary column; however it was detected on the confirmation column. Tetryl was false positive.
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?			•	All sample results were reported as non-detects.
Did PDA spectra for reported compounds match associated standard spectra?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-1\_68,70,73,79\_SB**

**Method:** SW8330B

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

**WORKSHEET 5**

**Automated Data Review Summary for 240-22663-2**

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**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Facility:** Ravenna Army Ammunition Plant

**Event:** Spring 2013 RI/SI Sampling Event

**Guidance Document:** Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

**Contract Laboratory:** TestAmerica, Inc., North Canton, OH

**Field Contractor:** Environmental Chemical Corporation, Otis Ang Base, MA

**Data Review Contractor:** ECC

**SDG:** 240-22663-2\_73\_SB,SS, Certified - 5/22/2013 by frederickroche

**QC Level:** ADR

**Project Manager:** Al Easterday

**Data Reviewer:** Samir A. Naguib

**Data Reviewer Title:** Sr. QA Chemist

**Date of Review Report:** June 11, 2013

**Samples Included in SDG 240-22663-2\_73\_SB,SS**

<b>Analytical Method/ Leach Method</b>	<b>Normal Soil Samples</b>	<b>Field QC Soil Samples</b>
SW8270C/NONE	8	1

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-22663-2\_73\_SB,SS. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

Field Blank

Initial Calibration Verification

Lab Replicate RPD

LCS RPD

Material Blank

Trip Blank

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

**Batch** – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

**QC Outlier** – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

**Qualified Results** – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

**Rejected Results** – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

**Field Duplicates** – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

**Data Submission Warnings** – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 594 results (100.00%) out of the 594 results (sample and field QC samples) reported are qualified based on review and 9 results (1.52%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

### Narrative Comments

Analytical Method	Comment
SW8270C	



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

11-Jun-2013

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Reviewed by Samir A. Naguib, Sr. QA Chemist

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reason and Comment Code Definitions**

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS

### Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Batch Report**

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
84611	83664	NA	LABQC	SQ	LABQC	MB 240-83664/14-A		1/1	26-Apr-2013 7:58 AM	26-Apr-2013 7:58 AM	03-May-2013 11:27 AM	LB
	83664	NA	LABQC	SQ	LABQC	LCS 240-83664/15-A		1/1	26-Apr-2013 7:58 AM	26-Apr-2013 7:58 AM	03-May-2013 11:53 AM	BS
	83664	NA	73-U16-DU1-SB5	SO	073SB-0044-0001-SO	240-22663-20		1/1	01-Apr-2013 1:29 PM	26-Apr-2013 7:58 AM	03-May-2013 2:07 PM	N
	83664	NA	73-U16-DU1-SB2	SO	073SB-0040M-0001-SO	240-22663-16		1/10	01-Apr-2013 12:53 PM	26-Apr-2013 7:58 AM	03-May-2013 2:34 PM	N
	83664	NA	73-U16-DU1-SB2	SO	073SB-0040M-0002-SO-MS	240-22663-16		1/10	01-Apr-2013 12:53 PM	26-Apr-2013 7:58 AM	03-May-2013 2:34 PM	MS
	83664	NA	73-U16-DU1-SB2	SO	073SB-0040M-0002-SO-MSD	240-22663-16		1/10	01-Apr-2013 12:53 PM	26-Apr-2013 7:58 AM	03-May-2013 2:34 PM	SD
	83664	NA	73-U16-DU1-SB2	SO	073SB-0040M-0002-SO-MS	240-22663-16		1/10	01-Apr-2013 12:53 PM	26-Apr-2013 7:58 AM	03-May-2013 3:01 PM	MS
	83664	NA	73-U16-DU1-SB2	SO	073SB-0040M-0002-SO-MSD	240-22663-16		1/10	01-Apr-2013 12:53 PM	26-Apr-2013 7:58 AM	03-May-2013 3:01 PM	SD
	83664	NA	73-U16-DU1-SB2	SO	073SB-0040M-0001-SO	240-22663-16		1/10	01-Apr-2013 12:53 PM	26-Apr-2013 7:58 AM	03-May-2013 3:27 PM	N
	83664	NA	73-U16-DU1-SB2	SO	073SB-0040M-0002-SO-MS	240-22663-16		1/10	01-Apr-2013 12:53 PM	26-Apr-2013 7:58 AM	03-May-2013 3:27 PM	MS
	83664	NA	73-U16-DU1-SB2	SO	073SB-0040M-0002-SO-MSD	240-22663-16		1/10	01-Apr-2013 12:53 PM	26-Apr-2013 7:58 AM	03-May-2013 3:27 PM	SD
	83664	NA	73-U16-DU1-SB4	SO	073SB-0042M-0001-SO	240-22663-18		1/10	01-Apr-2013 1:51 PM	26-Apr-2013 7:58 AM	03-May-2013 3:54 PM	N
	83664	NA	73-U16-DU1-SB5	SO	073SB-0043M-0001-SO	240-22663-19		1/10	01-Apr-2013 1:24 PM	26-Apr-2013 7:58 AM	03-May-2013 4:21 PM	N
	83664	NA	73-U16-DU1-SB1	SO	073SB-0038M-0001-SO	240-22663-14		1/10	01-Apr-2013 12:40 PM	26-Apr-2013 7:58 AM	03-May-2013 4:48 PM	N
	83664	NA	73-U16-DU1-SB	SO	073SB-0036M-0001-SO	240-22663-12		1/10	01-Apr-2013 1:45 PM	26-Apr-2013 7:58 AM	03-May-2013 5:14 PM	N
	83664	NA	73-U16-DU1-SB	SO	073SB-0037M-0001-SO	240-22663-13		1/10	01-Apr-2013 1:50 PM	26-Apr-2013 7:58 AM	03-May-2013 5:41 PM	N
84805	83664	NA	73-U16-DU1-SS	SO	073SS-0035M-0001-SO	240-22663-11		1/10	01-Apr-2013 2:20 PM	26-Apr-2013 7:58 AM	06-May-2013 12:47 PM	N
	83664	NA	73-U16-DU1-SB1	SO	073SB-0039M-0001-SO	240-22663-15		1/10	01-Apr-2013 12:40 AM	26-Apr-2013 7:58 AM	06-May-2013 1:14 PM	FD

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Field Batch Report**

**--No Records Found--**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550/NONE	LCS Recovery	LCS 240-83664/15-A (BS) / LCS 240-83664/15-A	1 / 1.00	Di-n-Butyl Phthalate	125 (PERCENT)	J/U	55 - 110	55 - 110	C			
SW8270C / SW3550/NONE	LCS Recovery	LCS 240-83664/15-A (BS) / LCS 240-83664/15-A	1 / 1.00	Fluoranthene	118 (PERCENT)	J/U	55 - 115	55 - 115	C			
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (MS) / 240-22663-16	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (SD) / 240-22663-16	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (MS) / 240-22663-16	1 / 10.00	2,4-Dimethylphenol	0.0000 (PERCENT)	J/UJ	30 - 105	30 - 105	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (MS) / 240-22663-16	1 / 10.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/UJ	15 - 130	15 - 130	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (SD) / 240-22663-16	1 / 10.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/UJ	15 - 130	15 - 130	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (MS) / 240-22663-16	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (SD) / 240-22663-16	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (MS) / 240-22663-16	1 / 10.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (SD) / 240-22663-16	1 / 10.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/UJ	10 - 130	10 - 130	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (MS) / 240-22663-16	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (SD) / 240-22663-16	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (MS) / 240-22663-16	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out		2.00
SW8270C / SW3550/NONE	MS Recovery	073SB-0040M-0002-SO- (SD) / 240-22663-16	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out		2.00
SW8270C / SW3550	Prep Hold Time	073SB-0036M-0001-SO (N) / 240-22663-12	1 / 10.00	All in Run	24.8 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	073SB-0037M-0001-SO (N) / 240-22663-13	1 / 10.00	All in Run	24.8 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	073SB-0038M-0001-SO (N) / 240-22663-14	1 / 10.00	All in Run	24.8 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	073SB-0039M-0001-SO (FD) / 240-22663-15	1 / 10.00	All in Run	25.3 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW8270C / SW3550	Prep Hold Time	073SB-0040M-0001-SO (N) / 240-22663-16	1 / 10.00	All in Run	24.8 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	073SB-0042M-0001-SO (N) / 240-22663-18	1 / 10.00	All in Run	24.8 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	073SB-0043M-0001-SO (N) / 240-22663-19	1 / 10.00	All in Run	24.8 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	073SB-0044-0001-SO (N) / 240-22663-20	1 / 1.00	All in Run	24.8 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	073SS-0035M-0001-SO (N) / 240-22663-11	1 / 10.00	All in Run	24.7 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550/NONE	Surrogate	073SB-0042M-0001-SO (N) / 240-22663-18	1 / 10.00	2,4,6-Tribromophenol	32.0 (PERCENT)	J/UJ	35 - 125	10 - 125	I	Diluted Out	2.00	



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	1,2,4-Trichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	1,2-Dichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	1,3-Dichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	1,4-Dichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2,4,5-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2,4,6-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2,4-Dichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2,4-Dimethylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2-Chloronaphthalene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2-Chlorophenol	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2-Methylnaphthalene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2-Methylphenol (o-Cresol)	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	2-Nitrophenol	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	4,6-Dinitro-2-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	4-Bromophenyl phenyl ether	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	4-Chloro-3-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	4-Chlorophenyl Phenyl Ether	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	4-Nitrophenol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Acenaphthene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Acenaphthylene	68.0	68.0	68.0 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Anthracene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Benzo(a)anthracene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Benzo(a)pyrene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Benzo(b)fluoranthene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Benzo(g,h,i)perylene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Benzo(k)fluoranthene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Benzoic acid	6700	6700	6700 R	-	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Benzyl alcohol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Benzyl butyl phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	bis(2-Ethylhexyl) Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Carbazole	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Chrysene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Cresols, m & p	4100	4100	4100 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Dibenz(a,h)anthracene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Dibenzofuran	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Diethyl Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Dimethyl Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Di-n-Butyl Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Di-n-Octylphthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Fluoranthene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Fluorene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Hexachlorobenzene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Hexachlorobutadiene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Hexachloroethane	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Indeno(1,2,3-c,d)pyrene	68.0	68.0	68.0 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Isophorone	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Naphthalene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	n-Nitrosodi-n-propylamine	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	n-Nitrosodiphenylamine	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Pentachlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Phenanthrene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Phenol	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0036M-0001-SO	240-22663-12	N	Pyrene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	1,2,4-Trichlorobenzene	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	1,2-Dichlorobenzene	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	1,3-Dichlorobenzene	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	1,4-Dichlorobenzene	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2,4,5-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2,4,6-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2,4-Dichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2,4-Dimethylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2-Chloronaphthalene	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2-Chlorophenol	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2-Methylnaphthalene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2-Methylphenol (o-Cresol)	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	2-Nitrophenol	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	3,3'-Dichlorobenzidine	990	990	990 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	4,6-Dinitro-2-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2/J

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	4-Bromophenyl phenyl ether	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	4-Chloro-3-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	4-Chlorophenyl Phenyl Ether	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	4-Nitrophenol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Acenaphthene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Acenaphthylene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Anthracene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Benzo(a)anthracene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Benzo(a)pyrene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Benzo(b)fluoranthene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Benzo(g,h,i)perylene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Benzo(k)fluoranthene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Benzoic acid	6500	6500	6500 R	-	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Benzyl alcohol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Benzyl butyl phthalate	690	690	690 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	bis(2-Chloroethoxy) Methane	990	990	990 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	990	990	990 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	bis(2-Chloroisopropyl) Ether	990	990	990 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	bis(2-Ethylhexyl) Phthalate	690	690	690 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Carbazole	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Chrysene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Cresols, m & p	4000	4000	4000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Dibenz(a,h)anthracene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Dibenzofuran	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Diethyl Phthalate	690	690	690 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Dimethyl Phthalate	690	690	690 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Di-n-Butyl Phthalate	690	690	690 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Di-n-Octylphthalate	690	690	690 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Fluoranthene	66.0	66.0	66.0 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Fluorene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Hexachlorobenzene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Hexachlorobutadiene	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Hexachloroethane	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Indeno(1,2,3-c,d)pyrene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Isophorone	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Naphthalene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Nitrobenzene	990	990	990 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	n-Nitrosodi-n-propylamine	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	n-Nitrosodiphenylamine	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Pentachlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Phenanthrene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Phenol	490	490	490 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0037M-0001-SO	240-22663-13	N	Pyrene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	1,2,4-Trichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	1,2-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	1,3-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	1,4-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2,4,5-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2,4,6-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2,4-Dichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2,4-Dimethylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2-Chloronaphthalene	500	500	500 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2-Chlorophenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2-Methylnaphthalene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2-Methylphenol (o-Cresol)	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	2-Nitrophenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	4,6-Dinitro-2-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	4-Bromophenyl phenyl ether	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	4-Chloro-3-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	4-Chlorophenyl Phenyl Ether	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	4-Nitrophenol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Acenaphthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Acenaphthylene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Benzo(a)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Benzo(a)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Benzo(b)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Benzo(k)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Benzoic acid	6700	6700	6700 R	-	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Benzyl alcohol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Benzyl butyl phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	bis(2-Ethylhexyl) Phthalate	710	710	710 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Carbazole	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Chrysene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Cresols, m & p	4000	4000	4000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Dibenz(a,h)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Dibenzofuran	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Diethyl Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Dimethyl Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Di-n-Butyl Phthalate	710	710	710 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Di-n-Octylphthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Fluorene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Hexachlorobenzene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Hexachlorobutadiene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Hexachloroethane	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Indeno(1,2,3-c,d)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Isophorone	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Naphthalene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	n-Nitrosodi-n-propylamine	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Pentachlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Phenanthrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Phenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0038M-0001-SO	240-22663-14	N	Pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	1,2,4-Trichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	1,2-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	1,3-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	1,4-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2,4,5-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2,4,6-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2,4-Dichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2,4-Dimethylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2-Chloronaphthalene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2-Chlorophenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2-Methylnaphthalene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2-Methylphenol (o-Cresol)	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	2-Nitrophenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	4,6-Dinitro-2-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	4-Bromophenyl phenyl ether	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	4-Chloro-3-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	4-Chlorophenyl Phenyl Ether	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	4-Nitrophenol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Acenaphthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Acenaphthylene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Benzo(a)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Benzo(a)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Benzo(b)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	H2



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Benzo(k)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Benzoic acid	6600	6600	6600 R	-	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Benzyl alcohol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Benzyl butyl phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	bis(2-Ethylhexyl) Phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Carbazole	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Chrysene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Cresols, m & p	4000	4000	4000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Dibenz(a,h)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Dibenzofuran	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Diethyl Phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Dimethyl Phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Di-n-Butyl Phthalate	700	700	700 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Di-n-Octylphthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Fluorene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Hexachlorobenzene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Hexachlorobutadiene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Hexachloroethane	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Indeno(1,2,3-c,d)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Isophorone	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Naphthalene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	n-Nitrosodi-n-propylamine	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Pentachlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Phenanthrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Phenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0039M-0001-SO	240-22663-15	FD	Pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	1,2,4-Trichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	1,2-Dichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	1,3-Dichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	1,4-Dichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2,4,5-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2,4,6-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2,4-Dichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2,4-Dimethylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2-Chloronaphthalene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2-Chlorophenol	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2-Methylnaphthalene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2-Methylphenol (o-Cresol)	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	2-Nitrophenol	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	4,6-Dinitro-2-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	4-Bromophenyl phenyl ether	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	4-Chloro-3-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	4-Chlorophenyl Phenyl Ether	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	4-Nitrophenol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Acenaphthene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Acenaphthylene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Anthracene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Benzo(a)anthracene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Benzo(a)pyrene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Benzo(b)fluoranthene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Benzo(g,h,i)perylene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Benzo(k)fluoranthene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Benzoic acid	6700	6700	6700 R	-	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Benzyl alcohol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Benzyl butyl phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	bis(2-Ethylhexyl) Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Carbazole	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Chrysene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Cresols, m & p	4100	4100	4100 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Dibenz(a,h)anthracene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Dibenzofuran	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Diethyl Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Dimethyl Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Di-n-Butyl Phthalate	710	710	710 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Di-n-Octylphthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Fluoranthene	68.0	68.0	68.0 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Fluorene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Hexachlorobenzene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Hexachlorobutadiene	510	510	510 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Hexachloroethane	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Indeno(1,2,3-c,d)pyrene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Isophorone	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Naphthalene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	n-Nitrosodi-n-propylamine	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	n-Nitrosodiphenylamine	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Pentachlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Phenanthrene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Phenol	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0040M-0001-SO	240-22663-16	N	Pyrene	68.0	68.0	68.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	1,2,4-Trichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	1,2-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	1,3-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	1,4-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2,4,5-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2,4,6-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2,4-Dichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2,4-Dimethylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2-Chloronaphthalene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2-Chlorophenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2-Methylnaphthalene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2-Methylphenol (o-Cresol)	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	2-Nitrophenol	500	500	500 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	4,6-Dinitro-2-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	4-Bromophenyl phenyl ether	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	4-Chloro-3-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	4-Chlorophenyl Phenyl Ether	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	4-Nitrophenol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Acenaphthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Acenaphthylene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Benzo(a)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Benzo(a)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Benzo(b)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Benzo(k)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Benzoic acid	6600	6600	6600 R	-	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Benzyl alcohol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Benzyl butyl phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	bis(2-Ethylhexyl) Phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Carbazole	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Chrysene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Cresols, m & p	4000	4000	4000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Dibenz(a,h)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Dibenzofuran	500	500	500 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Diethyl Phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Dimethyl Phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Di-n-Butyl Phthalate	700	700	700 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Di-n-Octylphthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Fluorene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Hexachlorobenzene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Hexachlorobutadiene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Hexachloroethane	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Indeno(1,2,3-c,d)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Isophorone	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Naphthalene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	n-Nitrosodi-n-propylamine	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Pentachlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Phenanthrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Phenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0042M-0001-SO	240-22663-18	N	Pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	1,2,4-Trichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	1,2-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	1,3-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	1,4-Dichlorobenzene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2,4,5-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2,4,6-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2,4-Dichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2,4-Dimethylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	H2/J

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2-Chloronaphthalene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2-Chlorophenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2-Methylnaphthalene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2-Methylphenol (o-Cresol)	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	2-Nitrophenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	4,6-Dinitro-2-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	4-Bromophenyl phenyl ether	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	4-Chloro-3-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	4-Chlorophenyl Phenyl Ether	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	4-Nitrophenol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Acenaphthene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Acenaphthylene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Anthracene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Benzo(a)anthracene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Benzo(a)pyrene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Benzo(b)fluoranthene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Benzo(g,h,i)perylene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Benzo(k)fluoranthene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Benzoic acid	6600	6600	6600 R	-	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Benzyl alcohol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Benzyl butyl phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	bis(2-Ethylhexyl) Phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Carbazole	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Chrysene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Cresols, m & p	4000	4000	4000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Dibenz(a,h)anthracene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Dibenzofuran	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Diethyl Phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Dimethyl Phthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Di-n-Butyl Phthalate	700	700	700 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Di-n-Octylphthalate	700	700	700 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Fluoranthene	66.0	66.0	66.0 UJ		UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Fluorene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Hexachlorobenzene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Hexachlorobutadiene	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Hexachloroethane	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Indeno(1,2,3-c,d)pyrene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Isophorone	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Naphthalene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	n-Nitrosodi-n-propylamine	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Pentachlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Phenanthrene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Phenol	500	500	500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0043M-0001-SO	240-22663-19	N	Pyrene	66.0	66.0	66.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	1,2,4-Trichlorobenzene	56.0	56.0	56.0 UJ	-	UG/KG	H2



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	1,2-Dichlorobenzene	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	1,3-Dichlorobenzene	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	1,4-Dichlorobenzene	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2,4,5-Trichlorophenol	170	170	170 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2,4,6-Trichlorophenol	170	170	170 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2,4-Dichlorophenol	170	170	170 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2,4-Dimethylphenol	170	170	170 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2,4-Dinitrophenol	370	370	370 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2,4-Dinitrotoluene	220	220	220 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2,6-Dinitrotoluene	220	220	220 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2-Chloronaphthalene	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2-Chlorophenol	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2-Methylnaphthalene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2-Methylphenol (o-Cresol)	220	220	220 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2-Nitroaniline	220	220	220 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	2-Nitrophenol	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	3,3'-Dichlorobenzidine	110	110	110 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	3-Nitroaniline	220	220	220 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ	-	UG/KG	H2/J
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	4-Bromophenyl phenyl ether	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	4-Chloro-3-Methylphenol	170	170	170 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	4-Chloroaniline	170	170	170 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	4-Chlorophenyl Phenyl Ether	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	4-Nitroaniline	220	220	220 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	4-Nitrophenol	370	370	370 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Acenaphthene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Acenaphthylene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Anthracene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Benzo(a)anthracene	7.5	7.5	7.5 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Benzo(a)pyrene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Benzo(b)fluoranthene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Benzo(g,h,i)perylene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Benzo(k)fluoranthene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Benzoic acid	740	740	740 R	-	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Benzyl alcohol	370	370	370 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Benzyl butyl phthalate	78.0	78.0	78.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	bis(2-Chloroethoxy) Methane	110	110	110 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	110	110	110 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	bis(2-Chloroisopropyl) Ether	110	110	110 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	bis(2-Ethylhexyl) Phthalate	78.0	40.0	40.0 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Carbazole	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Chrysene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Cresols, m & p	450	450	450 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Dibenz(a,h)anthracene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Dibenzofuran	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Diethyl Phthalate	78.0	78.0	78.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Dimethyl Phthalate	78.0	78.0	78.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Di-n-Butyl Phthalate	78.0	78.0	78.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Di-n-Octylphthalate	78.0	78.0	78.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Fluoranthene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Fluorene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Hexachlorobenzene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Hexachlorobutadiene	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Hexachlorocyclopentadiene	370	370	370 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Hexachloroethane	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Indeno(1,2,3-c,d)pyrene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Isophorone	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Naphthalene	7.5	7.5	7.5 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Nitrobenzene	110	110	110 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	n-Nitrosodi-n-propylamine	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	n-Nitrosodiphenylamine	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Pentachlorophenol	170	170	170 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Phenanthrene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Phenol	56.0	56.0	56.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	Pyrene	7.5	7.5	7.5 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	1,2,4-Trichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	1,2-Dichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	1,3-Dichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	1,4-Dichlorobenzene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2,4,5-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2,4,6-Trichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2,4-Dichlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2,4-Dimethylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2-Chloronaphthalene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2-Chlorophenol	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2-Methylnaphthalene	67.0	36.0	36.0 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2-Methylphenol (o-Cresol)	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2-Nitrophenol	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	4,6-Dinitro-2-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	4-Bromophenyl phenyl ether	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	4-Chloro-3-Methylphenol	1500	1500	1500 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	4-Chlorophenyl Phenyl Ether	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	4-Nitrophenol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Acenaphthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Acenaphthylene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Benzo(a)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Benzo(a)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Benzo(b)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Benzo(k)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Benzoic acid	6700	6700	6700 R	-	UG/KG	H2/c
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Benzyl alcohol	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Benzyl butyl phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	bis(2-Ethylhexyl) Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Carbazole	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Chrysene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Cresols, m & p	4000	4000	4000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Dibenz(a,h)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Dibenzofuran	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Diethyl Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Dimethyl Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Di-n-Butyl Phthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Di-n-Octylphthalate	710	710	710 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Fluorene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Hexachlorobenzene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Hexachlorobutadiene	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Hexachloroethane	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Indeno(1,2,3-c,d)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Isophorone	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Naphthalene	67.0	34.0	34.0 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	n-Nitrosodi-n-propylamine	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	n-Nitrosodiphenylamine	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Pentachlorophenol	1500	1500	1500 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Phenanthrene	67.0	67.0	67.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Phenol	510	510	510 UJ	-	UG/KG	H2
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Pyrene	67.0	67.0	67.0 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0044-0001-SO	240-22663-20	N	bis(2-Ethylhexyl) Phthalate	78.0	40.0	40.0 J -	UG/KG	H2/TR
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	2-Methylnaphthalene	67.0	36.0	36.0 J -	UG/KG	H2/TR
SW8270C/NONE	SO	073SS-0035M-0001-SO	240-22663-11	N	Naphthalene	67.0	34.0	34.0 J -	UG/KG	H2/TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Rejected Results**

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	073SB-0036M-0001-SO	N	Benzoic acid	6700	6700	R	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0037M-0001-SO	N	Benzoic acid	6500	6500	R	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0038M-0001-SO	N	Benzoic acid	6700	6700	R	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0039M-0001-SO	FD	Benzoic acid	6600	6600	R	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0040M-0001-SO	N	Benzoic acid	6700	6700	R	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0042M-0001-SO	N	Benzoic acid	6600	6600	R	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0043M-0001-SO	N	Benzoic acid	6600	6600	R	UG/KG	H2/c
SW8270C/NONE	SO	073SB-0044-0001-SO	N	Benzoic acid	740	740	R	UG/KG	H2/c
SW8270C/NONE	SO	073SS-0035M-0001-SO	N	Benzoic acid	6700	6700	R	UG/KG	H2/c

## AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS

### Anomalies Count

SDG Name: 240-22663-2\_73\_SB,SS

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
SW8270C/SW3550/NONE	9	508

Anomalies are cases where the reported RL exceeds that specified in the governing project document.

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0036M-0001-SO	N	10	1,2,4-Trichlorobenzene	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	1,2-Dichlorobenzene	510 UJ	98	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	1,3-Dichlorobenzene	510 UJ	110	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	1,4-Dichlorobenzene	510 UJ	200	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 UJ	250	1500	800	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 UJ	810	1500	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2,4-Dimethylphenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2,4-Dinitrophenol	3300 UJ	810	3300	800	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2,4-Dinitrotoluene	2000 UJ	270	2000	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2,6-Dinitrotoluene	2000 UJ	210	2000	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2-Chloronaphthalene	510 UJ	33	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2-Chlorophenol	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 UJ	810	2000	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2-Nitroaniline	2000 UJ	92	2000	800	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	2-Nitrophenol	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	3-Nitroaniline	2000 UJ	160	2000	800	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 UJ	810	1500	800	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	4-Bromophenyl phenyl ether	510 UJ	130	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 UJ	210	1500	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	4-Chloroaniline	1500 UJ	170	1500	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	510 UJ	130	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	4-Nitroaniline	2000 UJ	260	2000	800	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	4-Nitrophenol	3300 UJ	810	3300	800	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Acenaphthene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Acenaphthylene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Anthracene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Benzo(a)anthracene	68 UJ	33	68	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Benzo(a)pyrene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Benzo(b)fluoranthene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Benzo(g,h,i)perylene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Benzo(k)fluoranthene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Benzoic acid	6700 R	3400	6700	800	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Benzyl alcohol	3300 UJ	210	3300	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Benzyl butyl phthalate	710 UJ	100	710	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 UJ	220	1000	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 UJ	20	1000	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 UJ	96	1000	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	bis(2-Ethylhexyl) Phthalate	710 UJ	190	710	670	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Carbazole	510 UJ	270	510	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Chrysene	68 UJ	11	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Cresols, m & p	4100 UJ	200	4100	300	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Dibenz(a,h)anthracene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Dibenzofuran	510 UJ	33	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Diethyl Phthalate	710 UJ	160	710	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Dimethyl Phthalate	710 UJ	170	710	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Di-n-Butyl Phthalate	710 UJ	150	710	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Di-n-Octylphthalate	710 UJ	270	710	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Fluoranthene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Fluorene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Hexachlorobutadiene	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 UJ	270	3300	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Hexachloroethane	510 UJ	91	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Isophorone	510 UJ	130	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Naphthalene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Nitrobenzene	1000 UJ	22	1000	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0036M-0001-SO	N	10	n-Nitrosodi-n-propylamine	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Pentachlorophenol	1500 UJ	810	1500	800	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Phenanthrene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Phenol	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0036M-0001-SO	N	10	Pyrene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	1,2,4-Trichlorobenzene	490 UJ	270	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	1,2-Dichlorobenzene	490 UJ	96	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	1,3-Dichlorobenzene	490 UJ	110	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	1,4-Dichlorobenzene	490 UJ	200	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 UJ	250	1500	800	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 UJ	790	1500	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2,4-Dimethylphenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2,4-Dinitrophenol	3300 UJ	790	3300	800	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2,4-Dinitrotoluene	2000 UJ	270	2000	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2,6-Dinitrotoluene	2000 UJ	210	2000	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2-Chloronaphthalene	490 UJ	33	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2-Chlorophenol	490 UJ	270	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 UJ	790	2000	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2-Nitroaniline	2000 UJ	90	2000	800	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	2-Nitrophenol	490 UJ	270	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	3,3'-Dichlorobenzidine	990 UJ	180	990	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	3-Nitroaniline	2000 UJ	160	2000	800	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 UJ	790	1500	800	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	4-Bromophenyl phenyl ether	490 UJ	130	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 UJ	210	1500	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	4-Chloroaniline	1500 UJ	170	1500	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	490 UJ	130	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	4-Nitroaniline	2000 UJ	260	2000	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0037M-0001-SO	N	10	4-Nitrophenol	3300 UJ	790	3300	800	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Acenaphthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Acenaphthylene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Anthracene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Benzo(a)anthracene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Benzo(a)pyrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Benzo(b)fluoranthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Benzo(g,h,i)perylene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Benzo(k)fluoranthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Benzoic acid	6500 R	3300	6500	800	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Benzyl alcohol	3300 UJ	210	3300	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Benzyl butyl phthalate	690 UJ	99	690	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	990 UJ	220	990	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	990 UJ	20	990	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	990 UJ	94	990	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	bis(2-Ethylhexyl) Phthalate	690 UJ	190	690	670	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Carbazole	490 UJ	270	490	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Chrysene	66 UJ	11	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Cresols, m & p	4000 UJ	200	4000	300	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Dibenz(a,h)anthracene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Dibenzofuran	490 UJ	33	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Diethyl Phthalate	690 UJ	160	690	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Dimethyl Phthalate	690 UJ	170	690	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Di-n-Butyl Phthalate	690 UJ	150	690	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Di-n-Octylphthalate	690 UJ	270	690	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Fluoranthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Fluorene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Hexachlorobutadiene	490 UJ	270	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 UJ	270	3300	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Hexachloroethane	490 UJ	89	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Isophorone	490 UJ	130	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Naphthalene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Nitrobenzene	990 UJ	22	990	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	n-Nitrosodi-n-propylamine	490 UJ	270	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Pentachlorophenol	1500 UJ	790	1500	800	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Phenanthrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Phenol	490 UJ	270	490	330	UG/KG
SW8270C/NONE	073SB-0037M-0001-SO	N	10	Pyrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	1,2-Dichlorobenzene	500 UJ	98	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	1,3-Dichlorobenzene	500 UJ	110	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	1,4-Dichlorobenzene	500 UJ	200	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 UJ	250	1500	800	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 UJ	810	1500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2,4-Dimethylphenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2,4-Dinitrophenol	3300 UJ	810	3300	800	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2,4-Dinitrotoluene	2000 UJ	270	2000	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2,6-Dinitrotoluene	2000 UJ	210	2000	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2-Chloronaphthalene	500 UJ	33	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2-Chlorophenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 UJ	810	2000	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2-Nitroaniline	2000 UJ	92	2000	800	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	2-Nitrophenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	3-Nitroaniline	2000 UJ	160	2000	800	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 UJ	810	1500	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0038M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 UJ	210	1500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	4-Chloroaniline	1500 UJ	170	1500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	4-Nitroaniline	2000 UJ	260	2000	800	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	4-Nitrophenol	3300 UJ	810	3300	800	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Acenaphthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Acenaphthylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Benzo(a)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Benzo(a)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Benzo(b)fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Benzo(g,h,i)perylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Benzo(k)fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Benzoic acid	6700 R	3400	6700	800	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Benzyl alcohol	3300 UJ	210	3300	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Benzyl butyl phthalate	710 UJ	100	710	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 UJ	220	1000	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 UJ	20	1000	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 UJ	96	1000	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	bis(2-Ethylhexyl) Phthalate	710 UJ	190	710	670	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Carbazole	500 UJ	270	500	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Chrysene	67 UJ	11	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Cresols, m & p	4000 UJ	200	4000	300	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Dibenz(a,h)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Dibenzofuran	500 UJ	33	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Diethyl Phthalate	710 UJ	160	710	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Dimethyl Phthalate	710 UJ	170	710	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Di-n-Butyl Phthalate	710 UJ	150	710	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Di-n-Octylphthalate	710 UJ	270	710	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Fluorene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Hexachlorobutadiene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 UJ	270	3300	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Hexachloroethane	500 UJ	91	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Isophorone	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Naphthalene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Nitrobenzene	1000 UJ	22	1000	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Pentachlorophenol	1500 UJ	810	1500	800	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Phenanthrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Phenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0038M-0001-SO	N	10	Pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	1,2,4-Trichlorobenzene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	1,2-Dichlorobenzene	500 UJ	97	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	1,3-Dichlorobenzene	500 UJ	110	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	1,4-Dichlorobenzene	500 UJ	200	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2,4,5-Trichlorophenol	1500 UJ	250	1500	800	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2,4,6-Trichlorophenol	1500 UJ	800	1500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2,4-Dimethylphenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2,4-Dinitrophenol	3300 UJ	800	3300	800	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2,4-Dinitrotoluene	2000 UJ	270	2000	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2,6-Dinitrotoluene	2000 UJ	210	2000	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2-Chloronaphthalene	500 UJ	33	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2-Chlorophenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2-Methylphenol (o-Cresol)	2000 UJ	800	2000	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2-Nitroaniline	2000 UJ	91	2000	800	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	2-Nitrophenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	3-Nitroaniline	2000 UJ	160	2000	800	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	4,6-Dinitro-2-Methylphenol	1500 UJ	800	1500	800	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	4-Bromophenyl phenyl ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	4-Chloro-3-Methylphenol	1500 UJ	210	1500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	4-Chloroaniline	1500 UJ	170	1500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	4-Chlorophenyl Phenyl Ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	4-Nitroaniline	2000 UJ	260	2000	800	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	4-Nitrophenol	3300 UJ	800	3300	800	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Acenaphthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Acenaphthylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Benzo(a)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Benzo(a)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Benzo(b)fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Benzo(g,h,i)perylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Benzo(k)fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Benzoic acid	6600 R	3300	6600	800	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Benzyl alcohol	3300 UJ	210	3300	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Benzyl butyl phthalate	700 UJ	100	700	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	bis(2-Chloroethoxy) Methane	1000 UJ	220	1000	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 UJ	20	1000	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	bis(2-Chloroisopropyl) Ether	1000 UJ	95	1000	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	bis(2-Ethylhexyl) Phthalate	700 UJ	190	700	670	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Carbazole	500 UJ	270	500	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Chrysene	67 UJ	11	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Cresols, m & p	4000 UJ	200	4000	300	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Dibenz(a,h)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Dibenzofuran	500 UJ	33	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Diethyl Phthalate	700 UJ	160	700	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Dimethyl Phthalate	700 UJ	170	700	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Di-n-Butyl Phthalate	700 UJ	150	700	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Di-n-Octylphthalate	700 UJ	270	700	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Fluorene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Hexachlorobutadiene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Hexachlorocyclopentadiene	3300 UJ	270	3300	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Hexachloroethane	500 UJ	90	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Indeno(1,2,3-c,d)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Isophorone	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Naphthalene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Nitrobenzene	1000 UJ	22	1000	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	n-Nitrosodi-n-propylamine	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Pentachlorophenol	1500 UJ	800	1500	800	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Phenanthrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Phenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0039M-0001-SO	FD	10	Pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	1,2,4-Trichlorobenzene	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	1,2-Dichlorobenzene	510 UJ	98	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	1,3-Dichlorobenzene	510 UJ	110	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	1,4-Dichlorobenzene	510 UJ	200	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 UJ	250	1500	800	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 UJ	810	1500	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2,4-Dimethylphenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2,4-Dinitrophenol	3300 UJ	810	3300	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2,4-Dinitrotoluene	2000 UJ	270	2000	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2,6-Dinitrotoluene	2000 UJ	210	2000	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2-Chloronaphthalene	510 UJ	33	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2-Chlorophenol	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 UJ	810	2000	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2-Nitroaniline	2000 UJ	92	2000	800	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	2-Nitrophenol	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	3-Nitroaniline	2000 UJ	160	2000	800	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 UJ	810	1500	800	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	4-Bromophenyl phenyl ether	510 UJ	130	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 UJ	210	1500	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	4-Chloroaniline	1500 UJ	170	1500	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	510 UJ	130	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	4-Nitroaniline	2000 UJ	260	2000	800	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	4-Nitrophenol	3300 UJ	810	3300	800	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Acenaphthene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Acenaphthylene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Anthracene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Benzo(a)anthracene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Benzo(a)pyrene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Benzo(b)fluoranthene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Benzo(g,h,i)perylene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Benzo(k)fluoranthene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Benzoic acid	6700 R	3400	6700	800	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Benzyl alcohol	3300 UJ	210	3300	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Benzyl butyl phthalate	710 UJ	100	710	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 UJ	220	1000	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 UJ	20	1000	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0040M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 UJ	96	1000	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	bis(2-Ethylhexyl) Phthalate	710 UJ	190	710	670	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Carbazole	510 UJ	270	510	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Chrysene	68 UJ	11	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Cresols, m & p	4100 UJ	200	4100	300	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Dibenz(a,h)anthracene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Dibenzofuran	510 UJ	33	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Diethyl Phthalate	710 UJ	160	710	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Dimethyl Phthalate	710 UJ	170	710	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Di-n-Butyl Phthalate	710 UJ	150	710	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Di-n-Octylphthalate	710 UJ	270	710	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Fluoranthene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Fluorene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Hexachlorobutadiene	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 UJ	270	3300	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Hexachloroethane	510 UJ	91	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Isophorone	510 UJ	130	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Naphthalene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Nitrobenzene	1000 UJ	22	1000	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	n-Nitrosodi-n-propylamine	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Pentachlorophenol	1500 UJ	810	1500	800	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Phenanthrene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Phenol	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SB-0040M-0001-SO	N	10	Pyrene	68 UJ	33	68	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	1,2-Dichlorobenzene	500 UJ	97	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	1,3-Dichlorobenzene	500 UJ	110	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	1,4-Dichlorobenzene	500 UJ	200	500	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 UJ	250	1500	800	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 UJ	800	1500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2,4-Dimethylphenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2,4-Dinitrophenol	3300 UJ	800	3300	800	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2,4-Dinitrotoluene	2000 UJ	270	2000	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2,6-Dinitrotoluene	2000 UJ	210	2000	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2-Chloronaphthalene	500 UJ	33	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2-Chlorophenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 UJ	800	2000	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2-Nitroaniline	2000 UJ	91	2000	800	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	2-Nitrophenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	3-Nitroaniline	2000 UJ	160	2000	800	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 UJ	800	1500	800	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 UJ	210	1500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	4-Chloroaniline	1500 UJ	170	1500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	4-Nitroaniline	2000 UJ	260	2000	800	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	4-Nitrophenol	3300 UJ	800	3300	800	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Acenaphthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Acenaphthylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Benzo(a)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Benzo(a)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Benzo(b)fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Benzo(g,h,i)perylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Benzo(k)fluoranthene	67 UJ	33	67	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Benzoic acid	6600 R	3300	6600	800	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Benzyl alcohol	3300 UJ	210	3300	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Benzyl butyl phthalate	700 UJ	100	700	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 UJ	220	1000	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 UJ	20	1000	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 UJ	95	1000	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	bis(2-Ethylhexyl) Phthalate	700 UJ	190	700	670	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Carbazole	500 UJ	270	500	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Chrysene	67 UJ	11	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Cresols, m & p	4000 UJ	200	4000	300	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Dibenz(a,h)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Dibenzofuran	500 UJ	33	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Diethyl Phthalate	700 UJ	160	700	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Dimethyl Phthalate	700 UJ	170	700	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Di-n-Butyl Phthalate	700 UJ	150	700	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Di-n-Octylphthalate	700 UJ	270	700	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Fluorene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Hexachlorobutadiene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 UJ	270	3300	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Hexachloroethane	500 UJ	90	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Isophorone	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Naphthalene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Nitrobenzene	1000 UJ	22	1000	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Pentachlorophenol	1500 UJ	800	1500	800	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Phenanthrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Phenol	500 UJ	270	500	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0042M-0001-SO	N	10	Pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	1,2-Dichlorobenzene	500 UJ	97	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	1,3-Dichlorobenzene	500 UJ	110	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	1,4-Dichlorobenzene	500 UJ	200	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 UJ	250	1500	800	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 UJ	800	1500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2,4-Dimethylphenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2,4-Dinitrophenol	3300 UJ	800	3300	800	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2,4-Dinitrotoluene	2000 UJ	270	2000	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2,6-Dinitrotoluene	2000 UJ	210	2000	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2-Chloronaphthalene	500 UJ	33	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2-Chlorophenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 UJ	800	2000	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2-Nitroaniline	2000 UJ	91	2000	800	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	2-Nitrophenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	3-Nitroaniline	2000 UJ	160	2000	800	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 UJ	800	1500	800	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 UJ	210	1500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	4-Chloroaniline	1500 UJ	170	1500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	4-Nitroaniline	2000 UJ	260	2000	800	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	4-Nitrophenol	3300 UJ	800	3300	800	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Acenaphthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Acenaphthylene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Anthracene	66 UJ	33	66	50	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Benzo(a)anthracene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Benzo(a)pyrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Benzo(b)fluoranthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Benzo(g,h,i)perylene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Benzo(k)fluoranthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Benzoic acid	6600 R	3300	6600	800	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Benzyl alcohol	3300 UJ	210	3300	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Benzyl butyl phthalate	700 UJ	100	700	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 UJ	220	1000	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 UJ	20	1000	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 UJ	95	1000	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	bis(2-Ethylhexyl) Phthalate	700 UJ	190	700	670	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Carbazole	500 UJ	270	500	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Chrysene	66 UJ	11	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Cresols, m & p	4000 UJ	200	4000	300	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Dibenz(a,h)anthracene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Dibenzofuran	500 UJ	33	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Diethyl Phthalate	700 UJ	160	700	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Dimethyl Phthalate	700 UJ	170	700	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Di-n-Butyl Phthalate	700 UJ	150	700	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Di-n-Octylphthalate	700 UJ	270	700	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Fluoranthene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Fluorene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Hexachlorobutadiene	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 UJ	270	3300	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Hexachloroethane	500 UJ	90	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Isophorone	500 UJ	130	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Naphthalene	66 UJ	33	66	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Nitrobenzene	1000 UJ	22	1000	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Pentachlorophenol	1500 UJ	800	1500	800	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Phenanthrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Phenol	500 UJ	270	500	330	UG/KG
SW8270C/NONE	073SB-0043M-0001-SO	N	10	Pyrene	66 UJ	33	66	50	UG/KG
SW8270C/NONE	073SB-0044-0001-SO	N	1	Benzyl alcohol	370 UJ	23	370	330	UG/KG
SW8270C/NONE	073SB-0044-0001-SO	N	1	Carbazole	56 UJ	30	56	50	UG/KG
SW8270C/NONE	073SB-0044-0001-SO	N	1	Cresols, m & p	450 UJ	22	450	300	UG/KG
SW8270C/NONE	073SB-0044-0001-SO	N	1	Hexachlorocyclopentadiene	370 UJ	30	370	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	1,2,4-Trichlorobenzene	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	1,2-Dichlorobenzene	510 UJ	98	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	1,3-Dichlorobenzene	510 UJ	110	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	1,4-Dichlorobenzene	510 UJ	200	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 UJ	250	1500	800	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 UJ	810	1500	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2,4-Dichlorophenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2,4-Dimethylphenol	1500 UJ	200	1500	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2,4-Dinitrophenol	3300 UJ	810	3300	800	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2,4-Dinitrotoluene	2000 UJ	270	2000	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2,6-Dinitrotoluene	2000 UJ	210	2000	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2-Chloronaphthalene	510 UJ	33	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2-Chlorophenol	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 UJ	810	2000	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2-Nitroaniline	2000 UJ	92	2000	800	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	2-Nitrophenol	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	3-Nitroaniline	2000 UJ	160	2000	800	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 UJ	810	1500	800	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SS-0035M-0001-SO	N	10	4-Bromophenyl phenyl ether	510 UJ	130	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 UJ	210	1500	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	4-Chloroaniline	1500 UJ	170	1500	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	510 UJ	130	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	4-Nitroaniline	2000 UJ	260	2000	800	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	4-Nitrophenol	3300 UJ	810	3300	800	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Acenaphthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Acenaphthylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Benzo(a)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Benzo(a)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Benzo(b)fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Benzo(g,h,i)perylene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Benzo(k)fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Benzoic acid	6700 R	3400	6700	800	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Benzyl alcohol	3300 UJ	210	3300	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Benzyl butyl phthalate	710 UJ	100	710	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 UJ	220	1000	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 UJ	20	1000	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 UJ	96	1000	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	bis(2-Ethylhexyl) Phthalate	710 UJ	190	710	670	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Carbazole	510 UJ	270	510	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Chrysene	67 UJ	11	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Cresols, m & p	4000 UJ	200	4000	300	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Dibenz(a,h)anthracene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Dibenzofuran	510 UJ	33	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Diethyl Phthalate	710 UJ	160	710	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Dimethyl Phthalate	710 UJ	170	710	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Di-n-Butyl Phthalate	710 UJ	150	710	330	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Reporting Anomalies**

SDG Name: 240-22663-2\_73\_SB,SS

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Di-n-Octylphthalate	710 UJ	270	710	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Fluoranthene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Fluorene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Hexachlorobutadiene	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 UJ	270	3300	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Hexachloroethane	510 UJ	91	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Isophorone	510 UJ	130	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Naphthalene	34 J	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Nitrobenzene	1000 UJ	22	1000	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	n-Nitrosodi-n-propylamine	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Pentachlorophenol	1500 UJ	810	1500	800	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Phenanthrene	67 UJ	33	67	50	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Phenol	510 UJ	270	510	330	UG/KG
SW8270C/NONE	073SS-0035M-0001-SO	N	10	Pyrene	67 UJ	33	67	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Worksheet**

SDG Name: 240-22663-2\_73\_SB,SS

Method: SW8270C				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?		•		1. All samples were extracted outside the method recommended holding time (14 days) per the client's request.
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22663-2\_73\_SB,SS**

**Method:** SW8270C

Review Questions	Yes	No	NA	Comment
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed at the required frequency?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	•			Both samples were reported as non-detects.
Was an LCS/LCSD pair prepared and analyzed with each batch?				
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•			LCS 240-83664/15-A: Benzoic acid was not recovered . Benzoic acid in the following samples qualified (R): 11-16, 18-20. Di-n-butyl pthalate and Fluoranthene were recovered above the QC limits. No qualifications were required. due to none of these compounds were detected in any of the associated samples.
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	MS/MSD were analyzed at 10x dilution due to the sample matrix.
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			

**WORKSHEET 6**

**Automated Data Review Summary for 240-17796-1  
Equipment Rinsate Blank**

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**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Facility:** Ravenna Army Ammunition Plant

**Event:** Fall 2012 SI/RI Sampling

**Guidance Document:** Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

**Contract Laboratory:** TestAmerica, Inc., North Canton, OH

**Field Contractor:** Environmental Chemical Corporation, Otis Ang Base, MA

**Data Review Contractor:**

**SDG:** 240-17796-1\_(76-SB,SS,SW), Certified - 1/3/2013 by frederickroche

**QC Level:** ADR

**Project Manager:**

**Data Reviewer:**

**Data Reviewer Title:**

**Date of Review Report:**

**Samples Included in SDG 240-17796-1\_(76-SB,SS,SW)**

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	16	3	1	1
M8015V/NONE		1		0
SW6020/NONE		1		0
SW7196A/NONE	1		0	
SW7470A/NONE		1		0
SW7471A/NONE	23		0	
SW8081/NONE		1		0

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

<b>Analytical Method/ Leach Method</b>	<b>Normal Soil Samples</b>	<b>Normal Water Samples</b>	<b>Field QC Soil Samples</b>	<b>Field QC Water Samples</b>
SW8082/NONE	8	3	0	1
SW8151/NONE		1		0
SW8260B/NONE	14	3	0	0
SW8270C/NONE	30	1	1	0
SW8330B/NONE	16	3	1	1

## **AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-17796-1\_(76-SB,SS,SW). Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Field Duplicate RPD
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

Field Blank

Initial Calibration Verification

Lab Replicate RPD

LCS RPD

Material Blank

Trip Blank

## AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

**Batch** – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

**QC Outlier** – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

**Qualified Results** – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

**Rejected Results** – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

**Field Duplicates** – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

**Data Submission Warnings** – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 58 results (1.74%) out of the 3332 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

### Narrative Comments

Analytical Method	Comment
E353.2	
M8015V	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

SW6020	
SW7196A	
SW7470A	
SW7471A	
SW8081	
SW8082	
SW8151	
SW8260B	
SW8270C	
SW8330B	

Reviewed by , \_\_\_\_\_

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reason and Comment Code Definitions**

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

## AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)

### Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.



## AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7008	6966	NA	LABQC	WQ	LABQC	MB 320-6877/1-B		1/1	06-Dec-2012 6:41 AM	06-Dec-2012 6:41 AM	06-Dec-2012 1:56 PM	LB
	6966	NA	LABQC	WQ	LABQC	LCS 320-6877/2-B		1/1	06-Dec-2012 6:41 AM	06-Dec-2012 6:41 AM	06-Dec-2012 1:58 PM	BS
	6966	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:04 PM	N
	6966	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:06 PM	MS
	6966	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:08 PM	SD
	6966	NA	76-U20-SW	WS	076SW-0014-0001-SW	240-17796-18		1/1	08-Nov-2012 2:30 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:10 PM	FD
	6966	NA	76-U20-SW2	WS	076SW-0015-0001-SW	240-17796-19		1/1	08-Nov-2012 3:00 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:12 PM	N
	6966	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	06-Dec-2012 6:41 AM	06-Dec-2012 2:14 PM	N
	6967	NA	LABQC	SQ	LABQC	MB 320-6938/1-B		1/1	06-Dec-2012 7:13 AM	06-Dec-2012 7:13 AM	06-Dec-2012 12:50 PM	LB
	6967	NA	LABQC	SQ	LABQC	LCS 320-6938/2-B		1/1	06-Dec-2012 7:13 AM	06-Dec-2012 7:13 AM	06-Dec-2012 12:52 PM	BS
	6967	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	06-Dec-2012 7:13 AM	06-Dec-2012 12:54 PM	N
	6967	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	06-Dec-2012 7:13 AM	06-Dec-2012 12:56 PM	MS
	6967	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	06-Dec-2012 7:13 AM	06-Dec-2012 12:58 PM	SD
	6967	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/1	15-Nov-2012 3:55 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:08 PM	N
	6967	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/1	15-Nov-2012 3:45 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:10 PM	N
	6967	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/1	15-Nov-2012 3:56 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:12 PM	N
	6967	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/1	15-Nov-2012 1:45 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:14 PM	N
	6967	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:16 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

Test Method: E353.2; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7008	6967	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:18 PM	N
	6967	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:20 PM	N
	6967	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:22 PM	N
	6967	NA	76-U10-DU1-SB	SO	076SB-0044M-0001-SO	240-17796-29		1/1	15-Nov-2012 12:25 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:24 PM	N
	6967	NA	76-U10-DU1-SB	SO	076SB-0045M-0001-SO	240-17796-30		1/1	15-Nov-2012 12:26 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:26 PM	N
	6967	NA	76-U10-DU1-SB1	SO	076SB-0046M-0001-SO	240-17796-31		1/1	15-Nov-2012 10:50 AM	06-Dec-2012 7:13 AM	06-Dec-2012 1:36 PM	N
	6967	NA	76-U10-DU1-SB1	SO	076SB-0047M-0001-SO	240-17796-32		1/1	15-Nov-2012 11:11 AM	06-Dec-2012 7:13 AM	06-Dec-2012 1:38 PM	N
	6967	NA	76-U10-DU1-SB2	SO	076SB-0048M-0001-SO	240-17796-33		1/1	15-Nov-2012 11:40 AM	06-Dec-2012 7:13 AM	06-Dec-2012 1:40 PM	FD
	6967	NA	76-U10-DU1-SB3	SO	076SB-0049M-0001-SO	240-17796-34		1/1	15-Nov-2012 12:05 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:42 PM	N
	6967	NA	76-U10-DU1-SB4	SO	076SB-0050M-0001-SO	240-17796-35		1/1	15-Nov-2012 12:30 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:44 PM	N
	6967	NA	76-U10-DU1-SB5	SO	076SB-0051M-0001-SO	240-17796-36		1/1	15-Nov-2012 12:10 PM	06-Dec-2012 7:13 AM	06-Dec-2012 1:46 PM	N

Test Method: M8015V; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66387	66387	NA	LABQC	WQ	LABQC	MB 240-66387/45		1/1	28-Nov-2012 2:00 PM	28-Nov-2012 2:00 PM	28-Nov-2012 2:00 PM	LB
	66387	NA	LABQC	WQ	LABQC	LCS 240-66387/46		1/1	28-Nov-2012 2:38 PM	28-Nov-2012 2:38 PM	28-Nov-2012 2:38 PM	BS
	66387	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	28-Nov-2012 3:56 PM	28-Nov-2012 3:56 PM	N
	66387	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	28-Nov-2012 4:35 PM	28-Nov-2012 4:35 PM	MS
	66387	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	28-Nov-2012 5:13 PM	28-Nov-2012 5:13 PM	SD

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68088	66568	NA	LABQC	WQ	LABQC	MB 240-66568/1-A		1/1	28-Nov-2012 9:45 AM	28-Nov-2012 9:45 AM	10-Dec-2012 10:22 AM	LB
	66568	NA	LABQC	WQ	LABQC	LCS 240-66568/2-A		1/1	28-Nov-2012 9:45 AM	28-Nov-2012 9:45 AM	10-Dec-2012 10:27 AM	BS
	66568	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	28-Nov-2012 9:45 AM	10-Dec-2012 10:35 AM	N

Test Method: SW7196A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67491	67293	NA	LABQC	SQ	LABQC	LCSI 240-67293/11-A		1/1	04-Dec-2012 3:00 PM	04-Dec-2012 3:00 PM	05-Dec-2012 12:00 AM	BS
	67293	NA	LABQC	SQ	LABQC	LCSS 240-67293/10-A		1/1	04-Dec-2012 3:00 PM	04-Dec-2012 3:00 PM	05-Dec-2012 12:00 AM	BS
	67293	NA	LABQC	SQ	LABQC	MB 240-67293/9-A		1/1	04-Dec-2012 3:00 PM	04-Dec-2012 3:00 PM	05-Dec-2012 12:00 AM	LB
	67293	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	04-Dec-2012 3:00 PM	05-Dec-2012 3:58 PM	N

Test Method: SW7470A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66485	66219	NA	LABQC	WQ	LABQC	MB 240-66219/1-A		1/1	26-Nov-2012 3:25 PM	26-Nov-2012 3:25 PM	27-Nov-2012 3:50 PM	LB
	66219	NA	LABQC	WQ	LABQC	LCS 240-66219/2-A		1/1	26-Nov-2012 3:25 PM	26-Nov-2012 3:25 PM	27-Nov-2012 3:57 PM	BS
	66219	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	26-Nov-2012 3:25 PM	27-Nov-2012 4:28 PM	N

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67078	66416	NA	LABQC	SQ	LABQC	MB 240-66416/1-A		1/1	27-Nov-2012 2:25 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:17 PM	LB
	66416	NA	LABQC	SQ	LABQC	LCS 240-66416/2-A		1/1	27-Nov-2012 2:25 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:19 PM	BS

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

Test Method: SW7471A; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67078	66416	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:20 PM	SD
	66416	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:22 PM	N
	66416	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:23 PM	MS
	66416	NA	76-A3-DU1-SB1	SO	076SB-0062M-0001-SO	240-17796-24		1/1	15-Nov-2012 5:05 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:28 PM	N
	66416	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/1	15-Nov-2012 3:45 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:29 PM	N
	66416	NA	76-U4-DU1-SB5	SO	076SB-0029M-0001-SO	240-17796-8		1/1	15-Nov-2012 10:25 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:30 PM	N
	66416	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:32 PM	N
	66416	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/1	15-Nov-2012 3:56 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:33 PM	N
	66416	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/1	15-Nov-2012 1:45 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:34 PM	N
	66416	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:36 PM	N
	66416	NA	76-U4-DU1-SB1	SO	076SB-0025M-0001-SO	240-17796-4		1/1	15-Nov-2012 9:00 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:37 PM	N
	66416	NA	76-A3-DU1-SB	SO	076SB-0061M-0001-SO	240-17796-23		1/1	15-Nov-2012 5:36 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:39 PM	N
	66416	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:40 PM	N
	66416	NA	76-U4-DU1-SB3	SO	076SB-0027M-0001-SO	240-17796-6		1/1	15-Nov-2012 9:40 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:44 PM	N
	66416	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:45 PM	N
	66416	NA	76-U4-DU1-SB4	SO	076SB-0028M-0001-SO	240-17796-7		1/1	15-Nov-2012 10:00 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:47 PM	N
	66416	NA	76-U4-DU1-SB2	SO	076SB-0026M-0001-SO	240-17796-5		1/1	15-Nov-2012 9:20 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:48 PM	N
	66416	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:50 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

Test Method: SW7471A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67078	66416	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:51 PM	N
	66416	NA	76-A3-DU1-SB	SO	076SB-0060M-0001-SO	240-17796-22		1/1	15-Nov-2012 5:35 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:53 PM	N
	66416	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/1	15-Nov-2012 3:55 PM	27-Nov-2012 2:25 PM	30-Nov-2012 4:54 PM	N
	66416	NA	76-U4-DU1-SB	SO	076SB-0024M-0001-SO	240-17796-3		1/1	15-Nov-2012 10:20 AM	27-Nov-2012 2:25 PM	30-Nov-2012 4:55 PM	N
	66624	NA	LABQC	SQ	LABQC	MB 240-66624/1-A		1/1	28-Nov-2012 2:55 PM	28-Nov-2012 2:55 PM	30-Nov-2012 4:57 PM	LB
	66624	NA	LABQC	SQ	LABQC	LCS 240-66624/2-A		1/1	28-Nov-2012 2:55 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:01 PM	BS
	66624	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:02 PM	SD
	66624	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:04 PM	N
	66624	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:06 PM	MS
	66624	NA	76-A3-DU1-SB4	SO	076SB-0065M-0001-SO	240-17796-27		1/1	15-Nov-2012 5:40 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:07 PM	N
	66624	NA	76-A3-DU1-SB5	SO	076SB-0066M-0001-SO	240-17796-28		1/1	15-Nov-2012 4:50 PM	28-Nov-2012 2:55 PM	30-Nov-2012 5:09 PM	N

Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66500	65900	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 9:52 AM	28-Nov-2012 7:19 PM	N
	65900	NA	LABQC	WQ	LABQC	MB 240-65900/9-A		1/1	21-Nov-2012 9:52 AM	21-Nov-2012 9:52 AM	28-Nov-2012 7:47 PM	LB
	65900	NA	LABQC	WQ	LABQC	LCS 240-65900/10-A		1/1	21-Nov-2012 9:52 AM	21-Nov-2012 9:52 AM	29-Nov-2012 2:08 AM	BS

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

**Test Method: SW8082; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66171	65899	NA	76-U20-SW	WS	076SW-0014-0001-SW	240-17796-18		1/1	08-Nov-2012 2:30 PM	21-Nov-2012 9:48 AM	24-Nov-2012 10:32 PM	FD
	65899	NA	76-U20-SW2	WS	076SW-0015-0001-SW	240-17796-19		1/1	08-Nov-2012 3:00 PM	21-Nov-2012 9:48 AM	24-Nov-2012 10:47 PM	N
	65899	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 9:48 AM	24-Nov-2012 11:02 PM	N
	65899	NA	LABQC	WQ	LABQC	MB 240-65899/8-A		1/1	21-Nov-2012 9:48 AM	21-Nov-2012 9:48 AM	24-Nov-2012 11:31 PM	LB
	65899	NA	LABQC	WQ	LABQC	LCS 240-65899/9-A		1/1	21-Nov-2012 9:48 AM	21-Nov-2012 9:48 AM	24-Nov-2012 11:46 PM	BS
66802	66426	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:20 PM	N
	66426	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:20 PM	MS
	66426	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:35 PM	N
	66426	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:35 PM	MS
	66426	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:35 PM	SD
	66426	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:50 PM	N
	66426	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	27-Nov-2012 10:47 AM	30-Nov-2012 5:50 PM	SD
	66426	NA	LABQC	WQ	LABQC	MB 240-66426/4-A		1/1	27-Nov-2012 10:47 AM	27-Nov-2012 10:47 AM	30-Nov-2012 6:05 PM	LB
	66426	NA	LABQC	WQ	LABQC	LCS 240-66426/5-A		1/1	27-Nov-2012 10:47 AM	27-Nov-2012 10:47 AM	30-Nov-2012 6:20 PM	BS
67173	66777	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/1	15-Nov-2012 3:55 PM	29-Nov-2012 11:28 AM	04-Dec-2012 5:27 AM	N
	66777	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/1	15-Nov-2012 3:45 PM	29-Nov-2012 11:28 AM	04-Dec-2012 5:42 AM	N
	66777	NA	LABQC	SQ	LABQC	MB 240-66777/20-A		1/1	29-Nov-2012 11:28 AM	29-Nov-2012 11:28 AM	04-Dec-2012 5:57 AM	LB
	66777	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/1	15-Nov-2012 3:56 PM	29-Nov-2012 11:28 AM	04-Dec-2012 6:27 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67173	66777	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/1	15-Nov-2012 1:45 PM	29-Nov-2012 11:28 AM	04-Dec-2012 6:42 AM	N
	66777	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	29-Nov-2012 11:28 AM	04-Dec-2012 6:57 AM	N
	66777	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	29-Nov-2012 11:28 AM	04-Dec-2012 7:12 AM	N
	66777	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	29-Nov-2012 11:28 AM	04-Dec-2012 7:27 AM	N
	66777	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	29-Nov-2012 11:28 AM	04-Dec-2012 7:42 AM	N
	66777	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	29-Nov-2012 11:28 AM	04-Dec-2012 7:56 AM	MS
	66777	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	29-Nov-2012 11:28 AM	04-Dec-2012 8:11 AM	SD
	66777	NA	LABQC	SQ	LABQC	LCS 240-66777/21-A		1/1	29-Nov-2012 11:28 AM	29-Nov-2012 11:28 AM	04-Dec-2012 8:26 AM	BS

Test Method: SW8151; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67147	65729	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	20-Nov-2012 9:45 AM	04-Dec-2012 2:35 AM	N
	65729	NA	LABQC	WQ	LABQC	MB 240-65729/4-A		1/1	20-Nov-2012 9:45 AM	20-Nov-2012 9:45 AM	04-Dec-2012 2:58 AM	LB
	65729	NA	LABQC	WQ	LABQC	LCS 240-65729/5-A		1/1	20-Nov-2012 9:45 AM	20-Nov-2012 9:45 AM	04-Dec-2012 3:22 AM	BS

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66239	NA	NA	LABQC	SQ	LABQC	LCS 240-66239/7		1/1	26-Nov-2012 1:54 PM		26-Nov-2012 1:54 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-66239/8		1/1	26-Nov-2012 2:15 PM		26-Nov-2012 2:15 PM	LB
	66118	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	17-Nov-2012 8:00 AM	26-Nov-2012 5:29 PM	N



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

**Test Method: SW8260B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66239	66118	NA	76-U4-DU1-SB	SO	076SB-0024M-0001-SO	240-17796-3		1/1	15-Nov-2012 10:20 AM	17-Nov-2012 8:00 AM	26-Nov-2012 5:51 PM	N
	66118	NA	76-U4-DU1-SB1	SO	076SB-0025M-0001-SO	240-17796-4		1/1	15-Nov-2012 9:00 AM	17-Nov-2012 8:00 AM	26-Nov-2012 6:12 PM	N
	66118	NA	76-U4-DU1-SB2	SO	076SB-0026M-0001-SO	240-17796-5		1/1	15-Nov-2012 9:20 AM	17-Nov-2012 8:00 AM	26-Nov-2012 6:34 PM	N
	66118	NA	76-U4-DU1-SB3	SO	076SB-0027M-0001-SO	240-17796-6		1/1	15-Nov-2012 9:40 AM	17-Nov-2012 8:00 AM	26-Nov-2012 6:55 PM	N
	66118	NA	76-U4-DU1-SB4	SO	076SB-0028M-0001-SO	240-17796-7		1/1	15-Nov-2012 10:00 AM	17-Nov-2012 8:00 AM	26-Nov-2012 7:17 PM	N
	66118	NA	76-U4-DU1-SB5	SO	076SB-0029M-0001-SO	240-17796-8		1/1	15-Nov-2012 10:25 AM	17-Nov-2012 8:00 AM	26-Nov-2012 7:38 PM	N
	66118	NA	76-A3-DU1-SB	SO	076SB-0060M-0001-SO	240-17796-22		1/1	15-Nov-2012 5:35 PM	17-Nov-2012 8:00 AM	26-Nov-2012 8:00 PM	N
	66118	NA	76-A3-DU1-SB	SO	076SB-0061M-0001-SO	240-17796-23		1/1	15-Nov-2012 5:36 PM	17-Nov-2012 8:00 AM	26-Nov-2012 8:21 PM	N
	66118	NA	76-A3-DU1-SB1	SO	076SB-0062M-0001-SO	240-17796-24		1/1	15-Nov-2012 5:05 PM	17-Nov-2012 8:00 AM	26-Nov-2012 8:43 PM	N
	66118	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	17-Nov-2012 8:00 AM	26-Nov-2012 9:05 PM	N
	66118	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	17-Nov-2012 8:00 AM	26-Nov-2012 9:26 PM	N
	66118	NA	76-A3-DU1-SB4	SO	076SB-0065M-0001-SO	240-17796-27		1/1	15-Nov-2012 5:40 PM	17-Nov-2012 8:00 AM	26-Nov-2012 9:48 PM	N
	66118	NA	76-A3-DU1-SB5	SO	076SB-0066M-0001-SO	240-17796-28		1/1	15-Nov-2012 4:50 PM	17-Nov-2012 8:00 AM	26-Nov-2012 10:09 PM	N
65929	65929	NA	LABQC	WQ	LABQC	LCS 240-65929/4		1/1	21-Nov-2012 11:14 AM	21-Nov-2012 11:14 AM	21-Nov-2012 11:14 AM	BS
	65929	NA	LABQC	WQ	LABQC	MB 240-65929/6		1/1	21-Nov-2012 11:58 AM	21-Nov-2012 11:58 AM	21-Nov-2012 11:58 AM	LB
	65929	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 1:47 PM	21-Nov-2012 1:47 PM	N
	65929	NA	76-A3-DU1-SB4	WG	076-0068-0001-TB	240-17796-21		1/1	15-Nov-2012 8:00 AM	21-Nov-2012 2:31 PM	21-Nov-2012 2:31 PM	N
	65929	NA	76-U10-DU1-SB5	WG	076SB-0052M-0001-TB	240-17796-37		1/1	15-Nov-2012 8:00 AM	21-Nov-2012 2:54 PM	21-Nov-2012 2:54 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
65929	65929	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 4:46 PM	21-Nov-2012 4:46 PM	MS
	65929	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 5:08 PM	21-Nov-2012 5:08 PM	SD

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
66717	65893	NA	LABQC	WQ	LABQC	MB 240-65893/5-A		1/1	21-Nov-2012 9:42 AM	21-Nov-2012 9:42 AM	29-Nov-2012 10:13 AM	LB
	65893	NA	LABQC	WQ	LABQC	LCS 240-65893/6-A		1/1	21-Nov-2012 9:42 AM	21-Nov-2012 9:42 AM	29-Nov-2012 10:37 AM	BS
	65893	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	21-Nov-2012 9:42 AM	29-Nov-2012 11:46 AM	N
67225	66393	NA	LABQC	SQ	LABQC	MB 240-66393/23-A		1/1	27-Nov-2012 9:03 AM	27-Nov-2012 9:03 AM	04-Dec-2012 10:08 AM	LB
	66393	NA	LABQC	SQ	LABQC	LCS 240-66393/24-A		1/1	27-Nov-2012 9:03 AM	27-Nov-2012 9:03 AM	04-Dec-2012 10:32 AM	BS
	66393	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	27-Nov-2012 9:03 AM	04-Dec-2012 11:43 AM	N
	66393	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	27-Nov-2012 9:03 AM	04-Dec-2012 12:07 PM	MS
	66393	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	27-Nov-2012 9:03 AM	04-Dec-2012 12:30 PM	SD
	66393	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/5	15-Nov-2012 3:45 PM	27-Nov-2012 9:03 AM	04-Dec-2012 12:54 PM	N
	66393	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/5	15-Nov-2012 3:56 PM	27-Nov-2012 9:03 AM	04-Dec-2012 1:18 PM	N
	66393	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/5	15-Nov-2012 1:45 PM	27-Nov-2012 9:03 AM	04-Dec-2012 1:42 PM	N
	66393	NA	76-A3-DU1-SB	SO	076SB-0060M-0001-SO	240-17796-22		1/5	15-Nov-2012 5:35 PM	27-Nov-2012 9:03 AM	04-Dec-2012 2:05 PM	N
	66393	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	27-Nov-2012 9:03 AM	04-Dec-2012 2:29 PM	N
	66393	NA	76-U4-DU1-SB5	SO	076SB-0029M-0001-SO	240-17796-8		1/1	15-Nov-2012 10:25 AM	27-Nov-2012 9:03 AM	04-Dec-2012 2:53 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

**Test Method: SW8270C; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67225	66393	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	27-Nov-2012 9:03 AM	04-Dec-2012 3:16 PM	N
	66393	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	27-Nov-2012 9:03 AM	04-Dec-2012 3:40 PM	N
	66393	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	27-Nov-2012 9:03 AM	04-Dec-2012 4:04 PM	N
	66393	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	27-Nov-2012 9:03 AM	04-Dec-2012 4:28 PM	N
	66393	NA	76-U4-DU1-SB	SO	076SB-0023M-0001-SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 9:03 AM	04-Dec-2012 4:51 PM	N
	66393	NA	76-A3-DU1-SB1	SO	076SB-0062M-0001-SO	240-17796-24		1/1	15-Nov-2012 5:05 PM	27-Nov-2012 9:03 AM	04-Dec-2012 5:15 PM	N
	66393	NA	76-U4-DU1-SB2	SO	076SB-0026M-0001-SO	240-17796-5		1/1	15-Nov-2012 9:20 AM	27-Nov-2012 9:03 AM	04-Dec-2012 5:39 PM	N
	66393	NA	76-U4-DU1-SB3	SO	076SB-0027M-0001-SO	240-17796-6		1/1	15-Nov-2012 9:40 AM	27-Nov-2012 9:03 AM	04-Dec-2012 6:02 PM	N
67390	66393	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/2.5	15-Nov-2012 3:55 PM	27-Nov-2012 9:03 AM	05-Dec-2012 4:54 PM	N
	66393	NA	76-U4-DU1-SB4	SO	076SB-0028M-0001-SO	240-17796-7		1/2.5	15-Nov-2012 10:00 AM	27-Nov-2012 9:03 AM	05-Dec-2012 5:17 PM	N
	66393	NA	76-A3-DU1-SB	SO	076SB-0061M-0001-SO	240-17796-23		1/2.5	15-Nov-2012 5:36 PM	27-Nov-2012 9:03 AM	05-Dec-2012 5:41 PM	N
	66393	NA	76-U4-DU1-SB	SO	076SB-0024M-0001-SO	240-17796-3		1/2.5	15-Nov-2012 10:20 AM	27-Nov-2012 9:03 AM	05-Dec-2012 6:04 PM	N
	66393	NA	76-U4-DU1-SB1	SO	076SB-0025M-0001-SO	240-17796-4		1/2.5	15-Nov-2012 9:00 AM	27-Nov-2012 9:03 AM	05-Dec-2012 6:27 PM	N
67544	66569	NA	LABQC	SQ	LABQC	MB 240-66569/21-A		1/1	28-Nov-2012 9:47 AM	28-Nov-2012 9:47 AM	06-Dec-2012 10:08 AM	LB
	66569	NA	LABQC	SQ	LABQC	LCS 240-66569/22-A		1/1	28-Nov-2012 9:47 AM	28-Nov-2012 9:47 AM	06-Dec-2012 10:31 AM	BS
	66569	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/10	15-Nov-2012 5:25 PM	28-Nov-2012 9:47 AM	06-Dec-2012 12:04 PM	N
	66569	NA	76-A3-DU1-SB5	SO	076SB-0066M-0001-SO	240-17796-28		1/10	15-Nov-2012 4:50 PM	28-Nov-2012 9:47 AM	06-Dec-2012 12:27 PM	N
	66569	NA	76-U10-DU1-SB1	SO	076SB-0047M-0001-SO	240-17796-32		1/10	15-Nov-2012 11:11 AM	28-Nov-2012 9:47 AM	06-Dec-2012 12:51 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

<b>Test Method: SW8270C; Leach Method: NONE</b>												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
67544	66569	NA	76-U10-DU1-SB3	SO	076SB-0049M-0001-SO	240-17796-34		1/10	15-Nov-2012 12:05 PM	28-Nov-2012 9:47 AM	06-Dec-2012 1:14 PM	N
	66569	NA	76-U10-DU1-SB	SO	076SB-0045M-0001-SO	240-17796-30		1/10	15-Nov-2012 12:26 PM	28-Nov-2012 9:47 AM	06-Dec-2012 1:37 PM	N
	66569	NA	76-A3-DU1-SB4	SO	076SB-0065M-0001-SO	240-17796-27		1/2.5	15-Nov-2012 5:40 PM	28-Nov-2012 9:47 AM	06-Dec-2012 2:47 PM	N
	66569	NA	76-U10-DU1-SB	SO	076SB-0044M-0001-SO	240-17796-29		1/2.5	15-Nov-2012 12:25 PM	28-Nov-2012 9:47 AM	06-Dec-2012 3:10 PM	N
	66569	NA	76-U10-DU1-SB1	SO	076SB-0046M-0001-SO	240-17796-31		1/2.5	15-Nov-2012 10:50 AM	28-Nov-2012 9:47 AM	06-Dec-2012 3:33 PM	N
	66569	NA	76-U10-DU1-SB4	SO	076SB-0050M-0001-SO	240-17796-35		1/2.5	15-Nov-2012 12:30 PM	28-Nov-2012 9:47 AM	06-Dec-2012 3:56 PM	N
67761	66569	NA	76-U10-DU1-SB5	SO	076SB-0051M-0001-SO	240-17796-36		1/1	15-Nov-2012 12:10 PM	28-Nov-2012 9:47 AM	07-Dec-2012 12:51 PM	N
67368	66734	NA	LABQC	SQ	LABQC	MB 240-66734/4-A		1/1	29-Nov-2012 9:51 AM	29-Nov-2012 9:51 AM	05-Dec-2012 10:12 AM	LB
	66734	NA	LABQC	SQ	LABQC	LCS 240-66734/5-A		1/1	29-Nov-2012 9:51 AM	29-Nov-2012 9:51 AM	05-Dec-2012 10:37 AM	BS
	66734	NA	76-U10-DU1-SB2	SO	076SB-0048M-0001-SO	240-17796-33		1/1	15-Nov-2012 11:40 AM	29-Nov-2012 10:26 AM	05-Dec-2012 1:05 PM	FD
68148	67600	NA	LABQC	SQ	LABQC	MB 240-67600/22-A		1/1	06-Dec-2012 10:45 AM	06-Dec-2012 10:45 AM	11-Dec-2012 12:44 PM	LB
	67600	NA	LABQC	SQ	LABQC	LCS 240-67600/23-A		1/1	06-Dec-2012 10:45 AM	06-Dec-2012 10:45 AM	11-Dec-2012 1:07 PM	BS
	67600	NA	76-U10-DU1-SB2	SO	076SB-0048M-0001-SO	240-17796-33		2/1	15-Nov-2012 11:40 AM	06-Dec-2012 10:45 AM	11-Dec-2012 3:27 PM	FD

<b>Test Method: SW8330B; Leach Method: NONE</b>												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6772	6172	NA	LABQC	WQ	LABQC	MB 320-6172/1-A		1/1	20-Nov-2012 12:14 PM	20-Nov-2012 12:14 PM	04-Dec-2012 1:40 PM	LB
	6172	NA	LABQC	WQ	LABQC	LCS 320-6172/2-A		1/1	20-Nov-2012 12:14 PM	20-Nov-2012 12:14 PM	04-Dec-2012 2:20 PM	BS
	6172	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 3:00 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6772	6172	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 3:00 PM	MS
	6172	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 3:41 PM	MS
	6172	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 3:41 PM	SD
	6172	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 4:21 PM	N
	6172	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 4:21 PM	MS
	6172	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 4:21 PM	SD
	6172	NA	76-U20-SW	WS	076SW-0014-0001-SW	240-17796-18		1/1	08-Nov-2012 2:30 PM	20-Nov-2012 12:14 PM	04-Dec-2012 5:01 PM	FD
	6172	NA	76-U20-SW2	WS	076SW-0015-0001-SW	240-17796-19		1/1	08-Nov-2012 3:00 PM	20-Nov-2012 12:14 PM	04-Dec-2012 5:41 PM	N
	6172	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		1/1	15-Nov-2012 1:00 PM	20-Nov-2012 12:14 PM	04-Dec-2012 6:22 PM	N
7240	6559	NA	LABQC	SQ	LABQC	MB 320-6559/1-A		1/1	29-Nov-2012 8:10 AM	29-Nov-2012 8:10 AM	11-Dec-2012 4:47 PM	LB
	6559	NA	LABQC	SQ	LABQC	LCS 320-6559/2-A		1/1	29-Nov-2012 8:10 AM	29-Nov-2012 8:10 AM	11-Dec-2012 5:27 PM	BS
	6559	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		2/1	15-Nov-2012 12:25 PM	29-Nov-2012 8:10 AM	11-Dec-2012 6:07 PM	N
	6559	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		2/1	15-Nov-2012 12:25 PM	29-Nov-2012 8:10 AM	11-Dec-2012 6:48 PM	MS
	6559	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		2/1	15-Nov-2012 12:25 PM	29-Nov-2012 8:10 AM	11-Dec-2012 7:28 PM	SD
	6559	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		2/1	15-Nov-2012 3:55 PM	29-Nov-2012 8:10 AM	11-Dec-2012 8:08 PM	N
	6559	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		2/1	15-Nov-2012 3:45 PM	29-Nov-2012 8:10 AM	11-Dec-2012 8:48 PM	N
	6559	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		2/1	15-Nov-2012 3:56 PM	29-Nov-2012 8:10 AM	11-Dec-2012 9:28 PM	N
	6559	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		2/1	15-Nov-2012 1:45 PM	29-Nov-2012 8:10 AM	11-Dec-2012 10:09 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7240	6559	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		2/1	15-Nov-2012 2:10 PM	29-Nov-2012 8:10 AM	11-Dec-2012 10:49 PM	N
	6559	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		2/1	15-Nov-2012 2:40 PM	29-Nov-2012 8:10 AM	12-Dec-2012 12:09 AM	N
	6559	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		2/1	15-Nov-2012 3:30 PM	29-Nov-2012 8:10 AM	12-Dec-2012 12:49 AM	N
	6559	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		2/1	15-Nov-2012 4:00 PM	29-Nov-2012 8:10 AM	12-Dec-2012 1:29 AM	N
	6559	NA	76-U10-DU1-SB	SO	076SB-0044M-0001-SO	240-17796-29		2/1	15-Nov-2012 12:25 PM	29-Nov-2012 8:10 AM	12-Dec-2012 2:10 AM	N
	6559	NA	76-U10-DU1-SB	SO	076SB-0045M-0001-SO	240-17796-30		2/1	15-Nov-2012 12:26 PM	29-Nov-2012 8:10 AM	12-Dec-2012 2:50 AM	N
	6559	NA	76-U10-DU1-SB1	SO	076SB-0046M-0001-SO	240-17796-31		2/1	15-Nov-2012 10:50 AM	29-Nov-2012 8:10 AM	12-Dec-2012 3:30 AM	N
	6559	NA	76-U10-DU1-SB1	SO	076SB-0047M-0001-SO	240-17796-32		3/1	15-Nov-2012 11:11 AM	29-Nov-2012 8:10 AM	12-Dec-2012 4:11 AM	N
	6559	NA	76-U10-DU1-SB2	SO	076SB-0048M-0001-SO	240-17796-33		2/1	15-Nov-2012 11:40 AM	29-Nov-2012 8:10 AM	12-Dec-2012 4:51 AM	FD
	6559	NA	76-U10-DU1-SB3	SO	076SB-0049M-0001-SO	240-17796-34		2/1	15-Nov-2012 12:05 PM	29-Nov-2012 8:10 AM	12-Dec-2012 5:31 AM	N
	6559	NA	76-U10-DU1-SB4	SO	076SB-0050M-0001-SO	240-17796-35		2/1	15-Nov-2012 12:30 PM	29-Nov-2012 8:10 AM	12-Dec-2012 6:12 AM	N
	6559	NA	76-U10-DU1-SB5	SO	076SB-0051M-0001-SO	240-17796-36		2/1	15-Nov-2012 12:10 PM	29-Nov-2012 8:10 AM	12-Dec-2012 7:32 AM	N
6888	6579	NA	LABQC	SQ	LABQC	MB 320-6579/1-A		1/1	29-Nov-2012 10:14 AM	29-Nov-2012 10:14 AM	05-Dec-2012 8:16 PM	LB
	6579	NA	LABQC	SQ	LABQC	LCS 320-6579/2-A		1/1	29-Nov-2012 10:14 AM	29-Nov-2012 10:14 AM	05-Dec-2012 8:30 PM	BS
	6579	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	29-Nov-2012 10:14 AM	05-Dec-2012 8:44 PM	N
	6579	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	29-Nov-2012 10:14 AM	05-Dec-2012 8:58 PM	MS
	6579	NA	76-U10-DU1-SS	SO	076SS-0022M-0001-SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	29-Nov-2012 10:14 AM	05-Dec-2012 9:13 PM	SD
	6579	NA	76-U20-DU1-SB	SO	076SB-0053M-0001-SO	240-17796-9		1/1	15-Nov-2012 3:55 PM	29-Nov-2012 10:14 AM	05-Dec-2012 9:27 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

Test Method: SW8330B; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6888	6579	NA	76-U20-DU1-SS	SO	076SS-0007M-0001-SO	240-17796-10		1/1	15-Nov-2012 3:45 PM	29-Nov-2012 10:14 AM	05-Dec-2012 9:41 PM	N
	6579	NA	76-U20-DU1-SB	SO	076SB-0054M-0001-SO	240-17796-11		1/1	15-Nov-2012 3:56 PM	29-Nov-2012 10:14 AM	05-Dec-2012 9:56 PM	N
	6579	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001-SO	240-17796-12		1/1	15-Nov-2012 1:45 PM	29-Nov-2012 10:14 AM	05-Dec-2012 10:10 PM	N
	6579	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001-SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	29-Nov-2012 10:14 AM	05-Dec-2012 10:24 PM	N
	6579	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001-SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	29-Nov-2012 10:14 AM	05-Dec-2012 10:53 PM	N
	6579	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	29-Nov-2012 10:14 AM	05-Dec-2012 11:07 PM	N
	6579	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	29-Nov-2012 10:14 AM	05-Dec-2012 11:22 PM	N
	6579	NA	76-U10-DU1-SB	SO	076SB-0044M-0001-SO	240-17796-29		1/1	15-Nov-2012 12:25 PM	29-Nov-2012 10:14 AM	05-Dec-2012 11:36 PM	N
	6579	NA	76-U10-DU1-SB	SO	076SB-0045M-0001-SO	240-17796-30		1/1	15-Nov-2012 12:26 PM	29-Nov-2012 10:14 AM	05-Dec-2012 11:50 PM	N
	6579	NA	76-U10-DU1-SB1	SO	076SB-0046M-0001-SO	240-17796-31		1/1	15-Nov-2012 10:50 AM	29-Nov-2012 10:14 AM	06-Dec-2012 12:04 AM	N
	6579	NA	76-U10-DU1-SB1	SO	076SB-0047M-0001-SO	240-17796-32		1/1	15-Nov-2012 11:11 AM	29-Nov-2012 10:14 AM	06-Dec-2012 12:19 AM	N
	6579	NA	76-U10-DU1-SB2	SO	076SB-0048M-0001-SO	240-17796-33		1/1	15-Nov-2012 11:40 AM	29-Nov-2012 10:14 AM	06-Dec-2012 12:33 AM	FD
	6579	NA	76-U10-DU1-SB3	SO	076SB-0049M-0001-SO	240-17796-34		1/1	15-Nov-2012 12:05 PM	29-Nov-2012 10:14 AM	06-Dec-2012 12:47 AM	N
	6579	NA	76-U10-DU1-SB4	SO	076SB-0050M-0001-SO	240-17796-35		1/1	15-Nov-2012 12:30 PM	29-Nov-2012 10:14 AM	06-Dec-2012 1:02 AM	N
	6579	NA	76-U10-DU1-SB5	SO	076SB-0051M-0001-SO	240-17796-36		1/1	15-Nov-2012 12:10 PM	29-Nov-2012 10:14 AM	06-Dec-2012 1:30 AM	N
7142	6579	NA	LABQC	SQ	LABQC	MB 320-6579/1-A		2/1	29-Nov-2012 10:14 AM	29-Nov-2012 10:14 AM	10-Dec-2012 1:25 PM	LB
6888	6878	NA	LABQC	WQ	LABQC	MB 320-6878/1-A		1/1	05-Dec-2012 7:38 AM	05-Dec-2012 7:38 AM	06-Dec-2012 1:45 AM	LB
	6878	NA	LABQC	WQ	LABQC	LCS 320-6878/2-A		1/1	05-Dec-2012 7:38 AM	05-Dec-2012 7:38 AM	06-Dec-2012 1:59 AM	BS

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Batch Report**

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
6888	6878	NA	76-U20-SW	WS	076SW-0013-0001-SW	240-17796-17		2/1	08-Nov-2012 2:30 PM	05-Dec-2012 7:38 AM	06-Dec-2012 2:13 AM	N
	6878	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		2/1	08-Nov-2012 2:30 PM	05-Dec-2012 7:38 AM	06-Dec-2012 2:28 AM	SD
	6878	NA	76-U20-SW	WS	076SW-0013-0002-SW	240-17796-17		2/1	08-Nov-2012 2:30 PM	05-Dec-2012 7:38 AM	06-Dec-2012 2:42 AM	MS
	6878	NA	76-U20-SW	WS	076SW-0014-0001-SW	240-17796-18		2/1	08-Nov-2012 2:30 PM	05-Dec-2012 7:38 AM	06-Dec-2012 2:56 AM	FD
	6878	NA	76-U20-SW2	WS	076SW-0015-0001-SW	240-17796-19		2/1	08-Nov-2012 3:00 PM	05-Dec-2012 7:38 AM	06-Dec-2012 3:10 AM	N
	6878	NA	76-A3-DU1-SB5	WG	076-0067-0001-ER	240-17796-20		2/1	15-Nov-2012 1:00 PM	05-Dec-2012 7:38 AM	06-Dec-2012 3:25 AM	N



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Field Batch Report**

**--No Records Found--**

**QC Outliers Report**

**--No Records Found--**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	WG	076-0067-0001-ER	240-17796-20	N	Petroleum Hydrocarbons C6-C12	100	33.0	33.0 J		UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Antimony	2.0	0.34	0.34 J		UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Chromium	2.0	0.60	0.60 J		UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Manganese	5.0	3.5	3.5 J		UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Thallium	2.0	0.75	0.75 J		UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Zinc	40.0	10.0	10.0 J		UG/L	TR
SW7471A/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Mercury	0.098	0.038	0.038 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Mercury	0.098	0.028	0.028 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Mercury	0.091	0.029	0.029 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Mercury	0.094	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Mercury	0.097	0.042	0.042 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Mercury	0.10	0.026	0.026 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Mercury	0.094	0.036	0.036 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Mercury	0.098	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Mercury	0.094	0.016	0.016 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Mercury	0.095	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Mercury	0.094	0.021	0.021 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Mercury	0.092	0.021	0.021 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Mercury	0.097	0.014	0.014 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Mercury	0.097	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Mercury	0.097	0.026	0.026 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Mercury	0.10	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Mercury	0.097	0.028	0.028 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Mercury	0.10	0.024	0.024 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Mercury	0.12	0.028	0.028 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Mercury	0.098	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Mercury	0.097	0.043	0.043 J		MG/KG	TR
SW7471A/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Mercury	0.095	0.045	0.045 J		MG/KG	TR
SW7471A/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Mercury	0.092	0.033	0.033 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	PCB-1260 (Arochlor 1260)	56.0	24.0	24.0 J		UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	WG	076-0067-0001-ER	240-17796-20	N	MCPA	400	400	400 UJ		UG/L	J
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	076-0067-0001-ER	240-17796-20	N	Acetone	10.0	10.0	10.0 UJ		UG/L	J
SW8260B/NONE	WG	076-0067-0001-ER	240-17796-20	N	Chloroform	1.0	0.61	0.61 J		UG/L	TR
SW8260B/NONE	WG	076-0067-0001-ER	240-17796-20	N	Methylene Chloride	1.0	0.36	1.0 U		UG/L	L
SW8260B/NONE	WG	076-0067-0001-ER	240-17796-20	N	Styrene	1.0	1.0	1.0 UJ		UG/L	J
SW8260B/NONE	WG	076-0068-0001-TB	240-17796-21	N	Acetone	10.0	10.0	10.0 UJ		UG/L	J
SW8260B/NONE	WG	076-0068-0001-TB	240-17796-21	N	Methylene Chloride	1.0	0.84	1.0 U		UG/L	L
SW8260B/NONE	WG	076-0068-0001-TB	240-17796-21	N	Styrene	1.0	1.0	1.0 UJ		UG/L	J
SW8260B/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	2-Butanone (MEK)	18.0	1.5	1.5 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	2-Butanone (MEK)	24.0	2.3	2.3 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Acetone	24.0	13.0	24.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	2-Butanone (MEK)	17.0	1.4	1.4 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Acetone	17.0	7.5	17.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Carbon Disulfide	4.2	2.4	2.4 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Acetone	17.0	5.9	17.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Methylene Chloride	5.1	0.69	0.69 J		UG/KG	TR/J
SW8260B/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Carbon Disulfide	4.9	2.9	2.9 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	2-Butanone (MEK)	24.0	9.6	9.6 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Acetone	24.0	51.0	24.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Carbon Disulfide	6.0	3.5	3.5 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Methylene Chloride	6.0	1.3	1.3 J		UG/KG	TR/J
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Toluene	6.0	0.33	0.33 J		UG/KG	TR
SW8260B/NONE	WG	076SB-0052M-0001-TB	240-17796-37	N	Acetone	10.0	10.0	10.0 UJ		UG/L	J
SW8260B/NONE	WG	076SB-0052M-0001-TB	240-17796-37	N	Methylene Chloride	1.0	0.77	1.0 U		UG/L	L
SW8260B/NONE	WG	076SB-0052M-0001-TB	240-17796-37	N	Styrene	1.0	1.0	1.0 UJ		UG/L	J
SW8260B/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Acetone	21.0	8.7	21.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Carbon Disulfide	5.2	3.1	3.1 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	2-Butanone (MEK)	9.7	4.3	4.3 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Acetone	9.7	57.0	9.7 U		UG/KG	L
SW8260B/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Carbon Disulfide	2.4	1.4	1.4 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	2-Butanone (MEK)	18.0	1.3	1.3 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Acetone	18.0	9.9	18.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	2-Butanone (MEK)	23.0	13.0	13.0 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Acetone	23.0	59.0	23.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Carbon Disulfide	5.9	3.5	3.5 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Ethylbenzene	5.9	2.4	2.4 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Toluene	5.9	1.0	1.0 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	2-Butanone (MEK)	17.0	2.4	2.4 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Acetone	17.0	28.0	17.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Carbon Disulfide	4.2	2.6	2.6 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	2-Butanone (MEK)	21.0	1.7	1.7 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Acetone	21.0	15.0	21.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Carbon Disulfide	5.3	3.2	3.2 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	2-Butanone (MEK)	18.0	7.3	7.3 J		UG/KG	TR
SW8260B/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Acetone	18.0	66.0	18.0 U		UG/KG	L
SW8260B/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Methylene Chloride	4.6	0.91	0.91 J		UG/KG	TR/J
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	WG	076-0067-0001-ER	240-17796-20	N	3,3'-Dichlorobenzidine	4.9	4.9	4.9 UJ		UG/L	V1
SW8270C/NONE	WG	076-0067-0001-ER	240-17796-20	N	n-Nitrosodiphenylamine	0.97	0.97	0.97 UJ		UG/L	J
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Anthracene	6.7	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(k)fluoranthene	6.7	6.0	6.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	bis(2-Ethylhexyl) Phthalate	50.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Dibenzofuran	50.0	7.1	7.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Fluorene	6.7	4.6	4.6 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Isophorone	50.0	14.0	14.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	bis(2-Ethylhexyl) Phthalate	120	58.0	58.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	bis(2-Ethylhexyl) Phthalate	130	48.0	48.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Acenaphthene	6.8	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	bis(2-Ethylhexyl) Phthalate	51.0	30.0	30.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Dibenzofuran	51.0	7.2	7.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	2-Methylnaphthalene	6.7	6.4	6.4 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	bis(2-Ethylhexyl) Phthalate	50.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Fluoranthene	6.7	6.0	6.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Naphthalene	6.7	6.3	6.3 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Pyrene	6.7	4.1	4.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	bis(2-Ethylhexyl) Phthalate	50.0	38.0	38.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Carbazole	50.0	28.0	28.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Dibenzofuran	50.0	36.0	36.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0048M-0001-SO	240-17796-33	FD	bis(2-Ethylhexyl) Phthalate	50.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0048M-0001-SO	240-17796-33	FD	Phenanthrene	6.6	3.5	3.5 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0050M-0001-SO	240-17796-35	N	bis(2-Ethylhexyl) Phthalate	120	47.0	47.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	Benzo(b)fluoranthene	8.4	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	bis(2-Ethylhexyl) Phthalate	63.0	29.0	29.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	n-Nitrosodiphenylamine	63.0	63.0	63.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	Pyrene	8.4	6.7	6.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	bis(2-Ethylhexyl) Phthalate	130	55.0	55.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	2,4-Dinitrophenol	1700	1700	1700 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	n-Nitrosodiphenylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	2,4-Dinitrophenol	1700	1700	1700 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	n-Nitrosodiphenylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	2-Methylnaphthalene	6.8	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	bis(2-Ethylhexyl) Phthalate	51.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Naphthalene	6.8	3.8	3.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	2-Methylnaphthalene	6.7	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	bis(2-Ethylhexyl) Phthalate	51.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Naphthalene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Pyrene	6.7	5.6	5.6 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Benzo(b)fluoranthene	6.7	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Benzo(g,h,i)perylene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	bis(2-Ethylhexyl) Phthalate	50.0	35.0	35.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Pyrene	6.7	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	2,4-Dinitrophenol	340	340	340 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Benzo(b)fluoranthene	6.8	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	bis(2-Ethylhexyl) Phthalate	51.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Fluoranthene	6.8	4.0	4.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Naphthalene	6.8	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Phenanthrene	6.8	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Pyrene	6.8	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	2,4-Dinitrophenol	1700	1700	1700 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Acenaphthylene	34.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Anthracene	34.0	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Naphthalene	34.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	n-Nitrosodiphenylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	bis(2-Ethylhexyl) Phthalate	130	54.0	54.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	2-Methylnaphthalene	6.6	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Benzo(b)fluoranthene	6.6	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	bis(2-Ethylhexyl) Phthalate	49.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Fluoranthene	6.6	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Naphthalene	6.6	4.6	4.6 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	n-Nitrosodiphenylamine	49.0	49.0	49.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Phenanthrene	6.6	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Pyrene	6.6	4.7	4.7 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	4,6-Dinitro-2-Methylphenol	150	150	150 UJ		UG/KG	M
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Benzo(b)fluoranthene	6.6	5.7	5.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	bis(2-Ethylhexyl) Phthalate	50.0	25.0	25.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Pyrene	6.6	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(k)fluoranthene	17.0	9.4	9.4 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	bis(2-Ethylhexyl) Phthalate	130	50.0	50.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(k)fluoranthene	67.0	45.0	45.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	2,4-Dinitrophenol	1700	1700	1700 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	2-Methylnaphthalene	34.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(g,h,i)perylene	34.0	30.0	30.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(k)fluoranthene	34.0	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Naphthalene	34.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	n-Nitrosodiphenylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Anthracene	6.6	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	bis(2-Ethylhexyl) Phthalate	50.0	29.0	29.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Dibenzofuran	50.0	8.7	8.7 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ		UG/KG	J
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8330B/NONE	SO	076SB-0047M-0001-SO	240-17796-32	N	NITROGUANIDINE	0.24	0.036	0.036 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	WG	076-0067-0001-ER	240-17796-20	N	Petroleum Hydrocarbons C6-C12	100	33.0	33.0 J	UG/L	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Chromium	2.0	0.60	0.60 J	UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Manganese	5.0	3.5	3.5 J	UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Nickel	5.0	20.0	20.0	UG/L	
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Antimony	2.0	0.34	0.34 J	UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Thallium	2.0	0.75	0.75 J	UG/L	TR
SW6020/NONE	WG	076-0067-0001-ER	240-17796-20	N	Zinc	40.0	10.0	10.0 J	UG/L	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Mercury	0.098	0.038	0.038 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Mercury	0.098	0.028	0.028 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Mercury	0.091	0.029	0.029 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Mercury	0.094	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Mercury	0.097	0.042	0.042 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Mercury	0.10	0.026	0.026 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Mercury	0.094	0.036	0.036 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Mercury	0.098	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Mercury	0.094	0.016	0.016 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Mercury	0.095	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Mercury	0.094	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Mercury	0.092	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Mercury	0.097	0.014	0.014 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Mercury	0.097	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Mercury	0.097	0.026	0.026 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Mercury	0.10	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Mercury	0.097	0.028	0.028 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Mercury	0.10	0.024	0.024 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Mercury	0.12	0.028	0.028 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Mercury	0.098	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Mercury	0.097	0.043	0.043 J	MG/KG	TR
SW7471A/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Mercury	0.095	0.045	0.045 J	MG/KG	TR
SW7471A/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Mercury	0.092	0.033	0.033 J	MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8082/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	PCB-1260 (Arochlor 1260)	56.0	24.0	24.0 J	UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	076-0067-0001-ER	240-17796-20	N	Chloroform	1.0	0.61	0.61 J	UG/L	TR
SW8260B/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	2-Butanone (MEK)	18.0	1.5	1.5 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	2-Butanone (MEK)	24.0	2.3	2.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Carbon Disulfide	4.2	2.4	2.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	2-Butanone (MEK)	17.0	1.4	1.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Methylene Chloride	5.1	0.69	0.69 J	UG/KG	TR/J
SW8260B/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Carbon Disulfide	4.9	2.9	2.9 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Toluene	6.0	0.33	0.33 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Carbon Disulfide	6.0	3.5	3.5 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	2-Butanone (MEK)	24.0	9.6	9.6 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Methylene Chloride	6.0	1.3	1.3 J	UG/KG	TR/J
SW8260B/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Carbon Disulfide	5.2	3.1	3.1 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Carbon Disulfide	2.4	1.4	1.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	2-Butanone (MEK)	9.7	4.3	4.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	2-Butanone (MEK)	18.0	1.3	1.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Toluene	5.9	1.0	1.0 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Carbon Disulfide	5.9	3.5	3.5 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Ethylbenzene	5.9	2.4	2.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	2-Butanone (MEK)	23.0	13.0	13.0 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Xylenes, Total	12.0	14.0	14.0	UG/KG	
SW8260B/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Carbon Disulfide	4.2	2.6	2.6 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	2-Butanone (MEK)	17.0	2.4	2.4 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Carbon Disulfide	5.3	3.2	3.2 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	2-Butanone (MEK)	21.0	1.7	1.7 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	2-Butanone (MEK)	18.0	7.3	7.3 J	UG/KG	TR
SW8260B/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Methylene Chloride	4.6	0.91	0.91 J	UG/KG	TR/J

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Anthracene	6.7	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	bis(2-Ethylhexyl) Phthalate	50.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(a)anthracene	6.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(a)pyrene	6.7	20.0	20.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(b)fluoranthene	6.7	18.0	18.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(g,h,i)perylene	6.7	8.9	8.9	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Benzo(k)fluoranthene	6.7	6.0	6.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Chrysene	6.7	15.0	15.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Dibenzofuran	50.0	7.1	7.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Fluorene	6.7	4.6	4.6 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Fluoranthene	6.7	38.0	38.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Indeno(1,2,3-c,d)pyrene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Isophorone	50.0	14.0	14.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	2-Methylnaphthalene	6.7	19.0	19.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Naphthalene	6.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Phenanthrene	6.7	33.0	33.0	UG/KG	
SW8270C/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Pyrene	6.7	27.0	27.0	UG/KG	
SW8270C/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	bis(2-Ethylhexyl) Phthalate	120	58.0	58.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	bis(2-Ethylhexyl) Phthalate	130	48.0	48.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Acenaphthene	6.8	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Anthracene	6.8	17.0	17.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	bis(2-Ethylhexyl) Phthalate	51.0	30.0	30.0 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Benzo(a)anthracene	6.8	34.0	34.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Benzo(a)pyrene	6.8	34.0	34.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Benzo(b)fluoranthene	6.8	33.0	33.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Benzo(g,h,i)perylene	6.8	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Benzo(k)fluoranthene	6.8	15.0	15.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Chrysene	6.8	33.0	33.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Dibenzofuran	51.0	7.2	7.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Fluorene	6.8	9.8	9.8	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Fluoranthene	6.8	91.0	91.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Indeno(1,2,3-c,d)pyrene	6.8	19.0	19.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	2-Methylnaphthalene	6.8	8.0	8.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Naphthalene	6.8	10.0	10.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Phenanthrene	6.8	78.0	78.0	UG/KG	
SW8270C/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Pyrene	6.8	65.0	65.0	UG/KG	
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	bis(2-Ethylhexyl) Phthalate	50.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Benzo(a)pyrene	6.7	9.7	9.7	UG/KG	
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Fluoranthene	6.7	6.0	6.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	2-Methylnaphthalene	6.7	6.4	6.4 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Naphthalene	6.7	6.3	6.3 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Phenanthrene	6.7	8.1	8.1	UG/KG	
SW8270C/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Pyrene	6.7	4.1	4.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Acenaphthene	6.7	22.0	22.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Anthracene	6.7	72.0	72.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	bis(2-Ethylhexyl) Phthalate	50.0	38.0	38.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Benzo(a)anthracene	6.7	110	110	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Benzo(a)pyrene	6.7	88.0	88.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Benzo(b)fluoranthene	6.7	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Benzo(g,h,i)perylene	6.7	48.0	48.0	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Benzo(k)fluoranthene	6.7	37.0	37.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Carbazole	50.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Chrysene	6.7	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Dibenz(a,h)anthracene	6.7	24.0	24.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Dibenzofuran	50.0	36.0	36.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Fluorene	6.7	46.0	46.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Fluoranthene	6.7	290	290	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Indeno(1,2,3-c,d)pyrene	6.7	44.0	44.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	2-Methylnaphthalene	6.7	24.0	24.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Naphthalene	6.7	38.0	38.0	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Phenanthrene	6.7	330	330	UG/KG	
SW8270C/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Pyrene	6.7	200	200	UG/KG	
SW8270C/NONE	SO	076SB-0048M-0001-SO	240-17796-33	FD	bis(2-Ethylhexyl) Phthalate	50.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0048M-0001-SO	240-17796-33	FD	Phenanthrene	6.6	3.5	3.5 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0050M-0001-SO	240-17796-35	N	bis(2-Ethylhexyl) Phthalate	120	47.0	47.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	bis(2-Ethylhexyl) Phthalate	63.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	Benzo(b)fluoranthene	8.4	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	Benzo(g,h,i)perylene	8.4	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	2-Methylnaphthalene	8.4	8.6	8.6	UG/KG	
SW8270C/NONE	SO	076SB-0051M-0001-SO	240-17796-36	N	Pyrene	8.4	6.7	6.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	bis(2-Ethylhexyl) Phthalate	130	55.0	55.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	bis(2-Ethylhexyl) Phthalate	51.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	2-Methylnaphthalene	6.8	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Naphthalene	6.8	3.8	3.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	bis(2-Ethylhexyl) Phthalate	51.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	2-Methylnaphthalene	6.7	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Naphthalene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Pyrene	6.7	5.6	5.6 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	bis(2-Ethylhexyl) Phthalate	50.0	35.0	35.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Benzo(b)fluoranthene	6.7	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Benzo(g,h,i)perylene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	2-Methylnaphthalene	6.7	9.0	9.0	UG/KG	
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Naphthalene	6.7	10.0	10.0	UG/KG	
SW8270C/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Pyrene	6.7	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	bis(2-Ethylhexyl) Phthalate	51.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Benzo(b)fluoranthene	6.8	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Fluoranthene	6.8	4.0	4.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	2-Methylnaphthalene	6.8	9.3	9.3	UG/KG	
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Naphthalene	6.8	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Phenanthrene	6.8	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Pyrene	6.8	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Acenaphthylene	34.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Anthracene	34.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Benzo(a)anthracene	34.0	92.0	92.0	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Benzo(a)pyrene	34.0	120	120	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Benzo(b)fluoranthene	34.0	87.0	87.0	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Benzo(g,h,i)perylene	34.0	58.0	58.0	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Benzo(k)fluoranthene	34.0	55.0	55.0	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Chrysene	34.0	110	110	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Fluoranthene	34.0	190	190	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Indeno(1,2,3-c,d)pyrene	34.0	66.0	66.0	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Naphthalene	34.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Phenanthrene	34.0	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Pyrene	34.0	140	140	UG/KG	
SW8270C/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	bis(2-Ethylhexyl) Phthalate	130	54.0	54.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	bis(2-Ethylhexyl) Phthalate	49.0	26.0	26.0 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Benzo(a)pyrene	6.6	9.8	9.8	UG/KG	
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Benzo(b)fluoranthene	6.6	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Fluoranthene	6.6	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	2-Methylnaphthalene	6.6	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Naphthalene	6.6	4.6	4.6 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Phenanthrene	6.6	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Pyrene	6.6	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	bis(2-Ethylhexyl) Phthalate	50.0	25.0	25.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Benzo(b)fluoranthene	6.6	5.7	5.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Fluoranthene	6.6	7.6	7.6	UG/KG	
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	2-Methylnaphthalene	6.6	25.0	25.0	UG/KG	
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Naphthalene	6.6	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Phenanthrene	6.6	7.4	7.4	UG/KG	
SW8270C/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Pyrene	6.6	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	bis(2-Ethylhexyl) Phthalate	130	50.0	50.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(a)anthracene	17.0	32.0	32.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(a)pyrene	17.0	39.0	39.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(b)fluoranthene	17.0	43.0	43.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(g,h,i)perylene	17.0	21.0	21.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Benzo(k)fluoranthene	17.0	9.4	9.4 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Chrysene	17.0	29.0	29.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Fluoranthene	17.0	59.0	59.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Indeno(1,2,3-c,d)pyrene	17.0	26.0	26.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Phenanthrene	17.0	34.0	34.0	UG/KG	
SW8270C/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Pyrene	17.0	43.0	43.0	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(a)anthracene	67.0	130	130	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(a)pyrene	67.0	170	170	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(b)fluoranthene	67.0	190	190	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(g,h,i)perylene	67.0	68.0	68.0	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Benzo(k)fluoranthene	67.0	45.0	45.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Chrysene	67.0	140	140	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Fluoranthene	67.0	260	260	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Indeno(1,2,3-c,d)pyrene	67.0	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Phenanthrene	67.0	140	140	UG/KG	
SW8270C/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Pyrene	67.0	190	190	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(a)anthracene	34.0	37.0	37.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(a)pyrene	34.0	74.0	74.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(b)fluoranthene	34.0	59.0	59.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(g,h,i)perylene	34.0	30.0	30.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Benzo(k)fluoranthene	34.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Chrysene	34.0	49.0	49.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Fluoranthene	34.0	63.0	63.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Indeno(1,2,3-c,d)pyrene	34.0	50.0	50.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	2-Methylnaphthalene	34.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Naphthalene	34.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Phenanthrene	34.0	39.0	39.0	UG/KG	
SW8270C/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Pyrene	34.0	48.0	48.0	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Anthracene	6.6	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	bis(2-Ethylhexyl) Phthalate	50.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Benzo(a)anthracene	6.6	7.0	7.0	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Benzo(a)pyrene	6.6	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Benzo(b)fluoranthene	6.6	7.1	7.1	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Chrysene	6.6	7.1	7.1	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Dibenzofuran	50.0	8.7	8.7 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Fluorene	6.6	8.9	8.9	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Fluoranthene	6.6	24.0	24.0	UG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	2-Methylnaphthalene	6.6	9.2	9.2	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Naphthalene	6.6	13.0	13.0	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Phenanthrene	6.6	39.0	39.0	UG/KG	
SW8270C/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Pyrene	6.6	14.0	14.0	UG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8330B/NONE	SO	076SB-0047M-0001-SO	240-17796-32	N	NITROGUANIDINE	0.24	0.036	0.036 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Rejected Results**

**--No Records Found--**

## AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)

### Anomalies Count

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	17	17
SW6020/TOTAL/NONE	1	9
SW7471A/TOTAL/NONE	1	1
SW8081/SW3520C/NONE	1	5
SW8082/SW3540C/NONE	12	84
SW8260B/SW5035/NONE	13	221
SW8270C/SW3550/NONE	31	561
SW8330B/METHOD/NONE	4	15

**Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	076SB-0044M-0001-SO	N	1	Nitrocellulose	51 U	7.9	51	5	MG/KG
E353.2/NONE	076SB-0045M-0001-SO	N	1	Nitrocellulose	50 U	7.7	50	5	MG/KG
E353.2/NONE	076SB-0046M-0001-SO	N	1	Nitrocellulose	47 U	7.4	47	5	MG/KG
E353.2/NONE	076SB-0047M-0001-SO	N	1	Nitrocellulose	50 U	7.8	50	5	MG/KG
E353.2/NONE	076SB-0048M-0001-SO	FD	1	Nitrocellulose	51 U	8	51	5	MG/KG
E353.2/NONE	076SB-0049M-0001-SO	N	1	Nitrocellulose	51 U	7.9	51	5	MG/KG
E353.2/NONE	076SB-0050M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG
E353.2/NONE	076SB-0051M-0001-SO	N	1	Nitrocellulose	61 U	9.6	61	5	MG/KG
E353.2/NONE	076SB-0053M-0001-SO	N	1	Nitrocellulose	48 U	7.5	48	5	MG/KG
E353.2/NONE	076SB-0054M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG
E353.2/NONE	076SB-0055M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG
E353.2/NONE	076SB-0056M-0001-SO	N	1	Nitrocellulose	50 U	7.7	50	5	MG/KG
E353.2/NONE	076SB-0057M-0001-SO	N	1	Nitrocellulose	51 U	7.9	51	5	MG/KG
E353.2/NONE	076SB-0058M-0001-SO	N	1	Nitrocellulose	47 U	7.3	47	5	MG/KG
E353.2/NONE	076SB-0059M-0001-SO	N	1	Nitrocellulose	49 U	7.6	49	5	MG/KG
E353.2/NONE	076SS-0007M-0001-SO	N	1	Nitrocellulose	44 U	6.9	44	5	MG/KG
E353.2/NONE	076SS-0022M-0001-SO	N	1	Nitrocellulose	46 U	7.2	46	5	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	076-0067-0001-ER	N	1	Aluminum	60 U	20	60	50	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Cadmium	2 U	0.4	2	0.5	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Calcium	2000 U	540	2000	100	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Iron	150 U	44	150	100	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Magnesium	1000 U	120	1000	100	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Potassium	1000 U	16	1000	200	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Sodium	1000 U	160	1000	200	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Thallium	0.75 J	0.32	2	1	UG/L
SW6020/NONE	076-0067-0001-ER	N	1	Zinc	10 J	8.8	40	10	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	076SB-0064M-0001-SO	N	1	Mercury	0.0283 J	0.016	0.12	0.1	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	076-0067-0001-ER	N	1	Aldrin	0.048 U	0.0079	0.048	0.03	UG/L
SW8081/NONE	076-0067-0001-ER	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.048 U	0.0067	0.048	0.03	UG/L
SW8081/NONE	076-0067-0001-ER	N	1	Dieldrin	0.048 U	0.0072	0.048	0.03	UG/L
SW8081/NONE	076-0067-0001-ER	N	1	Heptachlor	0.048 U	0.0077	0.048	0.03	UG/L
SW8081/NONE	076-0067-0001-ER	N	1	Heptachlor Epoxide	0.048 U	0.0068	0.048	0.03	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.13	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.096	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076-0067-0001-ER	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	076SB-0053M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	56 U	17	56	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SB-0054M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0055M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0056M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0057M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	64 U	21	64	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	49 U	16	49	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	44 U	14	44	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	54 U	17	54	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	54 U	17	54	33	UG/KG
SW8082/NONE	076SB-0058M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	54 U	17	54	33	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SB-0059M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	66 U	21	66	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	51 U	16	51	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	46 U	14	46	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	41 U	13	41	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	56 U	17	56	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	56 U	17	56	33	UG/KG
SW8082/NONE	076SS-0007M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	24 J	17	56	33	UG/KG
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.12	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.095	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076SW-0013-0001-SW	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1016 (Arochlor 1016)	0.5 U	0.17	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1221 (Arochlor 1221)	0.5 U	0.13	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1232 (Arochlor 1232)	0.5 U	0.16	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1242 (Arochlor 1242)	0.5 U	0.22	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1248 (Arochlor 1248)	0.5 U	0.1	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1254 (Arochlor 1254)	0.5 U	0.16	0.5	0.2	UG/L
SW8082/NONE	076SW-0014-0001-SW	FD	1	PCB-1260 (Arochlor 1260)	0.5 U	0.17	0.5	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.12	0.48	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.095	0.48	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076SW-0015-0001-SW	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076-0067-0001-ER	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076-0068-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0023M-0001-SO	N	1	1,2-Dichloroethene	8.8 U	0.67	8.8	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,1,1-Trichloroethane	5.9 U	0.66	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,1,2-Trichloroethane	5.9 U	0.46	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,1-Dichloroethane	5.9 U	0.43	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,1-Dichloroethene	5.9 U	0.61	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.9 U	0.59	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,2-Dichloroethane	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,2-Dichloroethene	12 U	0.91	12	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	1,2-Dichloropropane	5.9 U	0.82	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	2-Butanone (MEK)	2.3 J	1.7	24	20	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	2-Hexanone	24 U	0.74	24	20	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	24 U	0.64	24	20	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Acetone	24 U	7.4	24	20	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Benzene	5.9 U	0.27	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Bromochloromethane	5.9 U	0.84	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Bromodichloromethane	5.9 U	0.33	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Bromoform	5.9 U	0.39	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Bromomethane	5.9 U	0.64	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Carbon Disulfide	5.9 U	0.52	5.9	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Carbon Tetrachloride	5.9 U	0.44	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Chlorobenzene	5.9 U	0.39	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Chloroethane	5.9 U	1	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Chloroform	5.9 U	0.34	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Chloromethane	5.9 U	0.48	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	cis-1,3-Dichloropropene	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Dibromochloromethane	5.9 U	0.65	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Ethylbenzene	5.9 U	0.31	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Methylene Chloride	5.9 U	0.79	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Styrene	5.9 U	0.18	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.9 U	0.51	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Tetrachloroethene (PCE)	5.9 U	0.61	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Toluene	5.9 U	0.32	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	trans-1,3-Dichloropropene	5.9 U	0.64	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Trichloroethene (TCE)	5.9 U	0.5	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Vinyl Chloride	5.9 U	0.46	5.9	5	UG/KG
SW8260B/NONE	076SB-0024M-0001-SO	N	1	Xylenes, Total	12 U	0.79	12	10	UG/KG
SW8260B/NONE	076SB-0025M-0001-SO	N	1	1,2-Dichloroethene	8.3 U	0.64	8.3	5	UG/KG
SW8260B/NONE	076SB-0026M-0001-SO	N	1	1,2-Dichloroethene	8.7 U	0.67	8.7	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,1,1-Trichloroethane	5.1 U	0.58	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,1,2-Trichloroethane	5.1 U	0.4	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,1-Dichloroethane	5.1 U	0.37	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,1-Dichloroethene	5.1 U	0.54	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.1 U	0.51	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,2-Dichloroethane	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.79	10	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	1,2-Dichloropropane	5.1 U	0.71	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	2-Butanone (MEK)	21 U	1.4	21	20	UG/KG

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**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0027M-0001-SO	N	1	2-Hexanone	21 U	0.65	21	20	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 U	0.56	21	20	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Acetone	21 U	6.5	21	20	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Benzene	5.1 U	0.24	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Bromochloromethane	5.1 U	0.73	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Bromodichloromethane	5.1 U	0.29	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Bromoform	5.1 U	0.34	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Bromomethane	5.1 U	0.56	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Carbon Disulfide	5.1 U	0.45	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Carbon Tetrachloride	5.1 U	0.38	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Chlorobenzene	5.1 U	0.34	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Chloroethane	5.1 U	0.89	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Chloroform	5.1 U	0.3	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Chloromethane	5.1 U	0.42	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	cis-1,3-Dichloropropene	5.1 U	0.35	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Dibromochloromethane	5.1 U	0.57	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Ethylbenzene	5.1 U	0.27	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Methylene Chloride	0.69 J	0.69	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Styrene	5.1 U	0.15	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.1 U	0.44	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Tetrachloroethene (PCE)	5.1 U	0.54	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Toluene	5.1 U	0.28	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	trans-1,3-Dichloropropene	5.1 U	0.56	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Trichloroethene (TCE)	5.1 U	0.43	5.1	5	UG/KG
SW8260B/NONE	076SB-0027M-0001-SO	N	1	Vinyl Chloride	5.1 U	0.4	5.1	5	UG/KG
SW8260B/NONE	076SB-0028M-0001-SO	N	1	1,2-Dichloroethene	9.7 U	0.75	9.7	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,1,1-Trichloroethane	6 U	0.67	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	6 U	0.41	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,1,2-Trichloroethane	6 U	0.47	6	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,1-Dichloroethane	6 U	0.43	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,1-Dichloroethene	6 U	0.62	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,2-Dibromoethane (EDB)	6 U	0.6	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,2-Dichloroethane	6 U	0.41	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,2-Dichloroethene	12 U	0.92	12	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	1,2-Dichloropropane	6 U	0.82	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	2-Butanone (MEK)	9.6 J	1.7	24	20	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	2-Hexanone	24 U	0.75	24	20	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	24 U	0.64	24	20	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Acetone	24 U	7.5	24	20	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Benzene	6 U	0.27	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Bromochloromethane	6 U	0.85	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Bromodichloromethane	6 U	0.33	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Bromoform	6 U	0.39	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Bromomethane	6 U	0.64	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Carbon Disulfide	3.5 J	0.53	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Carbon Tetrachloride	6 U	0.44	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Chlorobenzene	6 U	0.39	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Chloroethane	6 U	1	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Chloroform	6 U	0.35	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Chloromethane	6 U	0.49	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	cis-1,3-Dichloropropene	6 U	0.41	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Dibromochloromethane	6 U	0.66	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Ethylbenzene	6 U	0.31	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Methylene Chloride	1.3 J	0.8	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Styrene	6 U	0.18	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6 U	0.51	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Tetrachloroethene (PCE)	6 U	0.62	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Toluene	0.33 J	0.32	6	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0029M-0001-SO	N	1	trans-1,3-Dichloropropene	6 U	0.64	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Trichloroethene (TCE)	6 U	0.5	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Vinyl Chloride	6 U	0.47	6	5	UG/KG
SW8260B/NONE	076SB-0029M-0001-SO	N	1	Xylenes, Total	12 U	0.8	12	10	UG/KG
SW8260B/NONE	076SB-0052M-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,1,1-Trichloroethane	5.2 U	0.58	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,1,2-Trichloroethane	5.2 U	0.41	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,1-Dichloroethane	5.2 U	0.37	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,1-Dichloroethene	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.2 U	0.52	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,2-Dichloroethane	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.8	10	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	1,2-Dichloropropane	5.2 U	0.72	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	2-Butanone (MEK)	21 U	1.5	21	20	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	2-Hexanone	21 U	0.65	21	20	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 U	0.56	21	20	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Acetone	21 U	6.5	21	20	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Benzene	5.2 U	0.24	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Bromochloromethane	5.2 U	0.74	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Bromodichloromethane	5.2 U	0.29	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Bromoform	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Bromomethane	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Carbon Disulfide	3.1 J	0.46	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Carbon Tetrachloride	5.2 U	0.38	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Chlorobenzene	5.2 U	0.34	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Chloroethane	5.2 U	0.89	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Chloroform	5.2 U	0.3	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Chloromethane	5.2 U	0.43	5.2	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0060M-0001-SO	N	1	cis-1,3-Dichloropropene	5.2 U	0.35	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Dibromochloromethane	5.2 U	0.57	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Ethylbenzene	5.2 U	0.27	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Methylene Chloride	5.2 U	0.7	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Styrene	5.2 U	0.16	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.2 U	0.45	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Tetrachloroethene (PCE)	5.2 U	0.54	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Toluene	5.2 U	0.28	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	trans-1,3-Dichloropropene	5.2 U	0.56	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Trichloroethene (TCE)	5.2 U	0.44	5.2	5	UG/KG
SW8260B/NONE	076SB-0060M-0001-SO	N	1	Vinyl Chloride	5.2 U	0.41	5.2	5	UG/KG
SW8260B/NONE	076SB-0062M-0001-SO	N	1	1,2-Dichloroethene	8.8 U	0.68	8.8	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,1,1-Trichloroethane	5.9 U	0.66	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,1,2-Trichloroethane	5.9 U	0.46	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,1-Dichloroethane	5.9 U	0.42	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,1-Dichloroethene	5.9 U	0.61	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.9 U	0.59	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,2-Dichloroethane	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,2-Dichloroethene	12 U	0.9	12	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	1,2-Dichloropropane	5.9 U	0.81	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	2-Butanone (MEK)	13 J	1.6	23	20	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	2-Hexanone	23 U	0.74	23	20	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	23 U	0.63	23	20	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Acetone	23 U	7.4	23	20	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Benzene	5.9 U	0.27	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Bromochloromethane	5.9 U	0.83	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Bromodichloromethane	5.9 U	0.33	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Bromoform	5.9 U	0.39	5.9	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Bromomethane	5.9 U	0.63	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Carbon Disulfide	3.5 J	0.52	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Carbon Tetrachloride	5.9 U	0.43	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Chlorobenzene	5.9 U	0.39	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Chloroethane	5.9 U	1	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Chloroform	5.9 U	0.34	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Chloromethane	5.9 U	0.48	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	cis-1,3-Dichloropropene	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Dibromochloromethane	5.9 U	0.65	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Ethylbenzene	2.4 J	0.3	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Methylene Chloride	5.9 U	0.79	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Styrene	5.9 U	0.18	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.9 U	0.5	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Tetrachloroethene (PCE)	5.9 U	0.61	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Toluene	1 J	0.32	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	trans-1,3-Dichloropropene	5.9 U	0.63	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Trichloroethene (TCE)	5.9 U	0.49	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Vinyl Chloride	5.9 U	0.46	5.9	5	UG/KG
SW8260B/NONE	076SB-0063M-0001-SO	N	1	Xylenes, Total	14	0.79	12	10	UG/KG
SW8260B/NONE	076SB-0064M-0001-SO	N	1	1,2-Dichloroethene	8.3 U	0.64	8.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,1,1-Trichloroethane	5.3 U	0.59	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.3 U	0.36	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,1,2-Trichloroethane	5.3 U	0.41	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,1-Dichloroethane	5.3 U	0.38	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,1-Dichloroethene	5.3 U	0.55	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.3 U	0.53	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,2-Dichloroethane	5.3 U	0.36	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,2-Dichloroethene	11 U	0.81	11	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	1,2-Dichloropropane	5.3 U	0.73	5.3	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SB-0065M-0001-SO	N	1	2-Butanone (MEK)	1.7 J	1.5	21	20	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	2-Hexanone	21 U	0.67	21	20	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	21 U	0.57	21	20	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Acetone	21 U	6.7	21	20	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Benzene	5.3 U	0.24	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Bromochloromethane	5.3 U	0.75	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Bromodichloromethane	5.3 U	0.3	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Bromoform	5.3 U	0.35	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Bromomethane	5.3 U	0.57	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Carbon Disulfide	3.2 J	0.47	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Carbon Tetrachloride	5.3 U	0.39	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Chlorobenzene	5.3 U	0.35	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Chloroethane	5.3 U	0.91	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Chloroform	5.3 U	0.31	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Chloromethane	5.3 U	0.43	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	cis-1,3-Dichloropropene	5.3 U	0.36	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Dibromochloromethane	5.3 U	0.58	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Ethylbenzene	5.3 U	0.28	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Methylene Chloride	5.3 U	0.71	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Styrene	5.3 U	0.16	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.3 U	0.45	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Tetrachloroethene (PCE)	5.3 U	0.55	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Toluene	5.3 U	0.29	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	trans-1,3-Dichloropropene	5.3 U	0.57	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Trichloroethene (TCE)	5.3 U	0.44	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Vinyl Chloride	5.3 U	0.41	5.3	5	UG/KG
SW8260B/NONE	076SB-0065M-0001-SO	N	1	Xylenes, Total	11 U	0.71	11	10	UG/KG
SW8260B/NONE	076SB-0066M-0001-SO	N	1	1,2-Dichloroethene	9.1 U	0.7	9.1	5	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0023M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,4,6-Trichlorophenol	370 U	200	370	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,4-Dichlorophenol	370 U	50	370	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,4-Dimethylphenol	370 U	50	370	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,4-Dinitrophenol	820 U	200	820	800	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	67	500	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	52	500	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	370 U	52	370	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	4-Chloroaniline	370 U	42	370	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	4-Nitrophenol	820 U	200	820	800	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	Benzoic acid	1600 U	830	1600	800	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	Benzyl alcohol	820 U	52	820	330	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	Carbazole	120 U	67	120	50	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	Cresols, m & p	990 U	50	990	300	UG/KG
SW8270C/NONE	076SB-0024M-0001-SO	N	2.5	Hexachlorocyclopentadiene	820 U	67	820	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,4-Dinitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	Benzoic acid	1700 U	830	1700	800	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	Carbazole	130 U	68	130	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0025M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SB-0026M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SB-0026M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	076SB-0027M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	51	380	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	51	380	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,4-Dinitrophenol	840 U	200	840	800	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,4-Dinitrotoluene	510 U	69	510	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2,6-Dinitrotoluene	510 U	53	510	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	510 U	200	510	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	4-Nitrophenol	840 U	200	840	800	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	Benzoic acid	1700 U	850	1700	800	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	Benzyl alcohol	840 U	53	840	330	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	Carbazole	130 U	69	130	50	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	Cresols, m & p	1000 U	51	1000	300	UG/KG
SW8270C/NONE	076SB-0028M-0001-SO	N	2.5	Hexachlorocyclopentadiene	840 U	69	840	330	UG/KG
SW8270C/NONE	076SB-0029M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,4,6-Trichlorophenol	370 U	200	370	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,4-Dichlorophenol	370 U	50	370	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,4-Dimethylphenol	370 U	50	370	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,4-Dinitrophenol	820 U	200	820	800	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	67	500	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	52	500	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	370 U	52	370	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	4-Chloroaniline	370 U	42	370	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	4-Nitrophenol	820 U	200	820	800	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	Benzoic acid	1600 U	830	1600	800	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	Benzyl alcohol	820 U	52	820	330	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	Carbazole	120 U	67	120	50	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0044M-0001-SO	N	2.5	Hexachlorocyclopentadiene	820 U	67	820	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	1,2,4-Trichlorobenzene	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	1,2-Dichlorobenzene	510 U	98	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	1,3-Dichlorobenzene	510 U	110	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	1,4-Dichlorobenzene	510 U	200	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	810	1500	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2-Chloronaphthalene	510 U	33	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2-Chlorophenol	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	810	2000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2-Nitroaniline	2000 U	92	2000	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	2-Nitrophenol	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Bromophenyl phenyl ether	510 U	130	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	510 U	130	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	4-Nitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Acenaphthene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Acenaphthylene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Anthracene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzo(a)anthracene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzo(a)pyrene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzo(b)fluoranthene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzo(g,h,i)perylene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzo(k)fluoranthene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzoic acid	6700 U	3400	6700	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Benzyl butyl phthalate	510 U	100	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	96	1000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Carbazole	510 U	270	510	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Chrysene	68 U	11	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Cresols, m & p	4100 U	200	4100	300	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Dibenz(a,h)anthracene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Dibenzofuran	510 U	33	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Diethyl Phthalate	510 U	160	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Dimethyl Phthalate	510 U	170	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Di-n-Butyl Phthalate	510 U	150	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Di-n-Octylphthalate	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Fluoranthene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Fluorene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Hexachlorobutadiene	510 U	270	510	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Hexachloroethane	510 U	91	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Isophorone	510 U	130	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Naphthalene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	n-Nitrosodi-n-propylamine	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Pentachlorophenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Phenanthrene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Phenol	510 U	270	510	330	UG/KG
SW8270C/NONE	076SB-0045M-0001-SO	N	10	Pyrene	68 U	33	68	50	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,4-Dinitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	Benzoic acid	1700 U	840	1700	800	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	Carbazole	130 U	68	130	50	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0046M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	98	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0047M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	810	1500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	810	2000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2-Nitroaniline	2000 U	92	2000	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	4-Nitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzo(a)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzo(a)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzo(b)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzo(g,h,i)perylene	67 U	33	67	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzo(k)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzoic acid	6600 U	3400	6600	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	96	1000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Chrysene	67 U	11	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Dibenzofuran	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Di-n-Butyl Phthalate	500 U	150	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Hexachloroethane	500 U	91	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Naphthalene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Pentachlorophenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Phenanthrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0047M-0001-SO	N	10	Pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0048M-0001-SO	FD	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	97	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2-Nitroaniline	2000 U	91	2000	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	4-Nitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzo(a)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzo(a)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzo(b)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzo(g,h,i)perylene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzo(k)fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzoic acid	6600 U	3300	6600	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	95	1000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Chrysene	67 U	11	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Dibenzofuran	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Di-n-Butyl Phthalate	500 U	150	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Fluoranthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Hexachloroethane	500 U	90	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Naphthalene	67 U	33	67	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Phenanthrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0049M-0001-SO	N	10	Pyrene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,4,6-Trichlorophenol	370 U	200	370	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,4-Dichlorophenol	370 U	49	370	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,4-Dimethylphenol	370 U	49	370	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,4-Dinitrophenol	810 U	200	810	800	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,4-Dinitrotoluene	490 U	67	490	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2,6-Dinitrotoluene	490 U	52	490	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	490 U	200	490	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	370 U	52	370	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	4-Chloroaniline	370 U	42	370	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	4-Nitrophenol	810 U	200	810	800	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	Benzoic acid	1600 U	820	1600	800	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	Benzyl alcohol	810 U	52	810	330	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	Carbazole	120 U	67	120	50	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	Cresols, m & p	990 U	49	990	300	UG/KG
SW8270C/NONE	076SB-0050M-0001-SO	N	2.5	Hexachlorocyclopentadiene	810 U	67	810	330	UG/KG
SW8270C/NONE	076SB-0051M-0001-SO	N	1	Benzoic acid	830 U	420	830	800	UG/KG
SW8270C/NONE	076SB-0051M-0001-SO	N	1	Benzyl alcohol	410 U	26	410	330	UG/KG
SW8270C/NONE	076SB-0051M-0001-SO	N	1	Carbazole	63 U	34	63	50	UG/KG
SW8270C/NONE	076SB-0051M-0001-SO	N	1	Cresols, m & p	500 U	25	500	300	UG/KG
SW8270C/NONE	076SB-0051M-0001-SO	N	1	Hexachlorocyclopentadiene	410 U	34	410	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,4-Dinitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	Benzoic acid	1700 U	830	1700	800	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	Carbazole	130 U	68	130	50	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0053M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	410	760	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,4-Dinitrophenol	1700 UJ	410	1700	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	410	1000	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	3,3'-Dichlorobenzidine	510 U	91	510	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	4-Nitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0054M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	076SB-0054M-0001-SO	N	5	Nitrobenzene	510 U	11	510	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,4-Dinitrophenol	1700 UJ	400	1700	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	90	500	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	4-Chloro-3-Methylphenol	750 U	110	750	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	076SB-0055M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0056M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SB-0056M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0057M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SB-0057M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0058M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0059M-0001-SO	N	1	Benzyl alcohol	340 U	21	340	330	UG/KG
SW8270C/NONE	076SB-0059M-0001-SO	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SB-0059M-0001-SO	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	076SB-0059M-0001-SO	N	1	Hexachlorocyclopentadiene	340 U	27	340	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	410	760	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,4-Dinitrophenol	1700 UJ	410	1700	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	410	1000	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	3,3'-Dichlorobenzidine	510 U	91	510	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	4-Nitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Benzoic acid	3400 U	1700	3400	800	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	076SB-0060M-0001-SO	N	5	Nitrobenzene	510 U	11	510	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,4-Dinitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	Benzoic acid	1700 U	830	1700	800	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	Carbazole	130 U	68	130	50	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0061M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SB-0062M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0063M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	1,2,4-Trichlorobenzene	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	1,2-Dichlorobenzene	490 U	96	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	1,3-Dichlorobenzene	490 U	110	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	1,4-Dichlorobenzene	490 U	200	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	790	1500	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	790	3300	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2-Chloronaphthalene	490 U	33	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2-Chlorophenol	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	790	2000	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2-Nitroaniline	2000 U	90	2000	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	2-Nitrophenol	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	3,3'-Dichlorobenzidine	990 U	180	990	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	790	1500	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Bromophenyl phenyl ether	490 U	130	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	490 U	130	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	4-Nitrophenol	3300 U	790	3300	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Acenaphthene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Acenaphthylene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Anthracene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzo(a)anthracene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzo(a)pyrene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzo(b)fluoranthene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzo(g,h,i)perylene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzo(k)fluoranthene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzoic acid	6500 U	3300	6500	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Benzyl butyl phthalate	490 U	99	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	990 U	220	990	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	990 U	20	990	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0064M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	990 U	94	990	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Carbazole	490 U	270	490	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Chrysene	66 U	11	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Cresols, m & p	3900 U	200	3900	300	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Dibenz(a,h)anthracene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Dibenzofuran	490 U	33	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Diethyl Phthalate	490 U	160	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Dimethyl Phthalate	490 U	170	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Di-n-Butyl Phthalate	490 U	150	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Di-n-Octylphthalate	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Fluoranthene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Fluorene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Hexachlorobutadiene	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Hexachloroethane	490 U	89	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Isophorone	490 U	130	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Naphthalene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Nitrobenzene	990 U	22	990	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	n-Nitrosodi-n-propylamine	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Pentachlorophenol	1500 U	790	1500	800	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Phenanthrene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Phenol	490 U	270	490	330	UG/KG
SW8270C/NONE	076SB-0064M-0001-SO	N	10	Pyrene	66 U	33	66	50	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,4-Dinitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	Benzoic acid	1700 U	830	1700	800	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	Carbazole	130 U	68	130	50	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SB-0065M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	97	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	800	1500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	800	2000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2-Nitroaniline	2000 U	91	2000	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 U	180	1000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	800	1500	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	4-Nitrophenol	3300 U	800	3300	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Acenaphthene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzo(a)anthracene	130	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzo(a)pyrene	170	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzo(b)fluoranthene	190	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzo(g,h,i)perylene	68	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzo(k)fluoranthene	45 J	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzoic acid	6600 U	3300	6600	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	95	1000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Carbazole	500 U	270	500	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Chrysene	140	11	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Dibenz(a,h)anthracene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Dibenzofuran	500 U	33	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Di-n-Butyl Phthalate	500 U	150	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Fluoranthene	260	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Fluorene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Hexachloroethane	500 U	90	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	100	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Naphthalene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Pentachlorophenol	1500 U	800	1500	800	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Phenanthrene	140	33	67	50	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SB-0066M-0001-SO	N	10	Pyrene	190	33	67	50	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	400	760	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,4-Dinitrophenol	1700 UJ	400	1700	800	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	400	1000	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 U	91	500	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Reporting Anomalies**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	076SS-0007M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	076SS-0022M-0001-SO	N	1	Cresols, m & p	400 U	20	400	300	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	076-0067-0001-ER	N	1	2-Amino-4,6-dinitrotoluene	0.21 U	0.015	0.21	0.2	UG/L
SW8330B/NONE	076-0067-0001-ER	N	1	2-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L
SW8330B/NONE	076-0067-0001-ER	N	1	3-Nitrotoluene	0.51 U	0.059	0.51	0.2	UG/L
SW8330B/NONE	076-0067-0001-ER	N	1	4-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L
SW8330B/NONE	076SW-0013-0001-SW	N	1	2-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L
SW8330B/NONE	076SW-0013-0001-SW	N	1	3-Nitrotoluene	0.51 U	0.058	0.51	0.2	UG/L
SW8330B/NONE	076SW-0013-0001-SW	N	1	4-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L
SW8330B/NONE	076SW-0014-0001-SW	FD	1	2-Amino-4,6-dinitrotoluene	0.21 U	0.015	0.21	0.2	UG/L
SW8330B/NONE	076SW-0014-0001-SW	FD	1	2-Nitrotoluene	0.52 U	0.091	0.52	0.2	UG/L
SW8330B/NONE	076SW-0014-0001-SW	FD	1	3-Nitrotoluene	0.52 U	0.059	0.52	0.2	UG/L
SW8330B/NONE	076SW-0014-0001-SW	FD	1	4-Nitrotoluene	0.52 U	0.091	0.52	0.2	UG/L
SW8330B/NONE	076SW-0015-0001-SW	N	1	2-Amino-4,6-dinitrotoluene	0.21 U	0.015	0.21	0.2	UG/L
SW8330B/NONE	076SW-0015-0001-SW	N	1	2-Nitrotoluene	0.52 U	0.091	0.52	0.2	UG/L
SW8330B/NONE	076SW-0015-0001-SW	N	1	3-Nitrotoluene	0.52 U	0.059	0.52	0.2	UG/L
SW8330B/NONE	076SW-0015-0001-SW	N	1	4-Nitrotoluene	0.52 U	0.091	0.52	0.2	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Worksheet**

SDG Name: 240-17796-1\_(76-SB,SS,SW)

**Method:** E353.2

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a duplicate sample prepared and analyzed with each batch?				
Was the duplicate RPD within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?				
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Method:** M8015V

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				
Were reported sample concentrations within calibration range?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Method:** SW6020

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was an Interference Check Standard (ICS) run at the beginning and end of every run?			•	Not Required
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Was a serial dilution prepared and analyzed with each batch?			•	Not Required
Was the serial dilution within QAPP acceptance limits?			•	Not Required
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Method:** SW7196A

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				

**Method:** SW7470A

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Method:** SW7470A

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				

**Method:** SW7471A

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

<b>Method: SW7471A</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				

<b>Method: SW8081</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Method:** SW8081

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Were the Breakdown products within QAPP acceptance limits?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				
Were reported sample concentrations within calibration range?				
Were RPDs between primary and confirmation columns < 40%?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				

**Method:** SW8082

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?				

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Method:** SW8082

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Were the Breakdown products within QAPP acceptance limits?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				
Were reported sample concentrations within calibration range?				
Were RPDs between primary and confirmation columns < 40%?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Method:** SW8082

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
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Were instrument run logs present and filled out appropriately?

**Method:** SW8151

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
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Did Chain-of-Custody information agree with laboratory report?

Were samples preserved properly and received in good condition?

Were sample receipt temperatures met?

Were holding times for prep and analysis met?

Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?

Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?

Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?

Was a CCV run at the beginning of the analytical sequence and every 12 hours?

Was the CCV a mid-level standard from the initial calibration curve?

Was the CCV %D within criteria (%D =20%)?

Was a method blank prepared and analyzed with each batch?

Were target analytes detected in the method blank above the MDL?

Was a field blank (equipment or trip) collected and analyzed?

Were target analytes reported in the field blank analyses above the MDL?

Were surrogate recoveries within QAPP acceptance limits?

Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)

Were the LCS recoveries within QAPP acceptance limits?

Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)

If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?

Were the Breakdown products within QAPP acceptance limits?

Is the MS/MSD parent sample the one designated by the sampling team?

Were MS/MSD recoveries and RPD within QAPP acceptance limits?

Were all QAPP-specified target analytes reported?

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

<b>Method: SW8151</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were reported sample concentrations within calibration range?				
Were RPDs between primary and confirmation columns < 40%?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				
<b>Method: SW8260B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified PQLs achieved?				
Were all QAPP-specified target analytes reported?				
Was the GC/MS system properly tuned based on method criteria?			•	Not Required
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?			•	Not Required
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?			•	Not Required
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?			•	Not Required
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?			•	Not Required
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?			•	Not Required
If a linear regression curve was used, was the correlation coefficient within criteria?			•	Not Required
Was a second source verification analyzed after the ICAL and all analytes within criteria?			•	Not Required
Was a CCV run at the beginning of the analytical sequence and every 12 hours?			•	Not Required
Was the CCV a mid-level standard from the initial calibration curve?			•	Not Required
Did the CCCs have a %Difference within QAPP acceptance limits?			•	Not Required

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

<b>Method: SW8260B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were the average RFs for the SPCCs within QAPP acceptance limits?			•	Not Required
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?			•	Not Required
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?			•	Not Required
Were the retention times for all IS compounds within QAPP acceptance limits?			•	Not Required
Are the area counts of all IS compounds within QAPP acceptance limits?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed at the required frequency?				
Were target analytes reported in the field blank analyses above the MDL?				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch?				
Were the LCS/LCSD recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits?				
Was the duplicate RPD within QAPP acceptance limits?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were surrogate recoveries within QAPP acceptance limits?				
Were reported sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were instrument run logs present and filled out appropriately?				
Were sample preparation sheets present and filled out appropriately?				
<b>Method: SW8270C</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Method:** SW8270C

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified PQLs achieved?				
Were all QAPP-specified target analytes reported?				
Was the GC/MS system properly tuned based on method criteria?			•	Not Required
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?			•	Not Required
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?			•	Not Required
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?			•	Not Required
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?			•	Not Required
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?			•	Not Required
If a linear regression curve was used, was the correlation coefficient within criteria?			•	Not Required
Was a second source verification analyzed after the ICAL and all analytes within criteria?			•	Not Required
Was a CCV run at the beginning of the analytical sequence and every 12 hours?			•	Not Required
Was the CCV a mid-level standard from the initial calibration curve?			•	Not Required
Did the CCCs have a %Difference within QAPP acceptance limits?			•	Not Required
Were the average RFs for the SPCCs within QAPP acceptance limits?			•	Not Required
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?			•	Not Required
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?			•	Not Required
Were the retention times for all IS compounds within QAPP acceptance limits?			•	Not Required
Are the area counts of all IS compounds within QAPP acceptance limits?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed at the required frequency?				
Were target analytes reported in the field blank analyses above the MDL?				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch?				

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Method:** SW8270C

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were the LCS/LCSD recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits?				
Was the duplicate RPD within QAPP acceptance limits?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were surrogate recoveries within QAPP acceptance limits?				
Were reported sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were instrument run logs present and filled out appropriately?				
Were sample preparation sheets present and filled out appropriately?				

**Method:** SW8330B

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?				
Were samples preserved properly and received in good condition?				
Were sample receipt temperatures met?				
Were holding times for prep and analysis met?				
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?				
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?				
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?				
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?				
Was the CCV %D within criteria (%D =20%)?				
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the method blank above the MDL?				
Was a field blank (equipment or trip) collected and analyzed?				



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-1\_(76-SB,SS,SW)**

**Method:** SW8330B

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?				
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)				
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)				
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were MS/MSD recoveries and RPD within QAPP acceptance limits?				
Were all QAPP-specified target analytes reported?				
Were reported sample concentrations within calibration range?				
Were RPDs between primary and confirmation columns < 40%?				
Did PDA spectra for reported compounds match associated standard spectra?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Were sample preparation sheets present and filled out appropriately?				
Were instrument run logs present and filled out appropriately?				

**WORKSHEET 7**

**Automated Data Review Summary for 240-17796-2  
Equipment Rinsate Blank**

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**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Facility:** Ravenna Army Ammunition Plant

**Event:** Fall 2012 SI/RI Sampling

**Guidance Document:** Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

**Contract Laboratory:** TestAmerica, Inc., North Canton, OH

**Field Contractor:** Environmental Chemical Corporation, Otis Ang Base, MA

**Data Review Contractor:**

**SDG:** 240-17796-2, Certified - 1/3/2013 by frederickroche

**QC Level:** ADR

**Project Manager:**

**Data Reviewer:**

**Data Reviewer Title:**

**Date of Review Report:**

**Samples Included in SDG 240-17796-2**

<b>Analytical Method/ Leach Method</b>	<b>Normal Soil Samples</b>	<b>Field QC Soil Samples</b>
SW6020/NONE	23	0

## AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-17796-2. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- Lab Replicate RPD
- LCS Recovery
- MS Recovery
- Prep Hold Time
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank
- Field Blank
- Field Duplicate RPD

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

Initial Calibration Verification

LCS RPD

Material Blank

MS RPD

Surrogate

Trip Blank

## AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

**Batch** – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

**QC Outlier** – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

**Qualified Results** – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

**Rejected Results** – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

**Field Duplicates** – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

**Data Submission Warnings** – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 4 results (0.79%) out of the 506 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

### Narrative Comments

Analytical Method	Comment
SW6020	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

Reviewed by ,

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## AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

### Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

## AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

### Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

## AUTOMATED DATA REVIEW SUMMARY for 240-17796-2

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Batch Report**

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59262	59062	NA	LABQC	SQ	LABQC	MB 180-59062/1-A		1/1	27-Nov-2012 10:06 AM	27-Nov-2012 10:06 AM	22-Dec-2012 9:29 PM	LB
	59062	NA	LABQC	SQ	LABQC	LCS 180-59062/2-A		1/1	27-Nov-2012 10:06 AM	27-Nov-2012 10:06 AM	22-Dec-2012 9:33 PM	BS
	59062	NA	76-U4-DU1-SB	SO	076SB-0023M-0001- SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 10:06 AM	22-Dec-2012 9:40 PM	N
	59062	NA	76-U4-DU1-SB	SO	076SB-0023M-0001- SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:04 PM	LR
	59062	NA	76-U4-DU1-SB	SO	076SB-0023M-0001- SO	240-17796-1		1/1	15-Nov-2012 9:15 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:08 PM	MS
	59062	NA	76-U10-DU1-SS	SO	076SS-0022M-0001- SO	240-17796-2		1/1	15-Nov-2012 12:25 PM	27-Nov-2012 10:06 AM	22-Dec-2012 10:20 PM	N
	59062	NA	76-U4-DU1-SB	SO	076SB-0024M-0001- SO	240-17796-3		1/1	15-Nov-2012 10:20 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:24 PM	N
	59062	NA	76-U4-DU1-SB1	SO	076SB-0025M-0001- SO	240-17796-4		1/1	15-Nov-2012 9:00 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:28 PM	N
	59062	NA	76-U4-DU1-SB2	SO	076SB-0026M-0001- SO	240-17796-5		1/1	15-Nov-2012 9:20 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:33 PM	N
	59062	NA	76-U4-DU1-SB3	SO	076SB-0027M-0001- SO	240-17796-6		1/1	15-Nov-2012 9:40 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:37 PM	N
	59062	NA	76-U4-DU1-SB4	SO	076SB-0028M-0001- SO	240-17796-7		1/1	15-Nov-2012 10:00 AM	27-Nov-2012 10:06 AM	22-Dec-2012 10:41 PM	N
	59062	NA	76-U4-DU1-SB5	SO	076SB-0029M-0001- SO	240-17796-8		1/1	15-Nov-2012 10:25 AM	27-Nov-2012 10:06 AM	22-Dec-2012 11:01 PM	N
	59062	NA	76-U20-DU1-SB	SO	076SB-0053M-0001- SO	240-17796-9		1/1	15-Nov-2012 3:55 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:05 PM	N
	59062	NA	76-U20-DU1-SS	SO	076SS-0007M-0001- SO	240-17796-10		1/1	15-Nov-2012 3:45 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:09 PM	N
	59062	NA	76-U20-DU1-SB	SO	076SB-0054M-0001- SO	240-17796-11		1/1	15-Nov-2012 3:56 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:14 PM	N
	59062	NA	76-U20-DU1-SB1	SO	076SB-0055M-0001- SO	240-17796-12		1/1	15-Nov-2012 1:45 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:18 PM	N
	59062	NA	76-U20-DU1-SB2	SO	076SB-0056M-0001- SO	240-17796-13		1/1	15-Nov-2012 2:10 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:22 PM	N
	59062	NA	76-U20-DU1-SB3	SO	076SB-0057M-0001- SO	240-17796-14		1/1	15-Nov-2012 2:40 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:27 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Batch Report**

Test Method: SW6020; Leach Method: NONE

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
59262	59062	NA	76-U20-DU1-SB4	SO	076SB-0058M-0001-SO	240-17796-15		1/1	15-Nov-2012 3:30 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:31 PM	N
	59062	NA	76-U20-DU1-SB5	SO	076SB-0059M-0001-SO	240-17796-16		1/1	15-Nov-2012 4:00 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:35 PM	N
	59062	NA	76-A3-DU1-SB	SO	076SB-0060M-0001-SO	240-17796-22		1/1	15-Nov-2012 5:35 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:40 PM	N
	59062	NA	76-A3-DU1-SB	SO	076SB-0061M-0001-SO	240-17796-23		1/1	15-Nov-2012 5:36 PM	27-Nov-2012 10:06 AM	22-Dec-2012 11:59 PM	N
	59062	NA	76-A3-DU1-SB1	SO	076SB-0062M-0001-SO	240-17796-24		1/1	15-Nov-2012 5:05 PM	27-Nov-2012 10:06 AM	23-Dec-2012 12:04 AM	N
59320	59062	NA	LABQC	SQ	LABQC	MB 180-59062/1-A		2/1	27-Nov-2012 10:06 AM	27-Nov-2012 10:06 AM	23-Dec-2012 7:08 PM	LB
	59062	NA	76-A3-DU1-SB2	SO	076SB-0063M-0001-SO	240-17796-25		1/1	15-Nov-2012 5:15 PM	27-Nov-2012 10:06 AM	23-Dec-2012 7:13 PM	N
59262	59171	NA	LABQC	SQ	LABQC	MB 180-59171/1-A		1/1	28-Nov-2012 12:40 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:14 AM	LB
	59171	NA	LABQC	SQ	LABQC	LCS 180-59171/2-A		1/1	28-Nov-2012 12:40 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:18 AM	BS
	59171	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:22 AM	N
	59171	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:31 AM	LR
	59171	NA	76-A3-DU1-SB3	SO	076SB-0064M-0001-SO	240-17796-26		1/1	15-Nov-2012 5:25 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:35 AM	MS
	59171	NA	76-A3-DU1-SB4	SO	076SB-0065M-0001-SO	240-17796-27		1/1	15-Nov-2012 5:40 PM	28-Nov-2012 12:40 PM	23-Dec-2012 12:59 AM	N
	59171	NA	76-A3-DU1-SB5	SO	076SB-0066M-0001-SO	240-17796-28		1/1	15-Nov-2012 4:50 PM	28-Nov-2012 12:40 PM	23-Dec-2012 1:04 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Field Batch Report**

**--No Records Found--**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	1 / 1.00	Aluminum	0.50 (MG/KG)	U/None	< 0.28	< 3	L		1	0.495
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	2 / 1.00	Aluminum	0.65 (MG/KG)	U/None	< 0.28	< 3	L		1	0.652
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	1 / 1.00	Calcium	1.4 (MG/KG)	U/None	< 1.3	< 10	L		1	1.43
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	2 / 1.00	Calcium	1.8 (MG/KG)	U/None	< 1.3	< 10	L		1	1.81
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	1 / 1.00	Iron	2.4 (MG/KG)	U/None	< 1.1	< 5	L		1	2.37
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	2 / 1.00	Manganese	0.039 (MG/KG)	U/None	< 0.016	< 0.5	L		1	0.0391
SW6020 / SW3050B/NONE	Blank	MB 180-59062/1-A (LB) / MB 180-59062/1-A	2 / 1.00	Zinc	0.078 (MG/KG)	U/None	< 0.065	< 0.5	L		1	0.0780
SW6020 / SW3050B/NONE	Blank	MB 180-59171/1-A (LB) / MB 180-59171/1-A	1 / 1.00	Aluminum	0.70 (MG/KG)	U/None	< 0.28	< 3	L		1	0.695
SW6020 / SW3050B/NONE	Blank	MB 180-59171/1-A (LB) / MB 180-59171/1-A	1 / 1.00	Calcium	1.4 (MG/KG)	U/None	< 1.3	< 10	L		1	1.44
SW6020 / SW3050B/NONE	Blank	MB 180-59171/1-A (LB) / MB 180-59171/1-A	1 / 1.00	Iron	2.3 (MG/KG)	U/None	< 1.1	< 5	L		1	2.32
SW6020 / SW3050B/NONE	Blank	MB 180-59171/1-A (LB) / MB 180-59171/1-A	1 / 1.00	Manganese	0.020 (MG/KG)	U/None	< 0.016	< 0.5	L		1	0.0199

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Aluminum	2.8	7300	7300 J		MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Antimony	0.19	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Iron	4.7	22000	22000 J		MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Manganese	0.47	590	590 J		MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Silver	0.094	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Zinc	0.47	46.0	46.0 J		MG/KG	M
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Antimony	0.19	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Selenium	0.46	0.43	0.43 J		MG/KG	TR
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Silver	0.093	0.020	0.020 J		MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Antimony	0.18	0.092	0.092 J		MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Selenium	0.45	0.39	0.39 J		MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Silver	0.091	0.019	0.019 J		MG/KG	TR
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Antimony	0.15	0.095	0.095 J		MG/KG	TR
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Silver	0.073	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Silver	0.087	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Antimony	0.15	0.090	0.090 J		MG/KG	TR
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Silver	0.076	0.013	0.013 J		MG/KG	TR
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Antimony	0.17	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Silver	0.085	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Antimony	0.16	0.064	0.064 J		MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Selenium	0.40	0.32	0.32 J		MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Silver	0.081	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Antimony	0.14	0.058	0.058 J		MG/KG	TR
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Silver	0.072	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Antimony	0.18	0.053	0.053 J		MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Selenium	0.44	0.38	0.38 J		MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Silver	0.088	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Antimony	0.14	0.065	0.065 J		MG/KG	TR



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Silver	0.070	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Antimony	0.20	0.063	0.063 J		MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Selenium	0.49	0.38	0.38 J		MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Silver	0.098	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Antimony	0.18	0.050	0.050 J		MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Selenium	0.44	0.36	0.36 J		MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Silver	0.088	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Antimony	0.19	0.053	0.053 J		MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Selenium	0.47	0.41	0.41 J		MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Silver	0.094	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Antimony	0.19	0.18	0.18 J		MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Silver	0.096	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Thallium	0.096	0.072	0.072 J		MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Antimony	0.18	0.072	0.072 J		MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Selenium	0.46	0.40	0.40 J		MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Silver	0.092	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Antimony	0.19	0.058	0.058 J		MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Selenium	0.49	0.43	0.43 J		MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Silver	0.097	0.052	0.052 J		MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Thallium	0.097	0.087	0.087 J		MG/KG	TR
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Antimony	0.16	0.13	0.13 J		MG/KG	TR
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Silver	0.078	0.027	0.027 J		MG/KG	TR
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Antimony	0.18	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Silver	0.092	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Silver	0.074	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Antimony	0.17	0.11	0.11 J		MG/KG	TR
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Silver	0.087	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Antimony	0.19	0.12	0.12 J		MG/KG	TR
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Antimony	0.20	0.10	0.10 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Silver	0.098	0.026	0.026 J		MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Silver	0.094	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Aluminum	2.8	7300	7300 J	MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Arsenic	0.094	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Barium	0.94	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Beryllium	0.094	0.44	0.44	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Calcium	9.4	950	950	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Cadmium	0.094	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Cobalt	0.047	7.3	7.3	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Chromium	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Copper	0.19	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Iron	4.7	22000	22000 J	MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Potassium	9.4	570	570	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Magnesium	9.4	1500	1500	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Manganese	0.47	590	590 J	MG/KG	M
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Sodium	9.4	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Nickel	0.094	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Lead	0.094	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Antimony	0.19	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Selenium	0.47	0.52	0.52	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Thallium	0.094	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Vanadium	0.094	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0023M-0001-SO	240-17796-1	N	Zinc	0.47	46.0	46.0 J	MG/KG	M
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Silver	0.093	0.020	0.020 J	MG/KG	TR
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Aluminum	2.8	5900	5900	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Arsenic	0.093	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Barium	0.93	41.0	41.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Beryllium	0.093	0.37	0.37	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Calcium	9.3	890	890	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Cadmium	0.093	0.14	0.14	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Cobalt	0.046	7.2	7.2	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Chromium	0.19	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Iron	4.6	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Potassium	9.3	620	620	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Magnesium	9.3	1600	1600	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Manganese	0.46	470	470	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Sodium	9.3	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Nickel	0.093	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Lead	0.093	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Antimony	0.19	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Selenium	0.46	0.43	0.43 J	MG/KG	TR
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Thallium	0.093	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Vanadium	0.093	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0024M-0001-SO	240-17796-3	N	Zinc	0.46	51.0	51.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Silver	0.091	0.019	0.019 J	MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Aluminum	2.7	6600	6600	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Arsenic	0.091	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Barium	0.91	41.0	41.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Beryllium	0.091	0.35	0.35	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Calcium	9.1	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Cadmium	0.091	0.17	0.17	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Cobalt	0.045	7.0	7.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Chromium	0.18	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Copper	0.18	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Iron	4.5	21000	21000	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Potassium	9.1	620	620	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Magnesium	9.1	1800	1800	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Manganese	0.45	300	300	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Sodium	9.1	26.0	26.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Nickel	0.091	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Lead	0.091	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Antimony	0.18	0.092	0.092 J	MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Selenium	0.45	0.39	0.39 J	MG/KG	TR
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Thallium	0.091	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Vanadium	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0025M-0001-SO	240-17796-4	N	Zinc	0.45	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Silver	0.073	0.022	0.022 J	MG/KG	TR
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Aluminum	2.2	6300	6300	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Arsenic	0.073	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Barium	0.73	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Beryllium	0.073	0.39	0.39	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Calcium	7.3	700	700	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Cadmium	0.073	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Cobalt	0.036	8.5	8.5	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Chromium	0.15	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Copper	0.15	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Iron	3.6	21000	21000	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Potassium	7.3	620	620	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Magnesium	7.3	1700	1700	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Manganese	0.36	450	450	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Sodium	7.3	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Nickel	0.073	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Lead	0.073	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Antimony	0.15	0.095	0.095 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Selenium	0.36	0.41	0.41	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Thallium	0.073	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Vanadium	0.073	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0026M-0001-SO	240-17796-5	N	Zinc	0.36	49.0	49.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Silver	0.087	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Aluminum	2.6	7200	7200	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Arsenic	0.087	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Barium	0.87	62.0	62.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Beryllium	0.087	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Calcium	8.7	980	980	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Cadmium	0.087	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Cobalt	0.043	8.6	8.6	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Chromium	0.17	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Copper	0.17	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Iron	4.3	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Potassium	8.7	560	560	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Magnesium	8.7	1300	1300	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Manganese	0.43	930	930	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Sodium	8.7	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Nickel	0.087	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Lead	0.087	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Antimony	0.17	0.29	0.29	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Selenium	0.43	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Thallium	0.087	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Vanadium	0.087	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0027M-0001-SO	240-17796-6	N	Zinc	0.43	45.0	45.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Silver	0.076	0.013	0.013 J	MG/KG	TR
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Aluminum	2.3	6100	6100	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Arsenic	0.076	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Barium	0.76	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Beryllium	0.076	0.34	0.34	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Calcium	7.6	630	630	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Cadmium	0.076	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Cobalt	0.038	7.8	7.8	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Chromium	0.15	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Copper	0.15	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Iron	3.8	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Potassium	7.6	580	580	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Magnesium	7.6	1600	1600	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Manganese	0.38	380	380	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Sodium	7.6	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Nickel	0.076	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Lead	0.076	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Antimony	0.15	0.090	0.090 J	MG/KG	TR
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Selenium	0.38	0.51	0.51	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Thallium	0.076	0.099	0.099	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Vanadium	0.076	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0028M-0001-SO	240-17796-7	N	Zinc	0.38	46.0	46.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Silver	0.085	0.024	0.024 J	MG/KG	TR
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Aluminum	2.6	6000	6000	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Arsenic	0.085	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Barium	0.85	48.0	48.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Beryllium	0.085	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Calcium	8.5	1600	1600	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Cadmium	0.085	0.17	0.17	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Cobalt	0.043	7.2	7.2	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Chromium	0.17	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Copper	0.17	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Iron	4.3	24000	24000	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Potassium	8.5	500	500	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Magnesium	8.5	1400	1400	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Manganese	0.43	710	710	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Sodium	8.5	27.0	27.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Nickel	0.085	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Lead	0.085	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Antimony	0.17	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Selenium	0.43	0.43	0.43	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Thallium	0.085	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Vanadium	0.085	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0029M-0001-SO	240-17796-8	N	Zinc	0.43	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Silver	0.081	0.024	0.024 J	MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Aluminum	2.4	7700	7700	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Arsenic	0.081	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Barium	0.81	36.0	36.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Beryllium	0.081	0.39	0.39	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Calcium	8.1	1700	1700	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Cadmium	0.081	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Cobalt	0.040	7.3	7.3	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Chromium	0.16	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Copper	0.16	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Iron	4.0	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Potassium	8.1	750	750	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Magnesium	8.1	2300	2300	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Manganese	0.40	270	270	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Sodium	8.1	32.0	32.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Nickel	0.081	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Lead	0.081	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Antimony	0.16	0.064	0.064 J	MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Selenium	0.40	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Thallium	0.081	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Vanadium	0.081	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0053M-0001-SO	240-17796-9	N	Zinc	0.40	45.0	45.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Silver	0.072	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Aluminum	2.2	6700	6700	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Arsenic	0.072	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Barium	0.72	30.0	30.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Beryllium	0.072	0.38	0.38	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Calcium	7.2	5000	5000	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Cadmium	0.072	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Cobalt	0.036	8.6	8.6	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Chromium	0.14	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Copper	0.14	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Iron	3.6	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Potassium	7.2	890	890	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Magnesium	7.2	3400	3400	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Manganese	0.36	360	360	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Sodium	7.2	40.0	40.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Nickel	0.072	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Lead	0.072	9.8	9.8	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Antimony	0.14	0.058	0.058 J	MG/KG	TR
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Selenium	0.36	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Thallium	0.072	0.11	0.11	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Vanadium	0.072	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0054M-0001-SO	240-17796-11	N	Zinc	0.36	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Silver	0.088	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Aluminum	2.6	7200	7200	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Arsenic	0.088	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Barium	0.88	29.0	29.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Beryllium	0.088	0.41	0.41	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Calcium	8.8	5800	5800	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Cadmium	0.088	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Cobalt	0.044	9.4	9.4	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Chromium	0.18	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Iron	4.4	23000	23000	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Potassium	8.8	940	940	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Magnesium	8.8	3800	3800	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Manganese	0.44	350	350	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Sodium	8.8	42.0	42.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Nickel	0.088	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Lead	0.088	9.7	9.7	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Antimony	0.18	0.053	0.053 J	MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Selenium	0.44	0.38	0.38 J	MG/KG	TR
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Thallium	0.088	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Vanadium	0.088	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0055M-0001-SO	240-17796-12	N	Zinc	0.44	47.0	47.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Silver	0.070	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Aluminum	2.1	7300	7300	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Arsenic	0.070	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Barium	0.70	34.0	34.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Beryllium	0.070	0.37	0.37	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Calcium	7.0	2500	2500	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Cadmium	0.070	0.17	0.17	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Cobalt	0.035	7.5	7.5	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Chromium	0.14	23.0	23.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Copper	0.14	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Iron	3.5	21000	21000	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Potassium	7.0	780	780	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Magnesium	7.0	2500	2500	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Manganese	0.35	330	330	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Sodium	7.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Nickel	0.070	23.0	23.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Lead	0.070	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Antimony	0.14	0.065	0.065 J	MG/KG	TR
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Selenium	0.35	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Thallium	0.070	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Vanadium	0.070	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0056M-0001-SO	240-17796-13	N	Zinc	0.35	49.0	49.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Silver	0.098	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Aluminum	2.9	8500	8500	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Arsenic	0.098	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Barium	0.98	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Beryllium	0.098	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Calcium	9.8	4000	4000	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Cadmium	0.098	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Cobalt	0.049	8.5	8.5	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Chromium	0.20	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Copper	0.20	18.0	18.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Iron	4.9	23000	23000	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Potassium	9.8	1200	1200	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Magnesium	9.8	3200	3200	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Manganese	0.49	330	330	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Sodium	9.8	47.0	47.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Nickel	0.098	23.0	23.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Lead	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Antimony	0.20	0.063	0.063 J	MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Selenium	0.49	0.38	0.38 J	MG/KG	TR
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Thallium	0.098	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Vanadium	0.098	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0057M-0001-SO	240-17796-14	N	Zinc	0.49	62.0	62.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Silver	0.088	0.022	0.022 J	MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Aluminum	2.6	8000	8000	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Arsenic	0.088	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Barium	0.88	32.0	32.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Beryllium	0.088	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Calcium	8.8	4100	4100	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Cadmium	0.088	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Cobalt	0.044	9.1	9.1	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Chromium	0.18	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Iron	4.4	23000	23000	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Potassium	8.8	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Magnesium	8.8	3700	3700	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Manganese	0.44	350	350	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Sodium	8.8	43.0	43.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Nickel	0.088	23.0	23.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Lead	0.088	9.4	9.4	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Antimony	0.18	0.050	0.050 J	MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Selenium	0.44	0.36	0.36 J	MG/KG	TR
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Thallium	0.088	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Vanadium	0.088	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0058M-0001-SO	240-17796-15	N	Zinc	0.44	58.0	58.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Silver	0.094	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Aluminum	2.8	6600	6600	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Arsenic	0.094	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Barium	0.94	31.0	31.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Beryllium	0.094	0.37	0.37	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Calcium	9.4	2200	2200	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Cadmium	0.094	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Cobalt	0.047	7.6	7.6	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Chromium	0.19	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Copper	0.19	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Iron	4.7	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Potassium	9.4	920	920	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Magnesium	9.4	2600	2600	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Manganese	0.47	300	300	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Sodium	9.4	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Nickel	0.094	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Lead	0.094	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Antimony	0.19	0.053	0.053 J	MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Selenium	0.47	0.41	0.41 J	MG/KG	TR
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Thallium	0.094	0.10	0.10	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Vanadium	0.094	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0059M-0001-SO	240-17796-16	N	Zinc	0.47	46.0	46.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Silver	0.096	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Aluminum	2.9	6800	6800	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Arsenic	0.096	6.7	6.7	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Barium	0.96	52.0	52.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Beryllium	0.096	0.60	0.60	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Calcium	9.6	14000	14000	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Cadmium	0.096	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Cobalt	0.048	4.2	4.2	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Chromium	0.19	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Copper	0.19	8.7	8.7	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Iron	4.8	14000	14000	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Potassium	9.6	810	810	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Magnesium	9.6	2400	2400	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Manganese	0.48	650	650	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Sodium	9.6	78.0	78.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Nickel	0.096	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Lead	0.096	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Antimony	0.19	0.18	0.18 J	MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Selenium	0.48	0.55	0.55	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Thallium	0.096	0.072	0.072 J	MG/KG	TR
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Vanadium	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0060M-0001-SO	240-17796-22	N	Zinc	0.48	33.0	33.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Silver	0.092	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Aluminum	2.8	7900	7900	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Arsenic	0.092	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Barium	0.92	53.0	53.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Beryllium	0.092	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Calcium	9.2	1600	1600	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Cadmium	0.092	0.17	0.17	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Cobalt	0.046	8.6	8.6	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Chromium	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Iron	4.6	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Potassium	9.2	1100	1100	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Magnesium	9.2	2400	2400	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Manganese	0.46	350	350	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Sodium	9.2	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Nickel	0.092	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Lead	0.092	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Antimony	0.18	0.072	0.072 J	MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Selenium	0.46	0.40	0.40 J	MG/KG	TR
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Thallium	0.092	0.11	0.11	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Vanadium	0.092	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0061M-0001-SO	240-17796-23	N	Zinc	0.46	53.0	53.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Silver	0.097	0.052	0.052 J	MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Aluminum	2.9	7300	7300	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Arsenic	0.097	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Barium	0.97	63.0	63.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Beryllium	0.097	0.46	0.46	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Calcium	9.7	4000	4000	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Cadmium	0.097	0.24	0.24	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Cobalt	0.049	6.0	6.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Chromium	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Copper	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Iron	4.9	19000	19000	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Potassium	9.7	1100	1100	MG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Magnesium	9.7	2300	2300	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Manganese	0.49	410	410	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Sodium	9.7	36.0	36.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Nickel	0.097	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Lead	0.097	9.5	9.5	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Antimony	0.19	0.058	0.058 J	MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Selenium	0.49	0.43	0.43 J	MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Thallium	0.097	0.087	0.087 J	MG/KG	TR
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Vanadium	0.097	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0062M-0001-SO	240-17796-24	N	Zinc	0.49	42.0	42.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Silver	0.078	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Aluminum	2.3	7700	7700	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Arsenic	0.078	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Barium	0.78	42.0	42.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Beryllium	0.078	0.38	0.38	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Calcium	7.8	1300	1300	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Cadmium	0.078	0.16	0.16	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Cobalt	0.039	7.5	7.5	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Chromium	0.16	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Copper	0.16	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Iron	3.9	19000	19000	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Potassium	7.8	1200	1200	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Magnesium	7.8	2000	2000	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Manganese	0.39	250	250	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Sodium	7.8	44.0	44.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Nickel	0.078	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Lead	0.078	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Antimony	0.16	0.13	0.13 J	MG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Selenium	0.39	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Thallium	0.078	0.094	0.094	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Vanadium	0.078	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0063M-0001-SO	240-17796-25	N	Zinc	0.39	44.0	44.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Silver	0.092	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Aluminum	2.8	6600	6600	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Arsenic	0.092	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Barium	0.92	43.0	43.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Beryllium	0.092	0.43	0.43	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Calcium	9.2	3700	3700	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Cadmium	0.092	0.19	0.19	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Cobalt	0.046	8.1	8.1	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Chromium	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Copper	0.18	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Iron	4.6	22000	22000	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Potassium	9.2	810	810	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Magnesium	9.2	2100	2100	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Manganese	0.46	330	330	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Sodium	9.2	29.0	29.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Nickel	0.092	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Lead	0.092	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Antimony	0.18	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Selenium	0.46	0.61	0.61	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Thallium	0.092	0.15	0.15	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Vanadium	0.092	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0064M-0001-SO	240-17796-26	N	Zinc	0.46	54.0	54.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Silver	0.074	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Aluminum	2.2	8000	8000	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Arsenic	0.074	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Barium	0.74	69.0	69.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Beryllium	0.074	0.59	0.59	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Calcium	7.4	7100	7100	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Cadmium	0.074	0.21	0.21	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Cobalt	0.037	7.5	7.5	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Chromium	0.15	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Copper	0.15	21.0	21.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Iron	3.7	19000	19000	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Potassium	7.4	870	870	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Magnesium	7.4	2500	2500	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Manganese	0.37	500	500	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Sodium	7.4	48.0	48.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Nickel	0.074	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Lead	0.074	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Antimony	0.15	0.18	0.18	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Selenium	0.37	0.64	0.64	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Thallium	0.074	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Vanadium	0.074	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SB-0065M-0001-SO	240-17796-27	N	Zinc	0.37	50.0	50.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Silver	0.087	0.035	0.035 J	MG/KG	TR
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Aluminum	2.6	8600	8600	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Arsenic	0.087	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Barium	0.87	69.0	69.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Beryllium	0.087	0.61	0.61	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Calcium	8.7	7300	7300	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Cadmium	0.087	0.20	0.20	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Cobalt	0.043	7.8	7.8	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Chromium	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Copper	0.17	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Iron	4.3	20000	20000	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Potassium	8.7	790	790	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Magnesium	8.7	2700	2700	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Manganese	0.43	560	560	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Sodium	8.7	55.0	55.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Nickel	0.087	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Lead	0.087	26.0	26.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Antimony	0.17	0.11	0.11 J	MG/KG	TR
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Selenium	0.43	0.61	0.61	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Thallium	0.087	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Vanadium	0.087	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SB-0066M-0001-SO	240-17796-28	N	Zinc	0.43	55.0	55.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Silver	0.097	0.22	0.22	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Aluminum	2.9	7800	7800	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Arsenic	0.097	9.2	9.2	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Barium	0.97	52.0	52.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Beryllium	0.097	0.41	0.41	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Calcium	9.7	2400	2400	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Cadmium	0.097	0.29	0.29	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Cobalt	0.049	6.1	6.1	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Chromium	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Copper	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Iron	4.9	19000	19000	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Potassium	9.7	600	600	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Magnesium	9.7	1600	1600	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Manganese	0.49	290	290	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Sodium	9.7	25.0	25.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Nickel	0.097	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Lead	0.097	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Antimony	0.19	0.12	0.12 J	MG/KG	TR
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Selenium	0.49	0.50	0.50	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Thallium	0.097	0.12	0.12	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Vanadium	0.097	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SS-0007M-0001-SO	240-17796-10	N	Zinc	0.49	52.0	52.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Silver	0.098	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Aluminum	2.9	8400	8400	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Arsenic	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Barium	0.98	51.0	51.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Beryllium	0.098	0.51	0.51	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Calcium	9.8	4300	4300	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Cadmium	0.098	0.13	0.13	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Cobalt	0.049	8.2	8.2	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Chromium	0.20	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Copper	0.20	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Iron	4.9	22000	22000	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Potassium	9.8	800	800	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Magnesium	9.8	2200	2200	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Manganese	0.49	400	400	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Sodium	9.8	44.0	44.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Nickel	0.098	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Lead	0.098	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Antimony	0.20	0.10	0.10 J	MG/KG	TR
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Selenium	0.49	0.56	0.56	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Thallium	0.098	0.14	0.14	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Vanadium	0.098	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SS-0022M-0001-SO	240-17796-2	N	Zinc	0.49	40.0	40.0	MG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

**Rejected Results**

**--No Records Found--**

**Anomalies Count**

**--No Records Found--**

**Reporting Anomalies**

**--No Records Found--**

**Worksheet**

SDG Name: 240-17796-2

**Method:** SW6020

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				
Were samples preserved properly and received in good condition?				
Were holding times met?				
Were sample receipt temperatures met?				
Were QAPP specified RLs achieved?				
Were all QAPP specified target analytes reported?				
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?			•	Not Required
Were ICV/CCV results within QAPP acceptance limits?			•	Not Required

**AUTOMATED DATA REVIEW SUMMARY for 240-17796-2**

<b>Method: SW6020</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?			•	Not Required
Was a method blank prepared and analyzed with each batch?				
Were target analytes detected in the ICB/CCB/method blank?			•	Not Required
Was a field blank collected and analyzed?				
Were target analytes reported in the field blank analyses above the MDL?				
Was an Interference Check Standard (ICS) run at the beginning and end of every run?			•	Not Required
Was the ICS recovery within QAPP acceptance limits?			•	Not Required
If a field duplicate was analyzed, were the RPDs within criteria?				
Was a LCS prepared and analyzed with each batch?				
Were the LCS recoveries within QAPP acceptance limits?				
Was a MS/MSD pair prepared with each batch?				
Is the MS/MSD parent sample the one designated by the sampling team?				
Were the MS/MSD within QAPP acceptance limits?				
Was a serial dilution prepared and analyzed with each batch?			•	Not Required
Was the serial dilution within QAPP acceptance limits?			•	Not Required
Were sample concentrations within calibration range?				
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?				
Are all samples associated with QC non-compliances flagged appropriately?				
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				



**WORKSHEET 8**

**Automated Data Review Summary for 240-18735-1/-2  
Source Water**

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**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Facility:** Ravenna Army Ammunition Plant

**Event:** Fall 2012 SI/RI Sampling

**Guidance Document:** Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

**Contract Laboratory:** TestAmerica, Inc., North Canton, OH

**Field Contractor:** Environmental Chemical Corporation, Abingdon, MD

**Data Review Contractor:**

**SDG:** J18735\_SourceWater, Certified - 10/4/2013 by frederickroche

**QC Level:**

**Project Manager:**

**Data Reviewer:**

**Data Reviewer Title:**

**Date of Review Report:**

**Samples Included in SDG J18735\_SourceWater**

<b>Analytical Method/ Leach Method</b>	<b>Normal Water Samples</b>	<b>Field QC Water Samples</b>
E353.2/NONE	2	0
M8015D/NONE	2	0
M8015V/NONE	2	0
SW6020/NONE	2	0
SW7470A/NONE	2	0
SW8081/NONE	2	0
SW8082/NONE	2	0

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

<b>Analytical Method/ Leach Method</b>	<b>Normal Water Samples</b>	<b>Field QC Water Samples</b>
SW8151A/NONE	2	0
SW8260B/NONE	2	0
SW8270C/NONE	2	0
SW8330B/NONE	2	0

## AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Abingdon, MD; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) J18735\_SourceWater. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

Prep Hold Time

Surrogate

Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

Ambient Blank

Blank

Blank - Negative

Calibration Blank

Calibration Blank - Negative

Continuing Calibration Verification

Equipment Blank

Field Blank

Field Duplicate RPD

Initial Calibration Verification

Lab Replicate RPD

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

LCS Recovery

LCS RPD

Material Blank

MS Recovery

MS RPD

Trip Blank

## AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

**Batch** – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

**QC Outlier** – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

**Qualified Results** – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

**Rejected Results** – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

**Field Duplicates** – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

**Data Submission Warnings** – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 0 results (0.00%) out of the 370 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

### Narrative Comments

Analytical Method	Comment
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**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

Reviewed by ,

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## AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater

### Reason and Comment Code Definitions

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

## AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater

### Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

## AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Batch Report**

<b>Test Method: E353.2; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
8009	7878	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	27-Dec-2012 6:07 AM	27-Dec-2012 1:51 PM	N
	7878	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	27-Dec-2012 6:07 AM	27-Dec-2012 1:53 PM	N
<b>Test Method: M8015D; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
68949	68549	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	13-Dec-2012 11:26 AM	17-Dec-2012 9:35 PM	N
	68549	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	13-Dec-2012 11:26 AM	17-Dec-2012 10:05 PM	N
<b>Test Method: M8015V; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
69738	69738	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	22-Dec-2012 4:18 PM	22-Dec-2012 4:18 PM	N
	69738	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	22-Dec-2012 4:56 PM	22-Dec-2012 4:56 PM	N
<b>Test Method: SW6020; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
59694	59308	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	24-Dec-2012 10:24 AM	29-Dec-2012 4:07 AM	N
	59308	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	24-Dec-2012 10:24 AM	29-Dec-2012 4:11 AM	N
<b>Test Method: SW7470A; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
70694	70255	NA	BLDG-1036	WG	070-0057-0001- SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	27-Dec-2012 4:00 PM	29-Dec-2012 12:08 PM	N
	70255	NA	BLDG-1036	WG	070-0056-0001- SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	27-Dec-2012 4:00 PM	29-Dec-2012 12:10 PM	N

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Batch Report**

Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69152	68554	NA	BLDG-1036	WG	070-0056-0001-SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	13-Dec-2012 11:40 AM	18-Dec-2012 1:14 PM	N
	68554	NA	BLDG-1036	WG	070-0057-0001-SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	13-Dec-2012 11:40 AM	18-Dec-2012 1:42 PM	N

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69119	68553	NA	BLDG-1036	WG	070-0056-0001-SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	13-Dec-2012 11:37 AM	18-Dec-2012 9:11 AM	N
	68553	NA	BLDG-1036	WG	070-0057-0001-SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	13-Dec-2012 11:37 AM	18-Dec-2012 9:26 AM	N

Test Method: SW8151A; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
70037	69372	NA	BLDG-1036	WG	070-0056-0001-SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	19-Dec-2012 9:51 AM	24-Dec-2012 5:40 PM	N
	69372	NA	BLDG-1036	WG	070-0057-0001-SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	19-Dec-2012 9:51 AM	24-Dec-2012 6:03 PM	N

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
69591	69591	NA	BLDG-1036	WG	070-0056-0001-SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	20-Dec-2012 2:04 PM	20-Dec-2012 2:04 PM	N
	69591	NA	BLDG-1036	WG	070-0057-0001-SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	20-Dec-2012 2:26 PM	20-Dec-2012 2:26 PM	N

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68962	68547	NA	BLDG-1036	WG	070-0056-0001-SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	13-Dec-2012 11:21 AM	17-Dec-2012 12:28 PM	N
	68547	NA	BLDG-1036	WG	070-0057-0001-SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	13-Dec-2012 11:21 AM	17-Dec-2012 12:51 PM	N

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Batch Report**

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
7620	7404	NA	BLDG-1036	WG	070-0056-0001-SOURCE WATER	240-18735-3		1/1	12-Dec-2012 1:00 PM	14-Dec-2012 11:07 AM	21-Dec-2012 3:22 PM	N
	7404	NA	BLDG-1036	WG	070-0057-0001-SOURCE WATER	240-18735-4		1/1	12-Dec-2012 1:15 PM	14-Dec-2012 11:07 AM	21-Dec-2012 4:02 PM	N
7855	7807	NA	BLDG-1036	WG	070-0056-0001-SOURCE WATER	240-18735-3		2/1	12-Dec-2012 1:00 PM	24-Dec-2012 12:40 PM	27-Dec-2012 4:51 AM	N
	7807	NA	BLDG-1036	WG	070-0057-0001-SOURCE WATER	240-18735-4		2/1	12-Dec-2012 1:15 PM	24-Dec-2012 12:40 PM	27-Dec-2012 5:06 AM	N

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Field Batch Report**

**--No Records Found--**

**QC Outliers Report**

**--No Records Found--**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Petroleum Hydrocarbons C6-C12	100	39.0	39.0 J		UG/L	TR
M8015V/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Petroleum Hydrocarbons C6-C12	100	36.0	36.0 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Aluminum	30.0	13.0	13.0 J		UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Arsenic	1.0	0.49	0.49 J		UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Cobalt	0.50	0.11	0.11 J		UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Copper	2.0	0.83	0.83 J		UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Barium	10.0	0.13	0.13 J		UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Calcium	100	59.0	59.0 J		UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Copper	2.0	0.60	0.60 J		UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Magnesium	100	29.0	29.0 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	2-Butanone (MEK)	10.0	1.2	1.2 J		UG/L	TR

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Acetone	10.0	2.1	2.1 J		UG/L	TR
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Toluene	1.0	0.15	0.15 J		UG/L	TR



**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Petroleum Hydrocarbons C6-C12	100	39.0	39.0 J	UG/L	TR
M8015V/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Petroleum Hydrocarbons C6-C12	100	36.0	36.0 J	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Aluminum	30.0	13.0	13.0 J	UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Arsenic	1.0	0.49	0.49 J	UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Barium	10.0	39.0	39.0	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Calcium	100	66000	66000	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Cobalt	0.50	0.11	0.11 J	UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Copper	2.0	0.83	0.83 J	UG/L	TR
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Iron	50.0	440	440	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Potassium	100	2500	2500	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Magnesium	100	27000	27000	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Manganese	5.0	77.0	77.0	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Sodium	100	35000	35000	UG/L	
SW6020/NONE	WG	070-0056-0001-SOURCE WATER	240-18735-3	N	Zinc	5.0	18.0	18.0	UG/L	
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Barium	10.0	0.13	0.13 J	UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Calcium	100	59.0	59.0 J	UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Copper	2.0	0.60	0.60 J	UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Magnesium	100	29.0	29.0 J	UG/L	TR
SW6020/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Sodium	100	1600	1600	UG/L	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Acetone	10.0	2.1	2.1 J	UG/L	TR
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Bromodichloromethane	1.0	3.6	3.6	UG/L	
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Toluene	1.0	0.15	0.15 J	UG/L	TR
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Dibromochloromethane	1.0	1.3	1.3	UG/L	
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	2-Butanone (MEK)	10.0	1.2	1.2 J	UG/L	TR
SW8260B/NONE	WG	070-0057-0001-SOURCE WATER	240-18735-4	N	Chloroform	1.0	5.3	5.3	UG/L	

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Rejected Results**

**--No Records Found--**

## AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater

### Anomalies Count

SDG Name: J18735\_SourceWater

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
M8015D/SW3520C/NONE	2	4
SW6020/TOTAL/NONE	2	2
SW8081/SW3520C/NONE	2	10
SW8082/SW3520C/NONE	2	14
SW8151A/METHOD/NONE	2	22
SW8260B/SW5030B/NONE	2	2
SW8330B/METHOD/NONE	2	6

**Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Reporting Anomalies**

SDG Name: J18735\_SourceWater

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	070-0056-0001-SOURCE WATER	N	1	C10-C20 Diesel Range Organics	480 U	230	480	0.5	UG/L
M8015D/NONE	070-0056-0001-SOURCE WATER	N	1	C20-C34 Motor Oil Range Organics	480 U	230	480	0.5	UG/L
M8015D/NONE	070-0057-0001-SOURCE WATER	N	1	C10-C20 Diesel Range Organics	480 U	230	480	0.5	UG/L
M8015D/NONE	070-0057-0001-SOURCE WATER	N	1	C20-C34 Motor Oil Range Organics	480 U	230	480	0.5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	070-0056-0001-SOURCE WATER	N	1	Cadmium	1 U	0.13	1	0.5	UG/L
SW6020/NONE	070-0057-0001-SOURCE WATER	N	1	Cadmium	1 U	0.13	1	0.5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	070-0056-0001-SOURCE WATER	N	1	Aldrin	0.048 U	0.0078	0.048	0.03	UG/L
SW8081/NONE	070-0056-0001-SOURCE WATER	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.048 U	0.0067	0.048	0.03	UG/L
SW8081/NONE	070-0056-0001-SOURCE WATER	N	1	Dieldrin	0.048 U	0.0071	0.048	0.03	UG/L
SW8081/NONE	070-0056-0001-SOURCE WATER	N	1	Heptachlor	0.048 U	0.0076	0.048	0.03	UG/L
SW8081/NONE	070-0056-0001-SOURCE WATER	N	1	Heptachlor Epoxide	0.048 U	0.0068	0.048	0.03	UG/L
SW8081/NONE	070-0057-0001-SOURCE WATER	N	1	Aldrin	0.048 U	0.0078	0.048	0.03	UG/L
SW8081/NONE	070-0057-0001-SOURCE WATER	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.048 U	0.0067	0.048	0.03	UG/L
SW8081/NONE	070-0057-0001-SOURCE WATER	N	1	Dieldrin	0.048 U	0.0071	0.048	0.03	UG/L
SW8081/NONE	070-0057-0001-SOURCE WATER	N	1	Heptachlor	0.048 U	0.0076	0.048	0.03	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Reporting Anomalies**

SDG Name: J18735\_SourceWater

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	070-0057-0001-SOURCE WATER	N	1	Heptachlor Epoxide	0.048 U	0.0068	0.048	0.03	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.12	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.095	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	070-0056-0001-SOURCE WATER	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.12	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.095	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	070-0057-0001-SOURCE WATER	N	1	PCB-1260 (Arochlor 1260)	0.48 U	0.16	0.48	0.2	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	2,4 DB	4 U	0.69	4	0	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Reporting Anomalies**

SDG Name: J18735\_SourceWater

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	2,4,5-T (Trichlorophenoxyacetic Acid)	1 U	0.3	1	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	2,4-D (Dichlorophenoxyacetic Acid)	4 U	0.41	4	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Dalapon	2 U	0.17	2	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Dicamba	2 U	0.52	2	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Dichloroprop	4 U	0.86	4	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Dinoseb	0.6 U	0.087	0.6	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	MCPA	400 U	390	400	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	MCPP	400 U	400	400	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Pentachlorophenol	0.1 U	0.024	0.1	0	UG/L
SW8151A/NONE	070-0056-0001-SOURCE WATER	N	1	Silvex (2,4,5-TP)	1 U	0.2	1	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	2,4 DB	4 U	0.69	4	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	2,4,5-T (Trichlorophenoxyacetic Acid)	1 U	0.3	1	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	2,4-D (Dichlorophenoxyacetic Acid)	4 U	0.41	4	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Dalapon	2 U	0.17	2	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Dicamba	2 U	0.52	2	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Dichloroprop	4 U	0.86	4	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Dinoseb	0.6 U	0.087	0.6	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	MCPA	400 U	390	400	0	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Reporting Anomalies**

SDG Name: J18735\_SourceWater

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	MCPP	400 U	400	400	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Pentachlorophenol	0.1 U	0.024	0.1	0	UG/L
SW8151A/NONE	070-0057-0001-SOURCE WATER	N	1	Silvex (2,4,5-TP)	1 U	0.2	1	0	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	070-0056-0001-SOURCE WATER	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	070-0057-0001-SOURCE WATER	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	070-0056-0001-SOURCE WATER	N	1	2-Nitrotoluene	0.5 U	0.088	0.5	0.2	UG/L
SW8330B/NONE	070-0056-0001-SOURCE WATER	N	1	3-Nitrotoluene	0.5 U	0.057	0.5	0.2	UG/L
SW8330B/NONE	070-0056-0001-SOURCE WATER	N	1	4-Nitrotoluene	0.5 U	0.088	0.5	0.2	UG/L
SW8330B/NONE	070-0057-0001-SOURCE WATER	N	1	2-Nitrotoluene	0.49 U	0.087	0.49	0.2	UG/L
SW8330B/NONE	070-0057-0001-SOURCE WATER	N	1	3-Nitrotoluene	0.49 U	0.056	0.49	0.2	UG/L
SW8330B/NONE	070-0057-0001-SOURCE WATER	N	1	4-Nitrotoluene	0.49 U	0.087	0.49	0.2	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for J18735\_SourceWater**

**Worksheet**

SDG Name: J18735\_SourceWater

**WORKSHEET 9**

**Automated Data Review Summary for 240-21987-1  
Source Water**

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**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Facility:** Ravenna Army Ammunition Plant

**Event:** Spring 2013 RI/SI Sampling Event

**Guidance Document:** Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

**Contract Laboratory:** TestAmerica, Inc., North Canton, OH

**Field Contractor:** Environmental Chemical Corporation, Cincinnati, OH

**Data Review Contractor:** ECC

**SDG:** 240-21987-1\_79\_SourceWater\_TB\_1, Certified - 6/10/2013 by frederickroche

**QC Level:** ADR

**Project Manager:** Al Easterday

**Data Reviewer:** Samir A. Naguib

**Data Reviewer Title:** Sr. QA Chemist

**Date of Review Report:** June 11, 2013

**Samples Included in SDG 240-21987-1\_79\_SourceWater\_TB\_1**

<b>Analytical Method/ Leach Method</b>	<b>Normal Water Samples</b>	<b>Field QC Water Samples</b>
E353.2/NONE	1	0
M8015D/NONE	1	0
M8015V/NONE	2	0
SW6020/NONE	1	0
SW7196A/NONE	1	0
SW7470A/NONE	1	0
SW8081/NONE	1	0

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

<b>Analytical Method/ Leach Method</b>	<b>Normal Water Samples</b>	<b>Field QC Water Samples</b>
SW8082/NONE	1	0
SW8151/NONE	1	0
SW8260B/NONE	2	0
SW8270C/NONE	1	0
SW8330B/NONE	1	0

## AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Cincinnati, OH; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-21987-1\_79\_SourceWater\_TB\_1. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- LCS Recovery
- LCS RPD
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

Field Blank

Field Duplicate RPD

Initial Calibration Verification

Lab Replicate RPD

Material Blank

Trip Blank

## AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

**Batch** – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

**QC Outlier** – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

**Qualified Results** – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

**Rejected Results** – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

**Field Duplicates** – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

**Data Submission Warnings** – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 23 results (10.31%) out of the 223 results (sample and field QC samples) reported are qualified based on review and 0 results (0.00%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

### Narrative Comments

Analytical Method	Comment
E353.2	
M8015D	



**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

M8015V	
SW6020	
SW7470A	
SW8081	
SW8260B	
SW8270C	
SW8330B	
SW7196A	
SW8082	
SW8151	

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Reviewed by Samir A. Naguib, Sr. QA Chemist

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11-Jun-2013

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Reason and Comment Code Definitions**

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

## AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1

### Reason and Comment Code Definitions

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

## AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Batch Report**

<b>Test Method: E353.2; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
13190	12938	NA	LABQC	WQ	LABQC	MB 320-12877/1-B		1/1	25-Mar-2013 8:23 AM	25-Mar-2013 8:23 AM	25-Mar-2013 12:47 PM	LB
	12938	NA	LABQC	WQ	LABQC	LCS 320-12877/2-B		1/1	25-Mar-2013 8:23 AM	25-Mar-2013 8:23 AM	25-Mar-2013 12:49 PM	BS
	12938	NA	79-841-DU1-SB	WG	079-0007-0001- SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	25-Mar-2013 8:23 AM	25-Mar-2013 12:51 PM	N
	12938	NA	79-LL3-DU1-SB1	WG	079-0007-0001- SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	25-Mar-2013 8:23 AM	25-Mar-2013 12:53 PM	MS
	12938	NA	79-LL3-DU1-SB1	WG	079-0007-0001- SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	25-Mar-2013 8:23 AM	25-Mar-2013 12:55 PM	SD

<b>Test Method: M8015D; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
78992	78624	NA	79-LL3-DU1-SB1	WG	079-0007-0001- SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	18-Mar-2013 10:31 AM	21-Mar-2013 5:45 PM	N

<b>Test Method: M8015V; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
79100	79100	NA	LABQC	WQ	LABQC	MB 240-79100/38		1/1	23-Mar-2013 8:14 AM	23-Mar-2013 8:14 AM	23-Mar-2013 8:14 AM	LB
	79100	NA	LABQC	WQ	LABQC	LCS 240-79100/39		1/1	23-Mar-2013 8:51 AM	23-Mar-2013 8:51 AM	23-Mar-2013 8:51 AM	BS
	79100	NA	79-841-DU1-SB	WG	079-0007-0001- SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	23-Mar-2013 9:27 AM	23-Mar-2013 9:27 AM	N
	79100	NA	79-LL3-DU1-SB1	WG	079-0007-0001- SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	23-Mar-2013 10:03 AM	23-Mar-2013 10:03 AM	MS
	79100	NA	79-LL3-DU1-SB1	WG	079-0007-0001- SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	23-Mar-2013 10:40 AM	23-Mar-2013 10:40 AM	SD
	79100	NA	79-LL3-DU1-SB3	WG	079-0009-0001-TB TRIP BLANK	240-21987-3		1/1	14-Mar-2013 8:00 AM	23-Mar-2013 11:16 AM	23-Mar-2013 11:16 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Batch Report**

<b>Test Method: SW6020; Leach Method: NONE</b>												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
68058	66565	NA	LABQC	WQ	LABQC	MB 180-66565/1-A		1/1	18-Mar-2013 1:02 PM	18-Mar-2013 1:02 PM	01-Apr-2013 3:24 PM	LB
	66565	NA	LABQC	WQ	LABQC	LCS 180-66565/2-A		1/1	18-Mar-2013 1:02 PM	18-Mar-2013 1:02 PM	01-Apr-2013 3:29 PM	BS
	66565	NA	LABQC	WQ	LABQC	LCSD 180-66565/3-A		1/1	18-Mar-2013 1:02 PM	18-Mar-2013 1:02 PM	01-Apr-2013 3:34 PM	BD
	66565	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	18-Mar-2013 1:02 PM	01-Apr-2013 3:42 PM	N

<b>Test Method: SW7196A; Leach Method: NONE</b>												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
78405	78405	NA	LABQC	WQ	LABQC	MB 240-78405/8		1/1	14-Mar-2013 5:42 PM	14-Mar-2013 5:42 PM	14-Mar-2013 5:42 PM	LB
	78405	NA	LABQC	WQ	LABQC	LCS 240-78405/9		1/1	14-Mar-2013 5:43 PM	14-Mar-2013 5:43 PM	14-Mar-2013 5:43 PM	BS
	78405	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	14-Mar-2013 5:44 PM	14-Mar-2013 5:44 PM	N
	78405	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	14-Mar-2013 5:46 PM	14-Mar-2013 5:46 PM	MS
	78405	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	14-Mar-2013 5:47 PM	14-Mar-2013 5:47 PM	SD

<b>Test Method: SW7470A; Leach Method: NONE</b>												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
78674	78432	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	15-Mar-2013 12:45 PM	18-Mar-2013 5:49 PM	N

<b>Test Method: SW8081; Leach Method: NONE</b>												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79056	78726	NA	LABQC	WQ	LABQC	LCS 240-78726/3-A		1/1	19-Mar-2013 9:10 AM	19-Mar-2013 9:10 AM	21-Mar-2013 5:16 PM	BS
	78726	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	19-Mar-2013 9:10 AM	21-Mar-2013 5:36 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Batch Report**

Test Method: SW8081; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79056	78726	NA	LABQC	WQ	LABQC	MB 240-78726/2-A		1/1	19-Mar-2013 9:10 AM	19-Mar-2013 9:10 AM	21-Mar-2013 5:56 PM	LB

Test Method: SW8082; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79577	78721	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	19-Mar-2013 8:52 AM	27-Mar-2013 10:07 AM	N
	78721	NA	LABQC	WQ	LABQC	MB 240-78721/17-A		1/1	19-Mar-2013 8:52 AM	19-Mar-2013 8:52 AM	27-Mar-2013 12:28 PM	LB
	78721	NA	LABQC	WQ	LABQC	LCS 240-78721/18-A		1/1	19-Mar-2013 8:52 AM	19-Mar-2013 8:52 AM	27-Mar-2013 2:59 PM	BS

Test Method: SW8151; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79197	78626	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	18-Mar-2013 10:35 AM	22-Mar-2013 8:57 PM	N
	78626	NA	LABQC	WQ	LABQC	MB 240-78626/3-A		1/1	18-Mar-2013 10:35 AM	18-Mar-2013 10:35 AM	22-Mar-2013 9:21 PM	LB
	78626	NA	LABQC	WQ	LABQC	LCS 240-78626/4-A		1/1	18-Mar-2013 10:35 AM	18-Mar-2013 10:35 AM	22-Mar-2013 9:44 PM	BS

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79725	79725	NA	LABQC	WQ	LABQC	LCS 240-79725/4		1/1	28-Mar-2013 10:02 AM	28-Mar-2013 10:02 AM	28-Mar-2013 10:02 AM	BS
	79725	NA	LABQC	WQ	LABQC	MB 240-79725/6		1/1	28-Mar-2013 10:55 AM	28-Mar-2013 10:55 AM	28-Mar-2013 10:55 AM	LB
	79725	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	28-Mar-2013 11:21 AM	28-Mar-2013 11:21 AM	N
	79725	NA	79-LL3-DU1-SB2	WG	079-0008-0001-TB TRIP BLANK	240-21987-2		1/1	28-Mar-2013 8:00 AM	28-Mar-2013 11:47 AM	28-Mar-2013 11:47 AM	N
	79725	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	28-Mar-2013 1:33 PM	28-Mar-2013 1:33 PM	MS

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Batch Report**

**Test Method: SW8260B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79725	79725	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	28-Mar-2013 1:59 PM	28-Mar-2013 1:59 PM	SD

**Test Method: SW8270C; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
79745	78456	NA	LABQC	WQ	LABQC	MB 240-78456/17-A		1/1	15-Mar-2013 8:45 AM	15-Mar-2013 8:45 AM	28-Mar-2013 12:06 PM	LB
	78456	NA	LABQC	WQ	LABQC	LCS 240-78456/18-A		1/1	15-Mar-2013 8:45 AM	15-Mar-2013 8:45 AM	28-Mar-2013 12:29 PM	BS
	78456	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 AM	15-Mar-2013 8:45 AM	28-Mar-2013 12:53 PM	N

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
12703	12565	NA	LABQC	WQ	LABQC	MB 320-12565/1-A		1/1	19-Mar-2013 1:52 PM	19-Mar-2013 1:52 PM	21-Mar-2013 12:51 PM	LB
	12565	NA	LABQC	WQ	LABQC	LCS 320-12565/2-A		1/1	19-Mar-2013 1:52 PM	19-Mar-2013 1:52 PM	21-Mar-2013 1:31 PM	BS
	12565	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		2/1	14-Mar-2013 12:00 AM	19-Mar-2013 1:52 PM	21-Mar-2013 2:11 PM	N
12714	12568	NA	LABQC	WQ	LABQC	MB 320-12568/1-A		1/1	19-Mar-2013 2:18 PM	19-Mar-2013 2:18 PM	21-Mar-2013 1:01 PM	LB
	12568	NA	LABQC	WQ	LABQC	LCS 320-12568/2-A		1/1	19-Mar-2013 2:18 PM	19-Mar-2013 2:18 PM	21-Mar-2013 1:16 PM	BS
	12568	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	19-Mar-2013 2:18 PM	21-Mar-2013 1:45 PM	MS
	12568	NA	79-LL3-DU1-SB1	WG	079-0007-0001-SOURCEWATER	240-21987-1		1/1	14-Mar-2013 12:00 PM	19-Mar-2013 2:18 PM	21-Mar-2013 2:00 PM	SD
12878	12568	NA	LABQC	WQ	LABQC	MB 320-12568/1-A		2/1	19-Mar-2013 2:18 PM	19-Mar-2013 2:18 PM	22-Mar-2013 3:32 PM	LB
	12568	NA	79-841-DU1-SB	WG	079-0007-0001-SOURCEWATER	240-21987-1		3/1	14-Mar-2013 12:00 AM	19-Mar-2013 2:18 PM	22-Mar-2013 3:53 PM	N



**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Field Batch Report**

**--No Records Found--**

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
M8015V / SW5030B/NONE	Blank	MB 240-79100/38 (LB) / MB 240-79100/38	1 / 1.00	Petroleum Hydrocarbons C6- C12	57.2 (UG/L)	U/None	< 25	< 100	L		1	57.2
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Aluminum	4.6 (UG/L)	U/None	< 2.6	< 30	L		1	4.59
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Barium	0.18 (UG/L)	U/None	< 0.098	< 10	L		1	0.181
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Copper	0.32 (UG/L)	U/None	< 0.24	< 2	L		1	0.315
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Lead	0.24 (UG/L)	U/None	< 0.15	< 1	L		1	0.236
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Manganese	0.31 (UG/L)	U/None	< 0.16	< 5	L		1	0.314
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Potassium	40.6 (UG/L)	U/None	< 32	< 100	L		1	40.6
SW6020 / TOTAL/NONE	Blank	MB 180-66565/1-A (LB) / MB 180-66565/1-A	1 / 1.00	Sodium	67.4 (UG/L)	U/None	< 27	< 100	L		1	67.4
SW8151 / METHOD/NONE	LCS Recovery	LCS 240-78626/4-A (BS) / LCS 240-78626/4-A	1 / 1.00	2,4,5-T (Trichlorophenoxyacetic Acid)	111 (PERCENT)	J/U	35 - 110	35 - 110	C			
SW8151 / METHOD/NONE	LCS Recovery	LCS 240-78626/4-A (BS) / LCS 240-78626/4-A	1 / 1.00	Dichloroprop	126 (PERCENT)	J/U	70 - 120	70 - 120	C			
SW8260B / SW5030B/NONE	Blank	MB 240-79725/6 (LB) / MB 240-79725/6	1 / 1.00	Methylene Chloride	0.34 (UG/L)	U/None	< 0.33	< 1	L		2	0.688
SW8260B / SW5030B	Test Hold Time	079-0008-0001-TB TRI (N) / 240-21987-2	1 / 1.00	All in Run	14.2 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
SW8270C / SW3510/NONE	Blank	MB 240-78456/17-A (LB) / MB 240-78456/17-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	0.86 (UG/L)	U/None	< 0.8	< 2	L		5	4.28
SW8270C / SW3510/NONE	LCS Recovery	LCS 240-78456/18-A (BS) / LCS 240-78456/18-A	1 / 1.00	Cresols, m & p	67.0 (PERCENT)	J/UJ	70 - 130	70 - 130	C			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Petroleum Hydrocarbons C6-C12	100	74.0	100 U	+	UG/L	L
M8015V/NONE	WG	079-0009-0001-TB TRIP BLANK	240-21987-3	N	Petroleum Hydrocarbons C6-C12	100	81.0	100 U	+	UG/L	L
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Arsenic	1.0	0.48	0.48 J		UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Chromium	2.0	1.3	1.3 J		UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Cobalt	0.50	0.054	0.054 J		UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Copper	2.0	1.4	2.0 U	+	UG/L	L/B2
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Thallium	1.0	0.11	0.11 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Methoxychlor	0.10	0.10	0.10 UJ		UG/L	V2
SW8081/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Toxaphene	2.0	2.0	2.0 UJ		UG/L	V1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Dalapon	2.0	0.55	2.0 U		UG/L	P1/Y1
SW8151/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	MCPA	400	400	400 UJ		UG/L	J
SW8151/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	MCPP	400	400	400 UJ		UG/L	J
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Carbon Tetrachloride	1.0	1.0	1.0 UJ		UG/L	V2
SW8260B/NONE	WG	079-0008-0001-TB TRIP BLANK	240-21987-2	N	Carbon Tetrachloride	1.0	1.0	1.0 UJ		UG/L	V2
SW8260B/NONE	WG	079-0008-0001-TB TRIP BLANK	240-21987-2	N	Chloroform	1.0	0.31	0.31 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	2,4-Dimethylphenol	2.0	2.0	2.0 UJ		UG/L	V1

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	2,4-Dinitrophenol	5.1	5.1	5.1 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	2-Chlorophenol	1.0	1.0	1.0 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	2-Methylphenol (o-Cresol)	1.0	1.0	1.0 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	2-Nitrophenol	2.0	2.0	2.0 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	3,3'-Dichlorobenzidine	5.1	5.1	5.1 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	4,6-Dinitro-2-Methylphenol	5.1	5.1	5.1 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	4-Nitroaniline	2.0	2.0	2.0 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	4-Nitrophenol	5.1	5.1	5.1 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	bis(2-Ethylhexyl) Phthalate	2.0	0.91	2.0 U	+	UG/L	L
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	n-Nitrosodiphenylamine	1.0	1.0	1.0 UJ		UG/L	J
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Pentachlorophenol	5.1	5.1	5.1 UJ		UG/L	V1
SW8270C/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Phenol	1.0	1.0	1.0 UJ		UG/L	V1

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Arsenic	1.0	0.48	0.48 J	UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Barium	10.0	41.0	41.0	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Calcium	100	65000	65000	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Cobalt	0.50	0.054	0.054 J	UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Chromium	2.0	1.3	1.3 J	UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Iron	50.0	590	590	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Potassium	100	2500	2500	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Magnesium	100	27000	27000	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Manganese	5.0	94.0	94.0	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Sodium	100	37000	37000	UG/L	
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Thallium	1.0	0.11	0.11 J	UG/L	TR
SW6020/NONE	WG	079-0007-0001-SOURCEWATER	240-21987-1	N	Zinc	5.0	5.1	5.1	UG/L	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	079-0008-0001-TB TRIP BLANK	240-21987-2	N	Chloroform	1.0	0.31	0.31 J	UG/L	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Rejected Results**

**--No Records Found--**

## AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1

### Anomalies Count

SDG Name: 240-21987-1\_79\_SourceWater\_TB\_1

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
M8015D/SW3520C/NONE	1	2
SW6020/TOTAL/NONE	1	1
SW8081/SW3520C/NONE	1	5
SW8082/SW3520C/NONE	1	7
SW8260B/SW5030B/NONE	2	2
SW8270C/SW3510/NONE	1	4
SW8330B/METHOD/NONE	1	3

**Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Reporting Anomalies**

SDG Name: 240-21987-1\_79\_SourceWater\_TB\_1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	079-0007-0001-SOURCEWATER	N	1	C10-C20 Diesel Range Organics	490 U	230	490	0.5	UG/L
M8015D/NONE	079-0007-0001-SOURCEWATER	N	1	C20-C34 Motor Oil Range Organics	490 U	230	490	0.5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	079-0007-0001-SOURCEWATER	N	1	Cadmium	1 U	0.13	1	0.5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	079-0007-0001-SOURCEWATER	N	1	Aldrin	0.05 U	0.0082	0.05	0.03	UG/L
SW8081/NONE	079-0007-0001-SOURCEWATER	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.05 U	0.007	0.05	0.03	UG/L
SW8081/NONE	079-0007-0001-SOURCEWATER	N	1	Dieldrin	0.05 U	0.0075	0.05	0.03	UG/L
SW8081/NONE	079-0007-0001-SOURCEWATER	N	1	Heptachlor	0.05 U	0.008	0.05	0.03	UG/L
SW8081/NONE	079-0007-0001-SOURCEWATER	N	1	Heptachlor Epoxide	0.05 U	0.0071	0.05	0.03	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1016 (Arochlor 1016)	0.5 U	0.17	0.5	0.2	UG/L
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1221 (Arochlor 1221)	0.5 U	0.13	0.5	0.2	UG/L
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1232 (Arochlor 1232)	0.5 U	0.16	0.5	0.2	UG/L
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1242 (Arochlor 1242)	0.5 U	0.22	0.5	0.2	UG/L
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1248 (Arochlor 1248)	0.5 U	0.1	0.5	0.2	UG/L
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1254 (Arochlor 1254)	0.5 U	0.16	0.5	0.2	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Reporting Anomalies**

SDG Name: 240-21987-1\_79\_SourceWater\_TB\_1

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	079-0007-0001-SOURCEWATER	N	1	PCB-1260 (Arochlor 1260)	0.5 U	0.17	0.5	0.2	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	079-0007-0001-SOURCEWATER	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	079-0008-0001-TB TRIP BLANK	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	079-0007-0001-SOURCEWATER	N	1	2,4,5-Trichlorophenol	5.1 U	0.3	5.1	5	UG/L
SW8270C/NONE	079-0007-0001-SOURCEWATER	N	1	2,4,6-Trichlorophenol	5.1 U	0.81	5.1	5	UG/L
SW8270C/NONE	079-0007-0001-SOURCEWATER	N	1	3,3'-Dichlorobenzidine	5.1 UJ	0.37	5.1	5	UG/L
SW8270C/NONE	079-0007-0001-SOURCEWATER	N	1	Pentachlorophenol	5.1 UJ	2.4	5.1	5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	079-0007-0001-SOURCEWATER	N	1	2-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L
SW8330B/NONE	079-0007-0001-SOURCEWATER	N	1	3-Nitrotoluene	0.51 U	0.058	0.51	0.2	UG/L
SW8330B/NONE	079-0007-0001-SOURCEWATER	N	1	4-Nitrotoluene	0.51 U	0.09	0.51	0.2	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Worksheet**

SDG Name: 240-21987-1\_79\_SourceWater\_TB\_1

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a duplicate sample prepared and analyzed with each batch?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** M8015D

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)		•		LCS was extracted with preparation batch.
Were the LCS recoveries within QAPP acceptance limits?		•		
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** M8015V

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			MB 240-79100/38: C6-C12 was detected above the MDL but below RL.
Was a field blank (equipment or trip) collected and analyzed?	•			
Were target analytes reported in the field blank analyses above the MDL?		•		
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was analyzed with each analytical batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			CCB1: Cu, K, and Na were detected above MDL but below RL. 2. MB 180-66565/1-A: Al, Ba, Cu, Mn, Na, Pb, and K were detected above MDL but below RL.
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	•			
Was the ICS recovery within QAPP acceptance limits?	•			
If a field duplicate was analyzed, were the RPDs within criteria?	•			
Was a LCS prepared and analyzed with each batch?	•			LCS and LCSD were digested in the preparation batch : 66565.
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD within QAPP acceptance limits?			•	
Was a serial dilution prepared and analyzed with each batch?	•			
Was the serial dilution within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method: SW7196A**

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**Method: SW7470A**

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** SW7470A

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•	•		
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**Method:** SW8081

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			



**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** SW8081

Review Questions	Yes	No	NA	Comment
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?		•		Toxaphene %D=38.9%.
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			CCV 240-7956/14: Methoxychlor %D=20.2%
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?			•	All Pesticides compounds in the samples were reported as non-detects.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** SW8082

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			15%
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			15%
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?			•	All PCBs were reported as non-detect.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** SW8082

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

**Method:** SW8151

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?		•		LCS 240-78626/4-A: Dichlorprop and 2,4,5-T were recovered above the QC limits. No qualifications were required due to these compounds were not detected in the native sample.
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** SW8151

Review Questions	Yes	No	NA	Comment
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?		•		240-21987-1: Dalapon RPD was 56%. False Positive.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

**Method:** SW8260B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?				
Was the CCV a mid-level standard from the initial calibration curve?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** SW8260B

Review Questions	Yes	No	NA	Comment
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?				
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?		•		CCV 240-79725/2: Carbon tetrachloride: %D= 24.4.
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			MB 240-79725/6: Methylene chloride was detected above the MDL but below the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•			
Were target analytes reported in the field blank analyses above the MDL?	•			079-0008-0001-TB (Trip Blank): Chloroform was detected above the MDL but below the RL.
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was analyzed with each analytical batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?			•	
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** SW8270C

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?		•		ICV 240-79445/12: %Ds for several compounds were >20%. All non-detects compounds were qualified (UJ).
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			MB 240-78456/17-A: Bis (2-ethylhexyl) phthalate was detected above the MDL but below the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?			•	

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

<b>Method: SW8270C</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were target analytes reported in the field blank analyses above the MDL?			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was extracted with each preparation batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?			•	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?				
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			
<b>Method: SW8330B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-21987-1\_79\_SourceWater\_TB\_1**

**Method:** SW8330B

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?			•	
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			MS and MSD were performed on Nitroguanidine only.
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?		•		240-21987-1: Nitroguanidine was not confirmed on the column Hyrdo RP80A.
Did PDA spectra for reported compounds match associated standard spectra?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			



**WORKSHEET 10**

**Automated Data Review Summary for 240-22804-1  
Equipment Rinsate Blank**

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**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Facility:** Ravenna Army Ammunition Plant

**Event:** Spring 2013 RI/SI Sampling Event

**Guidance Document:** Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

**Contract Laboratory:** TestAmerica, Inc., North Canton, OH

**Field Contractor:** Environmental Chemical Corporation, Otis Ang Base, MA

**Data Review Contractor:** ECC

**SDG:** 240-22804-1\_74,79,SB,RN, Certified - 6/13/2013 by frederickroche

**QC Level:** ADR

**Project Manager:** AL Easterday

**Data Reviewer:** Samir A. Naguib

**Data Reviewer Title:** Sr. QA Chemist

**Date of Review Report:** June 20, 2013

**Samples Included in SDG 240-22804-1\_74,79,SB,RN**

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	1	1	0	0
M8015D/NONE	9	1	0	0
SW6020/NONE	1	1	0	0
SW7470A/NONE		1		0
SW7471A/NONE	1		0	
SW8081/NONE	1	1	0	0
SW8082/NONE	1	1	0	0

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

<b>Analytical Method/ Leach Method</b>	<b>Normal Soil Samples</b>	<b>Normal Water Samples</b>	<b>Field QC Soil Samples</b>	<b>Field QC Water Samples</b>
SW8260B/NONE	1	2	0	0
SW8270C/NONE	9	1	0	0
SW8330B/NONE	1	1	0	0

## AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN

This report assesses the analytical data quality associated with the analyses listed on the preceding cover page. This assessment has been made through a combination of automated data review (ADR) and supplemental manual review, the details of which are described below. The approach taken in the review of this data set is consistent with the requirements contained in the Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012 to the extent possible. Where definitive guidance is not provided, data has been evaluated in a conservative manner using professional judgment. In cases where two qualifiers are listed as an action, such as 'J/UJ', the first qualifier applies to positive results, and the second to non-detect results.

Samples were collected by Environmental Chemical Corporation, Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-22804-1\_74,79,SB,RN. Results have been evaluated electronically using electronic data deliverables (EDDs) provided by the laboratory. The laboratory data summary forms (hard copy) have been reviewed during this effort and compared to the automated review output. Findings based on the automated data submission and manual data verification processes are detailed in the ADR narrative.

The following quality control elements were supported by the electronic deliverable and were evaluated during this review effort:

- Blank
- Blank - Negative
- LCS Recovery
- MS Recovery
- MS RPD
- Prep Hold Time
- Surrogate
- Test Hold Time

The following quality control elements were either not applicable to the deliverable, or were not supported by the electronic deliverable, and were therefore not included in the automated data review. Those elements required for the project were reviewed manually, as narrated in the Comment section below.

- Ambient Blank
- Calibration Blank
- Calibration Blank - Negative
- Continuing Calibration Verification
- Equipment Blank
- Field Blank

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

Field Duplicate RPD

Initial Calibration Verification

Lab Replicate RPD

LCS RPD

Material Blank

Trip Blank

## AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN

A representative sampling or ten percent of sample and QC results were manually evaluated for compliance with project specific requirements and consistency with hard copy results. The following summaries were generated during the evaluation of this data set and are included in this report as applicable.

**Batch** – The analytical batch report is reviewed for completeness and compliance with project specific requirements. Incomplete or non-compliant run sequences are identified and their impact on data quality are discussed in the narrative.

**QC Outlier** – Results exceeding the evaluation criteria are reviewed for compliance with project requirements and a minimum of ten percent of the non-compliant QC values reported electronically are verified for consistency with hard-copy values.

**Qualified Results** – Qualified results are evaluated for compliance with project requirements and ten percent of qualified results are verified for consistency with the QC Outliers.

**Rejected Results** – All rejected results are evaluated for compliance with project requirements. The reason for rejection of the data is verified against hard copy data.

**Field Duplicates** – Field duplicate comparison results are evaluated for compliance with project requirements and ten percent of values reported are verified for consistency with the hard-copy data.

**Data Submission Warnings** – Warnings encountered during the data submission process are evaluated and their affect on data quality is discussed in the narrative below.

Analytical deficiencies, project non-compliance issues and inconsistencies with hard copy results observed during ADR evaluation process and their impact on data quality are summarized in the narrative below.

A total of 182 results (19.68%) out of the 925 results (sample and field QC samples) reported are qualified based on review and 10 results (1.08%) have been rejected. Trace values are not counted as qualified results in the above count. The qualified results are detailed in the following tables and discussed in the narrative below, where appropriate.

### Narrative Comments

Analytical Method	Comment
E353.2	
M8015D	

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

SW6020	
SW7470A	
SW7471A	
SW8081	
SW8260B	
SW8270C	
SW8330B	
SW8082	

20-Jun-2013

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Reviewed by Samir A. Naguib, Sr. QA Chemist



**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Reason and Comment Code Definitions**

Reasons	
Code	Definition
A	Serial dilution
A1	Ambient Blank
B	The analyte was found in an associated blank as well as in the sample.
B2	CCB
B3	CCB - Neg
c	LCS - low
C	LCS Recovery
d	Field Duplicate RPD
D	MS RPD
D1	Lab Replicate RPD
D2	No precision available
F	Field Blank
F1	Hydrocarbon pattern does not match standard
G1	Initial Calibration RRF
G2	Initial Calibration RSD
h	Holding time exceeded by less than 2X.
H	Holding time exceeded by more than 2X.
H1	Test Hold Time
H2	Prep Hold Time
I	Surrogate recovery outside project limits.
J	CRA/CRI Recovery
K	An analyte (non-common laboratory artifact) was detected in the sample at a concentration less than 5X the concentration detected in the associated method blank.
L	Lab Blank
L1	Lab Blank - Neg
m	MS - low
M	MS Recovery
N	Blank - No Action

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Reason and Comment Code Definitions**

O	ICS
P	Sample preservation/collection requirement not met.
P1	Column RPD
P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
Q	Encore sample holding time exceeded by more than 2X.
Q1	Material Blank
R	Exceeds LinearCalibration Range
S	Internal standard
T	Trip Blank
TI	Tentatively Identified Compound
TR	Trace Level Detect
U	Receipt Temperature
V	Equipment Blank
V1	ICV
V2	CCV
V3	CCV RRF
V4	Sample Receipt Condition
W	Column breakdown (pesticides)
X	Raised reporting limit
Y	Cooler temperature greater than 10 degreeec C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column
Z3	High percent moisture in sample.

## AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN

Flag Code and Definitions	
Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.
UJ	The analyte was not detected; however, the result is estimated due to discrepancies in meeting certain analyte-specific quality control criteria.
J	Estimated: The analyte was positively identified, the quantitation is an estimation due to discrepancies in meeting certain analyte-specific quality control criteria.
R	The data are rejected due to deficiencies in meeting QC criteria and may not be used for decision making.
N	The analysis indicates the presence of an analyte for which there is presumptive evidence to make a "tentative identification".
NJ	The analysis indicates the presence of an analyte that has been "tentatively identified" and the associated numerical value represents its approximate concentration.

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Batch Report**

<b>Test Method: E353.2; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
14024	13964	NA	LABQC	WQ	LABQC	MB 320-13864/1-B		1/1	10-Apr-2013 7:54 AM	10-Apr-2013 7:54 AM	10-Apr-2013 12:00 PM	LB
	13964	NA	LABQC	WQ	LABQC	LCS 320-13864/2-B		1/1	10-Apr-2013 7:54 AM	10-Apr-2013 7:54 AM	10-Apr-2013 12:02 PM	BS
	13964	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	10-Apr-2013 7:54 AM	10-Apr-2013 12:12 PM	N
14914	14752	NA	LABQC	SQ	LABQC	MB 320-14670/1-B		1/1	22-Apr-2013 6:13 AM	22-Apr-2013 6:13 AM	23-Apr-2013 12:45 PM	LB
	14752	NA	LABQC	SQ	LABQC	LCS 320-14670/2-B		1/1	22-Apr-2013 6:13 AM	22-Apr-2013 6:13 AM	23-Apr-2013 12:47 PM	BS
	14752	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	22-Apr-2013 6:13 AM	23-Apr-2013 1:23 PM	N

<b>Test Method: M8015D; Leach Method: NONE</b>												
<b>Analytical Batch</b>	<b>Prep Batch</b>	<b>Leach Batch</b>	<b>Location</b>	<b>Matrix</b>	<b>Field Sample ID</b>	<b>Lab Sample ID</b>	<b>Calibration Ref</b>	<b>Run#/ Dil'n</b>	<b>Collection Date/Time</b>	<b>Extract Date/Time</b>	<b>Analysis Date/Time</b>	<b>Sample Type</b>
81310	80861	NA	LABQC	WQ	LABQC	MB 240-80861/11-A		1/1	06-Apr-2013 10:03 AM	06-Apr-2013 10:03 AM	10-Apr-2013 4:43 PM	LB
	80861	NA	LABQC	WQ	LABQC	LCS 240-80861/12-A		1/1	06-Apr-2013 10:03 AM	06-Apr-2013 10:03 AM	10-Apr-2013 5:14 PM	BS
	80861	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	06-Apr-2013 10:03 AM	10-Apr-2013 5:45 PM	N
82537	82097	NA	LABQC	SQ	LABQC	MB 240-82097/23-A		1/1	16-Apr-2013 10:04 AM	16-Apr-2013 10:04 AM	18-Apr-2013 8:41 PM	LB
	82097	NA	LABQC	SQ	LABQC	LCS 240-82097/24-A		1/1	16-Apr-2013 10:04 AM	16-Apr-2013 10:04 AM	18-Apr-2013 9:13 PM	BS
	82097	NA	74-1034-HL-SB11	SO	074SB-0013-0001-SO	240-22804-2		1/1	02-Apr-2013 5:37 PM	16-Apr-2013 10:04 AM	19-Apr-2013 1:54 AM	N
	82097	NA	74-1034-HL-SB11	SO	074SB-0015-0001-SO	240-22804-3		1/1	03-Apr-2013 5:40 PM	16-Apr-2013 10:04 AM	19-Apr-2013 2:25 AM	N
	82097	NA	74-1034-HL-SB12	SO	074SB-0023-0001-SO	240-22804-6		1/1	02-Apr-2013 4:25 PM	16-Apr-2013 10:04 AM	19-Apr-2013 2:57 AM	N
	82097	NA	74-1034-HL-SB13	SO	074SB-0024-0001-SO	240-22804-7		1/1	02-Apr-2013 4:50 PM	16-Apr-2013 10:04 AM	19-Apr-2013 3:28 AM	N
	82097	NA	74-1034-HL-SB11	SO	074SB-0025-0001-SO	240-22804-8		1/1	02-Apr-2013 5:35 PM	16-Apr-2013 10:04 AM	19-Apr-2013 4:00 AM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Batch Report**

Test Method: M8015D; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82321	82109	NA	LABQC	SQ	LABQC	MB 240-82109/20-A		1/1	16-Apr-2013 10:36 AM	16-Apr-2013 10:36 AM	17-Apr-2013 7:25 PM	LB
	82109	NA	LABQC	SQ	LABQC	LCS 240-82109/21-A		1/1	16-Apr-2013 10:36 AM	16-Apr-2013 10:36 AM	17-Apr-2013 7:55 PM	BS
	82109	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	16-Apr-2013 10:36 AM	17-Apr-2013 9:26 PM	N
	82109	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	16-Apr-2013 10:36 AM	17-Apr-2013 9:57 PM	MS
	82109	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	16-Apr-2013 10:36 AM	17-Apr-2013 10:27 PM	SD
	82109	NA	74-1034-HL-SB10	SO	074SB-0012-0001-SO	240-22804-5		1/1	03-Apr-2013 12:31 PM	16-Apr-2013 10:36 AM	17-Apr-2013 10:57 PM	N
	82109	NA	74-1034-HL-SB8	SO	074SB-0026-0001-SO	240-22804-9		1/1	03-Apr-2013 11:34 AM	16-Apr-2013 10:36 AM	17-Apr-2013 11:28 PM	N
	82109	NA	74-1034-HL-SB14	SO	074SB-0027-0001-SO	240-22804-10		1/1	03-Apr-2013 12:05 PM	16-Apr-2013 10:36 AM	17-Apr-2013 11:58 PM	N

Test Method: SW6020; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
71214	69392	NA	LABQC	SQ	LABQC	MB 180-69392/1-A		1/1	17-Apr-2013 10:27 AM	17-Apr-2013 10:27 AM	07-May-2013 1:04 PM	LB
	69392	NA	LABQC	SQ	LABQC	LCS 180-69392/2-A		1/1	17-Apr-2013 10:27 AM	17-Apr-2013 10:27 AM	07-May-2013 1:13 PM	BS
	69392	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	17-Apr-2013 10:27 AM	07-May-2013 1:29 PM	N
	70060	NA	LABQC	WQ	LABQC	MB 180-70060/1-A		1/1	25-Apr-2013 9:51 AM	25-Apr-2013 9:51 AM	07-May-2013 2:43 PM	LB
	70060	NA	LABQC	WQ	LABQC	LCS 180-70060/2-A		1/1	25-Apr-2013 9:51 AM	25-Apr-2013 9:51 AM	07-May-2013 2:51 PM	BS
	70060	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	25-Apr-2013 9:51 AM	07-May-2013 2:59 PM	N
	70060	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	25-Apr-2013 9:51 AM	07-May-2013 3:15 PM	MS
	70060	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	25-Apr-2013 9:51 AM	07-May-2013 3:24 PM	SD

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Batch Report**

**Test Method: SW7470A; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81255	80775	NA	LABQC	WQ	LABQC	MB 240-80775/1-A		1/1	05-Apr-2013 3:45 PM	05-Apr-2013 3:45 PM	09-Apr-2013 10:48 AM	LB
	80775	NA	LABQC	WQ	LABQC	LCS 240-80775/2-A		1/1	05-Apr-2013 3:45 PM	05-Apr-2013 3:45 PM	09-Apr-2013 10:49 AM	BS
	80775	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	05-Apr-2013 3:45 PM	09-Apr-2013 1:15 PM	N

**Test Method: SW7471A; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82912	82367	NA	LABQC	SQ	LABQC	MB 240-82367/1-A		1/1	17-Apr-2013 2:55 PM	17-Apr-2013 2:55 PM	19-Apr-2013 10:04 AM	LB
	82367	NA	LABQC	SQ	LABQC	LCS 240-82367/2-A		1/1	17-Apr-2013 2:55 PM	17-Apr-2013 2:55 PM	19-Apr-2013 10:06 AM	BS
	82367	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	17-Apr-2013 2:55 PM	19-Apr-2013 10:27 AM	N

**Test Method: SW8081; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82129	80943	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	08-Apr-2013 9:24 AM	16-Apr-2013 7:20 PM	N
	80943	NA	LABQC	WQ	LABQC	MB 240-80943/2-A		1/1	08-Apr-2013 9:24 AM	08-Apr-2013 9:24 AM	16-Apr-2013 7:40 PM	LB
	80943	NA	LABQC	WQ	LABQC	LCS 240-80943/3-A		1/1	08-Apr-2013 9:24 AM	08-Apr-2013 9:24 AM	16-Apr-2013 8:00 PM	BS
82685	81726	NA	LABQC	SQ	LABQC	MB 240-81726/21-A		1/1	12-Apr-2013 11:07 AM	12-Apr-2013 11:07 AM	19-Apr-2013 3:17 PM	LB
	81726	NA	LABQC	SQ	LABQC	LCS 240-81726/22-A		1/1	12-Apr-2013 11:07 AM	12-Apr-2013 11:07 AM	19-Apr-2013 3:37 PM	BS
82857	81726	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	12-Apr-2013 11:07 AM	20-Apr-2013 11:25 PM	N
83400	83135	NA	LABQC	SQ	LABQC	MB 240-83135/18-A		1/1	23-Apr-2013 8:54 AM	23-Apr-2013 8:54 AM	24-Apr-2013 9:54 PM	LB
	83135	NA	LABQC	SQ	LABQC	LCS 240-83135/19-A		1/1	23-Apr-2013 8:54 AM	23-Apr-2013 8:54 AM	24-Apr-2013 10:14 PM	BS

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Batch Report**

**Test Method: SW8081; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
83482	83135	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		2/1	03-Apr-2013 11:40 AM	23-Apr-2013 8:54 AM	25-Apr-2013 10:57 AM	N

**Test Method: SW8082; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81995	80942	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	08-Apr-2013 9:21 AM	15-Apr-2013 4:20 PM	N
	80942	NA	LABQC	WQ	LABQC	MB 240-80942/6-A		1/1	08-Apr-2013 9:21 AM	08-Apr-2013 9:21 AM	15-Apr-2013 5:07 PM	LB
	80942	NA	LABQC	WQ	LABQC	LCS 240-80942/7-A		1/1	08-Apr-2013 9:21 AM	08-Apr-2013 9:21 AM	15-Apr-2013 5:23 PM	BS
82363	81730	NA	LABQC	SQ	LABQC	MB 240-81730/20-A		1/1	12-Apr-2013 11:18 AM	12-Apr-2013 11:18 AM	18-Apr-2013 12:13 PM	LB
	81730	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	12-Apr-2013 11:18 AM	18-Apr-2013 2:34 PM	N
	81730	NA	LABQC	SQ	LABQC	LCS 240-81730/21-A		1/1	12-Apr-2013 11:18 AM	12-Apr-2013 11:18 AM	18-Apr-2013 3:05 PM	BS

**Test Method: SW8260B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
80954	81012	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	04-Apr-2013 6:00 PM	08-Apr-2013 7:11 PM	N
81930	81012	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		2/1	03-Apr-2013 11:40 AM	04-Apr-2013 6:00 PM	15-Apr-2013 3:36 PM	N
80954	80943	NA	LABQC	SQ	LABQC	LCS 240-80954/6		1/1	08-Apr-2013 12:22 PM	08-Apr-2013 12:22 PM	08-Apr-2013 12:22 PM	BS
	80943	NA	LABQC	SQ	LABQC	MB 240-80954/7		1/1	08-Apr-2013 12:43 PM	08-Apr-2013 12:43 PM	08-Apr-2013 12:43 PM	LB
81013	81013	NA	LABQC	WQ	LABQC	LCS 240-81013/4		1/1	08-Apr-2013 12:50 PM	08-Apr-2013 12:50 PM	08-Apr-2013 12:50 PM	BS
	81013	NA	LABQC	WQ	LABQC	MB 240-81013/6		1/1	08-Apr-2013 1:34 PM	08-Apr-2013 1:34 PM	08-Apr-2013 1:34 PM	LB
	81013	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	08-Apr-2013 5:09 PM	08-Apr-2013 5:09 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Batch Report**

Test Method: SW8260B; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
81013	81013	NA	79-OSP-DU3-SW2	WG	079-0318-0001-TB	240-22804-12		1/1	03-Apr-2013 8:00 AM	08-Apr-2013 5:31 PM	08-Apr-2013 5:31 PM	N
81930	NA	NA	LABQC	SQ	LABQC	MB 240-81930/7		1/1	15-Apr-2013 1:05 PM	15-Apr-2013 1:05 PM	15-Apr-2013 1:05 PM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-81930/35		1/1	15-Apr-2013 1:05 PM	15-Apr-2013 1:05 PM	15-Apr-2013 1:26 PM	BS
	NA	NA	LABQC	SQ	LABQC	LCS 240-81930/35		1/1	15-Apr-2013 1:26 PM	15-Apr-2013 1:26 PM	15-Apr-2013 1:26 PM	BS

Test Method: SW8270C; Leach Method: NONE												
Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82293	81130	NA	LABQC	WQ	LABQC	MB 240-81130/22-A		1/1	09-Apr-2013 10:13 AM	09-Apr-2013 10:13 AM	17-Apr-2013 11:13 AM	LB
	81130	NA	LABQC	WQ	LABQC	LCS 240-81130/23-A		1/1	09-Apr-2013 10:13 AM	09-Apr-2013 10:13 AM	17-Apr-2013 11:36 AM	BS
	81130	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	09-Apr-2013 10:13 AM	17-Apr-2013 2:21 PM	N
82940	81948	NA	LABQC	SQ	LABQC	MB 240-81948/23-A		1/1	15-Apr-2013 11:33 AM	15-Apr-2013 11:33 AM	22-Apr-2013 10:27 AM	LB
	81948	NA	LABQC	SQ	LABQC	LCS 240-81948/24-A		1/1	15-Apr-2013 11:33 AM	15-Apr-2013 11:33 AM	22-Apr-2013 10:53 AM	BS
83126	81948	NA	74-1034-HL-SB11	SO	074SB-0015-0001-SO	240-22804-3		1/1	03-Apr-2013 5:40 PM	15-Apr-2013 11:33 AM	23-Apr-2013 2:35 PM	N
	81948	NA	74-1034-HL-SB11	SO	074SB-0013-0001-SO	240-22804-2		1/1	02-Apr-2013 5:37 PM	15-Apr-2013 11:33 AM	23-Apr-2013 3:01 PM	N
	81948	NA	74-1034-HL-SB14	SO	074SB-0027-0001-SO	240-22804-10		1/1	03-Apr-2013 12:05 PM	15-Apr-2013 11:33 AM	23-Apr-2013 3:53 PM	N
	81948	NA	74-1034-HL-SB13	SO	074SB-0024-0001-SO	240-22804-7		1/1	02-Apr-2013 4:50 PM	15-Apr-2013 11:33 AM	23-Apr-2013 4:44 PM	N
	81948	NA	74-1034-HL-SB11	SO	074SB-0025-0001-SO	240-22804-8		1/1	02-Apr-2013 5:35 PM	15-Apr-2013 11:33 AM	23-Apr-2013 5:10 PM	N
	81948	NA	74-1034-HL-SB8	SO	074SB-0026-0001-SO	240-22804-9		1/1	03-Apr-2013 11:34 AM	15-Apr-2013 11:33 AM	23-Apr-2013 5:36 PM	N
	81948	NA	74-1034-HL-SB12	SO	074SB-0023-0001-SO	240-22804-6		1/5	02-Apr-2013 4:25 PM	15-Apr-2013 11:33 AM	23-Apr-2013 6:01 PM	N



**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Batch Report**

**Test Method: SW8270C; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
82940	81948	NA	LABQC	SQ	LABQC	MB 240-81948/23-A		1/1	15-Apr-2013 1:26 PM	15-Apr-2013 1:26 PM	22-Apr-2013 10:27 AM	LB
83882	83486	NA	LABQC	SQ	LABQC	MB 240-83486/23-A		1/1	25-Apr-2013 8:16 AM	25-Apr-2013 8:16 AM	28-Apr-2013 4:55 PM	LB
	83486	NA	LABQC	SQ	LABQC	LCS 240-83486/24-A		1/1	25-Apr-2013 8:16 AM	25-Apr-2013 8:16 AM	28-Apr-2013 5:21 PM	BS
	83486	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	25-Apr-2013 8:16 AM	28-Apr-2013 7:05 PM	N
	83486	NA	74-1034-HL-SB10	SO	074SB-0012-0001-SO	240-22804-5		1/1	03-Apr-2013 12:31 PM	25-Apr-2013 8:16 AM	28-Apr-2013 7:31 PM	N

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
13918	13805	NA	LABQC	WQ	LABQC	MB 320-13805/1-A		1/1	08-Apr-2013 10:17 AM	08-Apr-2013 10:17 AM	10-Apr-2013 3:51 AM	LB
	13805	NA	LABQC	WQ	LABQC	LCS 320-13805/2-A		1/1	08-Apr-2013 10:17 AM	08-Apr-2013 10:17 AM	10-Apr-2013 4:08 AM	BS
	13805	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		1/1	03-Apr-2013 3:00 PM	08-Apr-2013 10:17 AM	10-Apr-2013 5:55 AM	N
15252	13819	NA	LABQC	WQ	LABQC	MB 320-13819/1-A		1/1	08-Apr-2013 11:28 AM	08-Apr-2013 11:28 AM	29-Apr-2013 4:21 PM	LB
	13819	NA	LABQC	WQ	LABQC	LCS 320-13819/2-A		1/1	08-Apr-2013 11:28 AM	08-Apr-2013 11:28 AM	29-Apr-2013 5:05 PM	BS
	13819	NA	79-OSP-DU3-SW1	WS	079RN-0317-0001-RN	240-22804-11		2/1	03-Apr-2013 3:00 PM	08-Apr-2013 11:28 AM	29-Apr-2013 5:48 PM	N
14412	13877	NA	LABQC	SQ	LABQC	MB 320-13877/1-A		1/1	09-Apr-2013 9:33 AM	09-Apr-2013 9:33 AM	19-Apr-2013 9:49 AM	LB
	13877	NA	LABQC	SQ	LABQC	LCS 320-13877/2-A		1/1	09-Apr-2013 9:33 AM	09-Apr-2013 9:33 AM	19-Apr-2013 11:43 AM	BS
	13877	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		2/1	03-Apr-2013 11:40 AM	09-Apr-2013 9:33 AM	19-Apr-2013 8:18 PM	N
14998	13877	NA	LABQC	SQ	LABQC	MB 320-13877/1-A		2/1	09-Apr-2013 9:33 AM	09-Apr-2013 9:33 AM	26-Apr-2013 10:34 AM	LB
	13877	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		3/1	03-Apr-2013 11:40 AM	09-Apr-2013 9:33 AM	26-Apr-2013 6:17 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Batch Report**

**Test Method: SW8330B; Leach Method: NONE**

Analytical Batch	Prep Batch	Leach Batch	Location	Matrix	Field Sample ID	Lab Sample ID	Calibration Ref	Run#/ Dil'n	Collection Date/Time	Extract Date/Time	Analysis Date/Time	Sample Type
14120	13885	NA	LABQC	SQ	LABQC	MB 320-13885/1-A		1/1	09-Apr-2013 10:24 AM	09-Apr-2013 10:24 AM	11-Apr-2013 4:18 PM	LB
	13885	NA	LABQC	SQ	LABQC	LCS 320-13885/2-A		1/1	09-Apr-2013 10:24 AM	09-Apr-2013 10:24 AM	11-Apr-2013 4:36 PM	BS
	13885	NA	74-1034-HL-SB8	SO	074SB-0010-0001-SO	240-22804-4		1/1	03-Apr-2013 11:40 AM	09-Apr-2013 10:24 AM	11-Apr-2013 7:34 PM	N

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Field Batch Report**

**--No Records Found--**

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**QC Outlier Report**

Test/Prep/Leach	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
SW6020 / SW3050B/NONE	Blank	MB 180-69392/1-A (LB) / MB 180-69392/1-A	1 / 1.00	Barium	0.018 (MG/KG)	U/None	< 0.011	< 1	L		1	0.0175
SW6020 / SW3050B/NONE	Blank	MB 180-69392/1-A (LB) / MB 180-69392/1-A	1 / 1.00	Cadmium	0.015 (MG/KG)	U/None	< 0.013	< 0.1	L		1	0.0149
SW6020 / SW3050B/NONE	Blank	MB 180-69392/1-A (LB) / MB 180-69392/1-A	1 / 1.00	Calcium	2.5 (MG/KG)	U/None	< 1.3	< 10	L		1	2.53
SW6020 / SW3050B/NONE	Blank	MB 180-69392/1-A (LB) / MB 180-69392/1-A	1 / 1.00	Iron	1.2 (MG/KG)	U/None	< 1.1	< 5	L		1	1.17
SW6020 / SW3050B/NONE	Blank	MB 180-69392/1-A (LB) / MB 180-69392/1-A	1 / 1.00	Manganese	0.020 (MG/KG)	U/None	< 0.016	< 0.5	L		1	0.0198
SW6020 / TOTAL/NONE	Blank	MB 180-70060/1-A (LB) / MB 180-70060/1-A	1 / 1.00	Lead	0.41 (UG/L)	U/None	< 0.15	< 1	L		1	0.408
SW8260B / SW5035/NONE	Blank	MB 240-81930/7 (LB) / MB 240-81930/7	1 / 1.00	Acetone	7.1 (UG/KG)	U/None	< 6.3	< 20	L		2	14.2
SW8260B / SW5035/NONE	Surrogate	074SB-0010-0001-SO (N) / 240-22804-4	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	34.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	074SB-0010-0001-SO (N) / 240-22804-4	1 / 1.00	Toluene-d8	54.0 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8270C / SW3550/NONE	Blank	MB 240-83486/23-A (LB) / MB 240-83486/23-A	1 / 1.00	Di-n-Butyl Phthalate	24.5 (UG/KG)	U/None	< 15	< 70	L		1	24.5
SW8270C / SW3550	Prep Hold Time	074SB-0010-0001-SO (N) / 240-22804-4	1 / 1.00	All in Run	21.9 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8270C / SW3550	Prep Hold Time	074SB-0012-0001-SO (N) / 240-22804-5	1 / 1.00	All in Run	21.8 (Days)	J/UJ	< 14	< 28	H2	Prep Exceeds UWL		
SW8330B / METHOD/NONE	Blank	MB 320-13877/1-A (LB) / MB 320-13877/1-A	2 / 1.00	Tetryl	0.011 (MG/KG)	U/None	< 0.01	< 0.25	L		1	0.0111

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Selenium	0.59	0.26	0.26 J		MG/KG	TR
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Silver	0.12	0.037	0.037 J		MG/KG	TR
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Aluminum	30.0	4.5	30.0 U	+	UG/L	B2
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Calcium	100	23.0	100 U	+	UG/L	B2
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Cobalt	0.50	0.082	0.50 U	+	UG/L	B2
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Copper	2.0	0.41	0.41 J		UG/L	TR
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Lead	1.0	0.59	1.0 U	+	UG/L	B2
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Manganese	5.0	0.74	5.0 U	+	UG/L	B2
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Sodium	100	65.0	65.0 J		UG/L	TR
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Zinc	5.0	3.2	3.2 J		UG/L	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Aldrin	4.7	4.7	4.7 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.9	2.9	2.9 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	alpha-Chlordane	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	alpha-Endosulfan	2.0	2.0	2.0 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	beta-BHC (beta-Hexachlorocyclohexane)	4.1	4.1	4.1 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	beta-Endosulfan	2.9	2.9	2.9 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	delta-BHC (delta-Hexachlorocyclohexane)	4.7	4.7	4.7 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Dieldrin	2.0	2.0	2.0 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Endosulfan Sulfate	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Endrin	2.0	2.0	2.0 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Endrin Aldehyde	3.5	3.5	3.5 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Endrin Ketone	2.4	2.4	2.4 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	gamma-BHC (Lindane)	2.9	2.9	2.9 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	gamma-Chlordane	2.0	2.0	2.0 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Heptachlor	4.1	4.1	4.1 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Heptachlor Epoxide	2.9	2.9	2.9 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Methoxychlor	5.9	5.9	5.9 UJ		UG/KG	h/V2

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	p,p'-DDD	2.4	2.4	2.4 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	p,p'-DDE	2.0	2.0	2.0 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	p,p'-DDT	2.4	2.4	2.4 UJ		UG/KG	h
SW8081/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Toxaphene	79.0	79.0	79.0 UJ		UG/KG	h/V1
SW8081/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Methoxychlor	0.10	0.10	0.10 UJ		UG/L	V2
SW8081/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Toxaphene	2.0	2.0	2.0 UJ		UG/L	V1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2-Butanone (MEK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2-Hexanone	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	4-Methyl-2-pentanone (MIBK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	WG	079-0318-0001-TB	240-22804-12	N	Acetone	10.0	5.1	5.1 J		UG/L	TR/J
SW8260B/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Acetone	10.0	10.0	10.0 UJ		UG/L	J
SW8260B/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Chloroform	1.0	0.34	0.34 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	1,2,4-Trichlorobenzene	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	1,2-Dichlorobenzene	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	1,3-Dichlorobenzene	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	1,4-Dichlorobenzene	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2,4,5-Trichlorophenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2,4,6-Trichlorophenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2,4-Dichlorophenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2,4-Dimethylphenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2,4-Dinitrophenol	390	390	390 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2,4-Dinitrotoluene	230	230	230 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2,6-Dinitrotoluene	230	230	230 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2-Chloronaphthalene	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2-Chlorophenol	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2-Methylnaphthalene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2-Methylphenol (o-Cresol)	230	230	230 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2-Nitroaniline	230	230	230 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	2-Nitrophenol	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	3,3'-Dichlorobenzidine	120	120	120 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	3-Nitroaniline	230	230	230 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	4,6-Dinitro-2-Methylphenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	4-Bromophenyl phenyl ether	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	4-Chloro-3-Methylphenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	4-Chloroaniline	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	4-Chlorophenyl Phenyl Ether	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	4-Nitroaniline	230	230	230 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	4-Nitrophenol	390	390	390 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Acenaphthene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Acenaphthylene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Anthracene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Benzo(a)anthracene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Benzo(a)pyrene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Benzo(b)fluoranthene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Benzo(g,h,i)perylene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Benzo(k)fluoranthene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Benzoic acid	770	770	770 R	-	UG/KG	H2/c
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Benzyl alcohol	390	390	390 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Benzyl butyl phthalate	82.0	82.0	82.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	bis(2-Chloroethoxy) Methane	120	120	120 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	120	120	120 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	bis(2-Chloroisopropyl) Ether	120	120	120 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	bis(2-Ethylhexyl) Phthalate	82.0	120	120 J	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Carbazole	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Chrysene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Cresols, m & p	470	470	470 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Dibenz(a,h)anthracene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Dibenzofuran	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Diethyl Phthalate	82.0	82.0	82.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Dimethyl Phthalate	82.0	82.0	82.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Di-n-Butyl Phthalate	82.0	82.0	82.0 UJ		UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Di-n-Octylphthalate	82.0	82.0	82.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Fluoranthene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Fluorene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Hexachlorobenzene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Hexachlorobutadiene	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Hexachlorocyclopentadiene	390	390	390 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Hexachloroethane	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Indeno(1,2,3-c,d)pyrene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Isophorone	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Naphthalene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Nitrobenzene	120	120	120 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	n-Nitrosodi-n-propylamine	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	n-Nitrosodiphenylamine	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Pentachlorophenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Phenanthrene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Phenol	58.0	58.0	58.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Pyrene	7.8	7.8	7.8 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	1,2,4-Trichlorobenzene	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	1,2-Dichlorobenzene	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	1,3-Dichlorobenzene	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	1,4-Dichlorobenzene	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2,4,5-Trichlorophenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2,4,6-Trichlorophenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2,4-Dichlorophenol	180	180	180 UJ	-	UG/KG	H2



**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2,4-Dimethylphenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2,4-Dinitrophenol	400	400	400 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2,4-Dinitrotoluene	240	240	240 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2,6-Dinitrotoluene	240	240	240 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2-Chloronaphthalene	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2-Chlorophenol	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2-Methylnaphthalene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2-Methylphenol (o-Cresol)	240	240	240 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2-Nitroaniline	240	240	240 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	2-Nitrophenol	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	3,3'-Dichlorobenzidine	120	120	120 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	3-Nitroaniline	240	240	240 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	4,6-Dinitro-2-Methylphenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	4-Bromophenyl phenyl ether	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	4-Chloro-3-Methylphenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	4-Chloroaniline	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	4-Chlorophenyl Phenyl Ether	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	4-Nitroaniline	240	240	240 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	4-Nitrophenol	400	400	400 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Acenaphthene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Acenaphthylene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Anthracene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Benzo(a)anthracene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Benzo(a)pyrene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Benzo(b)fluoranthene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Benzo(g,h,i)perylene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Benzo(k)fluoranthene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Benzoic acid	790	790	790 R	-	UG/KG	H2/c
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Benzyl alcohol	400	400	400 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Benzyl butyl phthalate	84.0	84.0	84.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	bis(2-Chloroethoxy) Methane	120	120	120 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	120	120	120 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	bis(2-Chloroisopropyl) Ether	120	120	120 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	bis(2-Ethylhexyl) Phthalate	84.0	49.0	49.0 J	-	UG/KG	H2/TR
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Carbazole	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Chrysene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Cresols, m & p	480	480	480 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Dibenz(a,h)anthracene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Dibenzofuran	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Diethyl Phthalate	84.0	84.0	84.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Dimethyl Phthalate	84.0	84.0	84.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Di-n-Butyl Phthalate	84.0	31.0	84.0 U		UG/KG	L/H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Di-n-Octylphthalate	84.0	84.0	84.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Fluoranthene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Fluorene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Hexachlorobenzene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Hexachlorobutadiene	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Hexachlorocyclopentadiene	400	400	400 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Hexachloroethane	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Indeno(1,2,3-c,d)pyrene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Isophorone	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Naphthalene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Nitrobenzene	120	120	120 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	n-Nitrosodi-n-propylamine	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	n-Nitrosodiphenylamine	60.0	60.0	60.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Pentachlorophenol	180	180	180 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Phenanthrene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Phenol	60.0	60.0	60.0 UJ	-	UG/KG	H2

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	Pyrene	8.0	8.0	8.0 UJ	-	UG/KG	H2
SW8270C/NONE	SO	074SB-0013-0001-SO	240-22804-2	N	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	074SB-0013-0001-SO	240-22804-2	N	Benzoic acid	780	780	780 R		UG/KG	c
SW8270C/NONE	SO	074SB-0013-0001-SO	240-22804-2	N	bis(2-Ethylhexyl) Phthalate	83.0	23.0	23.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0013-0001-SO	240-22804-2	N	Di-n-Butyl Phthalate	83.0	34.0	34.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0015-0001-SO	240-22804-3	N	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	074SB-0015-0001-SO	240-22804-3	N	Benzoic acid	780	780	780 R		UG/KG	c
SW8270C/NONE	SO	074SB-0015-0001-SO	240-22804-3	N	Di-n-Butyl Phthalate	83.0	30.0	30.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0015-0001-SO	240-22804-3	N	Fluoranthene	7.9	7.3	7.3 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0015-0001-SO	240-22804-3	N	Pyrene	7.9	4.0	4.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	2,4-Dinitrophenol	2000	2000	2000 UJ		UG/KG	J
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Benzoic acid	4100	4100	4100 R		UG/KG	c
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Dibenzofuran	310	56.0	56.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	2-Methylnaphthalene	7.9	5.5	5.5 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Benzoic acid	780	780	780 R		UG/KG	c
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	bis(2-Ethylhexyl) Phthalate	83.0	66.0	66.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Di-n-Butyl Phthalate	83.0	34.0	34.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Naphthalene	7.9	6.3	6.3 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	2,4-Dinitrophenol	420	420	420 UJ		UG/KG	J
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Benzoic acid	830	830	830 R		UG/KG	c
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	bis(2-Ethylhexyl) Phthalate	88.0	34.0	34.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Carbazole	63.0	35.0	35.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Di-n-Butyl Phthalate	88.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	2,4-Dinitrophenol	420	420	420 UJ		UG/KG	J
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Benzoic acid	830	830	830 R		UG/KG	c
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	bis(2-Ethylhexyl) Phthalate	88.0	46.0	46.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Dibenzofuran	63.0	34.0	34.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Di-n-Butyl Phthalate	88.0	34.0	34.0 J		UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Qualified Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	074SB-0027-0001-SO	240-22804-10	N	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	074SB-0027-0001-SO	240-22804-10	N	Benzoic acid	780	780	780 R		UG/KG	c
SW8270C/NONE	SO	074SB-0027-0001-SO	240-22804-10	N	bis(2-Ethylhexyl) Phthalate	82.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	074SB-0027-0001-SO	240-22804-10	N	Di-n-Butyl Phthalate	82.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Benzoic acid	26.0	26.0	26.0 R		UG/L	c
SW8270C/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Benzyl alcohol	5.3	5.3	5.3 UJ		UG/L	J
SW8270C/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Hexachloroethane	1.1	1.1	1.1 UJ		UG/L	J

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	C10-C20 Diesel Range Organics	21.0	56.0	56.0	MG/KG	
M8015D/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	C20-C34 Motor Oil Range Organics	21.0	220	220	MG/KG	
M8015D/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	C10-C20 Diesel Range Organics	21.0	210	210	MG/KG	
M8015D/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	C20-C34 Motor Oil Range Organics	21.0	230	230	MG/KG	
M8015D/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	C20-C34 Motor Oil Range Organics	21.0	54.0	54.0	MG/KG	
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Silver	0.12	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Aluminum	3.5	12000	12000	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Arsenic	0.12	8.2	8.2	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Barium	1.2	67.0	67.0	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Beryllium	0.12	0.60	0.60	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Calcium	12.0	32000	32000	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Cadmium	0.12	0.20	0.20	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Cobalt	0.059	12.0	12.0	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Chromium	0.24	19.0	19.0	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Copper	0.24	18.0	18.0	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Iron	5.9	24000	24000	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Potassium	12.0	2200	2200	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Magnesium	12.0	8000	8000	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Manganese	0.59	350	350	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Sodium	12.0	120	120	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Nickel	0.12	28.0	28.0	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Lead	0.12	11.0	11.0	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Selenium	0.59	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Thallium	0.12	0.19	0.19	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Vanadium	0.12	20.0	20.0	MG/KG	
SW6020/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	Zinc	0.59	52.0	52.0	MG/KG	
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Chromium	2.0	3.2	3.2	UG/L	

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Copper	2.0	0.41	0.41 J	UG/L	TR
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Sodium	100	65.0	65.0 J	UG/L	TR
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Nickel	1.0	5.9	5.9	UG/L	
SW6020/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Zinc	5.0	3.2	3.2 J	UG/L	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	WG	079-0318-0001-TB	240-22804-12	N	Acetone	10.0	5.1	5.1 J	UG/L	TR/J
SW8260B/NONE	WG	079-0318-0001-TB	240-22804-12	N	Methylene Chloride	1.0	1.1	1.1	UG/L	
SW8260B/NONE	WS	079RN-0317-0001-RN	240-22804-11	N	Chloroform	1.0	0.34	0.34 J	UG/L	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	074SB-0010-0001-SO	240-22804-4	N	bis(2-Ethylhexyl) Phthalate	82.0	120	120 J -	UG/KG	H2
SW8270C/NONE	SO	074SB-0012-0001-SO	240-22804-5	N	bis(2-Ethylhexyl) Phthalate	84.0	49.0	49.0 J -	UG/KG	H2/TR
SW8270C/NONE	SO	074SB-0013-0001-SO	240-22804-2	N	bis(2-Ethylhexyl) Phthalate	83.0	23.0	23.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0013-0001-SO	240-22804-2	N	Di-n-Butyl Phthalate	83.0	34.0	34.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0015-0001-SO	240-22804-3	N	Di-n-Butyl Phthalate	83.0	30.0	30.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0015-0001-SO	240-22804-3	N	Fluoranthene	7.9	7.3	7.3 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0015-0001-SO	240-22804-3	N	2-Methylnaphthalene	7.9	15.0	15.0	UG/KG	
SW8270C/NONE	SO	074SB-0015-0001-SO	240-22804-3	N	Naphthalene	7.9	11.0	11.0	UG/KG	
SW8270C/NONE	SO	074SB-0015-0001-SO	240-22804-3	N	Pyrene	7.9	4.0	4.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Acenaphthene	41.0	85.0	85.0	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Anthracene	41.0	160	160	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Benzo(a)anthracene	41.0	260	260	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Benzo(a)pyrene	41.0	180	180	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Benzo(b)fluoranthene	41.0	260	260	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Benzo(g,h,i)perylene	41.0	120	120	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Benzo(k)fluoranthene	41.0	87.0	87.0	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Chrysene	41.0	330	330	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Dibenzofuran	310	56.0	56.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Fluorene	41.0	90.0	90.0	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Fluoranthene	41.0	670	670	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Indeno(1,2,3-c,d)pyrene	41.0	96.0	96.0	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Phenanthrene	41.0	330	330	UG/KG	
SW8270C/NONE	SO	074SB-0023-0001-SO	240-22804-6	N	Pyrene	41.0	570	570	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Acenaphthene	7.9	8.7	8.7	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Anthracene	7.9	12.0	12.0	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	bis(2-Ethylhexyl) Phthalate	83.0	66.0	66.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Benzo(a)anthracene	7.9	48.0	48.0	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Benzo(a)pyrene	7.9	39.0	39.0	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Benzo(b)fluoranthene	7.9	60.0	60.0	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Benzo(g,h,i)perylene	7.9	34.0	34.0	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Benzo(k)fluoranthene	7.9	22.0	22.0	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Chrysene	7.9	49.0	49.0	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Di-n-Butyl Phthalate	83.0	34.0	34.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Fluorene	7.9	13.0	13.0	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Fluoranthene	7.9	100	100	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Indeno(1,2,3-c,d)pyrene	7.9	26.0	26.0	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	2-Methylnaphthalene	7.9	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Naphthalene	7.9	6.3	6.3 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Phenanthrene	7.9	61.0	61.0	UG/KG	
SW8270C/NONE	SO	074SB-0024-0001-SO	240-22804-7	N	Pyrene	7.9	86.0	86.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Acenaphthene	8.4	51.0	51.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Acenaphthylene	8.4	9.9	9.9	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Anthracene	8.4	90.0	90.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	bis(2-Ethylhexyl) Phthalate	88.0	34.0	34.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Benzo(a)anthracene	8.4	110	110	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Benzo(a)pyrene	8.4	100	100	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Benzo(b)fluoranthene	8.4	150	150	UG/KG	



**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Benzo(g,h,i)perylene	8.4	80.0	80.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Benzo(k)fluoranthene	8.4	55.0	55.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Carbazole	63.0	35.0	35.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Chrysene	8.4	120	120	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Dibenz(a,h)anthracene	8.4	20.0	20.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Dibenzofuran	63.0	78.0	78.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Di-n-Butyl Phthalate	88.0	33.0	33.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Fluorene	8.4	93.0	93.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Fluoranthene	8.4	310	310	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Indeno(1,2,3-c,d)pyrene	8.4	66.0	66.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	2-Methylnaphthalene	8.4	51.0	51.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Naphthalene	8.4	30.0	30.0	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Phenanthrene	8.4	170	170	UG/KG	
SW8270C/NONE	SO	074SB-0025-0001-SO	240-22804-8	N	Pyrene	8.4	270	270	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Acenaphthene	8.4	21.0	21.0	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Anthracene	8.4	48.0	48.0	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	bis(2-Ethylhexyl) Phthalate	88.0	46.0	46.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Benzo(a)anthracene	8.4	98.0	98.0	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Benzo(a)pyrene	8.4	74.0	74.0	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Benzo(b)fluoranthene	8.4	130	130	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Benzo(g,h,i)perylene	8.4	63.0	63.0	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Benzo(k)fluoranthene	8.4	35.0	35.0	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Chrysene	8.4	110	110	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Dibenzofuran	63.0	34.0	34.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Di-n-Butyl Phthalate	88.0	34.0	34.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Fluorene	8.4	46.0	46.0	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Fluoranthene	8.4	280	280	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Indeno(1,2,3-c,d)pyrene	8.4	53.0	53.0	UG/KG	

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Detected Results**

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	2-Methylnaphthalene	8.4	9.7	9.7	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Naphthalene	8.4	10.0	10.0	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Phenanthrene	8.4	79.0	79.0	UG/KG	
SW8270C/NONE	SO	074SB-0026-0001-SO	240-22804-9	N	Pyrene	8.4	240	240	UG/KG	
SW8270C/NONE	SO	074SB-0027-0001-SO	240-22804-10	N	bis(2-Ethylhexyl) Phthalate	82.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	074SB-0027-0001-SO	240-22804-10	N	Di-n-Butyl Phthalate	82.0	33.0	33.0 J	UG/KG	TR

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Rejected Results**

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	074SB-0010-0001-SO	N	Benzoic acid	770	770	R	UG/KG	H2/c
SW8270C/NONE	SO	074SB-0012-0001-SO	N	Benzoic acid	790	790	R	UG/KG	H2/c
SW8270C/NONE	SO	074SB-0013-0001-SO	N	Benzoic acid	780	780	R	UG/KG	c
SW8270C/NONE	SO	074SB-0015-0001-SO	N	Benzoic acid	780	780	R	UG/KG	c
SW8270C/NONE	SO	074SB-0023-0001-SO	N	Benzoic acid	4100	4100	R	UG/KG	c
SW8270C/NONE	SO	074SB-0024-0001-SO	N	Benzoic acid	780	780	R	UG/KG	c
SW8270C/NONE	SO	074SB-0025-0001-SO	N	Benzoic acid	830	830	R	UG/KG	c
SW8270C/NONE	SO	074SB-0026-0001-SO	N	Benzoic acid	830	830	R	UG/KG	c
SW8270C/NONE	SO	074SB-0027-0001-SO	N	Benzoic acid	780	780	R	UG/KG	c
SW8270C/NONE	WS	079RN-0317-0001-RN	N	Benzoic acid	26.0	26.0	R	UG/L	c

## AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN

### Anomalies Count

SDG Name: 240-22804-1\_74,79,SB,RN

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	1	1
M8015D/SW3540C/NONE	9	18
SW6020/SW3050B/NONE	1	6
SW7471A/TOTAL/NONE	1	1
SW8081/SW3520C/NONE	1	5
SW8082/SW3520C/NONE	1	7
SW8260B/SW5035/NONE	1	1
SW8270C/SW3510/NONE	1	16
SW8330B/METHOD/NONE	1	6

**Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Reporting Anomalies**

SDG Name: 240-22804-1\_74,79,SB,RN

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	074SB-0010-0001-SO	N	1	Nitrocellulose	5.9 U	0.92	5.9	5	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	074SB-0010-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0010-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0012-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0012-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0013-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0013-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0015-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0015-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0023-0001-SO	N	1	C10-C20 Diesel Range Organics	56	12	21	10	MG/KG
M8015D/NONE	074SB-0023-0001-SO	N	1	C20-C34 Motor Oil Range Organics	220	12	21	10	MG/KG
M8015D/NONE	074SB-0024-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0024-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0025-0001-SO	N	1	C10-C20 Diesel Range Organics	210	12	21	10	MG/KG
M8015D/NONE	074SB-0025-0001-SO	N	1	C20-C34 Motor Oil Range Organics	230	12	21	10	MG/KG
M8015D/NONE	074SB-0026-0001-SO	N	1	C10-C20 Diesel Range Organics	21 U	12	21	10	MG/KG
M8015D/NONE	074SB-0026-0001-SO	N	1	C20-C34 Motor Oil Range Organics	54	12	21	10	MG/KG
M8015D/NONE	074SB-0027-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	074SB-0027-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	079RN-0317-0001-RN	N	1	C10-C20 Diesel Range Organics	500 U	240	500	0.5	UG/L
M8015D/NONE	079RN-0317-0001-RN	N	1	C20-C34 Motor Oil Range Organics	500 U	240	500	0.5	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	074SB-0010-0001-SO	N	1	Barium	67	0.013	1.2	1	MG/KG
SW6020/NONE	074SB-0010-0001-SO	N	1	Beryllium	0.6	0.0088	0.12	0.1	MG/KG
SW6020/NONE	074SB-0010-0001-SO	N	1	Cadmium	0.2	0.016	0.12	0.1	MG/KG
SW6020/NONE	074SB-0010-0001-SO	N	1	Calcium	32000	1.6	12	10	MG/KG
SW6020/NONE	074SB-0010-0001-SO	N	1	Magnesium	8000	1.3	12	10	MG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Reporting Anomalies**

SDG Name: 240-22804-1\_74,79,SB,RN

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	074SB-0010-0001-SO	N	1	Selenium	0.26 J	0.06	0.59	0.5	MG/KG
SW6020/NONE	079RN-0317-0001-RN	N	1	Cadmium	1 U	0.13	1	0.5	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	074SB-0010-0001-SO	N	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	074SB-0010-0001-SO	N	1	Aldrin	4.7 UJ	1.4	4.7	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.9 UJ	0.86	2.9	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	alpha-Chlordane	3.5 UJ	1.1	3.5	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	alpha-Endosulfan	2 UJ	0.61	2	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	4.1 UJ	1.3	4.1	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	beta-Endosulfan	2.9 UJ	0.97	2.9	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.7 UJ	1.4	4.7	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	Dieldrin	2 UJ	0.55	2	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	Endosulfan Sulfate	3.5 UJ	1	3.5	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	Endrin	2 UJ	0.59	2	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	Endrin Aldehyde	3.5 UJ	1.2	3.5	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	Endrin Ketone	2.4 UJ	0.74	2.4	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	gamma-BHC (Lindane)	2.9 UJ	0.87	2.9	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	gamma-Chlordane	2 UJ	0.49	2	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	Heptachlor	4.1 UJ	1.3	4.1	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	Heptachlor Epoxide	2.9 UJ	0.94	2.9	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	Methoxychlor	5.9 UJ	1.8	5.9	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	p,p'-DDD	2.4 UJ	0.73	2.4	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	p,p'-DDE	2 UJ	0.46	2	1.7	UG/KG
SW8081/NONE	074SB-0010-0001-SO	N	1	p,p'-DDT	2.4 UJ	0.74	2.4	1.7	UG/KG
SW8081/NONE	079RN-0317-0001-RN	N	1	Aldrin	0.05 U	0.0082	0.05	0.03	UG/L
SW8081/NONE	079RN-0317-0001-RN	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.05 U	0.007	0.05	0.03	UG/L
SW8081/NONE	079RN-0317-0001-RN	N	1	Dieldrin	0.05 U	0.0075	0.05	0.03	UG/L

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Reporting Anomalies**

SDG Name: 240-22804-1\_74,79,SB,RN

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	079RN-0317-0001-RN	N	1	Heptachlor	0.05 U	0.008	0.05	0.03	UG/L
SW8081/NONE	079RN-0317-0001-RN	N	1	Heptachlor Epoxide	0.05 U	0.0071	0.05	0.03	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	074SB-0010-0001-SO	N	1	PCB-1016 (Arochlor 1016)	77 U	25	77	33	UG/KG
SW8082/NONE	074SB-0010-0001-SO	N	1	PCB-1221 (Arochlor 1221)	59 U	19	59	33	UG/KG
SW8082/NONE	074SB-0010-0001-SO	N	1	PCB-1232 (Arochlor 1232)	53 U	16	53	33	UG/KG
SW8082/NONE	074SB-0010-0001-SO	N	1	PCB-1242 (Arochlor 1242)	47 U	15	47	33	UG/KG
SW8082/NONE	074SB-0010-0001-SO	N	1	PCB-1248 (Arochlor 1248)	65 U	20	65	33	UG/KG
SW8082/NONE	074SB-0010-0001-SO	N	1	PCB-1254 (Arochlor 1254)	65 U	20	65	33	UG/KG
SW8082/NONE	074SB-0010-0001-SO	N	1	PCB-1260 (Arochlor 1260)	65 U	20	65	33	UG/KG
SW8082/NONE	079RN-0317-0001-RN	N	1	PCB-1016 (Arochlor 1016)	0.5 U	0.17	0.5	0.2	UG/L
SW8082/NONE	079RN-0317-0001-RN	N	1	PCB-1221 (Arochlor 1221)	0.5 U	0.13	0.5	0.2	UG/L
SW8082/NONE	079RN-0317-0001-RN	N	1	PCB-1232 (Arochlor 1232)	0.5 U	0.16	0.5	0.2	UG/L
SW8082/NONE	079RN-0317-0001-RN	N	1	PCB-1242 (Arochlor 1242)	0.5 U	0.22	0.5	0.2	UG/L
SW8082/NONE	079RN-0317-0001-RN	N	1	PCB-1248 (Arochlor 1248)	0.5 U	0.1	0.5	0.2	UG/L
SW8082/NONE	079RN-0317-0001-RN	N	1	PCB-1254 (Arochlor 1254)	0.5 U	0.16	0.5	0.2	UG/L
SW8082/NONE	079RN-0317-0001-RN	N	1	PCB-1260 (Arochlor 1260)	0.5 U	0.17	0.5	0.2	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	074SB-0010-0001-SO	N	1	1,2-Dichloroethene	9.1 U	0.7	9.1	5	UG/KG
SW8260B/NONE	079-0318-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	079RN-0317-0001-RN	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	074SB-0010-0001-SO	N	1	Benzyl alcohol	390 UJ	25	390	330	UG/KG
SW8270C/NONE	074SB-0010-0001-SO	N	1	Carbazole	58 UJ	32	58	50	UG/KG
SW8270C/NONE	074SB-0010-0001-SO	N	1	Cresols, m & p	470 UJ	23	470	300	UG/KG
SW8270C/NONE	074SB-0010-0001-SO	N	1	Hexachlorocyclopentadiene	390 UJ	32	390	330	UG/KG
SW8270C/NONE	074SB-0012-0001-SO	N	1	Benzyl alcohol	400 UJ	25	400	330	UG/KG
SW8270C/NONE	074SB-0012-0001-SO	N	1	Carbazole	60 UJ	32	60	50	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**



**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Reporting Anomalies**

SDG Name: 240-22804-1\_74,79,SB,RN

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	074SB-0012-0001-SO	N	1	Cresols, m & p	480 UJ	24	480	300	UG/KG
SW8270C/NONE	074SB-0012-0001-SO	N	1	Hexachlorocyclopentadiene	400 UJ	32	400	330	UG/KG
SW8270C/NONE	074SB-0013-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	074SB-0013-0001-SO	N	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	074SB-0013-0001-SO	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	074SB-0013-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	074SB-0015-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	074SB-0015-0001-SO	N	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	074SB-0015-0001-SO	N	1	Cresols, m & p	470 U	24	470	300	UG/KG
SW8270C/NONE	074SB-0015-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	2,4,5-Trichlorophenol	930 U	150	930	800	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	2,4,6-Trichlorophenol	930 U	500	930	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	2,4-Dichlorophenol	930 U	120	930	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	2,4-Dimethylphenol	930 U	120	930	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	2,4-Dinitrophenol	2000 UJ	500	2000	800	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	2,4-Dinitrotoluene	1200 U	170	1200	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	2,6-Dinitrotoluene	1200 U	130	1200	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	2-Methylphenol (o-Cresol)	1200 U	500	1200	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	2-Nitroaniline	1200 U	56	1200	800	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	3,3'-Dichlorobenzidine	620 U	110	620	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	3-Nitroaniline	1200 U	99	1200	800	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	4,6-Dinitro-2-Methylphenol	930 U	500	930	800	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	4-Chloro-3-Methylphenol	930 U	130	930	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	4-Chloroaniline	930 U	110	930	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	4-Nitroaniline	1200 U	160	1200	800	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	4-Nitrophenol	2000 U	500	2000	800	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Benzoic acid	4100 R	2100	4100	800	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Benzyl alcohol	2000 U	130	2000	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Benzyl butyl phthalate	430 U	62	430	330	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Reporting Anomalies**

SDG Name: 240-22804-1\_74,79,SB,RN

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	074SB-0023-0001-SO	N	5	bis(2-Chloroethoxy) Methane	620 U	140	620	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	620 U	12	620	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	620 U	59	620	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Carbazole	310 U	170	310	50	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Cresols, m & p	2500 U	120	2500	300	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Diethyl Phthalate	430 U	99	430	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Dimethyl Phthalate	430 U	110	430	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Di-n-Butyl Phthalate	430 U	93	430	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Di-n-Octylphthalate	430 U	170	430	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Hexachlorocyclopentadiene	2000 U	170	2000	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Nitrobenzene	620 U	14	620	330	UG/KG
SW8270C/NONE	074SB-0023-0001-SO	N	5	Pentachlorophenol	930 U	500	930	800	UG/KG
SW8270C/NONE	074SB-0024-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	074SB-0024-0001-SO	N	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	074SB-0024-0001-SO	N	1	Cresols, m & p	470 U	24	470	300	UG/KG
SW8270C/NONE	074SB-0024-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	074SB-0025-0001-SO	N	1	Benzoic acid	830 R	420	830	800	UG/KG
SW8270C/NONE	074SB-0025-0001-SO	N	1	Benzyl alcohol	420 U	26	420	330	UG/KG
SW8270C/NONE	074SB-0025-0001-SO	N	1	Carbazole	35 J	34	63	50	UG/KG
SW8270C/NONE	074SB-0025-0001-SO	N	1	Cresols, m & p	500 U	25	500	300	UG/KG
SW8270C/NONE	074SB-0025-0001-SO	N	1	Hexachlorocyclopentadiene	420 U	34	420	330	UG/KG
SW8270C/NONE	074SB-0026-0001-SO	N	1	Benzoic acid	830 R	420	830	800	UG/KG
SW8270C/NONE	074SB-0026-0001-SO	N	1	Benzyl alcohol	420 U	26	420	330	UG/KG
SW8270C/NONE	074SB-0026-0001-SO	N	1	Carbazole	63 U	34	63	50	UG/KG
SW8270C/NONE	074SB-0026-0001-SO	N	1	Cresols, m & p	500 U	25	500	300	UG/KG
SW8270C/NONE	074SB-0026-0001-SO	N	1	Hexachlorocyclopentadiene	420 U	34	420	330	UG/KG
SW8270C/NONE	074SB-0027-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	074SB-0027-0001-SO	N	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	074SB-0027-0001-SO	N	1	Cresols, m & p	470 U	24	470	300	UG/KG

**Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.**

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Reporting Anomalies**

SDG Name: 240-22804-1\_74,79,SB,RN

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	074SB-0027-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	079RN-0317-0001-RN	N	1	1,4-Dichlorobenzene	1.1 U	0.36	1.1	1	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	2,4,5-Trichlorophenol	5.3 U	0.32	5.3	5	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	2,4,6-Trichlorophenol	5.3 U	0.85	5.3	5	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	3,3'-Dichlorobenzidine	5.3 U	0.39	5.3	5	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Benzo(a)anthracene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Benzo(a)pyrene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Benzo(b)fluoranthene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Benzo(k)fluoranthene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Benzoic acid	26 R	11	26	25	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1.1 U	0.11	1.1	1	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Dibenz(a,h)anthracene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Hexachlorobenzene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Hexachlorobutadiene	1.1 U	0.29	1.1	1	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Hexachlorocyclopentadiene	11 U	0.85	11	10	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Indeno(1,2,3-c,d)pyrene	0.21 U	0.11	0.21	0.2	UG/L
SW8270C/NONE	079RN-0317-0001-RN	N	1	Pentachlorophenol	5.3 U	2.5	5.3	5	UG/L
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	079RN-0317-0001-RN	N	1	2,4-Dinitrotoluene	0.11 U	0.056	0.11	0.1	UG/L
SW8330B/NONE	079RN-0317-0001-RN	N	1	2,6-Dinitrotoluene	0.11 U	0.056	0.11	0.1	UG/L
SW8330B/NONE	079RN-0317-0001-RN	N	1	2-Amino-4,6-dinitrotoluene	0.22 U	0.017	0.22	0.2	UG/L
SW8330B/NONE	079RN-0317-0001-RN	N	1	2-Nitrotoluene	0.56 U	0.098	0.56	0.2	UG/L
SW8330B/NONE	079RN-0317-0001-RN	N	1	3-Nitrotoluene	0.56 U	0.064	0.56	0.2	UG/L
SW8330B/NONE	079RN-0317-0001-RN	N	1	4-Nitrotoluene	0.56 U	0.098	0.56	0.2	UG/L

Reporting Anomalies are cases where the reported RL exceeds that specified in the governing project document.

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Worksheet**

SDG Name: 240-22804-1\_74,79,SB,RN

Method: E353.2				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?	•			Rinsate Blank
Were target analytes reported in the field blank analyses above the MDL?		•		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a duplicate sample prepared and analyzed with each batch?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Method:** M8015D

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?	•			Rinsate Blank
Were target analytes reported in the field blank analyses above the MDL?		•		
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?	•			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	•			
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Method:** SW6020

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?	•			1. MB 180-70060/1-A: Pb was detected above the MDL but below the RL. CCB2 180-71214/25: Al, Ca, Fe, Mn, Mg, were detected above the MDL but below RL. CCB3 180-71214/37: Cd, Ca, Co, Fe, and Pb were detected above the MDL but below the RL. 3. MB 180-69392/1-A: Ba,Ca, Cd, Fe, and Mn were detected above MDL but below the RL.
Was a field blank collected and analyzed?	•			Rinsate Blank
Were target analytes reported in the field blank analyses above the MDL?	•			Cr, and Ni were above RL. Cu, Na, and Zn were detected above the MDL but below the RL.
Was an Interference Check Standard (ICS) run at the beginning and end of every run?	•			
Was the ICS recovery within QAPP acceptance limits?	•			
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD within QAPP acceptance limits?	•			
Was a serial dilution prepared and analyzed with each batch?	•			
Was the serial dilution within QAPP acceptance limits?	•			
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Method:** SW6020

Review Questions	Yes	No	NA	Comment
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**Method:** SW7470A

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?	•			Rinsate Blank
Were target analytes reported in the field blank analyses above the MDL?		•		
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Method:** SW7470A

Review Questions	Yes	No	NA	Comment
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**Method:** SW7471A

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified RLs achieved?	•			
Were all QAPP specified target analytes reported?	•			
Was the initial calibration curve within QAPP acceptance limits?	•			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	•			
Were ICV/CCV results within QAPP acceptance limits?	•			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the ICB/CCB/method blank?		•		
Was a field blank collected and analyzed?	•			Rinsate Blank
Were target analytes reported in the field blank analyses above the MDL?		•		
Was the ICS recovery within QAPP acceptance limits?			•	
If a field duplicate was analyzed, were the RPDs within criteria?			•	
Was a LCS prepared and analyzed with each batch?	•			
Were the LCS recoveries within QAPP acceptance limits?	•			
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were the MS/MSD within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			



**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Method:** SW7471A

Review Questions	Yes	No	NA	Comment
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			

**Method:** SW8081

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?		•		Sample 240-22804-4 was re-extracted outside the method recommended holding time, due to low surrogate recovery in the initial extraction.
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?		•		Toxaphene %D= 28.9%.
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?		•		CCV 240-82129/13 and 26; CCV 240-83482/12: Methoxychlor %D >20%.
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?	•			Rinsate Blank
Were target analytes reported in the field blank analyses above the MDL?		•		
Were surrogate recoveries within QAPP acceptance limits?	•			Surrogate recovery in sample 240-22804-4 recovered below the control limits in the initial extraction.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)			•	
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?	•			
Is the MS/MSD parent sample the one designated by the sampling team?			•	

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

<b>Method: SW8081</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?			•	All pesticides were reported as non-detects.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			
<b>Method: SW8082</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report?	•			
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		
Was a field blank (equipment or trip) collected and analyzed?	•			Rinsate Blank
Were target analytes reported in the field blank analyses above the MDL?		•		
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

<b>Method: SW8082</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Were the Breakdown products within QAPP acceptance limits?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?	•			
Were RPDs between primary and confirmation columns < 40%?			•	All PCBs were reported as non-detects.
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			
<b>Method: SW8260B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?	•			
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Method:** SW8260B

Review Questions	Yes	No	NA	Comment
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			MB 240-81930/7: Acetone was detected above the MDL but below the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•			Rinsate and trip blank were submitted with this SDG.
Were target analytes reported in the field blank analyses above the MDL?	•			079-0318-001-TB (240-22804-12): Acetone was detected above the MDL but below the RL. Methylene chloride was detected above the RL.
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was analyzed with each batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were surrogate recoveries within QAPP acceptance limits?		•		1. Sample 240-22804-4: two surrogate were recovered below the control limits. This only impact the following compounds: MIBK, 2-Hexanone and MEK.

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

<b>Method: SW8260B</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			
<b>Method: SW8270C</b>				
<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	•			
Were samples preserved properly and received in good condition?	•			
Were holding times met?		•		Samples 240-22804-4 and 5 were re-extracted outside the recommended method holding time, due to low acid surrogate recovery in the initial analysis.
Were sample receipt temperatures met?	•			
Were QAPP specified PQLs achieved?	•			
Were all QAPP-specified target analytes reported?	•			
Was the GC/MS system properly tuned based on method criteria?	•			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	•			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	•			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	•			
If a linear regression curve was used, was the correlation coefficient within criteria?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Did the CCCs have a %Difference within QAPP acceptance limits?	•			
Were the average RFs for the SPCCs within QAPP acceptance limits?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Method:** SW8270C

Review Questions	Yes	No	NA	Comment
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	•			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	•			
Were the retention times for all IS compounds within QAPP acceptance limits?	•			
Are the area counts of all IS compounds within QAPP acceptance limits?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?	•			MB 240-83486/23-A: Di-n-butyl phthalate was detected above the MDL but below the RL.
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	•			Rinsate Blank
Were target analytes reported in the field blank analyses above the MDL?		•		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			•	
Was an LCS/LCSD pair prepared and analyzed with each batch?	•			LCS was extracted with each batch.
Were the LCS/LCSD recoveries within QAPP acceptance limits?		•		LCS 240-81130/23-A, LCS 240-81948/24-A, and LCS 240-83486/24-A: Benzoic acid was not recovered. Benzoic acid was qualified (R) in the following samples 2-11.
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•	
Was the duplicate RPD within QAPP acceptance limits?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Was a MS/MSD pair prepared with each batch?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were surrogate recoveries within QAPP acceptance limits?	•			
Were reported sample concentrations within calibration range?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			
Were instrument run logs present and filled out appropriately?	•			
Were sample preparation sheets present and filled out appropriately?	•			

**Method:** SW8330B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Method:** SW8330B

Review Questions	Yes	No	NA	Comment
Were samples preserved properly and received in good condition?	•			
Were sample receipt temperatures met?	•			
Were holding times for prep and analysis met?	•			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	•			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	•			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	•			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	•			
Was the CCV a mid-level standard from the initial calibration curve?	•			
Was the CCV %D within criteria (%D =20%)?	•			
Was a method blank prepared and analyzed with each batch?	•			
Were target analytes detected in the method blank above the MDL?		•		1. MB 320-143877/1-A: Tetryl was not detected on the primary column (C18); however it was detected on the confirmation column (Zorbax CN). Tetryl was false positive.
Was a field blank (equipment or trip) collected and analyzed?	•			Rinsate Blank.
Were target analytes reported in the field blank analyses above the MDL?		•		
Were surrogate recoveries within QAPP acceptance limits?	•			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	•			LCS was extracted with each preparation batch.
Were the LCS recoveries within QAPP acceptance limits?	•			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			•	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	
Is the MS/MSD parent sample the one designated by the sampling team?			•	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	•			
Were reported sample concentrations within calibration range?				
Were RPDs between primary and confirmation columns < 40%?			•	All explosives were reported as non-detect.
Did PDA spectra for reported compounds match associated standard spectra?			•	
Are all samples associated with QC non-compliances flagged appropriately?	•			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	•			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	•			

**AUTOMATED DATA REVIEW SUMMARY for 240-22804-1\_74,79,SB,RN**

**Method:** SW8330B

<b>Review Questions</b>	<b>Yes</b>	<b>No</b>	<b>NA</b>	<b>Comment</b>
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			



**WORKSHEET 11**

**Automated Data Review Summary for Field Duplicates**

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**Field Duplicate Report By Event and Site**  
 Ravenna Army Ammunition Plant  
 RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
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4

**Location**                      **Analysis**

73-ECY-DU1-SB1                      SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Aluminum	7500	11000	2.90	37.8	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Antimony	0.0650	0.0580	0.190	11.4	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Arsenic	7.80	13.0	0.0950	50.0	50		NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Barium	44.0	52.0	0.950	16.7	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Beryllium	0.430	0.620	0.0950	36.2	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Cadmium	0.180	0.150	0.0950	18.2	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Calcium	6500	4500	9.50	36.4	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Chromium	14.0	17.0	0.190	19.4	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Cobalt	7.70	9.90	0.0480	25.0	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Copper	14.0	19.0	0.190	30.3	50	OK	NA

### Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant  
RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**

73-ECY-DU1-SB1                      SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Iron	18000	24000	4.80	28.6	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Lead	10.0	11.0	0.0950	9.52	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Magnesium	2900	3400	9.50	15.9	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Manganese	280	300	0.480	6.90	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Nickel	19.0	24.0	0.0950	23.3	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Potassium	1100	1600	9.50	37.0	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Selenium	0.710	0.700	0.480	1.42	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Silver	0.0240	0.0190	0.0950	23.3	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Sodium	78.0	58.0	9.50	29.4	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Thallium	0.130	0.160	0.0950	20.7	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Vanadium	13.0	16.0	0.0950	20.7	50	OK	NA
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Zinc	45.0	58.0	0.480	25.2	50	OK	NA

**Location**                      **Analysis**

73-ECY-DU1-SB1                      SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Mercury	0.0260	0.0190	0.0920	31.1	50	NA	OK

**Field Duplicate Report By Event and Site**  
 Ravenna Army Ammunition Plant  
 RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
 73-ECY-DU1-SB1                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	1,2,4-Trichlorobenzene	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	1,2-Dichlorobenzene	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	1,3-Dichlorobenzene	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	1,4-Dichlorobenzene	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2,4,5-Trichlorophenol	ND	ND	740	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2,4,6-Trichlorophenol	ND	ND	740	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2,4-Dichlorophenol	ND	ND	740	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2,4-Dimethylphenol	ND	ND	740	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2,4-Dinitrophenol	ND	ND	1600	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2,4-Dinitrotoluene	ND	ND	990	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2,6-Dinitrotoluene	ND	ND	990	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2-Chloronaphthalene	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2-Chlorophenol	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2-Methylnaphthalene	23.0	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2-Methylphenol (o-Cresol)	ND	ND	990	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2-Nitroaniline	ND	ND	990	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	2-Nitrophenol	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	3,3'-Dichlorobenzidine	ND	ND	490	NA	50	NA	OK

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**Location**                      **Analysis**  
73-ECY-DU1-SB1                      SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	3-Nitroaniline	ND	ND	990	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	4,6-Dinitro-2-Methylphenol	ND	ND	740	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	4-Bromophenyl phenyl ether	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	4-Chloro-3-Methylphenol	ND	ND	740	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	4-Chloroaniline	ND	ND	740	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	4-Chlorophenyl Phenyl Ether	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	4-Nitroaniline	ND	ND	990	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	4-Nitrophenol	ND	ND	1600	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Acenaphthene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Acenaphthylene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Anthracene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Benzo(a)anthracene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Benzo(a)pyrene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Benzo(b)fluoranthene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Benzo(g,h,i)perylene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Benzo(k)fluoranthene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Benzoic acid	ND	ND	3300	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Benzyl alcohol	ND	ND	1600	NA	50	NA	OK

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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Benzyl butyl phthalate	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	bis(2-Chloroethoxy) Methane	ND	ND	490	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	490	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	bis(2-Chloroisopropyl) Ether	ND	ND	490	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	bis(2-Ethylhexyl) Phthalate	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Carbazole	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Chrysene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Cresols, m & p	ND	ND	2000	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Di-n-Butyl Phthalate	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Di-n-Octylphthalate	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Dibenz(a,h)anthracene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Dibenzofuran	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Diethyl Phthalate	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Dimethyl Phthalate	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Fluoranthene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Fluorene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Hexachlorobenzene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Hexachlorobutadiene	ND	ND	250	NA	50	NA	OK

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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Hexachlorocyclopentadiene	ND	ND	1600	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Hexachloroethane	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Indeno(1,2,3-c,d)pyrene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Isophorone	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	n-Nitrosodi-n-propylamine	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	n-Nitrosodiphenylamine	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Naphthalene	ND	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Nitrobenzene	ND	ND	490	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Pentachlorophenol	ND	ND	740	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Phenanthrene	27.0	ND	33.0	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Phenol	ND	ND	250	NA	50	NA	OK
Dec 4 2012	073SB-0009M-0001-SO / 073SB-0010M-0001-SO	240-18441-23 / 240-18441-24	Pyrene	17.0	ND	33.0	NA	50	NA	OK

**Location**                      **Analysis**  
 73-NLCT-DU1-SB1                SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Aluminum	8300	8500	2.90	2.38	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Antimony	ND	ND	0.190	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Arsenic	5.30	4.10	0.0960	25.5	50	OK	NA



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**Location**                      **Analysis**  
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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Barium	74.0	80.0	0.960	7.79	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Beryllium	0.840	0.970	0.0960	14.4	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Cadmium	0.250	0.250	0.0960	0.00	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Calcium	21000	24000	9.60	13.3	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Chromium	8.40	7.20	0.190	15.4	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Cobalt	6.10	5.10	0.0480	17.9	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Copper	11.0	9.00	0.190	20.0	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Iron	12000	10000	4.80	18.2	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Lead	11.0	9.40	0.0960	15.7	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Magnesium	3400	3900	9.60	13.7	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Manganese	780	840	0.480	7.41	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Nickel	13.0	11.0	0.0960	16.7	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Potassium	690	730	9.60	5.63	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Selenium	0.690	0.620	0.480	10.7	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Silver	0.0380	0.0350	0.0960	8.22	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Sodium	110	160	9.60	37.0	50	OK	NA
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Thallium	0.0860	0.0770	0.0960	11.0	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Vanadium	9.90	8.70	0.0960	12.9	50	OK	NA

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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Zinc	33.0	28.0	0.480	16.4	50	OK	NA

**Location**                      **Analysis**

73-NLCT-DU1-SB1              SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Mercury	ND	ND	0.100	NA	50	NA	OK

**Location**                      **Analysis**

73-NLCT-DU1-SB1              SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	1,2,4-Trichlorobenzene	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	1,2-Dichlorobenzene	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	1,3-Dichlorobenzene	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	1,4-Dichlorobenzene	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2,4,5-Trichlorophenol	ND	ND	760	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2,4,6-Trichlorophenol	ND	ND	760	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2,4-Dichlorophenol	ND	ND	760	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2,4-Dimethylphenol	ND	ND	760	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2,4-Dinitrophenol	ND	ND	1700	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2,4-Dinitrotoluene	ND	ND	1000	NA	50	NA	OK

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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2,6-Dinitrotoluene	ND	ND	1000	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2-Chloronaphthalene	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2-Chlorophenol	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2-Methylnaphthalene	67.0	68.0	34.0	1.48	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2-Methylphenol (o-Cresol)	ND	ND	1000	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2-Nitroaniline	ND	ND	1000	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	2-Nitrophenol	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	3,3'-Dichlorobenzidine	ND	ND	510	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	3-Nitroaniline	ND	ND	1000	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	4,6-Dinitro-2-Methylphenol	ND	ND	760	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	4-Bromophenyl phenyl ether	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	4-Chloro-3-Methylphenol	ND	ND	760	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	4-Chloroaniline	ND	ND	760	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	4-Chlorophenyl Phenyl Ether	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	4-Nitroaniline	ND	ND	1000	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	4-Nitrophenol	ND	ND	1700	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Acenaphthene	ND	ND	34.0	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Acenaphthylene	ND	ND	34.0	NA	50	NA	OK

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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Anthracene	ND	ND	34.0	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Benzo(a)anthracene	27.0	48.0	34.0	56.0	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Benzo(a)pyrene	33.0	49.0	34.0	39.0	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Benzo(b)fluoranthene	72.0	110	34.0	41.8	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Benzo(g,h,i)perylene	32.0	41.0	34.0	24.7	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Benzo(k)fluoranthene	20.0	30.0	34.0	40.0	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Benzoic acid	ND	ND	3300	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Benzyl alcohol	ND	ND	1700	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Benzyl butyl phthalate	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	bis(2-Chloroethoxy) Methane	ND	ND	510	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	510	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	bis(2-Chloroisopropyl) Ether	ND	ND	510	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	bis(2-Ethylhexyl) Phthalate	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Carbazole	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Chrysene	60.0	88.0	34.0	37.8	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Cresols, m & p	ND	ND	2000	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Di-n-Butyl Phthalate	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Di-n-Octylphthalate	ND	ND	250	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
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**Location**                      **Analysis**  
73-NLCT-DU1-SB1                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Dibenz(a,h)anthracene	ND	ND	34.0	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Dibenzofuran	22.0	22.0	250	0.00	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Diethyl Phthalate	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Dimethyl Phthalate	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Fluoranthene	66.0	98.0	34.0	39.0	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Fluorene	ND	ND	34.0	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Hexachlorobenzene	ND	ND	34.0	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Hexachlorobutadiene	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Hexachlorocyclopentadiene	ND	ND	1700	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Hexachloroethane	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Indeno(1,2,3-c,d)pyrene	23.0	33.0	34.0	35.7	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Isophorone	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	n-Nitrosodi-n-propylamine	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	n-Nitrosodiphenylamine	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Naphthalene	54.0	55.0	34.0	1.83	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Nitrobenzene	ND	ND	510	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Pentachlorophenol	ND	ND	760	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Phenanthrene	64.0	64.0	34.0	0.00	50	NA	OK

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Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Phenol	ND	ND	250	NA	50	NA	OK
Mar 27 2013	073SB-0028M-0001-SO / 073SB-0027M-0001-SO	240-22562-4 / 240-22562-3	Pyrene	55.0	80.0	34.0	37.0	50	NA	OK

**Location**                      **Analysis**  
 73-NLCT-MD-SD2              SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Aluminum	9600	8800	4.50	8.70	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Antimony	0.180	0.0720	0.300	85.7	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Arsenic	7.60	10.0	0.150	27.3	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Barium	180	180	1.50	0.00	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Beryllium	0.930	0.940	0.150	1.07	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Cadmium	0.890	0.790	0.150	11.9	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Calcium	12000	9800	15.0	20.2	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Chromium	9.40	8.20	0.300	13.6	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Cobalt	11.0	13.0	0.0760	16.7	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Copper	9.20	9.70	0.300	5.29	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Iron	17000	16000	7.60	6.06	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Lead	13.0	13.0	0.150	0.00	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Magnesium	2800	2400	15.0	15.4	50	OK	NA

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**Location**                      **Analysis**  
 73-NLCT-MD-SD2                SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Manganese	2300	2900	0.760	23.1	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Nickel	21.0	21.0	0.150	0.00	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Potassium	490	500	15.0	2.02	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Selenium	0.710	0.780	0.760	9.40	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Silver	0.0430	0.0390	0.150	9.76	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Sodium	80.0	93.0	15.0	15.0	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Thallium	0.110	0.130	0.150	16.7	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Vanadium	17.0	17.0	0.150	0.00	50	OK	NA
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Zinc	49.0	54.0	0.760	9.71	50	OK	NA

**Location**                      **Analysis**  
 73-NLCT-MD-SD2                SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Mercury	0.0350	0.0320	0.140	8.96	50	NA	OK

**Location**                      **Analysis**  
 73-NLCT-MD-SD2                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	1,2,4-Trichlorobenzene	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	1,2-Dichlorobenzene	ND	ND	75.0	NA	50	NA	OK

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**Location**                      **Analysis**  
 73-NLCT-MD-SD2                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	1,3-Dichlorobenzene	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	1,4-Dichlorobenzene	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2,4,5-Trichlorophenol	ND	ND	230	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2,4,6-Trichlorophenol	ND	ND	230	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2,4-Dichlorophenol	ND	ND	230	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2,4-Dimethylphenol	ND	ND	230	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2,4-Dinitrophenol	ND	ND	500	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2,4-Dinitrotoluene	ND	ND	300	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2,6-Dinitrotoluene	ND	ND	300	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2-Chloronaphthalene	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2-Chlorophenol	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2-Methylnaphthalene	ND	7.40	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2-Methylphenol (o-Cresol)	ND	ND	300	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2-Nitroaniline	ND	ND	300	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	2-Nitrophenol	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	3,3'-Dichlorobenzidine	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	3-Nitroaniline	ND	ND	300	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	4,6-Dinitro-2-Methylphenol	ND	ND	230	NA	50	NA	OK



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**Location**                      **Analysis**  
 73-NLCT-MD-SD2                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	4-Bromophenyl phenyl ether	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	4-Chloro-3-Methylphenol	ND	ND	230	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	4-Chloroaniline	ND	ND	230	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	4-Chlorophenyl Phenyl Ether	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	4-Nitroaniline	ND	ND	300	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	4-Nitrophenol	ND	ND	500	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Acenaphthene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Acenaphthylene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Anthracene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Benzo(a)anthracene	7.60	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Benzo(a)pyrene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Benzo(b)fluoranthene	8.20	10.0	10.0	19.8	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Benzo(g,h,i)perylene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Benzo(k)fluoranthene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Benzoic acid	ND	ND	990	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Benzyl alcohol	59.0	150	500	87.1	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Benzyl butyl phthalate	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	bis(2-Chloroethoxy) Methane	ND	ND	150	NA	50	NA	OK

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Location Analysis  
73-NLCT-MD-SD2 SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	bis(2-Chloroisopropyl) Ether	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	bis(2-Ethylhexyl) Phthalate	ND	ND	160	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Carbazole	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Chrysene	5.40	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Cresols, m & p	ND	ND	600	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Di-n-Butyl Phthalate	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Di-n-Octylphthalate	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Dibenz(a,h)anthracene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Dibenzofuran	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Diethyl Phthalate	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Dimethyl Phthalate	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Fluoranthene	11.0	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Fluorene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Hexachlorobenzene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Hexachlorobutadiene	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Hexachlorocyclopentadiene	ND	ND	500	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Hexachloroethane	ND	ND	75.0	NA	50	NA	OK

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**Location**                      **Analysis**  
 73-NLCT-MD-SD2                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Indeno(1,2,3-c,d)pyrene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Isophorone	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	n-Nitrosodi-n-propylamine	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	n-Nitrosodiphenylamine	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Naphthalene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Nitrobenzene	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Pentachlorophenol	ND	ND	230	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Phenanthrene	ND	ND	10.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Phenol	ND	ND	75.0	NA	50	NA	OK
Mar 28 2013	073SD-0047-0001-SD / 073SD-0048-0001-SD	240-22648-11 / 240-22648-12	Pyrene	8.30	8.20	10.0	1.21	50	NA	OK

**Location**                      **Analysis**  
 73-NLCT-MD-SW2                SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Aluminum	130	140	30.0	7.41	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Antimony	0.900	ND	2.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Arsenic	ND	0.660	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Barium	18.0	20.0	10.0	10.5	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Beryllium	ND	0.0570	1.00	NA	30	NA	OK

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**Location**                      **Analysis**  
 73-NLCT-MD-SW2                SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Cadmium	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Calcium	28000	28000	100	0.00	30	OK	NA
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Chromium	1.80	1.40	2.00	25.0	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Cobalt	ND	ND	0.500	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Copper	2.30	2.00	2.00	14.0	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Iron	650	840	50.0	25.5	30	OK	NA
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Lead	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Magnesium	6200	6200	100	0.00	30	OK	NA
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Manganese	160	200	5.00	22.2	30	OK	NA
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Nickel	0.320	0.330	1.00	3.08	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Potassium	1300	1300	100	0.00	30	OK	NA
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Selenium	ND	ND	5.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Silver	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Sodium	18000	18000	100	0.00	30	OK	NA
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Thallium	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Vanadium	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Zinc	3.20	3.10	5.00	3.17	30	NA	OK

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**Location**                      **Analysis**  
 73-NLCT-MD-SW2                SW7470A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Mercury	ND	ND	0.200	NA	30	NA	OK

**Location**                      **Analysis**  
 73-NLCT-MD-SW2                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	1,2,4-Trichlorobenzene	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	1,2-Dichlorobenzene	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	1,3-Dichlorobenzene	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	1,4-Dichlorobenzene	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2,4,5-Trichlorophenol	ND	ND	5.20	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2,4,6-Trichlorophenol	ND	ND	5.20	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2,4-Dichlorophenol	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2,4-Dimethylphenol	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2,4-Dinitrophenol	ND	ND	5.20	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2,4-Dinitrotoluene	ND	ND	5.20	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2,6-Dinitrotoluene	ND	ND	5.20	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2-Chloronaphthalene	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2-Chlorophenol	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2-Methylnaphthalene	ND	ND	0.210	NA	30	NA	OK

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**Location**                      **Analysis**  
73-NLCT-MD-SW2                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2-Methylphenol (o-Cresol)	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2-Nitroaniline	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	2-Nitrophenol	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	3,3'-Dichlorobenzidine	ND	ND	5.20	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	3-Nitroaniline	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	4,6-Dinitro-2-Methylphenol	ND	ND	5.20	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	4-Bromophenyl phenyl ether	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	4-Chloro-3-Methylphenol	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	4-Chloroaniline	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	4-Chlorophenyl Phenyl Ether	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	4-Nitroaniline	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	4-Nitrophenol	ND	ND	5.20	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Acenaphthene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Acenaphthylene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Anthracene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Benzo(a)anthracene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Benzo(a)pyrene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Benzo(b)fluoranthene	ND	ND	0.210	NA	30	NA	OK

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**Location**                      **Analysis**  
73-NLCT-MD-SW2                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Benzo(g,h,i)perylene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Benzo(k)fluoranthene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Benzoic acid	ND	ND	26.0	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Benzyl alcohol	ND	ND	5.20	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Benzyl butyl phthalate	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	bis(2-Chloroethoxy) Methane	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	bis(2-Chloroisopropyl) Ether	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	bis(2-Ethylhexyl) Phthalate	1.40	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Carbazole	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Chrysene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Cresols, m & p	ND	ND	2.10	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Di-n-Butyl Phthalate	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Di-n-Octylphthalate	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Dibenz(a,h)anthracene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Dibenzofuran	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Diethyl Phthalate	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Dimethyl Phthalate	ND	ND	1.00	NA	30	NA	OK

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**Location**                      **Analysis**  
 73-NLCT-MD-SW2                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Fluoranthene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Fluorene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Hexachlorobenzene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Hexachlorobutadiene	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Hexachlorocyclopentadiene	ND	ND	10.0	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Hexachloroethane	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Indeno(1,2,3-c,d)pyrene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Isophorone	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	n-Nitrosodi-n-propylamine	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	n-Nitrosodiphenylamine	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Naphthalene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Nitrobenzene	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Pentachlorophenol	ND	ND	5.20	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Phenanthrene	ND	ND	0.210	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Phenol	ND	ND	1.00	NA	30	NA	OK
Mar 28 2013	073SW-0058-0001-SW / 073SW-0059-0001-SW	240-22648-16 / 240-22648-17	Pyrene	ND	ND	0.210	NA	30	NA	OK



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**Location**                      **Analysis**  
 73-SCCT-DU1-SB                SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Aluminum	5500	5300	3.00	3.70	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Antimony	0.0470	ND	0.200	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Arsenic	7.30	6.60	0.100	10.1	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Barium	50.0	48.0	1.00	4.08	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Beryllium	0.380	0.360	0.100	5.41	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Cadmium	0.200	0.190	0.100	5.13	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Calcium	5500	2000	10.0	93.3	50	Out	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Chromium	9.60	8.80	0.200	8.70	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Cobalt	6.60	6.30	0.0500	4.65	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Copper	12.0	11.0	0.200	8.70	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Iron	14000	14000	5.00	0.00	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Lead	11.0	10.0	0.100	9.52	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Magnesium	1800	1600	10.0	11.8	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Manganese	360	400	0.500	10.5	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Nickel	15.0	14.0	0.100	6.90	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Potassium	560	540	10.0	3.64	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Selenium	0.250	0.260	0.500	3.92	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Silver	0.240	0.230	0.100	4.26	50	NA	OK

### Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant  
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**Location**                      **Analysis**

73-SCCT-DU1-SB                      SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Sodium	32.0	33.0	10.0	3.08	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Thallium	0.0910	0.0840	0.100	8.00	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Vanadium	9.80	9.30	0.100	5.24	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Zinc	43.0	42.0	0.500	2.35	50	OK	NA

**Location**                      **Analysis**

73-SCCT-DU1-SB                      SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Mercury	0.0300	0.0280	0.110	6.90	50	NA	OK

**Location**                      **Analysis**

73-SCCT-DU1-SB                      SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	1,2,4-Trichlorobenzene	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	1,2-Dichlorobenzene	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	1,3-Dichlorobenzene	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	1,4-Dichlorobenzene	28.0	24.0	50.0	15.4	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2,4,5-Trichlorophenol	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2,4,6-Trichlorophenol	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2,4-Dichlorophenol	ND	ND	150	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
Ravenna Army Ammunition Plant  
RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
73-SCCT-DU1-SB                  SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2,4-Dimethylphenol	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2,4-Dinitrophenol	ND	ND	330	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2,4-Dinitrotoluene	ND	ND	200	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2,6-Dinitrotoluene	ND	ND	200	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2-Chloronaphthalene	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2-Chlorophenol	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2-Methylnaphthalene	60.0	36.0	6.60	50.0	50		NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2-Methylphenol (o-Cresol)	ND	ND	200	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2-Nitroaniline	ND	ND	200	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	2-Nitrophenol	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	3,3'-Dichlorobenzidine	ND	ND	100	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	3-Nitroaniline	ND	ND	200	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	4,6-Dinitro-2-Methylphenol	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	4-Bromophenyl phenyl ether	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	4-Chloro-3-Methylphenol	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	4-Chloroaniline	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	4-Chlorophenyl Phenyl Ether	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	4-Nitroaniline	ND	ND	200	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
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**Location**                      **Analysis**  
73-SCCT-DU1-SB                      SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	4-Nitrophenol	ND	ND	330	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Acenaphthene	ND	ND	6.60	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Acenaphthylene	9.40	4.80	6.60	64.8	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Anthracene	16.0	25.0	6.60	43.9	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Benzo(a)anthracene	77.0	70.0	6.60	9.52	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Benzo(a)pyrene	62.0	58.0	6.60	6.67	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Benzo(b)fluoranthene	110	85.0	6.60	25.6	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Benzo(g,h,i)perylene	38.0	32.0	6.60	17.1	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Benzo(k)fluoranthene	27.0	31.0	6.60	13.8	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Benzoic acid	ND	ND	660	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Benzyl alcohol	ND	37.0	330	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Benzyl butyl phthalate	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	bis(2-Chloroethoxy) Methane	ND	ND	100	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	100	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	bis(2-Chloroisopropyl) Ether	ND	ND	100	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	bis(2-Ethylhexyl) Phthalate	ND	ND	89.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Carbazole	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Chrysene	77.0	67.0	6.60	13.9	50	OK	NA

**Field Duplicate Report By Event and Site**  
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**Location**                      **Analysis**  
73-SCCT-DU1-SB                      SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Cresols, m & p	ND	ND	400	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Di-n-Butyl Phthalate	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Di-n-Octylphthalate	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Dibenz(a,h)anthracene	ND	ND	6.60	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Dibenzofuran	14.0	11.0	50.0	24.0	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Diethyl Phthalate	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Dimethyl Phthalate	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Fluoranthene	130	150	6.60	14.3	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Fluorene	5.90	9.60	6.60	47.7	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Hexachlorobenzene	ND	ND	6.60	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Hexachlorobutadiene	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Hexachlorocyclopentadiene	ND	ND	330	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Hexachloroethane	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Indeno(1,2,3-c,d)pyrene	33.0	31.0	6.60	6.25	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Isophorone	18.0	23.0	50.0	24.4	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	n-Nitrosodi-n-propylamine	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	n-Nitrosodiphenylamine	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Naphthalene	51.0	34.0	6.60	40.0	50	OK	NA

**Field Duplicate Report By Event and Site**  
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**Location**                      **Analysis**  
 73-SCCT-DU1-SB                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Nitrobenzene	ND	ND	100	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Pentachlorophenol	ND	ND	150	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Phenanthrene	62.0	87.0	6.60	33.6	50	OK	NA
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Phenol	ND	ND	50.0	NA	50	NA	OK
Mar 28 2013	073SB-0016M-0001-SO / 073SB-0017M-0001-SO	240-22648-1 / 240-22648-2	Pyrene	100	120	6.60	18.2	50	OK	NA

**Location**                      **Analysis**  
 73-U16-DU1-SB1                SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Aluminum	6800	7000	2.80	2.90	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Antimony	0.0670	0.0550	0.190	19.7	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Arsenic	19.0	15.0	0.0930	23.5	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Barium	32.0	34.0	0.930	6.06	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Beryllium	0.350	0.400	0.0930	13.3	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Cadmium	0.190	0.190	0.0930	0.00	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Calcium	640	710	9.30	10.4	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Chromium	10.0	10.0	0.190	0.00	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Cobalt	8.70	8.70	0.0460	0.00	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Copper	20.0	19.0	0.190	5.13	50	OK	NA

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Ravenna Army Ammunition Plant  
RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
73-U16-DU1-SB1                      SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Iron	22000	24000	4.60	8.70	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Lead	17.0	16.0	0.0930	6.06	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Magnesium	2100	2200	9.30	4.65	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Manganese	460	460	0.460	0.00	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Nickel	21.0	21.0	0.0930	0.00	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Potassium	1000	970	9.30	3.05	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Selenium	0.280	0.260	0.460	7.41	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Silver	0.0220	0.0210	0.0930	4.65	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Sodium	40.0	35.0	9.30	13.3	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Thallium	0.150	0.140	0.0930	6.90	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Vanadium	11.0	12.0	0.0930	8.70	50	OK	NA
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Zinc	64.0	62.0	0.460	3.17	50	OK	NA

**Location**                      **Analysis**  
73-U16-DU1-SB1                      SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Mercury	0.0180	0.0200	0.110	10.5	50	NA	OK

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 Ravenna Army Ammunition Plant  
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**Location**                      **Analysis**  
 73-U16-DU1-SB1                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	1,2,4-Trichlorobenzene	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	1,2-Dichlorobenzene	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	1,3-Dichlorobenzene	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	1,4-Dichlorobenzene	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2,4,5-Trichlorophenol	ND	ND	1500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2,4,6-Trichlorophenol	ND	ND	1500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2,4-Dichlorophenol	ND	ND	1500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2,4-Dimethylphenol	ND	ND	1500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2,4-Dinitrophenol	ND	ND	3300	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2,4-Dinitrotoluene	ND	ND	2000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2,6-Dinitrotoluene	ND	ND	2000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2-Chloronaphthalene	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2-Chlorophenol	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2-Methylnaphthalene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2-Methylphenol (o-Cresol)	ND	ND	2000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	2-Nitrophenol	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	3,3'-Dichlorobenzidine	ND	ND	1000	NA	50	NA	OK



**Field Duplicate Report By Event and Site**  
 Ravenna Army Ammunition Plant  
 RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
 73-U16-DU1-SB1                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	3-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	4,6-Dinitro-2-Methylphenol	ND	ND	1500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	4-Bromophenyl phenyl ether	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	4-Chloro-3-Methylphenol	ND	ND	1500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	4-Chloroaniline	ND	ND	1500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	4-Chlorophenyl Phenyl Ether	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	4-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	4-Nitrophenol	ND	ND	3300	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Acenaphthene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Acenaphthylene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Anthracene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Benzo(a)anthracene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Benzo(a)pyrene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Benzo(b)fluoranthene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Benzo(g,h,i)perylene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Benzo(k)fluoranthene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Benzoic acid	ND	ND	6700	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Benzyl alcohol	ND	ND	3300	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
Ravenna Army Ammunition Plant  
RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
73-U16-DU1-SB1                      SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Benzyl butyl phthalate	ND	ND	710	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	bis(2-Chloroethoxy) Methane	ND	ND	1000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	1000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	bis(2-Chloroisopropyl) Ether	ND	ND	1000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	bis(2-Ethylhexyl) Phthalate	ND	ND	710	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Carbazole	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Chrysene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Cresols, m & p	ND	ND	4000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Di-n-Butyl Phthalate	ND	ND	710	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Di-n-Octylphthalate	ND	ND	710	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Dibenz(a,h)anthracene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Dibenzofuran	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Diethyl Phthalate	ND	ND	710	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Dimethyl Phthalate	ND	ND	710	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Fluoranthene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Fluorene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Hexachlorobenzene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Hexachlorobutadiene	ND	ND	500	NA	50	NA	OK

## Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant  
RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
73-U16-DU1-SB1                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Hexachlorocyclopentadiene	ND	ND	3300	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Hexachloroethane	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Indeno(1,2,3-c,d)pyrene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Isophorone	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	n-Nitrosodi-n-propylamine	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	n-Nitrosodiphenylamine	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Naphthalene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Nitrobenzene	ND	ND	1000	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Pentachlorophenol	ND	ND	1500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Phenanthrene	ND	ND	67.0	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Phenol	ND	ND	500	NA	50	NA	OK
Apr 1 2013	073SB-0038M-0001-SO / 073SB-0039M-0001-SO	240-22663-14 / 240-22663-15	Pyrene	ND	ND	67.0	NA	50	NA	OK

FD = Field Duplicate  
RL = Reporting Limit  
RPD = Relative Percent Difference

RL Check = If either the primary sample or field duplicate result is less than 5 times the RL then the criteria used to determine if the field duplicate is outside QC limits is +/- RL for Water and +/- 2 times RL for Soil

**Field Duplicate Report By Event and Site**  
 Ravenna Army Ammunition Plant  
 RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
 68-FBDD-DU3-SS                E353.2

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Nitrocellulose	0.880	ND	4.80	NA	40	NA	OK

**Location**                      **Analysis**  
 68-FBDD-DU3-SS                SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Aluminum	13000	16000	8.50	20.7	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Antimony	2.16	ND	0.850	NA	50	NA	2.16
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Arsenic	12.0	11.0	0.430	8.70	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Barium	90.5	83.0	2.10	8.65	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Beryllium	0.870	0.830	0.0850	4.71	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Cadmium	0.120	0.100	0.170	18.2	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Calcium	3900	3900	170	0.00	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Chromium	22.0	24.0	0.430	8.70	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Cobalt	13.0	11.0	0.0850	16.7	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Copper	18.0	22.0	0.340	20.0	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Iron	29800	29000	210	2.72	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Lead	26.3	16.0	1.30	48.7	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Magnesium	3700	4500	85.0	19.5	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Manganese	386	280	2.10	31.8	50	OK	NA

## Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant  
RVAAP, QAPP Oct. 2012

**Location Analysis**

68-FBDD-DU3-SS SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Nickel	28.0	33.0	0.430	16.4	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Potassium	1200	1600	85.0	28.6	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Selenium	0.570	0.560	0.430	1.77	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Silver	0.0290	0.0300	0.0850	3.39	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Sodium	52.0	72.0	85.0	32.3	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Thallium	7.97	0.260	0.850	187	50	NA	7.71
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Vanadium	21.0	24.0	0.430	13.3	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Zinc	63.0	74.0	3.40	16.1	50	NA	11

**Location Analysis**

68-FBDD-DU3-SS SW7471A

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Mercury	ND	ND	0.0980	NA	50	NA	OK

**Location Analysis**

68-FBDD-DU3-SS SW8081

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Aldrin	ND	ND	40.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	alpha-BHC (alpha-Hexachlorocyclohexane)	ND	ND	25.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	alpha-Chlordane	ND	ND	30.0	NA	50	NA	OK

## Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant  
RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
68-FBDD-DU3-SS                SW8081

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	alpha-Endosulfan	ND	ND	17.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	beta-BHC (beta-Hexachlorocyclohexane)	ND	ND	35.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	beta-Endosulfan	ND	ND	25.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	delta-BHC (delta-Hexachlorocyclohexane)	ND	ND	40.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Dieldrin	ND	ND	17.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Endosulfan Sulfate	ND	ND	30.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Endrin	ND	ND	17.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Endrin Aldehyde	ND	ND	30.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Endrin Ketone	ND	ND	20.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	gamma-BHC (Lindane)	ND	ND	25.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	gamma-Chlordane	ND	ND	17.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Heptachlor	ND	ND	35.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Heptachlor Epoxide	ND	ND	25.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Methoxychlor	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	p,p'-DDD	ND	ND	20.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	p,p'-DDE	ND	ND	17.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	p,p'-DDT	ND	ND	20.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Toxaphene	ND	ND	670	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
 Ravenna Army Ammunition Plant  
 RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
 68-FBDD-DU3-SS                SW8082

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	PCB-1016 (Arochlor 1016)	ND	ND	65.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	PCB-1221 (Arochlor 1221)	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	PCB-1232 (Arochlor 1232)	ND	ND	45.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	PCB-1242 (Arochlor 1242)	ND	ND	40.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	PCB-1248 (Arochlor 1248)	ND	ND	55.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	PCB-1254 (Arochlor 1254)	ND	ND	55.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	PCB-1260 (Arochlor 1260)	ND	ND	55.0	NA	50	NA	OK

**Location**                      **Analysis**  
 68-FBDD-DU3-SS                SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,1,1-Trichloroethane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,1,2,2-Tetrachloroethane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,1,2-Trichloroethane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,1-Dichloroethane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,1-Dichloroethene	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,2-Dibromoethane (EDB)	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,2-Dichloroethane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,2-Dichloroethene	ND	ND	8.00	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
 Ravenna Army Ammunition Plant  
 RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
 68-FBDD-DU3-SS                SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,2-Dichloropropane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2-Butanone (MEK)	ND	ND	16.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2-Hexanone	ND	ND	16.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	4-Methyl-2-pentanone (MIBK)	ND	ND	16.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Acetone	ND	ND	16.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Benzene	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Bromochloromethane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Bromodichloromethane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Bromoform	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Bromomethane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Carbon Disulfide	0.690	0.660	4.00	4.44	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Carbon Tetrachloride	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Chlorobenzene	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Chloroethane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Chloroform	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Chloromethane	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	cis-1,3-Dichloropropene	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Dibromochloromethane	ND	ND	4.00	NA	50	NA	OK



**Field Duplicate Report By Event and Site**  
 Ravenna Army Ammunition Plant  
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**Location**                      **Analysis**  
 68-FBDD-DU3-SS                SW8260B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Ethylbenzene	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Methylene Chloride	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Styrene	ND	0.140	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Tetrachloroethene (PCE)	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Toluene	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	trans-1,3-Dichloropropene	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Trichloroethene (TCE)	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Vinyl Chloride	ND	ND	4.00	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Xylenes, Total	ND	ND	8.00	NA	50	NA	OK

**Location**                      **Analysis**  
 68-FBDD-DU3-SS                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,2,4-Trichlorobenzene	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,2-Dichlorobenzene	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,3-Dichlorobenzene	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,4-Dichlorobenzene	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2,4,5-Trichlorophenol	ND	ND	150	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2,4,6-Trichlorophenol	ND	ND	150	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
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**Location**                      **Analysis**  
68-FBDD-DU3-SS                      SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2,4-Dichlorophenol	ND	ND	150	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2,4-Dimethylphenol	ND	ND	150	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2,4-Dinitrophenol	ND	ND	330	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2,4-Dinitrotoluene	ND	ND	200	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2,6-Dinitrotoluene	ND	ND	200	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2-Chloronaphthalene	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2-Chlorophenol	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2-Methylnaphthalene	30.0	23.0	6.70	26.4	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2-Methylphenol (o-Cresol)	ND	ND	200	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2-Nitroaniline	ND	ND	200	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2-Nitrophenol	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	3,3'-Dichlorobenzidine	ND	ND	100	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	3-Nitroaniline	ND	ND	200	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	4,6-Dinitro-2-Methylphenol	ND	ND	150	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	4-Bromophenyl phenyl ether	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	4-Chloro-3-Methylphenol	ND	ND	150	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	4-Chloroaniline	ND	ND	150	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	4-Chlorophenyl Phenyl Ether	ND	ND	50.0	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
Ravenna Army Ammunition Plant  
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**Location**                      **Analysis**  
68-FBDD-DU3-SS                  SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	4-Nitroaniline	ND	ND	200	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	4-Nitrophenol	ND	ND	330	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Acenaphthene	17.0	ND	6.70	NA	50	NA	17
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Acenaphthylene	9.20	ND	6.70	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Anthracene	48.0	28.0	6.70	52.6	50	NA	20
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Benzo(a)anthracene	270	190	6.70	34.8	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Benzo(a)pyrene	330	250	6.70	27.6	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Benzo(b)fluoranthene	520	390	6.70	28.6	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Benzo(g,h,i)perylene	260	130	6.70	66.7	50	NA	130
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Benzo(k)fluoranthene	180	100	6.70	57.1	50	NA	80
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Benzoic acid	ND	ND	660	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Benzyl alcohol	448	ND	330	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Benzyl butyl phthalate	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	bis(2-Chloroethoxy) Methane	ND	ND	100	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	100	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	bis(2-Chloroisopropyl) Ether	ND	ND	100	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	bis(2-Ethylhexyl) Phthalate	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Carbazole	44.0	ND	50.0	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
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**Location**                      **Analysis**  
68-FBDD-DU3-SS                      SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Chrysene	340	230	6.70	38.6	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Cresols, m & p	ND	ND	400	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Di-n-Butyl Phthalate	19.0	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Di-n-Octylphthalate	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Dibenz(a,h)anthracene	57.0	ND	6.70	NA	50	NA	57
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Dibenzofuran	15.0	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Diethyl Phthalate	22.0	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Dimethyl Phthalate	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Fluoranthene	650	410	6.70	45.3	50	OK	NA
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Fluorene	16.0	ND	6.70	NA	50	NA	16
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Hexachlorobenzene	ND	ND	6.70	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Hexachlorobutadiene	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Hexachlorocyclopentadiene	ND	ND	330	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Hexachloroethane	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Indeno(1,2,3-c,d)pyrene	220	140	6.70	44.4	50	NA	80
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Isophorone	16.0	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	n-Nitrosodi-n-propylamine	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	n-Nitrosodiphenylamine	ND	ND	50.0	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
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 RVAAP, QAPP Oct. 2012

**Location**                      **Analysis**  
 68-FBDD-DU3-SS                SW8270C

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Naphthalene	24.0	ND	6.70	NA	50	NA	24
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Nitrobenzene	ND	ND	100	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Pentachlorophenol	ND	ND	150	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Phenanthrene	250	150	6.70	50.0	50	NA	100
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Phenol	ND	ND	50.0	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Pyrene	480	310	6.70	43.0	50	OK	NA

**Location**                      **Analysis**  
 68-FBDD-DU3-SS                SW8330B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,3,5-Trinitrobenzene	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	1,3-Dinitrobenzene	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2,4,6-Trinitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2,4-Dinitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2,6-Dinitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2-Amino-4,6-dinitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	2-Nitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	3-Nitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	4-Amino-2,6-Dinitrotoluene	ND	ND	0.250	NA	50	NA	OK

**Field Duplicate Report By Event and Site**  
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**Location**                      **Analysis**  
 68-FBDD-DU3-SS                SW8330B

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	4-Nitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Nitrobenzene	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Nitroglycerin	ND	ND	0.500	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	ND	ND	0.250	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Pentaerythritol Tetranitrate	ND	ND	0.500	NA	50	NA	OK
Nov 6 2012	068SS-0003M-0001-SO / 068SS-0004M-0001-SO	240-17317-7 / 240-17317-8	Tetryl	0.0310	0.0390	0.250	22.9	50	NA	OK

**Location**                      **Analysis**  
 68-SS3-SD                        SW6020

Sample Date	Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Criteria	RPD Check	RL Check
Nov 8 2012	068SD-0009-0001-SO / 068SD-00010-0001-SO	240-17422-9 / 240-17422-10	Aluminum	12000	13000	9.60	8.00	50	OK	NA
Nov 8 2012	068SD-0009-0001-SO / 068SD-00010-0001-SO	240-17422-9 / 240-17422-10	Antimony	0.130	0.130	0.190	0.00	50	NA	OK
Nov 8 2012	068SD-0009-0001-SO / 068SD-00010-0001-SO	240-17422-9 / 240-17422-10	Arsenic	16.0	16.0	0.480	0.00	50	OK	NA
Nov 8 2012	068SD-0009-0001-SO / 068SD-00010-0001-SO	240-17422-9 / 240-17422-10	Barium	78.0	75.0	0.480	3.92	50	OK	NA
Nov 8 2012	068SD-0009-0001-SO / 068SD-00010-0001-SO	240-17422-9 / 240-17422-10	Beryllium	0.760	0.740	0.0960	2.67	50	OK	NA
Nov 8 2012	068SD-0009-0001-SO / 068SD-00010-0001-SO	240-17422-9 / 240-17422-10	Cadmium	0.610	0.490	0.190	21.8	50	NA	OK
Nov 8 2012	068SD-0009-0001-SO / 068SD-00010-0001-SO	240-17422-9 / 240-17422-10	Calcium	1500	1200	190	22.2	50	OK	NA
Nov 8 2012	068SD-0009-0001-SO / 068SD-00010-0001-SO	240-17422-9 / 240-17422-10	Chromium	21.0	22.0	0.480	4.65	50	OK	NA

**ATTACHMENT A**

**Field Blank Quality Control – Trip Blanks and Equipment Rinse  
Blanks**

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## Trip Blank

### Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

	TB-1	TB-3	TB-4	TB-5	QC TB-1 / QC TB-3	QC TB-5
Locations:	73-NLCT-DU1-SS	73-NLCT-DU1-SB5	73-NLCT-DW-SW3	68-ESSW-DU1-SB4	70-4744-DU1-SB6	76-A3-DU1-SB4
Field Sample ID:	073SS-0006-0001-TB	073SB-0034-0001-TB	073SW-0057-0001-TB	068SB-0026-0001-TB	070-0060-0001-TB	079-0008-0001-TB
Sample Begin Depth:	240-17422-16	0	0	0	0	0
Sample End Depth:	TAM0	0	0	0	0	0
Sample Date:	11/18/2012	03/28/2013	03/29/2013	04/01/2013	12/12/2012	11/15/2012
Volatile Organic Compounds by Capillary GC/MS						
1,1,1-Trichloroethane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1,2-Trichloroethane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,1-Dichloroethene (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dibromoethane (EDB) (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
1,2-Dichloroethene (UG/L)	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U
1,2-Dichloropropane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
2-Butanone (MEK) (UG/L)	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
2-Hexanone (UG/L)	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
4-Methyl-2-pentanone (MIBK) (UG/L)	10 U	10.0 U	10.0 U	10.0 U	10.0 U	10.0 U
Acetone (UG/L)	10 U	<b>8.0 J</b>	<b>7.0 J</b>	<b>6.2 J</b>	10.0 U	10.0 UJ
Benzene (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromochloromethane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromodichloromethane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromoform (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Bromomethane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Disulfide (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Carbon Tetrachloride (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chlorobenzene (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroethane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Chloroform (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	<b>0.32 J</b>	1.0 U
Chloromethane (UG/L)	<b>0.30 J</b>	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
cis-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Dibromochloromethane (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Ethylbenzene (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Methylene Chloride (UG/L)	1.0 U	<b>1.1</b>	<b>1.2</b>	<b>1.2</b>	1.0 U	1.0 U
Styrene (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 UJ
tert-Butyl Methyl Ether (MTBE) (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Tetrachloroethene (PCE) (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Toluene (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
trans-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Trichloroethene (TCE) (UG/L)	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Vinyl Chloride (UG/L)	2.0 U	1.0 U	1.0 U	1.0 U	1.0 U	1.0 U
Xylenes, Total (UG/L)	1.0 U	2.0 U	2.0 U	2.0 U	2.0 U	2.0 U

## Trip Blank

### Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

	QC TB-7	QC TB-10
Locations:	76-A3-DU1-SB4	79-OSP-DU3-SW2
Field Sample ID:	076-0068-0001-TB	079-0318-0001-TB
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Volatile Organic Compounds by Capillary GC/MS		
1,1,1-Trichloroethane (UG/L)	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane (UG/L)	1.0 U	1.0 U
1,1,2-Trichloroethane (UG/L)	1.0 U	1.0 U
1,1-Dichloroethane (UG/L)	1.0 U	1.0 U
1,1-Dichloroethene (UG/L)	1.0 U	1.0 U
1,2-Dibromoethane (EDB) (UG/L)	1.0 U	1.0 U
1,2-Dichloroethane (UG/L)	1.0 U	1.0 U
1,2-Dichloroethene (UG/L)	2.0 U	2.0 U
1,2-Dichloropropane (UG/L)	1.0 U	1.0 U
2-Butanone (MEK) (UG/L)	10.0 U	10.0 U
2-Hexanone (UG/L)	10.0 U	10.0 U
4-Methyl-2-pentanone (MIBK) (UG/L)	10.0 U	10.0 U
Acetone (UG/L)	10.0 UJ	5.1 J
Benzene (UG/L)	1.0 U	1.0 U
Bromochloromethane (UG/L)	1.0 U	1.0 U
Bromodichloromethane (UG/L)	1.0 U	1.0 U
Bromoform (UG/L)	1.0 U	1.0 U
Bromomethane (UG/L)	1.0 U	1.0 U
Carbon Disulfide (UG/L)	1.0 U	1.0 U
Carbon Tetrachloride (UG/L)	1.0 U	1.0 U
Chlorobenzene (UG/L)	1.0 U	1.0 U
Chloroethane (UG/L)	1.0 U	1.0 U
Chloroform (UG/L)	1.0 U	1.0 U
Chloromethane (UG/L)	1.0 U	1.0 U
cis-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U
Dibromochloromethane (UG/L)	1.0 U	1.0 U
Ethylbenzene (UG/L)	1.0 U	1.0 U
Methylene Chloride (UG/L)	1.0 U	1.1
Styrene (UG/L)	1.0 UJ	1.0 U
tert-Butyl Methyl Ether (MTBE) (UG/L)	1.0 U	1.0 U
Tetrachloroethene (PCE) (UG/L)	1.0 U	1.0 U
Toluene (UG/L)	1.0 U	1.0 U
trans-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U
Trichloroethene (TCE) (UG/L)	1.0 U	1.0 U
Vinyl Chloride (UG/L)	1.0 U	1.0 U
Xylenes, Total (UG/L)	2.0 U	2.0 U

**Trip Blank**  
**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan. Oct. 3. 2012

	QC TB-2 / QC TB-4	QC TB-6
Locations:	70-4744-DU1-SB6	79-LL3-DU1-SB3
Field Sample ID:	070SB-0005-0001-TB	079-0009-0001-TB
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	03/14/2013
Modified SW8015 for the Determination of Gasoline Range Organics in Soil and Water, GC/FID		
Petroleum Hydrocarbons C6-C12 (UG/L)	37.0 J	100 U

## Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant,  
Quality Assurance Project Plan, Oct.  
3, 2012  
Ravenna Army Ammunition Plant

Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013

### Volatiles Organic Compounds by Capillary GC/MS

1,1,1-Trichloroethane (UG/L)	1.0 U	1.0 U
1,1,2,2-Tetrachloroethane (UG/L)	1.0 U	1.0 U
1,1,2-Trichloroethane (UG/L)	1.0 U	1.0 U
1,1-Dichloroethane (UG/L)	1.0 U	1.0 U
1,1-Dichloroethene (UG/L)	1.0 U	1.0 U
1,2-Dibromoethane (EDB) (UG/L)	1.0 U	1.0 U
1,2-Dichloroethane (UG/L)	1.0 U	1.0 U
1,2-Dichloroethene (UG/L)	2.0 U	2.0 U
1,2-Dichloropropane (UG/L)	1.0 U	1.0 U
2-Butanone (MEK) (UG/L)	10.0 U	10.0 U
2-Hexanone (UG/L)	10.0 U	10.0 U
4-Methyl-2-pentanone (MIBK) (UG/L)	10.0 U	10.0 U
Acetone (UG/L)	10.0 UJ	10.0 UJ
Benzene (UG/L)	1.0 U	1.0 U
Bromochloromethane (UG/L)	1.0 U	1.0 U
Bromodichloromethane (UG/L)	1.0 U	1.0 U
Bromoform (UG/L)	1.0 U	1.0 U
Bromomethane (UG/L)	1.0 U	1.0 U
Carbon Disulfide (UG/L)	1.0 U	1.0 U
Carbon Tetrachloride (UG/L)	1.0 U	1.0 U
Chlorobenzene (UG/L)	1.0 U	1.0 U
Chloroethane (UG/L)	1.0 U	1.0 U
Chloroform (UG/L)	<b>0.61 J</b>	<b>0.34 J</b>
Chloromethane (UG/L)	1.0 U	1.0 U
cis-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U
Dibromochloromethane (UG/L)	1.0 U	1.0 U
Ethylbenzene (UG/L)	1.0 U	1.0 U

**Equipment Blank  
Chemistry Results**

Ravenna Army Ammunition Plant,  
Quality Assurance Project Plan, Oct.  
3, 2012  
Ravenna Army Ammunition Plant

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Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013

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Volatile Organic Compounds by Capillary  
GC/MS

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Methylene Chloride (UG/L)	1.0 U	1.0 U
Styrene (UG/L)	1.0 UJ	1.0 U
tert-Butyl Methyl Ether (MTBE) (UG/L)	1.0 U	1.0 U
Tetrachloroethene (PCE) (UG/L)	1.0 U	1.0 U
Toluene (UG/L)	1.0 U	1.0 U
trans-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U
Trichloroethene (TCE) (UG/L)	1.0 U	1.0 U
Vinyl Chloride (UG/L)	1.0 U	1.0 U
Xylenes, Total (UG/L)	2.0 U	2.0 U

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**Equipment Blank  
Chemistry Results**

Ravenna Army Ammunition Plant,  
Quality Assurance Project Plan,  
Oct. 3, 2012  
Ravenna Army Ammunition Plant

Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Trace Metals by Inductively Coupled Plasma/Mass Spectrometry		
Aluminum (UG/L)	60.0 U	30.0 U
Antimony (UG/L)	<b>0.34 J</b>	2.0 U
Arsenic (UG/L)	5.0 U	1.0 U
Barium (UG/L)	5.0 U	10.0 U
Beryllium (UG/L)	1.0 U	1.0 U
Cadmium (UG/L)	2.0 U	1.0 U
Calcium (UG/L)	2000 U	100 U
Chromium (UG/L)	<b>0.60 J</b>	<b>3.2</b>
Cobalt (UG/L)	1.0 U	0.50 U
Copper (UG/L)	4.0 U	<b>0.41 J</b>
Iron (UG/L)	150 U	50.0 U
Lead (UG/L)	1.0 U	1.0 U
Magnesium (UG/L)	1000 U	100 U
Manganese (UG/L)	<b>3.5 J</b>	5.0 U
Nickel (UG/L)	<b>20.0</b>	<b>5.9</b>
Potassium (UG/L)	1000 U	100 U
Selenium (UG/L)	5.0 U	5.0 U
Silver (UG/L)	1.0 U	1.0 U
Sodium (UG/L)	1000 U	<b>65.0 J</b>
Thallium (UG/L)	<b>0.75 J</b>	1.0 U
Vanadium (UG/L)	5.0 U	1.0 U
Zinc (UG/L)	<b>10.0 J</b>	<b>3.2 J</b>

**Equipment Blank  
Chemistry Results**

Ravenna Army Ammunition Plant,  
Quality Assurance Project Plan, Oct.  
3, 2012  
Ravenna Army Ammunition Plant

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Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Mercury in Water (Manual Cold-Vapor Technique)		
Mercury (UG/L)	0.20 U	0.20 U

**Equipment Blank  
Chemistry Results**

Ravenna Army Ammunition Plant,  
Quality Assurance Project Plan, Oct.  
3, 2012  
Ravenna Army Ammunition Plant

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Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Polychlorinated Biphenyls (PCB) by Capillary GC		
PCB-1016 (Arochlor 1016) (UG/L)	0.48 U	0.50 U
PCB-1221 (Arochlor 1221) (UG/L)	0.48 U	0.50 U
PCB-1232 (Arochlor 1232) (UG/L)	0.48 U	0.50 U
PCB-1242 (Arochlor 1242) (UG/L)	0.48 U	0.50 U
PCB-1248 (Arochlor 1248) (UG/L)	0.48 U	0.50 U
PCB-1254 (Arochlor 1254) (UG/L)	0.48 U	0.50 U
PCB-1260 (Arochlor 1260) (UG/L)	0.48 U	0.50 U

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## Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality  
Assurance Project Plan, Oct. 3, 2012  
Ravenna Army Ammunition Plant

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Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Organochlorine Pesticides by Capillary GC		
Aldrin (UG/L)	0.048 U	0.050 U
alpha-BHC (alpha-Hexachlorocyclohexane) (UG/L)	0.048 U	0.050 U
alpha-Chlordane (UG/L)	0.048 U	0.050 U
alpha-Endosulfan (UG/L)	0.048 U	0.050 U
beta-BHC (beta-Hexachlorocyclohexane) (UG/L)	0.048 U	0.050 U
beta-Endosulfan (UG/L)	0.048 U	0.050 U
delta-BHC (delta-Hexachlorocyclohexane) (UG/L)	0.048 U	0.050 U
Dieldrin (UG/L)	0.048 U	0.050 U
Endosulfan Sulfate (UG/L)	0.048 U	0.050 U
Endrin (UG/L)	0.048 U	0.050 U
Endrin Aldehyde (UG/L)	0.048 U	0.050 U
Endrin Ketone (UG/L)	0.048 U	0.050 U
gamma-BHC (Lindane) (UG/L)	0.048 U	0.050 U
gamma-Chlordane (UG/L)	0.048 U	0.050 U
Heptachlor (UG/L)	0.048 U	0.050 U
Heptachlor Epoxide (UG/L)	0.048 U	0.050 U
Methoxychlor (UG/L)	0.096 U	0.10 UJ
p,p'-DDD (UG/L)	0.048 U	0.050 U
p,p'-DDE (UG/L)	0.048 U	0.050 U
p,p'-DDT (UG/L)	0.048 U	0.050 U
Toxaphene (UG/L)	1.9 U	2.0 UJ

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## Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality  
Assurance Project Plan, Oct. 3, 2012  
Ravenna Army Ammunition Plant

Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Semivolatile Organic Compounds by Capillary GC/MS		
1,2,4-Trichlorobenzene (UG/L)	0.97 U	1.1 U
1,2-Dichlorobenzene (UG/L)	0.97 U	1.1 U
1,3-Dichlorobenzene (UG/L)	0.97 U	1.1 U
1,4-Dichlorobenzene (UG/L)	0.97 U	1.1 U
2,4,5-Trichlorophenol (UG/L)	4.9 U	5.3 U
2,4,6-Trichlorophenol (UG/L)	4.9 U	5.3 U
2,4-Dichlorophenol (UG/L)	1.9 U	2.1 U
2,4-Dimethylphenol (UG/L)	1.9 U	2.1 U
2,4-Dinitrophenol (UG/L)	4.9 U	5.3 U
2,4-Dinitrotoluene (UG/L)	4.9 U	5.3 U
2,6-Dinitrotoluene (UG/L)	4.9 U	5.3 U
2-Chloronaphthalene (UG/L)	0.97 U	1.1 U
2-Chlorophenol (UG/L)	0.97 U	1.1 U
2-Methylnaphthalene (UG/L)	0.19 U	0.21 U
2-Methylphenol (o-Cresol) (UG/L)	0.97 U	1.1 U
2-Nitroaniline (UG/L)	1.9 U	2.1 U
2-Nitrophenol (UG/L)	1.9 U	2.1 U
3,3'-Dichlorobenzidine (UG/L)	4.9 UJ	5.3 U
3-Nitroaniline (UG/L)	1.9 U	2.1 U
4,6-Dinitro-2-Methylphenol (UG/L)	4.9 U	5.3 U
4-Bromophenyl phenyl ether (UG/L)	1.9 U	2.1 U
4-Chloro-3-Methylphenol (UG/L)	1.9 U	2.1 U
4-Chloroaniline (UG/L)	1.9 U	2.1 U
4-Chlorophenyl Phenyl Ether (UG/L)	1.9 U	2.1 U
4-Nitroaniline (UG/L)	1.9 U	2.1 U
4-Nitrophenol (UG/L)	4.9 U	5.3 U
Acenaphthene (UG/L)	0.19 U	0.21 U
Acenaphthylene (UG/L)	0.19 U	0.21 U

## Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality  
Assurance Project Plan, Oct. 3, 2012  
Ravenna Army Ammunition Plant

Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Semivolatile Organic Compounds by Capillary GC/MS		
Anthracene (UG/L)	0.19 U	0.21 U
Benzo(a)anthracene (UG/L)	0.19 U	0.21 U
Benzo(a)pyrene (UG/L)	0.19 U	0.21 U
Benzo(b)fluoranthene (UG/L)	0.19 U	0.21 U
Benzo(g,h,i)perylene (UG/L)	0.19 U	0.21 U
Benzo(k)fluoranthene (UG/L)	0.19 U	0.21 U
Benzoic acid (UG/L)	24.0 U	26.0 R
Benzyl alcohol (UG/L)	4.9 U	5.3 UJ
Benzyl butyl phthalate (UG/L)	0.97 U	2.1 U
bis(2-Chloroethoxy) Methane (UG/L)	0.97 U	1.1 U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) (UG/L)	0.97 U	1.1 U
bis(2-Chloroisopropyl) Ether (UG/L)	0.97 U	1.1 U
bis(2-Ethylhexyl) Phthalate (UG/L)	1.9 U	2.1 U
Carbazole (UG/L)	0.97 U	1.1 U
Chrysene (UG/L)	0.19 U	0.21 U
Cresols, m & p (UG/L)	1.9 U	2.1 U
Dibenz(a,h)anthracene (UG/L)	0.19 U	0.21 U
Dibenzofuran (UG/L)	0.97 U	1.1 U
Diethyl Phthalate (UG/L)	0.97 U	2.1 U
Dimethyl Phthalate (UG/L)	0.97 U	2.1 U
Di-n-Butyl Phthalate (UG/L)	0.97 U	2.1 U
Di-n-Octylphthalate (UG/L)	0.97 U	2.1 U
Fluoranthene (UG/L)	0.19 U	0.21 U
Fluorene (UG/L)	0.19 U	0.21 U
Hexachlorobenzene (UG/L)	0.19 U	0.21 U
Hexachlorobutadiene (UG/L)	0.97 U	1.1 U
Hexachlorocyclopentadiene (UG/L)	9.7 U	11.0 U
Hexachloroethane (UG/L)	0.97 U	1.1 UJ

**Equipment Blank  
Chemistry Results**

Ravenna Army Ammunition Plant, Quality  
Assurance Project Plan, Oct. 3, 2012  
Ravenna Army Ammunition Plant

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Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Semivolatile Organic Compounds by Capillary GC/MS		
Indeno(1,2,3-c,d)pyrene (UG/L)	0.19 U	0.21 U
Isophorone (UG/L)	0.97 U	1.1 U
Naphthalene (UG/L)	0.19 U	0.21 U
Nitrobenzene (UG/L)	0.97 U	1.1 U
n-Nitrosodi-n-propylamine (UG/L)	0.97 U	1.1 U
n-Nitrosodiphenylamine (UG/L)	0.97 UJ	1.1 U
Pentachlorophenol (UG/L)	4.9 U	5.3 U
Phenanthrene (UG/L)	0.19 U	0.21 U
Phenol (UG/L)	0.97 U	1.1 U
Pyrene (UG/L)	0.19 U	0.21 U

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**Equipment Blank  
Chemistry Results**

Ravenna Army Ammunition Plant,  
Quality Assurance Project Plan, Oct.  
3, 2012  
Ravenna Army Ammunition Plant

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Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013

Chlorinated Herbicides by GC Using Methylation  
or Pentafluorobenzoylation Derivatization:  
Capillary Column Technique

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2,4 DB (UG/L)	4.0 U	-
2,4,5-T (Trichlorophenoxyacetic Acid) (UG/L)	1.0 U	-
2,4-D (Dichlorophenoxyacetic Acid) (UG/L)	4.0 U	-
Dalapon (UG/L)	2.0 U	-
Dicamba (UG/L)	2.0 U	-
Dichloroprop (UG/L)	4.0 U	-
Dinoseb (UG/L)	0.60 U	-
MCPA (UG/L)	400 UJ	-
MCPP (UG/L)	400 U	-
Pentachlorophenol (UG/L)	0.10 U	-
Silvex (2,4,5-TP) (UG/L)	1.0 U	-

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**Equipment Blank  
Chemistry Results**

Ravenna Army Ammunition Plant, Quality  
Assurance Project Plan, Oct. 3, 2012  
Ravenna Army Ammunition Plant

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Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Modified SW8015 for the Determination of Diesel Range Organics in Soil and Water, GC/FID		
C10-C20 Diesel Range Organics (UG/L)	-	500 U
C20-C34 Motor Oil Range Organics (UG/L)	-	500 U

**Equipment Blank  
Chemistry Results**

Ravenna Army Ammunition Plant,  
Quality Assurance Project Plan, Oct.  
3, 2012  
Ravenna Army Ammunition Plant

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Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Modified SW8015 for the Determination of Gasoline Range Organics in Soil and Water, GC/FID		
Petroleum Hydrocarbons C6-C12 (UG/L)	<b>33.0 J</b>	-

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## Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant,  
Quality Assurance Project Plan, Oct.  
3, 2012  
Ravenna Army Ammunition Plant

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Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Nitroaromatics and Nitramines by HPLC		
1,3,5-Trinitrobenzene (UG/L)	0.10 U	0.11 U
1,3-Dinitrobenzene (UG/L)	0.10 U	0.11 U
2,4,6-Trinitrotoluene (UG/L)	0.10 U	0.11 U
2,4-Dinitrotoluene (UG/L)	0.10 U	0.11 U
2,6-Dinitrotoluene (UG/L)	0.10 U	0.11 U
2-Amino-4,6-dinitrotoluene (UG/L)	0.21 U	0.22 U
2-Nitrotoluene (UG/L)	0.51 U	0.56 U
3-Nitrotoluene (UG/L)	0.51 U	0.56 U
4-Amino-2,6-Dinitrotoluene (UG/L)	0.10 U	0.11 U
4-Nitrotoluene (UG/L)	0.51 U	0.56 U
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	0.10 U	0.11 U
Nitrobenzene (UG/L)	0.10 U	0.11 U
Nitroglycerin (UG/L)	0.67 U	0.72 U
NITROGUANIDINE (UG/L)	20.0 U	20.0 U
Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine	0.10 U	0.11 U
Pentaerythritol Tetranitrate (UG/L)	0.67 U	0.72 U
Tetryl (UG/L)	0.10 U	0.11 U

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**Equipment Blank  
Chemistry Results**

Ravenna Army Ammunition Plant,  
Quality Assurance Project Plan, Oct.  
3, 2012  
Ravenna Army Ammunition Plant

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Locations:	ER-1	ER-3
Field Sample ID:	076-0067-0001-ER	079RN-0317-0001-RN
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	11/15/2012	04/03/2013
Nitrogen, Nitrate-Nitrite (Colorimetric Automated, Cadmium Reduction)		
Nitrocellulose (MG/L)	2.0 U	2.0 U

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**ATTACHMENT B**

**Source Water**

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## ECC

### Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-3
Field Sample ID:	070-0057-0001-SOURCE WATER	079-0007-0001- SOURCEWATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	03/14/2013

#### Volatile Organic Compounds by Capillary GC/MS

1,1,1-Trichloroethane (UG/L)	1.0 U	1.0 U
1,1,1,2-Tetrachloroethane (UG/L)	1.0 U	1.0 U
1,1,2-Trichloroethane (UG/L)	1.0 U	1.0 U
1,1-Dichloroethane (UG/L)	1.0 U	1.0 U
1,1-Dichloroethene (UG/L)	1.0 U	1.0 U
1,2-Dibromoethane (EDB) (UG/L)	1.0 U	1.0 U
1,2-Dichloroethane (UG/L)	1.0 U	1.0 U
1,2-Dichloroethene (UG/L)	2.0 U	2.0 U
1,2-Dichloropropane (UG/L)	1.0 U	1.0 U
2-Butanone (MEK) (UG/L)	<b>1.2 J</b>	10.0 U
2-Hexanone (UG/L)	10.0 U	10.0 U
4-Methyl-2-pentanone (MIBK) (UG/L)	10.0 U	10.0 U
Acetone (UG/L)	<b>2.1 J</b>	10.0 U
Benzene (UG/L)	1.0 U	1.0 U
Bromochloromethane (UG/L)	1.0 U	1.0 U
Bromodichloromethane (UG/L)	<b>3.6</b>	1.0 U
Bromoform (UG/L)	1.0 U	1.0 U
Bromomethane (UG/L)	1.0 U	1.0 U
Carbon Disulfide (UG/L)	1.0 U	1.0 U
Carbon Tetrachloride (UG/L)	1.0 U	1.0 UJ
Chlorobenzene (UG/L)	1.0 U	1.0 U
Chloroethane (UG/L)	1.0 U	1.0 U
Chloroform (UG/L)	<b>5.3</b>	1.0 U
Chloromethane (UG/L)	1.0 U	1.0 U
cis-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U
Dibromochloromethane (UG/L)	<b>1.3</b>	1.0 U
Ethylbenzene (UG/L)	1.0 U	1.0 U
Methylene Chloride (UG/L)	1.0 U	1.0 U

## ECC

### Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-3
Field Sample ID:	070-0057-0001-SOURCE WATER	079-0007-0001- SOURCEWATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	03/14/2013

#### Volatile Organic Compounds by Capillary GC/MS

Styrene (UG/L)	1.0 U	1.0 U
tert-Butyl Methyl Ether (MTBE) (UG/L)	1.0 U	1.0 U
Tetrachloroethene (PCE) (UG/L)	1.0 U	1.0 U
Toluene (UG/L)	<b>0.15 J</b>	1.0 U
trans-1,3-Dichloropropene (UG/L)	1.0 U	1.0 U
Trichloroethene (TCE) (UG/L)	1.0 U	1.0 U
Vinyl Chloride (UG/L)	1.0 U	1.0 U
Xylenes, Total (UG/L)	2.0 U	2.0 U