

APPENDIX D

DATA VERIFICATION REPORT

(Note—to be provided on disc only)

This Page Intentionally Left Blank.

TABLE OF CONTENTS

1.0 INTRODUCTION.....	D-5
1.1 SAMPLING ACTIVITIES	D-6
1.2 LABORATORY ACTIVITIES.....	D-6
2.0 DATA QUALITY VERIFICATION RESULTS	D-15
2.1 DATA VERIFICATION QUALIFIER DEFINITIONS	D-15
2.2 SAMPLE RECEIPT AT THE LABORATORY	D-16
2.3 HOLDING TIMES.....	D-16
2.4 TUNING AND CALIBRATION	D-16
2.5 LABORATORY METHOD BLANKS, INITIAL CALIBRATION BLANKS, CONTINUING CALIBRATION BLANKS	D-29
2.6 FIELD BLANK QUALITY CONTROL – TRIP BLANKS, EQUIPMENT RINSATE BLANKS, AND SOURCE WATER	D-33
2.7 SURROGATES	D-34
2.8 LABORATORY CONTROL SAMPLES AND/OR LABORATORY CONTROL SAMPLE DUPLICATES.....	D-65
2.9 MATRIX SPIKES AND MATRIX SPIKE DUPLICATES	D-65
2.10 FIELD DUPLICATES	D-73
2.11 DILUTIONS AND RE-ANALYSES.....	D-73
2.12 INTERNAL STANDARDS	D-73
2.13 SERIAL DILUTION	D-73
2.14 POST DIGESTION SPIKES	D-73
2.15 DUAL COLUMN RELATIVE PERCENT DIFFERENCE	D-77
2.16 METHOD REPORTING LIMIT CHECKS	D-77
3.0 OVERALL ASSESSMENT	D-85
3.1 FIELD COMPLETENESS	D-85
3.2 ANALYTICAL COMPLETENESS.....	D-85
3.3 PROJECT COMPLETENESS.....	D-85
3.4 DATA USABILITY	D-86
4.0 REFERENCES.....	D-91

TABLE OF CONTENTS (CONTINUED)

LIST OF TABLES

Table 1-1 Sample Summary.....	D-6
Table 1-2 Sampling Activities Summary.....	D-7
Table 1-3 Sample Preparation and Analytical Methods	D-13
Table 2-1 Holding Times	D-17
Table 2-2 Calibration - Initial and Continuing Calibration Verification	D-21
Table 2-3 Laboratory Method Blanks.....	D-31
Table 2-4 Trip Blanks	D-35
Table 2-5 Surrogate Recoveries.....	D-37
Table 2-6 Laboratory Control Sample/Laboratory Control Sample Duplicate Recoveries.....	D-67
Table 2-7 Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences	D-69
Table 2-8 Field Duplicate Relative Percent Differences	D-75
Table 2-9 Dual Column Relative Percent Differences	D-79
Table 2-10 Method Reporting Limit Check Recoveries.....	D-81
Table 3-1 Field Completeness Summary.....	D-89
Table 3-2 Analytical Completeness Summary	D-89
Table 3-3 Project Completeness Summary.....	D-89

LIST OF WORKSHEETS

Worksheet 1	Automated Data Review Summary for 240-17230-1
Worksheet 2	Automated Data Review Summary for 240-17317-1
Worksheet 3	Automated Data Review Summary for 240-17669-1
Worksheet 4	Automated Data Review Summary for 240-17669-2
Worksheet 5	Automated Data Review Summary for 240-17768-1
Worksheet 6	Automated Data Review Summary for 240-18581-1
Worksheet 7	Automated Data Review Summary for 240-22663-1
Worksheet 8	Automated Data Review Summary for 240-18735-1/2 Site & Source Water
Worksheet 9	Automated Data Review Summary for 240-21987-1 Source Water
Worksheet 10	Automated Data Review Summary for 240-17796-1 Rinsate Water
Worksheet 11	Automated Data Review Summary for 240-17796-2 Rinsate Water
Worksheet 12	Automated Data Review Summary for 240-18703-1 Rinsate Water
Worksheet 13	Automated Data Review Summary for 240-22804-1 Rinsate Water
Worksheet 14	Automated Data Review Summary for Field Duplicates

LIST OF ATTACHMENTS

- Attachment A Field Blank Quality Control – Trip Blanks and Equipment Rinsate Blanks
- Attachment B Source Water

ACRONYMS AND ABBREVIATIONS

°C	Degrees Celsius
% REC	Percent Recovery
µg/Kg	Micrograms per kilogram
µg/L	Micrograms per liter
BHC	Hexachlorocyclohexane
Bldg	Building
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	Deionized
DL	Detection Limit
DoD	Department of Defense
DRO	Diesel Range Organic
DSB	Deep Soil Boring
DU	Decision Unit
Dup	Duplicate
DVR	Data Verification Report
DVRW	Data Verification Report Worksheets
ECC	Environmental Chemical Corporation
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
IC RSD	Initial Calibration Relative Standard Deviation
ICV	Initial Calibration Verification
ID	Identification
ISM	Incremental Sampling Methodology
J	Estimated
LCS	Laboratory Control Sample
LCSD	Laboratory Control Sample Duplicate
LOD	Limit of Detection
LOQ	Limit of Quantitation
MB	Method Blank
MCPA	2-Methyl-4-chlorophenoxyacetic acid
MCPP	Methylchlorophenoxypropionic acid
MeOH	Methanol

ACRONYMS AND ABBREVIATIONS (CONTINUED)

mg/Kg	Milligrams per kilogram
MRL	Method Reporting Limit
MS	Matrix Spike
MS/MSD	Matrix Spike/Matrix Spike Duplicate
MTBE	Methyl Tertiary Butyl Ether
No.	Number
PCB	Polychlorinated Biphenyls
QA	Quality Assurance
QAPP	Quality Assurance Project Plan
QC	Quality Control
QSM	Quality Systems Manual
R	Rejected
RPD	Relative Percent Difference
RVAAP	Ravenna Army Ammunition Plant
SAIC	Science Applications International Corporation
SB	Soil Boring
SDG	Sample Delivery Group
SI	Site Inspection
SIM	Selected Ion Monitoring
SOP	Standard Operating Procedure
SorW	Source Water
SS	Surface Soil
SVOC	Semi-volatile Organic Compound
SW	Solid Waste
TAL	Target Analyte List
TB	Trip Blank
TPH	Total Petroleum Hydrocarbons
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

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 site investigation at CC (Army Environmental Compliance-Related Cleanup Program) RVAAP (Ravenna Army Ammunition Plant)-70 East Classification Yard. 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 and dry sediment analyses 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 DoD Environmental Laboratory Accreditation Program (ELAP) certified. The sample delivery groups (SDG) associated with CC RVAAP-70 field sample data are 240-17230-1, 240-17317-1, 240-17669-1, 240-17669-2, 240-17768-1, 240-18581-1, and 240-22663-1. Source water and equipment rinsate analyses were also performed by TestAmerica Laboratories. See Table 1-1 for a sample summary and Table 1-2 for a summary of sampling activities.

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 D Worksheets 1 through 14. 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 E.

1.1 Sampling Activities

The total number of field and quality control (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	8	2	1	2	13
Subsurface Soil	41	3	3	6	53

Notes:

MS/MSD = Matrix Spike/Matrix Spike Duplicate

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 and the matrix spike (MS)/matrix spike duplicate (MSD) sample pair locations are presented.

The site constituents of concern are total petroleum hydrocarbons (TPH) diesel range organics (DRO), TPH-gasoline range organics (GRO), volatile organic compounds (VOC), semi-volatile organics (SVOC), methyl-tertiary-butyl ether (MTBE), metals, herbicides, explosives, and propellants. Note, the pesticide sample 070SB-00046-0001-SB was re-collected on 1 April 2013, because all pesticide analytes in the previous sample collected in 2012 were rejected based upon data review.

1.2 Laboratory Activities

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

Table 1-2: Sampling Activities Summary

Site	Depth	SDG	Sample ID	Decision Unit	Location	Date	COC No.	FD	MS/MSD	FULL SUITE	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Hexavalent Chromium	Propellants
Surface Soil Samples																					
CC RVAAP-70	0-1 ft	240-17230-1	070SS-0001M-0001-SO	DU01	Former Fuel Oil Spill Area	5-Nov-12	48645				X	X	X	X							
CC RVAAP-70	0-1 ft	240-17230-1	070SS-0002M-0001-SO	DU02 (dry sediment)	Drainage Ditch (West of Bldg 47-40)	5-Nov-12	48645				X	X	X	X							
CC RVAAP-70	0-1 ft	240-17317-1	070SS-0002M-0002-SO	DU02 (recollected)	Drainage Ditch (West of Bldg 47-40)	7-Nov-12	48538						X								
CC RVAAP-70	0-1 ft	240-17230-1	070SS-0003M-0001-SO	DU03	Bldg 47-40 (Exterior)	5-Nov-12	48645					X			X	X					
CC RVAAP-70	0-1 ft	240-17230-1	070SS-0004M-0001-SO	DU05	Former Herbicide Storage Shed	5-Nov-12	48645					X						X			
CC RVAAP-70	0-1 ft	240-17230-1	070SS-0005M-0001-SO	DU06	Outdoor Wash Rack	5-Nov-12	48645					X				X			X		
CC RVAAP-70	0-1 ft	240-17230-1	070SS-0006M-0001-SO	DU07 (dry sediment)	Drainage Ditch (East of Bldg 47-40)	5-Nov-12	48645			X	X	X		X	X	X	X	X	X		X
CC RVAAP-70	0-1 ft	240-17317-1	070SS-0006M-0001-SO	DU07 (dry sediment)	Drainage Ditch (East of Bldg 47-40)	7-Nov-12	48538						X								
CC RVAAP-70	0-1 ft	240-17230-1	070SS-0006M-0002-SO	MS/MSD of 0006M-0001	Drainage Ditch (East of Bldg 47-40)	7-Nov-12	48538		X				X								
CC RVAAP-70	0-1 ft	240-17317-1	070SS-0007M-0002-SO	Duplicate of 0006M-0001	Drainage Ditch (East of Bldg 47-40)	7-Nov-12	48538	X					X								
CC RVAAP-70	0-1 ft	240-17230-1	070SS-0007M-0001-SO	Duplicate of 0006M-0001	Drainage Ditch (East of Bldg 47-40)	5-Nov-12	48645	X			X	X		X	X	X		X	X		X
CC RVAAP-70	0-1 ft	240-17230-1	070SS-0008M-0001-SO	DU07 (backup MS/MSD not used)	Drainage Ditch (East of Bldg 47-40)	5-Nov-12	48645		X		X	X	X	X	X	X		X	X		
CC RVAAP-70	0-1 ft	240-17230-1	070SS-0009M-0001-SO	DU07 (backup MS/MSD not used)	Drainage Ditch (East of Bldg 47-40)	5-Nov-12	48645		X		X	X	X	X	X	X		X	X		X
Sub Surface Soil Samples																					
CC RVAAP-70	1-4 ft	240-17768-1	070SB-0011M-0001-SO	DU01 SB-01	Former Fuel Oil Spill Area	14-Nov-12	48702				X	X	X	X							
CC RVAAP-70	4-7 ft	240-17768-1	070SB-0012M-0001-SO	DU01 SB-01	Former Fuel Oil Spill Area	14-Nov-12	48702				X	X	X	X							
CC RVAAP-70	1-7 ft vertical ISM	240-17768-1	070SB-0013M-0001-SO	DU01 SB-01	Former Fuel Oil Spill Area	14-Nov-12	48702				X	X	X	X							
CC RVAAP-70	1-7 ft vertical ISM	240-17768-1	070SB-0014M-0001-SO	DU01 SB-02	Former Fuel Oil Spill Area	14-Nov-12	48702				X	X	X	X							
CC RVAAP-70	1-7 ft vertical ISM	240-17768-1	070SB-0015M-0001-SO	DU01 SB-03	Former Fuel Oil Spill Area	14-Nov-12	48702				X	X	X	X							
CC RVAAP-70	1-7 ft vertical ISM	240-17768-1	070SB-0016M-0001-SO	DU01 SB-04	Former Fuel Oil Spill Area	14-Nov-12	48702				X	X	X	X							

Table 1-2: Sampling Activities Summary (Continued)

Site	Depth	SDG	Sample ID	Decision Unit	Location	Date	COC No.	FD	MS/MSD	FULL SUITE	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Hexavalent Chromium	Propellants
CC RVAAP-70	1-7 ft vertical ISM	240-17768-1	070SB-0017M-0001-SO	DU01 SB-05	Former Fuel Oil Spill Area	14-Nov-12	48702				X	X	X	X							
CC RVAAP-70	1-4 ft	240-17669-1/-2	070SB-0019M-0001-SO	DU03 SB-01	Bldg 47-40 (Exterior)	13-Nov-12	48797					X			X	X					
CC RVAAP-70	4-7 ft	240-17669-1/-2	070SB-0020M-0001-SO	DU03 SB-01	Bldg 47-40 (Exterior)	13-Nov-12	48797					X			X	X					
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1/-2	070SB-0021M-0001-SO	DU03 SB-01	Bldg 47-40 (Exterior)	13-Nov-12	48797					X			X	X					
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1/-2	070SB-0022M-0001-SO	DU03 SB-02	Bldg 47-40 (Exterior)	13-Nov-12	48797					X			X	X					
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1/-2	070SB-0023M-0001-SO	DU03 SB-03	Bldg 47-40 (Exterior)	13-Nov-12	48797					X			X	X					
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1/-2	070SB-0024M-0001-SO	DU03 SB-04	Bldg 47-40 (Exterior)	13-Nov-12	48797					X			X	X					
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1/-2	070SB-0025M-0001-SO	DU03 SB-05	Bldg 47-40 (Exterior)	13-Nov-12	48797					X			X	X					
CC RVAAP-70	DSB 7-13 ft	240-17669-1/-2	070SB-0026-0001-SO	DU03 SB-01	Bldg 47-40 (Exterior)	13-Nov-12	48797					X			X	X					
CC RVAAP-70	1-4 ft	240-17669-1	070SB-0027M-0001-SO	DU05 SB-01	Former Herbicide Storage Shed	13-Nov-12	48797					X						X			
CC RVAAP-70	4-7 ft	240-17669-1	070SB-0028M-0001-SO	DU05 SB-01	Former Herbicide Storage Shed	13-Nov-12	48797					X						X			
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1	070SB-0029M-0001-SO	DU05 SB-01	Former Herbicide Storage Shed	13-Nov-12	48798					X						X			
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1	070SB-0030M-0001-SO	DU05 SB-02	Former Herbicide Storage Shed	13-Nov-12	48798				X	X		X				X			
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1	070SB-0031M-0001-SO	DU05 SB-03	Former Herbicide Storage Shed	13-Nov-12	48798					X						X			
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1	070SB-0032M-0001-SO	DU05 SB-04	Former Herbicide Storage Shed	13-Nov-12	48798					X						X			
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1	070SB-0033M-0001-SO	DU05 SB-05	Former Herbicide Storage Shed	13-Nov-12	48798					X						X			
CC RVAAP-70	1-4 ft	240-17669-1	070SB-0034M-0001-SO	DU06 SB-01	Outdoor Wash Rack Area	13-Nov-12	48798					X				X			X		
CC RVAAP-70	4-7 ft	240-17669-1	070SB-0035M-0001-SO	DU06 SB-01	Outdoor Wash Rack Area	13-Nov-12	48798					X				X			X		
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1	070SB-0036M-0001-SO	DU06 SB-01	Outdoor Wash Rack Area	13-Nov-12	48798					X				X			X		
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1	070SB-0037M-0001-SO	DU06 SB-02	Outdoor Wash Rack Area	13-Nov-12	48798					X				X			X		
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1	070SB-0038M-0001-SO	DU06 SB-03	Outdoor Wash Rack Area	13-Nov-12	48798					X				X			X		
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1	070SB-0039M-0001-SO	DU06 SB-04	Outdoor Wash Rack Area	13-Nov-12	46799					X				X			X		
CC RVAAP-70	1-7 ft vertical ISM	240-17669-1	070SB-0040M-0001-SO	DU06 SB-05	Outdoor Wash Rack Area	13-Nov-12	46799				X	X		X		X			X		

Table 1-2: Sampling Activities Summary (Continued)

Site	Depth	SDG	Sample ID	Decision Unit	Location	Date	COC No.	FD	MS/MSD	FULL SUITE	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Hexavalent Chromium	Propellants
CC RVAAP-70	1-7 ft vertical ISM	240-18581-1	070SB-0042M-0001-SO	DU01 SB-06	Former Fuel Oil Spill Area	7-Dec-12	49449			X	X	X	X	X	X	X	X		X		X
CC RVAAP-70	1-7 ft vertical ISM	240-18581-1	070SB-0042M-0002-SO	MS/MSD of 0042M-0001	Former Fuel Oil Spill Area	7-Dec-12	49449		X		X	X		X							
CC RVAAP-70	1-7 ft vertical ISM	240-18581-1	070SB-0042M-0001-SO	DU01 SB-06	Former Fuel Oil Spill Area	12-Dec-12	50743						X								
CC RVAAP-70	1-7 ft vertical ISM	240-18581-1	070SB-0042M-0002-SO	MS/MSD of 0042M-0001	Former Fuel Oil Spill Area	12-Dec-12	50743		X				X								
CC RVAAP-70	1-7 ft vertical ISM	240-18581-1	070SB-0043M-0001-SO	Duplicate of 0042M-0001	Former Fuel Oil Spill Area	7-Dec-12	49449	X			X	X	X	X							
CC RVAAP-70	1-7 ft vertical ISM	240-18581-1	070SB-0044M-0001-SO	DU05 SB-06	Former Herbicide Storage Shed	7-Dec-12	49449			X	X	X			X	X	X	X	X		X
CC RVAAP-70	1-7 ft vertical ISM	240-18581-1	070SB-0044M-0002-SO	MS/MSD of 0044M-0001	Former Herbicide Storage Shed	7-Dec-12	49449		X			X						X			
CC RVAAP-70	1-7 ft vertical ISM	240-18581-1	070SB-0045M-0001-SO	Duplicate of 0044M-0001	Former Herbicide Storage Shed	7-Dec-12	49449	X				X						X			
CC RVAAP-70	1-7 ft vertical ISM	240-18581-1	070SB-0046M-0001-SO	DU03 SB-06	Bldg 47-40 (Exterior)	7-Dec-12	49449			X	X	X			X	X	X		X		X
CC RVAAP-70	1-7 ft vertical ISM	240-18581-1	070SB-0047M-0001-SO	Duplicate of 0047M-0001	Bldg 47-40 (Exterior)	7-Dec-12	49449	X				X			X	X					
CC RVAAP-70	0-1 ft (under floor slab)	240-18581-1	070SS-0048M-0001-SO	DU04	Bldg 47-40 Interior Repair Pit	7-Dec-12	49452					X			X	X					
CC RVAAP-70	0-1 ft (under floor slab)	240-18581-1	070SB-0049M-0001-SO	DU04	Bldg 47-40 Interior Repair Pit	7-Dec-12	49452					X			X	X					
CC RVAAP-70	0-1 ft vertical ISM	240-18581-1	070SB-0050M-0001-SO	DU04 SB-01	Bldg 47-40 Interior Repair Pit	7-Dec-12	49452					X			X	X					
CC RVAAP-70	0-15 inches vertical ISM	240-18581-1	070SB-0051M-0001-SO	DU04 SB-02	Bldg 47-40 Interior Repair Pit	7-Dec-12	49452					X			X	X					
CC RVAAP-70	0-48 inches vertical ISM	240-18581-1	070SB-0052M-0001-SO	DU04 SB-03	Bldg 47-40 Interior Repair Pit	7-Dec-12	49452					X			X	X					
CC RVAAP-70	0-46 inches vertical ISM	240-18581-1	070SB-0053M-0001-SO	DU04 SB-04	Bldg 47-40 Interior Repair Pit	7-Dec-12	49452					X			X	X					
CC RVAAP-70	0-34 inches vertical ISM	240-18581-1	070SB-0054M-0001-SO	DU04 SB-05	Bldg 47-40 Interior Repair Pit	7-Dec-12	49452					X			X	X					
CC RVAAP-70	1-7 ft vertical ISM	240-22663-2	070SB-0046M-0001-SO (recollection due to rejection of 2012 pesticide results)	DU03 SB-06	Bldg 47-40 outside	1-Apr-13	8879										X				

Table 1-2: Sampling Activities Summary (Continued)

Site	Depth	SDG	Sample ID	Decision Unit	Location	Date	COC No.	FD	MS/MSD	FULL SUITE	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Hexavalent Chromium	Propellants
Field Quality Control - Trip Blanks																					
CC RVAAP-70	NA	240-17230-1	070SS-0010-0001-TB	TB-1	NA	5-Nov-12	48644				X		X								
CC RVAAP-70	NA	240-17317-1	076SS-0027-001-TB	TB-2	NA	9-Nov-12	48638				X		X								
CC RVAAP-70	NA	240-17669-1	070SB-0041-0001-TB	TB-3	NA	13-Nov-12	48799				X										
CC RVAAP-70	NA	240-17768-1	070SB-0018-0001-TB	TB-4	NA	14-Nov-12	48702				X		X								
CC RVAAP-70	NA	240-17768-1	076SB-0044-0001-TB	TB-5	NA	14-Nov-12	48701				X										
CC RVAAP-70	NA	240-18581-1	072SB-0061-0001-TB	TB-6	NA	7-Dec-12	49450				X										
CC RVAAP-70	NA	240-18581-1	070SB-0074-0001-TB	TB-7	NA	7-Dec-12	49452				X										
CC RVAAP-70	NA	240-18735-1	070SB-0055-0001-TB	TB-8	NA	12-Dec-12	50743						X								
All 2012-2013 Sampling Events	NA	240-18735-1	070-0060-0001-TB	QC TB-1	NA	12-Dec-12	50743				X										
All 2012-2013 Sampling Events	NA	240-18735-1	070SB-0055-0001-TB	QC TB-2	NA	12-Dec-12	50743						X								
2013 Sampling Event	NA	240-21987-1	079-0008-0001-TB	QC TB-3	NA	14-Mar-13	48788				X										
2013 Sampling Event	NA	240-21987-1	079-0009-0001-TB	QC TB-4	NA	14-Mar-13	48788						X								
2012 Sampling Event	NA	240-17796-1/-2	076-0068-0001-TB	QC TB-5	NA	15-Nov-12	48707				X										
2012 Sampling Event	NA	240-18703-1	076-0141-0001-TB	QC TB-6	NA	9-Dec-12	50746				X		X								
2012 Sampling Event	NA	240-18703-1	076-0142-0001-TB	QC TB-7	NA	9-Dec-12	50746				X		X								
2013 Sampling Event	NA	240-22804-1	079-0318-0001-TB	QC TB-8	NA	3-Apr-13	49555				X										

Table 1-2: Sampling Activities Summary (Continued)

Site	Depth	SDG	Sample ID	Decision Unit	Location	Date	COC No.	FD	MS/MSD	FULL SUITE	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Hexavalent Chromium	Propellants
Field Quality Control - Source Water																					
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
2012 Subsurface Sampling Event	Direct Push Tools	240-18735-2	070-0056-0001-Source Water	Source Water (Driller decontamination water)	SorW-2	12-Dec-12	50743				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
Field Quality Control -Equipment Rinsate																					
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
2012 Sampling Event	non-dedicated hand sampling tools during sampling event	240-18703-1	076-0140-0001-ER	Equipment Rinsate Blank	ER-2	9-Dec-12	50746				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-Apr-13	49555				X	X	X	X	X	X					X

Notes:

SDG = Sample Delivery Group
 ID = Identification
 COC = Chain of Custody
 No. = Number
 FD = Field Duplicate
 MS/MSD = Matrix Spike/Matrix Spike Duplicate
 VOC = Volatile Organic Compound
 MTBE = Methyl Tertiary Butyl Ether
 SVOC = Semi-volatile Organic Compound
 TPH = Total Petroleum Hydrocarbons
 GRO = Gasoline Range Organic
 DRO = Diesel Range Organic
 TAL = Target Analyte List
 PCB = Polychlorinated Biphenyls

Propellants include nitroguanidine, nitrocellulose, and nitroglycerin.
 SS = Surface Soil
 SB = Soil Boring
 DSB = Deep Soil Boring
 ft = feet
 Bldg = Building
 ISM = Incremental Sampling Methodology
 Dup = Duplicate
 DU = Decision Unit
 QC = Quality Control
 TB = Trip Blank
 ER = Equipment Rinsate
 SorW= Source Water
 NA = Not Applicable

This page intentionally left blank.

Table 1-3: Sample Preparation and Analytical Methods

Soil/Dry Sediment			
Analytical Group	Analytical Method	Sample Preparation Method	Holding Time to Extraction/Holding Time to Analysis
VOC ⁽¹⁾	SW8260B	SW5035	DI Water 48 hours to analysis or freezing MeOH or freezing/14 days
SVOC ⁽²⁾	SW8270C	SW3540C	14 days/40 days
TPH GRO	SW8015B	SW5035	48 hours (DI Water) /14 days
TPH DRO	SW8015B-DRO	SW3540C	14 days/40 days
TAL Metals	Metals SW6020	SW3050B	180 days
	Mercury SW7471A	SW7471A	28 days
PCB	SW8082	SW3540C	14 days/40 days
Pesticides	SW8081	SW3540C	14 days/40 days
Herbicides	SW8151A	SW3540C	14 days/40 days
Explosives	SW8330B	SW8330B	14 days/40 days
Propellants ⁽³⁾	Nitrocellulose E353.2	E353.2	28 days
	Nitroguanidine SW8330 Modified	SW8330	14 days/40 days
Groundwater/Aqueous			
Analytical Group	Analytical Method	Sample Preparation Method	Holding Time to Extraction/Holding Time to Analysis
VOC	SW8260B	SW5030B	14 days
SVOC	SW8270C	SW3510C	7 days/40 days
TPH-GRO	SW8015V Modified	SW5030B	14 days
TPH-DRO	SW8015D Modified	SW3520C	7 days/40 days
TAL Metals	SW6020	SW3050b	180 days
	SW7470A	SW7470A	28 days
PCB	SW8081	SW3520C	7 days/40 days
Herbicides	SW8151A	SW3510	7 days/40 days
Pesticides	SW8082	SW3520C	7 days/40 days
Explosives	SW8330A	SW8330A	7 days/40 days
Propellants ⁽³⁾	SW8330	SW8330	7 days/40 days
	E353.2	E353.2	28 days
Hexavalent Chromium	SW7196A	SW7196A	48-hours

Notes:

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

⁽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)

EPA = Environmental Protection Agency

DI = Deionized

VOC = Volatile Organic Compound

SVOC = Semi-volatile Organic Compound

TPH = Total Petroleum Hydrocarbon

GRO = Gasoline Range Organic

DRO = Diesel Range Organic

TAL = Target Analyte List

PCB = Polychlorinated Biphenyls

MeOH = Methanol

SW = Solid Waste

SIM – Selected Ion Monitoring

This page left intentionally blank.

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 Detection (LOD).
- 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 limit of quantitation (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.

The DoD QSM data reporting convention used will be used. Non-detect data will be reported at the LOD in Appendix D and Appendix E. Within the analytical data package, the laboratory reporting forms also use the DoD QSM convention of reporting non-detect data at the 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 ± 2 degrees Celsius ($^{\circ}\text{C}$) or just below 2°C , but not frozen.

2.3 Holding Times

All extractions and analyses were performed within QAPP method-specific holding times with the exception of three soil samples (070SB-0046M-0001-SO, 070SB-0047M-0001-SO, and 070SS-0048M-0001-SO) analyzed for polychlorinated biphenyls (PCB), and one sample (070SB-0046M-0001-SB) analyzed for pesticides. The PCB preparation hold time was exceeded for the above listed samples. The pesticide sample was re-collected on 1 April 2013 was extracted beyond the preparation holding time. See Table 2-1 for qualified data.

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 SVOC, herbicides and pesticides had ICV and/or continuing CCV out of limits. See Table 2-2 for qualified data.

Table 2-1: Holding Times

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
PCB (µg/Kg)								
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	PCB-1016 (Arochlor 1016)	65	UJ	Prep Hold Time	65 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	PCB-1221 (Arochlor 1221)	50	UJ	Prep Hold Time	50 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	PCB-1232 (Arochlor 1232)	45	UJ	Prep Hold Time	45 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	PCB-1242 (Arochlor 1242)	40	UJ	Prep Hold Time	40 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	PCB-1248 (Arochlor 1248)	55	UJ	Prep Hold Time	55 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	PCB-1254 (Arochlor 1254)	55	UJ	Prep Hold Time	55 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	PCB-1260 (Arochlor 1260)	55	UJ	Prep Hold Time	55 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	PCB-1016 (Arochlor 1016)	65	UJ	Prep Hold Time	65 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	PCB-1221 (Arochlor 1221)	50	UJ	Prep Hold Time	50 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	PCB-1232 (Arochlor 1232)	45	UJ	Prep Hold Time	45 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	PCB-1242 (Arochlor 1242)	40	UJ	Prep Hold Time	40 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	PCB-1248 (Arochlor 1248)	55	UJ	Prep Hold Time	55 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	PCB-1254 (Arochlor 1254)	55	UJ	Prep Hold Time	55 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	PCB-1260 (Arochlor 1260)	55	UJ	Prep Hold Time	55 UJ
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	PCB-1016 (Arochlor 1016)	65	UJ	Prep Hold Time	65 UJ
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	PCB-1221 (Arochlor 1221)	50	UJ	Prep Hold Time	50 UJ
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	PCB-1232 (Arochlor 1232)	45	UJ	Prep Hold Time	45 UJ
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	PCB-1242 (Arochlor 1242)	40	UJ	Prep Hold Time	40 UJ
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	PCB-1248 (Arochlor 1248)	55	UJ	Prep Hold Time	55 UJ
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	PCB-1254 (Arochlor 1254)	55	UJ	Prep Hold Time	55 UJ

Table 2-1: Holding Times (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
PCB (µg/Kg)								
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	PCB-1260 (Arochlor 1260)	55	UJ	Prep Hold Time	55 UJ
Pesticides (µg/Kg)								
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Aldrin	40	UJ	Prep Hold Time	40 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	alpha-BHC (alpha-Hexachlorocyclohexane)	25	UJ	Prep Hold Time	25 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	alpha-Chlordane	30	UJ	Prep Hold Time	30 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	alpha-Endosulfan	17	UJ	Prep Hold Time	17 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	beta-BHC (beta-Hexachlorocyclohexane)	35	UJ	Prep Hold Time	35 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	beta-Endosulfan	25	UJ	Prep Hold Time	25 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	delta-BHC (delta-Hexachlorocyclohexane)	40	UJ	Prep Hold Time	40 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Dieldrin	17	UJ	Prep Hold Time	17 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Endosulfan Sulfate	30	UJ	Prep Hold Time	30 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Endrin	17	UJ	Prep Hold Time	17 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Endrin Aldehyde	30	UJ	Prep Hold Time	30 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Endrin Ketone	20	UJ	Prep Hold Time	20 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	gamma-BHC (Lindane)	25	UJ	Prep Hold Time	25 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	gamma-Chlordane	17	UJ	Prep Hold Time	17 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Heptachlor	35	UJ	Prep Hold Time	35 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Heptachlor Epoxide	25	UJ	Prep Hold Time	25 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Methoxychlor	49	UJ	Prep Hold Time	49 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	4,4'-DDD	20	UJ	Prep Hold Time	20 UJ

Table 2-1: Holding Times (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Pesticides (µg/Kg)								
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	4,4'-DDE	17	UJ	Prep Hold Time	17 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	4,4'-DDT	20	UJ	Prep Hold Time	20 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Toxaphene	660	UJ	Prep Hold Time	660 UJ

Notes:

SDG = Sample Delivery Group

µg/Kg = Micrograms per kilogram

PCB = Polychlorinated Biphenyls

UJ = Not Detected, with estimated reporting limit

BHC = Hexachlorocyclohexane

DDD = Dichlorodiphenyldichloroethane

DDE = Dichlorodiphenyldichloroethylene

DDT = Dichlorodiphenyltrichloroethane

This page intentionally left blank.

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
SVOC (µg/Kg)								
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	3,3'-Dichlorobenzidine	400	UJ	ICV	400 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	3,3'-Dichlorobenzidine	2000	UJ	ICV	2000 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	3,3'-Dichlorobenzidine	510	UJ	ICV	510 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	3,3'-Dichlorobenzidine	2000	UJ	ICV	2000 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	3,3'-Dichlorobenzidine	1000	UJ	ICV	1000 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0019M-0001-SO	11/13/2012	240-17669-1	240-17669-1	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0020M-0001-SO	11/13/2012	240-17669-1	240-17669-2	3,3'-Dichlorobenzidine	100	UJ	ICV	100 UJ
070SB-0021M-0001-SO	11/13/2012	240-17669-1	240-17669-3	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0022M-0001-SO	11/13/2012	240-17669-1	240-17669-4	3,3'-Dichlorobenzidine	100	UJ	ICV	100 UJ
070SB-0023M-0001-SO	11/13/2012	240-17669-1	240-17669-5	3,3'-Dichlorobenzidine	100	UJ	ICV	100 UJ
070SB-0024M-0001-SO	11/13/2012	240-17669-1	240-17669-6	3,3'-Dichlorobenzidine	100	UJ	ICV	100 UJ
070SB-0025M-0001-SO	11/13/2012	240-17669-1	240-17669-7	3,3'-Dichlorobenzidine	100	UJ	ICV	100 UJ
070SB-0026M-0001-SO	11/13/2012	240-17669-1	240-17669-8	3,3'-Dichlorobenzidine	110	UJ	ICV	110 UJ
070SB-0027M-0001-SO	11/13/2012	240-17669-1	240-17669-9	3,3'-Dichlorobenzidine	100	UJ	ICV	100 UJ
070SB-0027M-0001-SO	11/13/2012	240-17669-1	240-17669-9	Pentachlorophenol	10	UJ	CCV	10 UJ
070SB-0028M-0001-SO	11/13/2012	240-17669-1	240-17669-10	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0028M-0001-SO	11/13/2012	240-17669-1	240-17669-10	Pentachlorophenol	10	UJ	CCV	10 UJ
070SB-0029M-0001-SO	11/13/2012	240-17669-1	240-17669-11	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0029M-0001-SO	11/13/2012	240-17669-1	240-17669-11	Pentachlorophenol	10	UJ	CCV	10 UJ
070SB-0030M-0001-SO	11/13/2012	240-17669-1	240-17669-12	3,3'-Dichlorobenzidine	100	UJ	ICV	100 UJ
070SB-0030M-0001-SO	11/13/2012	240-17669-1	240-17669-12	Pentachlorophenol	9.9	UJ	CCV	9.9 UJ
070SB-0031M-0001-SO	11/13/2012	240-17669-1	240-17669-13	3,3'-Dichlorobenzidine	100	UJ	ICV	100 UJ
070SB-0031M-0001-SO	11/13/2012	240-17669-1	240-17669-13	Pentachlorophenol	10	UJ	CCV	10 UJ
070SB-0032M-0001-SO	11/13/2012	240-17669-1	240-17669-14	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0032M-0001-SO	11/13/2012	240-17669-1	240-17669-14	Pentachlorophenol	9.9	UJ	CCV	9.9 UJ
070SB-0033M-0001-SO	11/13/2012	240-17669-1	240-17669-15	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0033M-0001-SO	11/13/2012	240-17669-1	240-17669-15	Pentachlorophenol	10	UJ	CCV	10 UJ
070SB-0034M-0001-SO	11/13/2012	240-17669-1	240-17669-16	3,3'-Dichlorobenzidine	490	UJ	ICV	490 UJ
070SB-0035M-0001-SO	11/13/2012	240-17669-1	240-17669-17	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0036M-0001-SO	11/13/2012	240-17669-1	240-17669-18	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0037M-0001-SO	11/13/2012	240-17669-1	240-17669-19	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0038M-0001-SO	11/13/2012	240-17669-1	240-17669-20	3,3'-Dichlorobenzidine	510	UJ	ICV	510 UJ
070SB-0039M-0001-SO	11/13/2012	240-17669-1	240-17669-21	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SB-0040M-0001-SO	11/13/2012	240-17669-1	240-17669-22	3,3'-Dichlorobenzidine	490	UJ	ICV	490 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	2,4-Dichlorophenol	1500	UJ	ICV	1500 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	2,4-Dichlorophenol	1500	UJ	ICV	1500 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Di-n-Butyl Phthalate	500	UJ	ICV	500 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Fluoranthene	170	J	ICV	170 J
070SB-0043M-0001-SO	12/7/2012	240-18581-1	240-18581-2	2,4-Dichlorophenol	1500	UJ	ICV	1500 UJ
070SB-0043M-0001-SO	12/7/2012	240-18581-1	240-18581-2	Fluoranthene	120	J	ICV	120 J
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Fluoranthene	67	UJ	ICV	67 UJ
070SB-0043M-0001-SO	12/7/2012	240-18581-1	240-18581-2	Di-n-Butyl Phthalate	490	UJ	ICV	490 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Di-n-Butyl Phthalate	510	UJ	ICV	510 UJ
070SB-0045M-0001-SO	12/7/2012	240-18581-1	240-18581-4	2,4-Dichlorophenol	1500	UJ	ICV	1500 UJ
070SB-0045M-0001-SO	12/7/2012	240-18581-1	240-18581-4	Di-n-Butyl Phthalate	500	UJ	ICV	500 UJ
070SB-0045M-0001-SO	12/7/2012	240-18581-1	240-18581-4	Fluoranthene	67	UJ	ICV	67 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	2,4-Dichlorophenol	1500	UJ	ICV	1500 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Fluoranthene	67	UJ	ICV	67 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Di-n-Butyl Phthalate	500	UJ	ICV	500 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	2,4-Dichlorophenol	1500	UJ	ICV	1500 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	Fluoranthene	67	UJ	ICV	67 UJ
070SB-0049M-0001-SO	12/7/2012	240-18581-1	240-18581-18	2,4-Dichlorophenol	150	UJ	ICV	150 UJ
070SB-0049M-0001-SO	12/7/2012	240-18581-1	240-18581-18	Fluoranthene	6.6	UJ	ICV	6.6 UJ
070SB-0050M-0001-SO	12/7/2012	240-18581-1	240-18581-19	2,4-Dichlorophenol	150	UJ	ICV	150 UJ
070SB-0050M-0001-SO	12/7/2012	240-18581-1	240-18581-19	Di-n-Butyl Phthalate	51	UJ	ICV	51 UJ
070SB-0050M-0001-SO	12/7/2012	240-18581-1	240-18581-19	Fluoranthene	7.9	J	ICV	7.9 J
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Fluoranthene	67	UJ	ICV	67 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Fluoranthene	66	UJ	ICV	66 UJ
070SB-0053M-0001-SO	12/7/2012	240-18581-1	240-18581-22	Fluoranthene	27	UJ	ICV	27 UJ
070SB-0054M-0001-SO	12/7/2012	240-18581-1	240-18581-23	Fluoranthene	26	UJ	ICV	26 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	3,3'-Dichlorobenzidine	500	UJ	ICV	500 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Pentachlorophenol	10	UJ	IC RSD	10 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Pentachlorophenol	10	UJ	IC RSD	10 UJ
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	2,4-Dichlorophenol	150	UJ	ICV	150 UJ
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	Di-n-Butyl Phthalate	51	UJ	ICV	51 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	Di-n-Butyl Phthalate	510	UJ	ICV	510 UJ
070SB-0049M-0001-SO	12/7/2012	240-18581-1	240-18581-18	Di-n-Butyl Phthalate	50	UJ	ICV	50 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	2,4-Dichlorophenol	1500	UJ	ICV	1500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Di-n-Butyl Phthalate	500	UJ	ICV	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	2,4-Dichlorophenol	1500	UJ	ICV	1500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Di-n-Butyl Phthalate	500	UJ	ICV	500 UJ
070SB-0053M-0001-SO	12/7/2012	240-18581-1	240-18581-22	2,4-Dichlorophenol	600	UJ	ICV	600 UJ
070SB-0053M-0001-SO	12/7/2012	240-18581-1	240-18581-22	Di-n-Butyl Phthalate	200	UJ	ICV	200 UJ
070SB-0054M-0001-SO	12/7/2012	240-18581-1	240-18581-23	2,4-Dichlorophenol	590	UJ	ICV	590 UJ
070SB-0054M-0001-SO	12/7/2012	240-18581-1	240-18581-23	Di-n-Butyl Phthalate	200	UJ	ICV	200 UJ
070SS-0004M-0001-SO	11/5/2012	240-17230-1	240-17230-4	Pentachlorophenol	9.9	UJ	IC RSD	9.9 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SS-0005M-0001-SO	11/5/2012	240-17230-1	240-17230-5	3,3'-Dichlorobenzidine	400	UJ	ICV	400 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500	UJ	ICV	500 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	3,3'-Dichlorobenzidine	490	UJ	ICV	490 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	490	UJ	ICV	490 UJ
070SS-0003M-0001-SO	11/5/2012	240-17230-1	240-17230-3	3,3'-Dichlorobenzidine	1000	UJ	ICV	1000 UJ
070SS-0003M-0001-SO	11/5/2012	240-17230-1	240-17230-3	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	UJ	ICV	1000 UJ
070SS-0004M-0001-SO	11/5/2012	240-17230-1	240-17230-4	3,3'-Dichlorobenzidine	510	UJ	ICV	510 UJ
070SS-0005M-0001-SO	11/5/2012	240-17230-1	240-17230-5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	UJ	ICV	400 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	3,3'-Dichlorobenzidine	490	UJ	ICV	490 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	490	UJ	ICV	490 UJ
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	Fluoranthene	7.7	J	ICV	7.7 J
Pesticides (µg/Kg)								
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Aldrin	200	UJ	CCV	200 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	alpha BHC (alpha Hexachlorocyclohexane)	120	UJ	CCV	120 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	alpha Endosulfan	84	UJ	CCV	84 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	alpha-Chlordane	150	UJ	CCV	150 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	beta BHC (beta Hexachlorocyclohexane)	170	UJ	CCV	170 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	beta Endosulfan	120	UJ	CCV	120 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	delta BHC (delta Hexachlorocyclohexane)	200	UJ	CCV	200 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Dieldrin	84	UJ	CCV	84 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Endosulfan Sulfate	150	UJ	CCV	150 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Pesticides (µg/Kg)								
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Endrin	84	UJ	CCV	84 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Endrin Aldehyde	150	UJ	CCV	150 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	gamma BHC (Lindane)	120	UJ	CCV	120 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	gamma-Chlordane	84	UJ	CCV	84 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Heptachlor	170	UJ	CCV	170 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Heptachlor Epoxide	120	UJ	CCV	120 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Methoxychlor	250	UJ	CCV	250 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	4,4'-DDD	99	UJ	CCV	99 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	4,4'-DDT	99	UJ	CCV	99 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Toxaphene	3300	UJ	CCV, ICV	3300 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Heptachlor Epoxide	120	UJ	CCV	120 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	MCPA	8000	UJ	CCV	8000 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	MCPP	8000	UJ	CCV	8000 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Toxaphene	3300	UJ	CCV	3300 UJ
070SB-0045M-0001-SO	12/7/2012	240-18581-1	240-18581-4	MCPA	7900	UJ	CCV	7900 UJ
070SB-0045M-0001-SO	12/7/2012	240-18581-1	240-18581-4	MCPP	7900	UJ	CCV	7900 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Heptachlor Epoxide	120	UJ	CCV	120 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Toxaphene	3300	UJ	CCV	3300 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Endrin	17	UJ	CCV	17 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Endrin Aldehyde	30	UJ	CCV	30 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Endrin Ketone	20	UJ	CCV	20 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Heptachlor	35	UJ	CCV	35 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Methoxychlor	50	UJ	CCV	50 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	4,4'-DDD	20	UJ	CCV	20 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Toxaphene	670	UJ	ICV	670 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Aldrin	40	UJ	CCV	40 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Pesticides (µg/Kg)								
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	alpha-Chlordane	30	UJ	CCV	30 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Dieldrin	17	UJ	CCV	17 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Endrin	17	UJ	CCV	17 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Endrin Aldehyde	30	UJ	CCV	30 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Endrin Ketone	20	UJ	CCV	20 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	gamma-Chlordane	17	UJ	CCV	17 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Methoxychlor	49	UJ	CCV	49 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	4,4'-DDD	20	UJ	CCV	20 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	4,4'-DDE	17	UJ	CCV	17 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	4,4'-DDT	20	UJ	CCV	20 UJ
070SB-0046M-0001-SB	4/1/2013	240-22663-1	240-22663-10	Toxaphene	660	UJ	ICV	660 UJ
Explosives (mg/Kg)								
070SS-0005M-0001-SO	11/5/2012	240-17230-1	240-17230-5	2-Nitrotoluene	0.25	UJ	CCV	0.25 UJ
070SS-0005M-0001-SO	11/5/2012	240-17230-1	240-17230-5	4-Nitrotoluene	0.25	UJ	CCV	0.25 UJ
070SS-0005M-0001-SO	11/5/2012	240-17230-1	240-17230-5	Nitrobenzene	0.25	UJ	CCV	0.25 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Nitrobenzene	0.25	UJ	CCV	0.25 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	2-Nitrotoluene	0.25	UJ	CCV	0.25 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	4-Nitrotoluene	0.25	UJ	CCV	0.25 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	2-Nitrotoluene	0.25	UJ	CCV	0.25 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	4-Nitrotoluene	0.25	UJ	CCV	0.25 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Nitrobenzene	0.25	UJ	CCV	0.25 UJ

Table 2-2: Calibration - Initial and Continuing Calibration Verification (Continued)

Notes:

SDG = Sample Delivery Group

SVOC = Semi-volatile Organic Compound

µg/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

BHC = Hexachlorocyclohexane

DDD = Dichlorodiphenyldichloroethane

DDE = Dichlorodiphenyldichloroethylene

DDT = Dichlorodiphenyltrichloroethane

MCPA = 2-Methyl-4-chlorophenoxyacetic acid

MCPP = Methylchlorophenoxypropionic acid

ICV = Initial Calibration Verification

CCV = Continuing Calibration Verification

IC RSD = Initial Calibration Relative Standard Deviation

UJ = Not Detected, with estimated reporting limit

J = Estimated

RPD = Relative Percent Difference

This page intentionally left blank.

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 LOD. 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. Select VOCs, SVOCs, explosives, propellants, and metals were qualified on the basis of the laboratory MBs.

This page intentionally left blank.

Table 2-3: Laboratory Method Blanks

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	0.69	U	MB	0.51 U
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	2-Hexanone	0.93	U	MB	0.51 U
070SB-0030M-0001-SO	11/13/2012	240-17669-1	240-17669-12	Acetone	11	U	MB	5.5 U
070SB-0043M-0001-SO	12/7/2012	240-18581-1	240-18581-2	Acetone	27	U	MB	27 U
070SB-0043M-0001-SO	12/7/2012	240-18581-1	240-18581-2	Methylene Chloride	1.8	U	MB	1.1 U
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	2-Hexanone	1.8	U	MB	1.1 U
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	1.3	U	MB	1.1 U
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	2-Hexanone	2.3	U	MB	1.0 U
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Methylene Chloride	8.0	U	MB	8.0 U
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	1.0	U	MB	1.0 U
VOC (µg/L)								
070SB-0041-0001-TB	11/13/2012	240-17669-1	240-17669-23	Methylene Chloride	0.55	U	MB	0.50 U
SVOC (µg/Kg)								
070SB-0022M-0001-SO	11/13/2012	240-17669-1	240-17669-4	bis(2-Ethylhexyl) Phthalate	40	U	MB	27 U
070SB-0035M-0001-SO	11/13/2012	240-17669-1	240-17669-17	bis(2-Ethylhexyl) Phthalate	94	U	MB	130 U
070SB-0036M-0001-SO	11/13/2012	240-17669-1	240-17669-18	bis(2-Ethylhexyl) Phthalate	97	U	MB	130 U
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	bis(2-Ethylhexyl) Phthalate	61	U	MB	61 U
070SB-0049M-0001-SO	12/7/2012	240-18581-1	240-18581-18	bis(2-Ethylhexyl) Phthalate	27	U	MB	27 U
070SB-0050M-0001-SO	12/7/2012	240-18581-1	240-18581-19	bis(2-Ethylhexyl) Phthalate	29	U	MB	27 U

Table 2-3: Laboratory Method Blanks (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Propellants (mg/Kg)								
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Nitrocellulose	7.5	U	MB	16 U
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Nitrocellulose	8.3	U	MB	15 U
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Nitrocellulose	8.2	U	MB	17 U
Metals (mg/Kg)								
070SS-0003M-0001-SO	11/5/2012	240-17230-1	240-17230-3	Mercury	0.039	U	MB	0.030 U
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Mercury	0.050	U	MB	0.030 U
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Mercury	0.067	U	MB	0.036 U
Explosives (mg/Kg)								
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Tetryl	0.029	U	MB	0.050 U

Notes:

SDG = Sample Delivery Group

VOC = Volatile Organic Compound

SVOC = Semi-volatile Organic Compound

µg/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

µg/L = Micrograms per liter

U = Undetected

MB = Method Blank

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

A trip blank is an analyte-free matrix that accompanies samples through the sample collection and transportation process to identify potential VOC cross-contamination during storage and shipment. A total of 8 trip blanks were submitted for VOCs and 3 trip blanks for TPH-GRO with site primary samples and analyzed as part of the QC program. Methylene chloride detected concentrations in two samples (070SB-0043M-0001-SO and 070SB-0046M-0001-SO) were qualified as non-detect based upon an associated trip blank result. TPH-GRO C6-C12 aliphatics detected concentrations in one sample (070SS-0006M-0001-SO) was qualified as non-detect based upon an associated trip blank result. The qualified sample results are presented in Table 2-4. See Attachment A for trip blank data.

Source water sample data are used to determine the pre-existing levels of chemicals in decontamination fluids. For the sampling at this site, three source water samples are associated with the sample data, see Table 1-2. Source water sample SorW-1 was collected from water used to decontaminate hand held tools. Source water samples SorW-2 and SorW-3 were collected from drillers water used to decontaminate direct push sampling tools used in 2012 and 2013, respectively. See Attachment B for source water data.

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, ER-2, 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, including 2-butanone, acetone, toluene, bromodichloromethane, chloroform, and dibromochloromethane, and a TPH-GRO detection. SorW-2 has detections of several metals, including aluminum, arsenic, cobalt, copper, calcium, barium, iron, magnesium, manganese, potassium, sodium, and zinc, and a TPH-GRO detection. SorW-3 has detections of several metals, including arsenic, chromium, cobalt, thallium, copper, calcium, barium, iron, magnesium, manganese, potassium, sodium, and zinc. SorW-3 also had a trace level TPH-GRO detection. Source water sample, SorW-3, had 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 for several metals, TPH-GRO, and for chloroform. Chloroform was detected in only one site soil

sample at a greater level, suggesting that it is representative of site conditions. Soil samples for metals and TPH-GRO 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 and TPH-GRO soil samples. See Attachment A for equipment rinsate blank data.

QC trip blanks were collected along with the source water and equipment 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 blanks, QC TB-8 and QC-TB-9, associated with equipment rinsate blank sample ER-2, had a trace level of 2-butanone, trace levels of 4-methyl-2-pentanone, and acetone detections. The trip blank, QC TB-10, associated with equipment rinsate blank sample ER-3, had a trace level of acetone, and a methylene chloride detection. None of these compounds were detected in the equipment rinsate blank samples. The trip blank, QC TB-4, associated with SorW-1 and SorW-3, had a trace level TPH-GRO detection similar to those in the source water samples.

Comparison of the source water samples, SorW-1, SorW-2, and Sor-3, results to the equipment rinsate results, ER-1, ER-2, and ER-3 shows similar chemicals except for trace levels of antimony and detections of nickel in ER-1. Soil samples for metals and TPH-GRO 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, was also detected in source water sample SorW-2, but not in the primary samples.

The equipment rinsate results show that sampling tools were properly decontaminated and that there was no apparent cross-contamination between soil 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. Table 2-5 presents data qualified based upon surrogate recoveries outside QAPP limits. Pesticides in sample 070SB-0046M-0001-SO were less than 10% for all surrogates on both columns; sample results (all non-detect) are qualified as rejected (R) based upon the low surrogate recoveries. The laboratory did not perform a re-extraction. Because these results from the 2012 sampling were all qualified as rejected, this sample was re-collected on 1 April 2013. The 2013 sample did not have any surrogate extraction issues and is representative of the site matrix.

Table 2-4: Trip Blanks

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0043M-0001-SO	12/7/2012	240-18581-1	240-18581-2	Methylene Chloride	1.8	U	Trip Blank	5.4 U
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Methylene Chloride	8.0	U	Trip Blank	5.2 U
TPH-GRO (µg/Kg)								
070SS-0006M-0001-SO	11/7/2012	240-17317-1	240-17317-11	Petroleum Hydrocarbons C6-C12	58	U	Trip Blank	43 U

Notes:

SDG = Sample Delivery Group

VOC = Volatile Organic Compound

TPH-GRO = Total Petroleum Hydrocarbons-Gasoline Range Organics

µg/Kg = Micrograms per kilogram

U = Undetected

This page intentionally left blank.

Table 2-5: Surrogate Recoveries

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	1,1,1-Trichloroethane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	1,1,2,2-Tetrachloroethane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	1,1,2-Trichloroethane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	1,1-Dichloroethane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	1,1-Dichloroethene	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	1,2-Dibromoethane (Ethylene Dibromide)	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	1,2-Dichloroethane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	1,2-Dichloropropane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	2-Hexanone	22	UJ	Surrogate recovery - low	22 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Acetone	22	UJ	Surrogate recovery - low	22 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Benzene	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Bromochloromethane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Bromodichloromethane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Bromoform	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Bromomethane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Carbon Disulfide	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Carbon Tetrachloride	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Chlorobenzene	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Chloroethane	5.4	UJ	Surrogate recovery - low	5.4 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Chloroform	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Chloromethane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	cis-1,3-Dichloropropene	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Dibromochloromethane	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Ethylbenzene	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Methyl Ethyl Ketone (2-Butanone)	22	UJ	Surrogate recovery - low	22 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	22	UJ	Surrogate recovery - low	22 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Methylene Chloride	0.91 J	J	Surrogate recovery - low	0.91 J
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Styrene	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	tert-Butyl Methyl Ether	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Tetrachloroethylene (PCE)	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Toluene	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Total 1,2-Dichloroethene	11	UJ	Surrogate recovery - low	11 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	trans-1,3-Dichloropropene	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Trichloroethylene (TCE)	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Vinyl Chloride	5.4	UJ	Surrogate recovery - low	5.4 UJ
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	Xylenes, Total	11	UJ	Surrogate recovery - low	11 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	1,1,1-Trichloroethane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	1,1,2,2-Tetrachloroethane	480	UJ	Surrogate recovery - low	480 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	1,1,2-Trichloroethane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	1,1-Dichloroethane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	1,1-Dichloroethene	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	1,2-Dibromoethane (Ethylene Dibromide)	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	1,2-Dichloroethane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	1,2-Dichloropropane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	2-Hexanone	1900	UJ	Surrogate recovery - low	1900 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Acetone	1900	UJ	Surrogate recovery - low	1900 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Benzene	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Bromochloromethane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Bromodichloromethane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Bromoform	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Bromomethane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Carbon Disulfide	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Carbon Tetrachloride	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Chlorobenzene	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Chloroethane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Chloroform	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Chloromethane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	cis-1,3-Dichloropropene	480	UJ	Surrogate recovery - low	480 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Dibromochloromethane	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Ethylbenzene	790	J	Surrogate recovery - low	790 J
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Methyl Ethyl Ketone (2-Butanone)	1900	UJ	Surrogate recovery - low	1900 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	1900	UJ	Surrogate recovery - low	1900 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Methylene Chloride	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Styrene	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	tert-Butyl Methyl Ether	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Toluene	63	J	Surrogate recovery - low	63 J
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Total 1,2-Dichloroethene	970	UJ	Surrogate recovery - low	970 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	trans-1,3-Dichloropropene	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Vinyl Chloride	480	UJ	Surrogate recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Xylenes, Total	2600	J	Surrogate recovery - low	2600 J
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	1,1,1-Trichloroethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	1,1,2,2-Tetrachloroethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	1,1,2-Trichloroethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	1,1-Dichloroethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	1,1-Dichloroethene	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	1,2-Dibromoethane (Ethylene Dibromide)	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	1,2-Dichloroethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	1,2-Dichloropropane	5.2	UJ	Surrogate recovery - low	5.2 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	2-Hexanone	21	UJ	Surrogate recovery - low	21 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Acetone	21	UJ	Surrogate recovery - low	21 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Benzene	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Bromochloromethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Bromodichloromethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Bromoform	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Bromomethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Carbon Disulfide	3.1	J	Surrogate recovery - low	3.1 J
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Carbon Tetrachloride	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Chlorobenzene	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Chloroethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Chloroform	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Chloromethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	cis-1,3-Dichloropropene	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Dibromochloromethane	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Ethylbenzene	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Methyl Ethyl Ketone (2-Butanone)	21	UJ	Surrogate recovery - low	21 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	21	UJ	Surrogate recovery - low	21 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Methylene Chloride	2.2	J	Surrogate recovery - low	2.2 J
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Styrene	5.2	UJ	Surrogate recovery - low	5.2 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	tert-Butyl Methyl Ether	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Tetrachloroethylene (PCE)	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Toluene	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Total 1,2-Dichloroethene	10	UJ	Surrogate recovery - low	10 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	trans-1,3-Dichloropropene	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Trichloroethylene (TCE)	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Vinyl Chloride	5.2	UJ	Surrogate recovery - low	5.2 UJ
070SB-0013M-0001-SO	11/14/2012	240-17768-1	240-17768-3	Xylenes, Total	10	UJ	Surrogate recovery - low	10 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	1,1,1-Trichloroethane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	1,1,2,2-Tetrachloroethane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	1,1,2-Trichloroethane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	1,1-Dichloroethane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	1,1-Dichloroethene	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	1,2-Dibromoethane (Ethylene Dibromide)	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	1,2-Dichloroethane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	1,2-Dichloropropane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	2-Hexanone	930	UJ	Surrogate recovery - low	930 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Acetone	930	UJ	Surrogate recovery - low	930 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Benzene	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Bromochloromethane	230	UJ	Surrogate recovery - low	230 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Bromodichloromethane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Bromoform	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Bromomethane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Carbon Disulfide	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Carbon Tetrachloride	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Chlorobenzene	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Chloroethane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Chloroform	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Chloromethane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	cis-1,3-Dichloropropene	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Dibromochloromethane	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Ethylbenzene	350	J	Surrogate recovery - low	350 J
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Methyl Ethyl Ketone (2-Butanone)	930	UJ	Surrogate recovery - low	930 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	930	UJ	Surrogate recovery - low	930 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Methylene Chloride	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Styrene	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	tert-Butyl Methyl Ether	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Toluene	26	J	Surrogate recovery - low	26 J
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Total 1,2-Dichloroethene	460	UJ	Surrogate recovery - low	460 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	trans-1,3-Dichloropropene	230	UJ	Surrogate recovery - low	230 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Vinyl Chloride	230	UJ	Surrogate recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Xylenes, Total	1200	J	Surrogate recovery - low	1200 J
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	1,1,1-Trichloroethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	1,1,2,2-Tetrachloroethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	1,1,2-Trichloroethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	1,1-Dichloroethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	1,1-Dichloroethene	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	1,2-Dibromoethane (Ethylene Dibromide)	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	1,2-Dichloroethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	1,2-Dichloropropane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	2-Hexanone	20	UJ	Surrogate recovery - low	20 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Acetone	38	J	Surrogate recovery - low	38 J
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Benzene	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Bromochloromethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Bromodichloromethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Bromoform	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Bromomethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Carbon Disulfide	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Carbon Tetrachloride	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Chlorobenzene	5.1	UJ	Surrogate recovery - low	5.1 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Chloroethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Chloroform	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Chloromethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	cis-1,3-Dichloropropene	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Dibromochloromethane	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Ethylbenzene	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Methyl Ethyl Ketone (2-Butanone)	3.1	J	Surrogate recovery - low	3.1 J
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	20	UJ	Surrogate recovery - low	20 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Methylene Chloride	2.5	J	Surrogate recovery - low	2.5 J
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Styrene	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	tert-Butyl Methyl Ether	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Tetrachloroethylene (PCE)	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Toluene	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Total 1,2-Dichloroethene	10	UJ	Surrogate recovery - low	10 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	trans-1,3-Dichloropropene	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Trichloroethylene (TCE)	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Vinyl Chloride	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SB-0015M-0001-SO	11/14/2012	240-17768-1	240-17768-5	Xylenes, Total	10	UJ	Surrogate recovery - low	10 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	1,1,1-Trichloroethane	5.6	UJ	Surrogate recovery - low	5.6 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	1,1,2,2-Tetrachloroethane	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	1,1,2-Trichloroethane	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	1,1-Dichloroethane	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	1,1-Dichloroethene	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	1,2-Dibromoethane (Ethylene Dibromide)	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	1,2-Dichloroethane	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	1,2-Dichloropropane	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	2-Hexanone	22	UJ	Surrogate recovery - low	22 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Acetone	34	J	Surrogate recovery - low	34 J
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Benzene	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Bromochloromethane	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Bromodichloromethane	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Bromoform	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Bromomethane	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Carbon Disulfide	3.6	J	Surrogate recovery - low	3.6 J
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Carbon Tetrachloride	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Chlorobenzene	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Chloroethane	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Chloroform	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Chloromethane	5.6	UJ	Surrogate recovery - low	5.6 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	cis-1,3-Dichloropropene	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Dibromochloromethane	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Ethylbenzene	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Methyl Ethyl Ketone (2-Butanone)	4.2	J	Surrogate recovery - low	4.2 J
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	22	UJ	Surrogate recovery - low	22 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Methylene Chloride	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Styrene	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	tert-Butyl Methyl Ether	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Tetrachloroethylene (PCE)	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Toluene	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Total 1,2-Dichloroethene	11	UJ	Surrogate recovery - low	11 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	trans-1,3-Dichloropropene	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Trichloroethylene (TCE)	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Vinyl Chloride	5.6	UJ	Surrogate recovery - low	5.6 UJ
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Xylenes, Total	11	UJ	Surrogate recovery - low	11 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	1,1,1-Trichloroethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	1,1,2,2-Tetrachloroethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	1,1,2-Trichloroethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	1,1-Dichloroethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	1,1-Dichloroethene	6.1	UJ	Surrogate recovery - low	6.1 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	1,2-Dibromoethane (Ethylene Dibromide)	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	1,2-Dichloroethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	1,2-Dichloropropane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	2-Hexanone	24	UJ	Surrogate recovery - low	24 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Acetone	52	J	Surrogate recovery - low	52 J
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Benzene	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Bromochloromethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Bromodichloromethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Bromoform	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Bromomethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Carbon Disulfide	3.6	J	Surrogate recovery - low	3.6 J
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Carbon Tetrachloride	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Chlorobenzene	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Chloroethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Chloroform	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Chloromethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	cis-1,3-Dichloropropene	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Dibromochloromethane	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Ethylbenzene	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Methyl Ethyl Ketone (2-Butanone)	9.2	J	Surrogate recovery - low	9.2 J

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	24	UJ	Surrogate recovery - low	24 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Methylene Chloride	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Styrene	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	tert-Butyl Methyl Ether	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Tetrachloroethylene (PCE)	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Toluene	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Total 1,2-Dichloroethene	12	UJ	Surrogate recovery - low	12 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	trans-1,3-Dichloropropene	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Trichloroethylene (TCE)	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Vinyl Chloride	6.1	UJ	Surrogate recovery - low	6.1 UJ
070SB-0017M-0001-SO	11/14/2012	240-17768-1	240-17768-7	Xylenes, Total	12	UJ	Surrogate recovery - low	12 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	1,1,1-Trichloroethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	1,1,2,2-Tetrachloroethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	1,1,2-Trichloroethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	1,1-Dichloroethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	1,1-Dichloroethene	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	1,2-Dibromoethane (Ethylene Dibromide)	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	1,2-Dichloroethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	1,2-Dichloropropane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	2-Hexanone	23 U	U	Surrogate recovery - low	23 U

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Acetone	41	J	Surrogate recovery - low	41 J
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Benzene	1.3	J	Surrogate recovery - low	1.3 J
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Bromochloromethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Bromodichloromethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Bromoform	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Bromomethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Carbon Disulfide	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Carbon Tetrachloride	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Chlorobenzene	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Chloroethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Chloroform	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Chloromethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	cis-1,3-Dichloropropene	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Dibromochloromethane	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Ethylbenzene	1.8	J	Surrogate recovery - low	1.8 J
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Methyl Ethyl Ketone (2-Butanone)	12	J	Surrogate recovery - low	12 J
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Methylene Chloride	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Styrene	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	tert-Butyl Methyl Ether	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Tetrachloroethylene (PCE)	5.7	UJ	Surrogate recovery - low	5.7 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Toluene	3.3	J	Surrogate recovery - low	3.3 J
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Total 1,2-Dichloroethene	11	UJ	Surrogate recovery - low	11 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	trans-1,3-Dichloropropene	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Trichloroethylene (TCE)	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Vinyl Chloride	5.7	UJ	Surrogate recovery - low	5.7 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Xylenes, Total	11	UJ	Surrogate recovery - low	11 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	1,1,1-Trichloroethane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	1,1,2,2-Tetrachloroethane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	1,1,2-Trichloroethane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	1,1-Dichloroethane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	1,1-Dichloroethene	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	1,2-Dibromoethane (Ethylene Dibromide)	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	1,2-Dichloroethane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	1,2-Dichloropropane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Acetone	10	UJ	Surrogate recovery - low	10 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Benzene	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Bromochloromethane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Bromodichloromethane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Bromoform	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Bromomethane	2.6	UJ	Surrogate recovery - low	2.6 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Carbon Disulfide	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Carbon Tetrachloride	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Chlorobenzene	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Chloroethane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Chloroform	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Chloromethane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	cis-1,3-Dichloropropene	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Dibromochloromethane	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Ethylbenzene	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Methyl Ethyl Ketone (2-Butanone)	10	UJ	Surrogate recovery - low	10 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Methylene Chloride	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Styrene	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	tert-Butyl Methyl Ether	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Tetrachloroethylene (PCE)	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Toluene	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Total 1,2-Dichloroethene	5.1	UJ	Surrogate recovery - low	5.1 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	trans-1,3-Dichloropropene	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Trichloroethylene (TCE)	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Vinyl Chloride	2.6	UJ	Surrogate recovery - low	2.6 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Xylenes, Total	5.1	UJ	Surrogate recovery - low	5.1 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	1,1,1-Trichloroethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	1,1,2,2-Tetrachloroethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	1,1,2-Trichloroethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	1,1-Dichloroethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	1,1-Dichloroethene	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	1,2-Dibromoethane (Ethylene Dibromide)	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	1,2-Dichloroethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	1,2-Dichloropropane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	2-Hexanone	38	UJ	Surrogate recovery - low	38 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Acetone	38	UJ	Surrogate recovery - low	38 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Benzene	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Bromochloromethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Bromodichloromethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Bromoform	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Bromomethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Carbon Disulfide	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Carbon Tetrachloride	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Chlorobenzene	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Chloroethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Chloroform	9.5	UJ	Surrogate recovery - low	9.5 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Chloromethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	cis-1,3-Dichloropropene	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Dibromochloromethane	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Ethylbenzene	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Methyl Ethyl Ketone (2-Butanone)	38	UJ	Surrogate recovery - low	38 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	38	UJ	Surrogate recovery - low	38 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Methylene Chloride	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Styrene	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	tert-Butyl Methyl Ether	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Tetrachloroethylene (PCE)	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Toluene	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Total 1,2-Dichloroethene	19	UJ	Surrogate recovery - low	19 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	trans-1,3-Dichloropropene	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Trichloroethylene (TCE)	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Vinyl Chloride	9.5	UJ	Surrogate recovery - low	9.5 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Xylenes, Total	19	UJ	Surrogate recovery - low	19 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	1,1,1-Trichloroethane	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	1,1,2,2-Tetrachloroethane	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	1,1,2-Trichloroethane	8.7	UJ	Surrogate recovery - low	8.7 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	1,1-Dichloroethane	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	1,1-Dichloroethene	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	1,2-Dibromoethane (Ethylene Dibromide)	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	1,2-Dichloroethane	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	1,2-Dichloropropane	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	2-Hexanone	35	UJ	Surrogate recovery - low	35 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Acetone	35	UJ	Surrogate recovery - low	35 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Benzene	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Bromochloromethane	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Bromodichloromethane	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Bromoform	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Bromomethane	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Carbon Disulfide	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Carbon Tetrachloride	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Chlorobenzene	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Chloroethane	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Chloroform	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Chloromethane	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	cis-1,3-Dichloropropene	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Dibromochloromethane	8.7	UJ	Surrogate recovery - low	8.7 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Ethylbenzene	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Methyl Ethyl Ketone (2-Butanone)	35	UJ	Surrogate recovery - low	35 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	35	UJ	Surrogate recovery - low	35 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Methylene Chloride	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Styrene	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	tert-Butyl Methyl Ether	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Tetrachloroethylene (PCE)	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Toluene	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Total 1,2-Dichloroethene	17	UJ	Surrogate recovery - low	17 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	trans-1,3-Dichloropropene	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Trichloroethylene (TCE)	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Vinyl Chloride	8.7	UJ	Surrogate recovery - low	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Xylenes, Total	17	UJ	Surrogate recovery - low	17 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	1,1,1-Trichloroethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	1,1,2,2-Tetrachloroethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	1,1,2-Trichloroethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	1,1-Dichloroethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	1,1-Dichloroethene	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	1,2-Dibromoethane (Ethylene Dibromide)	7.4	UJ	Surrogate recovery - low	7.4 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	1,2-Dichloroethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	1,2-Dichloropropane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	2-Hexanone	29	UJ	Surrogate recovery - low	29 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Acetone	28	J	Surrogate recovery - low	28 J
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Benzene	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Bromochloromethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Bromodichloromethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Bromoform	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Bromomethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Carbon Disulfide	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Carbon Tetrachloride	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Chlorobenzene	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Chloroethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Chloroform	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Chloromethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	cis-1,3-Dichloropropene	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Dibromochloromethane	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Ethylbenzene	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Methyl Ethyl Ketone (2-Butanone)	29	UJ	Surrogate recovery - low	29 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	29	UJ	Surrogate recovery - low	29 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Methylene Chloride	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Styrene	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	tert-Butyl Methyl Ether	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Tetrachloroethylene (PCE)	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Toluene	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Total 1,2-Dichloroethene	15	UJ	Surrogate recovery - low	15 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	trans-1,3-Dichloropropene	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Trichloroethylene (TCE)	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Vinyl Chloride	7.4	UJ	Surrogate recovery - low	7.4 UJ
070SS-0007M-0001-SO	11/4/2012	240-17230-1	240-17230-6	Xylenes, Total	14	UJ	Surrogate recovery - low	14 UJ
SVOC (µg/Kg)								
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	1,2,4-Trichlorobenzene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	1,2-Dichlorobenzene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	1,3-Dichlorobenzene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	1,4-Dichlorobenzene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	2,4-Dinitrotoluene	2000	UJ	Surrogate recovery - low	2000 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	2,6-Dinitrotoluene	2000	UJ	Surrogate recovery - low	2000 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	2-Chloronaphthalene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	2-Methylnaphthalene	67	UJ	Surrogate recovery - low	67 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	2-Nitroaniline	2000	UJ	Surrogate recovery - low	2000 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	3,3'-Dichlorobenzidine	1000	UJ	Surrogate recovery - low	1000 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	3-Nitroaniline	2000	UJ	Surrogate recovery - low	2000 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	4-Bromophenyl phenyl ether	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	4-Chloroaniline	1500	UJ	Surrogate recovery - low	1500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	4-Chlorophenyl Phenyl Ether	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	4-Nitroaniline	2000	UJ	Surrogate recovery - low	2000 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Acenaphthene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Acenaphthylene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Anthracene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Benzo(a)anthracene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Benzo(a)pyrene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Benzo(b)fluoranthene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Benzyl butyl phthalate	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Benzo(g,h,i)perylene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Benzo(k)fluoranthene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	UJ	Surrogate recovery - low	1000 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	bis(2-Chloroethoxy) Methane	1000	UJ	Surrogate recovery - low	1000 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	bis(2-Chloroisopropyl) Ether	1000	UJ	Surrogate recovery - low	1000 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	bis(2-Ethylhexyl) Phthalate	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Carbazole	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Chrysene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Dibenzofuran	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Di-n-Butyl Phthalate	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Di-n-Octylphthalate	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Dibenz(a,h)anthracene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Diethyl Phthalate	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Dimethyl Phthalate	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Fluoranthene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Fluorene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Hexachlorobenzene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Hexachlorobutadiene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Hexachlorocyclopentadiene	3300	UJ	Surrogate recovery - low	3300 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Hexachloroethane	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Indeno(1,2,3-cd)Pyrene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Isophorone	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Naphthalene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Nitrobenzene	1000	UJ	Surrogate recovery - low	1000 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	n-Nitrosodi-n-propylamine	500	UJ	Surrogate recovery - low	500 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	n-Nitrosodiphenylamine	500	UJ	Surrogate recovery - low	500 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Phenanthrene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0051M-0001-SO	12/7/2012	240-18581-1	240-18581-20	Pyrene	67	UJ	Surrogate recovery - low	67 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	1,2,4-Trichlorobenzene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	1,2-Dichlorobenzene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	1,3-Dichlorobenzene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	1,4-Dichlorobenzene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	2,4-Dinitrotoluene	2000	UJ	Surrogate recovery - low	2000 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	2,6-Dinitrotoluene	2000	UJ	Surrogate recovery - low	2000 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	2-Chloronaphthalene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	2-Methylnaphthalene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	2-Nitroaniline	2000	UJ	Surrogate recovery - low	2000 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	3,3'-Dichlorobenzidine	1000	UJ	Surrogate recovery - low	1000 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	3-Nitroaniline	2000	UJ	Surrogate recovery - low	2000 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	4-Bromophenyl phenyl ether	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	4-Chloroaniline	1500	UJ	Surrogate recovery - low	1500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	4-Chlorophenyl Phenyl Ether	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	4-Nitroaniline	2000	UJ	Surrogate recovery - low	2000 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Acenaphthene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Acenaphthylene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Anthracene	66	UJ	Surrogate recovery - low	66 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Benzo(a)anthracene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Benzo(a)pyrene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Benzo(b)fluoranthene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Benzyl butyl phthalate	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Benzo(g,h,i)perylene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Benzo(k)fluoranthene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Carbazole	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Chrysene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Dibenzofuran	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Diethyl Phthalate	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Dimethyl Phthalate	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Fluoranthene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Fluorene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Hexachlorobenzene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Hexachlorobutadiene	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Hexachlorocyclopentadiene	3300	UJ	Surrogate recovery - low	3300 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Hexachloroethane	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Indeno(1,2,3-cd)Pyrene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Isophorone	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	n-Nitrosodi-n-propylamine	500	UJ	Surrogate recovery - low	500 UJ

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	n-Nitrosodiphenylamine	500	UJ	Surrogate recovery - low	500 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Naphthalene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Nitrobenzene	1000	UJ	Surrogate recovery - low	1000 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Phenanthrene	66	UJ	Surrogate recovery - low	66 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Pyrene	66	UJ	Surrogate recovery - low	66 UJ
Pesticides (µg/Kg)								
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Aldrin	200	R	Surrogate recovery < 10%	200 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	alpha BHC (alpha Hexachlorocyclohexane)	120	R	Surrogate recovery < 10%	120 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	beta BHC (beta Hexachlorocyclohexane)	170	R	Surrogate recovery < 10%	170 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	delta BHC (delta Hexachlorocyclohexane)	200	R	Surrogate recovery < 10%	200 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	gamma BHC (Lindane)	120	R	Surrogate recovery < 10%	120 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	alpha-Chlordane	150	R	Surrogate recovery < 10%	150 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	gamma-Chlordane	84	R	Surrogate recovery < 10%	84 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Dieldrin	84	R	Surrogate recovery < 10%	84 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	alpha Endosulfan	84	R	Surrogate recovery < 10%	84 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	beta Endosulfan	120	R	Surrogate recovery < 10%	120 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Endosulfan Sulfate	150	R	Surrogate recovery < 10%	150 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Endrin	84	R	Surrogate recovery < 10%	84 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Endrin Aldehyde	150	R	Surrogate recovery < 10%	150 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Endrin Ketone	99	R	Surrogate recovery < 10%	99 R

Table 2-5: Surrogate Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Pesticides (µg/Kg)								
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Heptachlor	170	R	Surrogate recovery < 10%	170 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Heptachlor Epoxide	120	R	Surrogate recovery < 10%	120 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Methoxychlor	250	R	Surrogate recovery < 10%	250 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	4,4'-DDT	99	R	Surrogate recovery < 10%	99 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	4,4'-DDD	99	R	Surrogate recovery < 10%	99 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	4,4'-DDE	84	R	Surrogate recovery < 10%	84 R
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Toxaphene	3300	R	Surrogate recovery < 10%	3300 R

Notes:

SDG = Sample Deliver Group

µg/Kg = Micrograms per kilogram

VOC = Volatile Organic Compound

SVOC = Semi-volatile Organic Compound

UJ = Not Detected, with estimated reporting limit

J = Estimated

R = Rejected

BHC = Hexachlorocyclohexane

DDD = Dichlorodiphenyldichloroethane

DDT = Dichlorodiphenyltrichloroethane

DDE = Dichlorodiphenyldichloroethylene

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 dinoseb qualified as R in seven herbicide soil boring ISM samples, 070SB-0027M-0001-SO, 070SB-0028M-0001-SO, 070SB-0029M-0001-SO, 070SB-0030M-0001-SO, 070SB-0031M-0001-SO, 070SB-0032M-0001-SO, and 070SB-0033M-0001-SO, because the LCS recovery was less than 10%. Nitrocellulose was qualified as J (estimated) due to low percent recoveries, in two samples, 070SS-0006M-0001-SO and 070SS-0007M-0001-SO. See Table 2-6 for qualified data.

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 unspiked portion of the sample for the percent of the spiked analytes. MS/MSD samples were analyzed for each SDG for all analyses. Low MS recovery exceedances for non-detects are qualified as UJ (non-detect with an estimate reporting limit) and detects qualified as J (estimated). High MS recovery exceedances are qualified as J (estimated) for detections.

MS/MSD results were provided for all analyses. All MS and MSD recoveries and RPDs were within QAPP limits with the exception of those listed in Table 2-7. SVOC analytes 3,3'-dichlorobenzidine, benzoic acid, and 4-chloroaniline for sample 070SS-0006M-0001-SO have MS recoveries less than 10%; sample results for these compounds, all non-detect, are qualified as R. SVOC analytes 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol for sample 070SB-0011M-0001-SO have MS recoveries less than 10%; sample results for these compounds, both non-detect are qualified as R. The analyte 4-chloroaniline for samples 070SB-0016M-SO, 070SB-0042M-0001-SO, and 070SB-0044M-0001-SO have MS recoveries less than 10%; sample results for this compound, all non-detects, are qualified as R.

This page intentionally left blank.

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

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Herbicides (µg/Kg)								
070SB-0027M-0001-SO	11/13/2012	240-17669-1	240-17669-9	Dinoseb	12	R	LCS Recovery < 10%	12 R
070SB-0028M-0001-SO	11/13/2012	240-17669-1	240-17669-10	Dinoseb	12	R	LCS Recovery < 10%	12 R
070SB-0029M-0001-SO	11/13/2012	240-17669-1	240-17669-11	Dinoseb	12	R	LCS Recovery < 10%	12 R
070SB-0030M-0001-SO	11/13/2012	240-17669-1	240-17669-12	Dinoseb	12	R	LCS Recovery < 10%	12 R
070SB-0031M-0001-SO	11/13/2012	240-17669-1	240-17669-13	Dinoseb	12	R	LCS Recovery < 10%	12 R
070SB-0032M-0001-SO	11/13/2012	240-17669-1	240-17669-14	Dinoseb	12	R	LCS Recovery < 10%	12 R
070SB-0033M-0001-SO	11/13/2012	240-17669-1	240-17669-15	Dinoseb	12	R	LCS Recovery < 10%	12 R
Nitrocellulose (mg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Nitrocellulose	1.0	J	LCS Recovery - low	1.0 J
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Nitrocellulose	0.90	J	LCS Recovery - low	0.90 J

Notes:

SDG = Sample Delivery Group
 µg/Kg = Micrograms per kilogram
 mg/Kg = Milligrams per kilogram

R = Rejected
 J = Estimated
 LCS = Laboratory Control Sample

This page intentionally left blank.

Table 2-7: Matrix Spike/Matrix Spike Duplicate Recoveries and Relative Percent Differences

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	2,4-Dinitrophenol	1300	R	MS Recovery < 10%	1300 R
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	4,6-Dinitro-2-Methylphenol	600	R	MS Recovery < 10%	600 R
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	4-Chloroaniline	1500	R	MS Recovery < 10%	1500 R
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	4-Nitroaniline	2000	J	MS Recovery < 10%	2000 J
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	Dibenz(a,h)anthracene	67	J	MS Recovery < 10%	67 J
070SB-0016M-0001-SO	11/14/2012	240-17768-1	240-17768-6	n-Nitrosodiphenylamine	500	J	MS Recovery < 10%	500 J
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	2-Methylnaphthalene	680	J	MS Recovery - low	680 J
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	4-Chloroaniline	1500	R	MS Recovery < 10%	1500 R
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Dibenz(a,h)anthracene	66	UJ	MS Recovery - low	66 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Fluorene	650	J	MS Recovery - low	650 J
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	4-Chloroaniline	1500	R	MS Recovery < 10%	1500 R
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	bis(2-Chloroethoxy) Methane	1000	UJ	MS Recovery - low	1000 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Dibenz(a,h)anthracene	67	UJ	MS Recovery - low	67 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Indeno(1,2,3-c,d)Pyrene	67	UJ	MS Recovery - low	67 UJ
070SB-0052M-0001-SO	12/7/2012	240-18581-1	240-18581-21	Benzo(a)pyrene	66	UJ	MS Recovery - low	66 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	3,3'-Dichlorobenzidine	490	R	MS Recovery < 10%	490 R
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	3-Nitroaniline	990	UJ	MS Recovery - low	990 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	4-Amino-2,6-dinitrotoluene	0.25	UJ	MS Recovery - low	0.25 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	4-Chloroaniline	740	R	MS Recovery < 10%	740 R

Table 2-7: Matrix Spike/Matrix Spike Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	4-Nitroaniline	990	UJ	MS Recovery - low	990 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Fluoranthene	370	J	MS Recovery - low	370 J
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Benzoic acid	3300	R	MS Recovery < 10%	3300 R
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Phenanthrene	420	J	MS % REC low	420 J
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Bromochloromethane	8.7	UJ	MS RPD	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Bromodichloromethane	8.7	UJ	MS RPD	8.7 UJ
070SB-0027M-0001-SO	11/13/2012	240-17669-1	240-17669-9	Dichloroprop	80	UJ	MS Recovery - low	80 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	1,2-Dichlorobenzene	500	UJ	MS Recovery - low	500 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	1,3-Dichlorobenzene	500	UJ	MS Recovery - low	500 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	1,2,4-Trichlorobenzene	510	UJ	MS Recovery - low	510 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	1,2-Dichlorobenzene	510	UJ	MS Recovery - low	510 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Ethylbenzene	1.8 J	J	MS Recovery - low	1.8 J
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	1,1,1-Trichloroethane	8.7	UJ	MS RPD	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	1,1,2,2-Tetrachloroethane	8.7	UJ	MS RPD	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	2-Hexanone	35	UJ	MS RPD	35 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Ethylbenzene	8.7	UJ	MS Recovery - low, MS RPD	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Methylene Chloride	8.7	UJ	MS RPD	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Tetrachloroethylene (PCE)	8.7	UJ	MS RPD	8.7 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	trans-1,3-Dichloropropene	8.7	UJ	MS RPD	8.7 UJ

Table 2-7: Matrix Spike/Matrix Spike Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Chlorobenzene	8.7	UJ	MS Recovery - low, MS RPD	8.7 UJ
Metals (mg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Antimony	1.4	J	MS Recovery - low	1.4 J
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Selenium	0.89	J	MS Recovery - low	0.89 J
Herbicides (µg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Dicamba	40	UJ	MS Recovery - low	40 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Silvex (2,4,5-TP)	20	UJ	MS Recovery - low	20 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Dichloroprop	80	UJ	MS Recovery - low	80 UJ
Pesticides (µg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	alpha-Chlordane	30	UJ	MS Recovery - low	30 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Endosulfan Sulfate	30	UJ	MS Recovery - low, MS RPD	30 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	alpha BHC (alpha Hexachlorocyclohexane)	25	UJ	MS RPD	25 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	alpha Endosulfan	17	UJ	MS RPD	17 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	delta BHC (delta Hexachlorocyclohexane)	40	UJ	MS Recovery - low	40 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	gamma BHC (Lindane)	25	UJ	MS Recovery - low	25 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	gamma-Chlordane	17	UJ	MS Recovery - low	17 UJ

Table 2-7: Matrix Spike/Matrix Spike Recoveries and Relative Percent Differences (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Explosives (mg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Nitroglycerin	0.5	UJ	MS Recovery - low	0.50 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Tetryl	0.25	UJ	MS Recovery - low	0.25 UJ

Notes:

SDG = Sample Delivery Group

SVOC = Semi-volatile Organic Compound

VOC = Volatile Organic Compound

mg/Kg = Milligrams per kilogram

µg/Kg = Micrograms per kilogram

J = Estimated

UJ = Not Detected, with estimated reporting limit

R = Rejected

MS = Matrix Spike

RPD = Relative Percent Difference

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 QAPP limits, except for those shown on Table 2-8. See the field duplicate DVRW for all field duplicate results.

2.11 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. Select VOCs were re-analyzed due to quality exceedances, and the original and re-analysis results were similar. Select PCBs were re-analyzed and the re-analysis results were reported. Due to high levels of TPH at this site, one VOC sample required dilution. SVOC and pesticide samples also had to be diluted due to matrix interference. SVOC MRLs exceeded the facility-wide cleanup goals (FWCUG) for benzo(a)pyrene (7 samples), dibenzo(a,h)anthracene (11 samples), and n-nitroso-n-propylamine (33 samples) and pesticide reporting limits exceeded the FWCUG for aldrin (2 samples). 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).

2.12 Internal Standards

All methods 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. No qualifications were required.

2.13 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. All serial dilution percent differences were within limits.

2.14 Post Digestion Spikes

Post digestion spikes for metals analysis may be performed if MS recovery is out of limits and analyte results are not greater than 50 times the MRL. Post digestion spikes were within limits.

This page intentionally left blank.

Table 2-8: Field Duplicate Relative Percent Differences

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Chrysene	190	J	Field Duplicate RPD	190 J
070SB-0043M-0001-SO	12/7/2012	240-18581-1	240-18581-2	Chrysene	98	J	Field Duplicate RPD	98 J
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Acenaphthene	40	J	Field Duplicate RPD	40 J
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Fluorene	38	J	Field Duplicate RPD	38 J
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Pyrene	280	J	Field Duplicate RPD	280 J
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Acenaphthene	68	J	Field Duplicate RPD	68 J
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Fluorene	77	J	Field Duplicate RPD	77 J
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Pyrene	480	J	Field Duplicate RPD	480 J
Metals (mg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Chromium	35	J	Field Duplicate RPD	35 J
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Lead	62	J	Field Duplicate RPD	62 J
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Chromium	21	J	Field Duplicate RPD	21 J
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Lead	42	J	Field Duplicate RPD	42 J

Notes:

SDG = Sample Delivery Group

SVOC = Semi-volatile Organic Compound

µg/Kg = Micrograms per kilogram

mg/Kg = Milligrams per kilogram

J = Estimated

RPD = Relative Percent Difference

This page intentionally left blank.

2.15 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 QC limits with the exception of 2,6-dinitrotoluene in explosives sample 070SS-0005M-0001-SO, dichlorodiphenyltrichloroethane (4,4'-DDT) in pesticide sample 070SS-0006M-0001-SO, and Arochlor-1242 and Arochlor-1260 in PCB samples 070SS-0006M-0001-SO and 070SS-0007M-0001-SO, respectively. See Table 2-9 for qualified results.

2.16 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 MRL % REC is less than 10%, then non-detects are qualified as R and detects are qualified as J.

The MRL check is within limits for all methods, with the exception of those listed in Table 2-10, which have MRL check sample recoveries below 70%. Sample 070SS-0006M-0001-SO has an SVOC MRL (4,6-Dinitro-2-Methylphenol) less than 10% and is thus qualified as R.

This page intentionally left blank.

Table 2-9: Dual Column Relative Percent Differences

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Explosives (mg/Kg)								
070SS-0005M-0001-SO	11/5/2012	240-17230-1	240-17230-5	2,6-Dinitrotoluene	0.050	J	Column RPD	0.050 J
Pesticides (µg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	4,4'-DDT	24	J	Column RPD	24 J
PCB (µg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	PCB-1242 (Arochlor 1242)	380	J	Column RPD	380 J
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	PCB-1260 (Arochlor 1260)	43	J	Column RPD	43 J

Notes:

SDG = Sample Delivery Group
 mg/Kg = Milligrams per kilogram
 µg/Kg = Micrograms per kilogram
 PCB = Polychlorinated Biphenyls

J = Estimated
 DDT = Dichlorodiphenyltrichloroethane
 RPD = Relative Percent Difference

This page intentionally left blank.

Table 2-10: Method Reporting Limit Check Recoveries

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
VOC (µg/Kg)								
070SB-0011M-0001-SO	11/14/2012	240-17768-1	240-17768-1	n-Nitrosodi-n-propylamine	200	UJ	MRL Recovery - low	200 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Tetrachloroethylene (PCE)	480	UJ	MRL Recovery - low	480 UJ
070SB-0012M-0001-SO	11/14/2012	240-17768-1	240-17768-2	Trichloroethylene (TCE)	480	UJ	MRL Recovery - low	480 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Tetrachloroethylene (PCE)	230	UJ	MRL Recovery - low	230 UJ
070SB-0014M-0001-SO	11/14/2012	240-17768-1	240-17768-4	Trichloroethylene (TCE)	230	UJ	MRL Recovery - low	230 UJ
070SB-0040M-0001-SO	11/13/2012	240-17669-1	240-17669-22	Methylene Chloride	0.65	U	MRL Recovery - low	4.3 U
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	Acetone	10	UJ	MRL Recovery - low	10 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	Acetone	38	UJ	MRL Recovery - low	38 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	Acetone	35	UJ	MRL Recovery - low	35 UJ
070SS-0007M-0001-SO	11/5/2012	240-17230-1	240-17230-7	Acetone	28	J	MRL Recovery - low	28 J
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	2-Hexanone	18	UJ	MRL Recovery - low	18 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	2-Hexanone	1.8	U	MRL Recovery - low	23 U
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Methylene Chloride	8.0	U	MRL Recovery - low	5.2 U
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	1.3	U	MRL Recovery - low	23 U
SVOC (µg/Kg)								
070SB-0020M-0001-SO	11/13/2012	240-17669-1	240-17669-2	2,4-Dinitrophenol	330	UJ	MRL Recovery - low	330 UJ
070SB-0023M-0001-SO	11/13/2012	240-17669-1	240-17669-5	2,4-Dinitrophenol	330	UJ	MRL Recovery - low	330 UJ
070SB-0024M-0001-SO	11/13/2012	240-17669-1	240-17669-6	2,4-Dinitrophenol	330	UJ	MRL Recovery - low	330 UJ
070SB-0025M-0001-SO	11/13/2012	240-17669-1	240-17669-7	2,4-Dinitrophenol	330	UJ	MRL Recovery - low	330 UJ
070SB-0026M-0001-SO	11/13/2012	240-17669-1	240-17669-8	2,4-Dinitrophenol	370	UJ	MRL Recovery - low	370 UJ

Table 2-10: Method Reporting Limit Check Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0027M-0001-SO	11/13/2012	240-17669-1	240-17669-9	2,4-Dinitrophenol	330	UJ	MRL Recovery - low	330 UJ
070SB-0030M-0001-SO	11/13/2012	240-17669-1	240-17669-12	2,4-Dinitrophenol	330	UJ	MRL Recovery - low	330 UJ
070SB-0031M-0001-SO	11/13/2012	240-17669-1	240-17669-13	2,4-Dinitrophenol	330	UJ	MRL Recovery - low	330 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
070SB-0043M-0001-SO	12/7/2012	240-18581-1	240-18581-2	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
070SB-0045M-0001-SO	12/7/2012	240-18581-1	240-18581-4	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	2,4-Dinitrophenol	1600	UJ	MRL Recovery - low	1600 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	2,4-Dinitrophenol	1600	UJ	MRL Recovery - low	1600 UJ
070SS-0003M-0001-SO	11/5/2012	240-17230-1	240-17230-3	2,4-Dinitrophenol	3300	UJ	MRL Recovery - low	3300 UJ
070SS-0005M-0001-SO	11/5/2012	240-17230-1	240-17230-5	2,4-Dinitrophenol	1300	UJ	MRL Recovery - low	1300 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	2,4-Dinitrophenol	1600	UJ	MRL Recovery - low	1600 UJ
070SS-0001M-0001-SO	11/5/2012	240-17230-1	240-17230-1	4,6-Dinitro-2-Methylphenol	750	UJ	MRL Recovery - low	750 UJ
070SS-0002M-0001-SO	11/5/2012	240-17230-1	240-17230-2	4,6-Dinitro-2-Methylphenol	740	UJ	MRL Recovery - low	740 UJ
070SS-0003M-0001-SO	11/5/2012	240-17230-1	240-17230-3	4,6-Dinitro-2-Methylphenol	1500	UJ	MRL Recovery - low	1500 UJ
070SS-0005M-0001-SO	11/5/2012	240-17230-1	240-17230-5	4,6-Dinitro-2-Methylphenol	600	UJ	MRL Recovery - low	600 UJ
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	4,6-Dinitro-2-Methylphenol	740	R	MRL Recovery <10%	740 R

Table 2-10: Method Reporting Limit Check Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
SVOC (µg/Kg)								
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	Benzo(g,h,i)perylene	57	J	MRL Recovery - low	57 J
070SB-0043M-0001-SO	12/7/2012	240-18581-1	240-18581-2	Benzo(g,h,i)perylene	66	UJ	MRL Recovery - low	66 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	Benzo(g,h,i)perylene	67	UJ	MRL Recovery - low	67 UJ
070SB-0045M-0001-SO	12/7/2012	240-18581-1	240-18581-4	Benzo(g,h,i)perylene	67	UJ	MRL Recovery - low	67 UJ
070SB-0046M-0001-SO	12/7/2012	240-18581-1	240-18581-5	Benzo(g,h,i)perylene	67	UJ	MRL Recovery - low	67 UJ
070SB-0047M-0001-SO	12/7/2012	240-18581-1	240-18581-6	Benzo(g,h,i)perylene	67	UJ	MRL Recovery - low	67 UJ
070SB-0042M-0001-SO	12/7/2012	240-18581-1	240-18581-1	n-Nitrosodiphenylamine	500	UJ	MRL Recovery - low	500 UJ
070SB-0043M-0001-SO	12/7/2012	240-18581-1	240-18581-2	n-Nitrosodiphenylamine	490	UJ	MRL Recovery - low	490 UJ
070SB-0044M-0001-SO	12/7/2012	240-18581-1	240-18581-3	n-Nitrosodiphenylamine	510	UJ	MRL Recovery - low	510 UJ
070SB-0045M-0001-SO	12/7/2012	240-18581-1	240-18581-4	n-Nitrosodiphenylamine	500	UJ	MRL Recovery - low	500 UJ
070SB-0049M-0001-SO	12/7/2012	240-18581-1	240-18581-18	n-Nitrosodiphenylamine	50	UJ	MRL Recovery - low	50 UJ
070SB-0050M-0001-SO	12/7/2012	240-18581-1	240-18581-19	n-Nitrosodiphenylamine	51	UJ	MRL Recovery - low	51 UJ
070SS-0048M-0001-SO	12/7/2012	240-18581-1	240-18581-17	n-Nitrosodiphenylamine	51	UJ	MRL Recovery - low	51 UJ
Herbicides (µg/Kg)								
070SB-0027M-0001-SO	11/13/2012	240-17669-1	240-17669-9	MCPA	8000	UJ	MRL Recovery - low	8000 UJ
070SB-0028M-0001-SO	11/13/2012	240-17669-1	240-17669-10	MCPA	8000	UJ	MRL Recovery - low	8000 UJ
070SB-0029M-0001-SO	11/13/2012	240-17669-1	240-17669-11	MCPA	8000	UJ	MRL Recovery - low	8000 UJ
070SB-0030M-0001-SO	11/13/2012	240-17669-1	240-17669-12	MCPA	7900	UJ	MRL Recovery - low	7900 UJ
070SB-0031M-0001-SO	11/13/2012	240-17669-1	240-17669-13	MCPA	8000	UJ	MRL Recovery - low	8000 UJ
070SB-0032M-0001-SO	11/13/2012	240-17669-1	240-17669-14	MCPA	7900	UJ	MRL Recovery - low	7900 UJ

Table 2-10: Method Reporting Limit Check Recoveries (Continued)

Sample Identification	Date Sampled	SDG	Lab Number	Parameter	Lab Result	Data Review Qualifier	Comments	Final Result
Herbicides (µg/Kg)								
070SB-0033M-0001-SO	11/13/2012	240-17669-1	240-17669-15	MCPA	8000	UJ	MRL Recovery - low	8000 UJ
Pesticides (µg/Kg)								
070SS-0006M-0001-SO	11/5/2012	240-17230-1	240-17230-6	4,4'-DDE	8.7	J	MRL Recovery - low	8.7 J

Notes:

SDG = Sample Delivery Group
 SVOC = Semi-volatile Organic Compound
 VOC = Volatile Organic Compound
 µg/Kg = Micrograms per kilogram
 J = Estimated

UJ = Not Detected, with estimate reporting limit
 R = Rejected
 MRL = Method Reporting Limit
 MCPA = 2-Methyl-4-chlorophenoxyacetic acid
 DDE = Dichlorodiphenyldichloroethylene

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. Field completeness was 100%. Two additional TPH-DRO samples and two additional VOC samples were analyzed beyond those originally planned. 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% or greater for all analytes except for SVOCs and herbicides. See Table 3-2 for a summary of analytical completeness.

SVOCs had data qualified as R due to low MS recoveries for 2,4-dinitrophenol, 4,6-dinitro-2-methylphenol, 4-chloroaniline, 3,3'-dichlorobenzidine, and benzoic acid. Dinoseb was below LCS criteria, and all 7 associated non-detects were qualified as R. SVOC analytical completeness is 99.72% and herbicide completeness is 94.70%. Full analytical completeness including SVOC and herbicide analyses is 99.68%.

For sample 07SB-0046M-0001-SO collected in 2012, the pesticide surrogate recovery was less than 10%, which resulted in all 21 pesticides results for the sample being qualified as R. However, as this sample was re-collected in April 2013, the rejected data has no impact on analytical completeness.

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 for characterization site constituents of concern is 100% or greater, except for SVOCs and herbicides. SVOC project completeness is 99.72% and herbicide project completeness is

94.70%. Herbicides are not site constituents of concern at CC RVAAP-70 East Classification Yard, and were collected as part of the full-suite analysis. Full project completeness including SVOCs and herbicides is 101.1% (due to the additional VOC and TPH-DRO samples collected). The overall project completeness exceeds the project completeness goal of 90%. All field characterization samples and valid analytical results met project completeness limits. See Table 3-3 for the project completeness results.

3.4 Data Usability

The overall quality of the CC RVAAP-70 East Classification Yard Site Inspection (SI) information meets or exceeds the established project objectives. Through proper implementation of the project data verification and assessment process, 99.68% of the project data collected has been determined to be acceptable for use (not including the VOC and TPH-DRO additional samples).

Data are usable as qualified J, U, or UJ. Select data are qualified as R. SVOC analytes 3,3'-dichlorobenzidine, benzoic acid, and 4-chloroaniline for sample 070SS-0006M-0001-SO, 2,4-dinitrophenol and 4,6-dinitro-2-methylphenol for sample 070SB-0011M-0001-SO, and 4-chloroaniline for samples 070SB-0016M-0001-SO, 070SB-0042M-0001-SO, and 070SB-0044M-0001-SO are qualified as R due to MS recoveries below 10%. SVOC analyte 4,6-dinitro-2-methylphenol for sample 070SS-0006M-0001-SO is qualified as R due to a low associated MRL recovery. Pesticides in sample 070SB-0046M-0001-SO were less than 10% for all surrogates on both columns; all results are qualified as R. (This sample was re-collected on 1 April 2013, and the re-collected sample was non-detect for all pesticides.) The herbicide dinoseb is qualified as R in seven soil boring ISM samples, 070SB-0027M-0001-SO, 070SB-0028M-0001-SO, 070SB-0029M-0001-SO, 070SB-0030M-0001-SO, 070SB-0031M-0001-SO, 070SB-0032M-0001-SO, and 070SB-0033M-0001-SO, due to an associated LCS recovery below 10%.

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. All results with final qualifiers are presented in Appendix E.

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 quality assurance (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 F. Select analytes had LODs greater than FWQAPP requirements, as documented in Section 2.11. Data with elevated limits were still usable. The environmental

information presented has an established confidence that allows utilization for the project objectives and provides data for future needs.

This page intentionally left blank.

Table 3-1: Field Completeness Summary¹

	VOC/MTBE ²	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives	Propellants
Collected Field Samples	17	49	15	15	22	30	4	12	13	5
Planned Field Samples	15	49	15	13	22	30	4	12	13	5
% Complete	113	100	100	115	100	100	100	100	100	100

Table 3-2: Analytical Completeness Summary

	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives ³	Propellants
Valid Analytes	561	3225	15	30	506	210	84	125	195	10
Collected Analytes	561	3234	15	30	506	210	84	132	195	10
% Complete	100	99.7	100	100	100	100	100	94.7	100	100

Table 3-3: Project Completeness Summary

	VOC/MTBE	SVOC	TPH GRO	TPH DRO	TAL Metals	PCB	Pesticides	Herbicides	Explosives ³	Propellants
Valid Analytes	561	3225	15	30	506	210	84	125	195	10
Planned Analytes	495	3234	15	26	506	210	84	132	195	10
% Complete	113	99.7	100	115	100	100	100	94.7	100	100

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

- 1) Only field samples are included in completeness tally
 - 2) For field completeness, VOC and VOC with methyl tert butyl ethylene (MTBE) both counted as VOC analysis
 - 3) Nitroglycerin counted for completeness as an explosive
- VOC = Volatile Organic Compound
MTBE = Methyl Tertiary-Butyl Ether

SVOC = Semi-volatile Organic Compound
TPH = Total Petroleum Hydrocarbon
DRO = Diesel Range Organic
GRO = Gasoline Range Organic
TAL = Target Analyte List
PCB = Polychlorinated Biphenyls
Propellants include nitroguanidine, nitrocellulose, and nitroglycerin

This page intentionally left blank.

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.

SAIC, 2011. *Final Facility-Wide Sampling and Analysis Plan for Environmental Investigations, Revision 0*. February.

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.

USEPA, 2010. *Final Contract Laboratory Program National Functional Guidelines for Superfund Inorganic Data Review*, EPA-540-R-10-011. January.

This page intentionally left blank.

APPENDIX D
DATA VERIFICATION REPORT

This page intentionally left blank.

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

This page intentionally left blank.

WORKSHEET 1

Automated Data Review Summary for 240-17230-1

This page intentionally left blank.

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

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 Corp., Otis Ang Base, MA

Data Review Contractor:

SDG: 240-17230-1_(70-SS), Certified - 1/3/2013 by MarliciaJauregui

QC Level: ADR

Project Manager:

Data Reviewer: Jackson Kiker

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG 240-17230-1_(70-SS)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	1		1	
M8015D/NONE	3		1	
M8015V/NONE	2	1	0	0
SW6020/NONE	2		1	
SW7471A/NONE	2		1	
SW8081/NONE	1		0	
SW8082/NONE	3		1	
SW8151/NONE	2		1	
SW8260B/NONE	3	1	1	0
SW8270C/NONE	6		1	
SW8330B/NONE	2		1	

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-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 Corp., Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-17230-1_(70-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
- Field Blank
- Initial Calibration Verification
- Lab Replicate RPD
- LCS RPD

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Material Blank

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-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 292 results (34.27%) out of the 852 results (sample and field QC samples) reported are qualified based on review and 4 results (0.47%) 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	
M8015V	
SW7471A	
SW8081	

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8082	
SW8260B	
SW8270C	
SW8330B	
SW6020	
SW8151	

Reviewed by Jackson Kiker,

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Reason and Comment Code Definitions

Reasons		
Code	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
		LCS Recovery
d		Field Duplicate RPD
		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.
		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
		MS Recovery
N		Blank - No Action
O		ICS
P		Sample preservation/collection requirement not met.
P1		Column RPD

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

P2	Improper preparation/extraction
q	Encore sample holding time exceeded by less than 2X.
	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.
	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomolies
Z	LCS RPD
Z2	Analyte not confirmed on second column

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 240-17230-1_(70-SS)

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
6287	6149	NA	LABQC	SQ	LABQC	MB 320-6087/1-B		1/1	20-Nov-2012 6:48 AM	20-Nov-2012 6:48 AM	21-Nov-2012 2:30 PM	LB
	6149	NA	LABQC	SQ	LABQC	LCS 320-6087/2-B		1/1	20-Nov-2012 6:48 AM	20-Nov-2012 6:48 AM	21-Nov-2012 2:32 PM	BS
	6149	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	20-Nov-2012 6:48 AM	21-Nov-2012 2:34 PM	N
	6149	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	20-Nov-2012 6:48 AM	21-Nov-2012 2:36 PM	MS
	6149	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	20-Nov-2012 6:48 AM	21-Nov-2012 2:38 PM	SD
6288	6149	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7		1/1	05-Nov-2012 1:30 PM	20-Nov-2012 6:48 AM	21-Nov-2012 4:52 PM	FD

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
65821	65134	NA	70-4744-DU1-SS	SO	070SS-0001M-0001-SO	240-17230-1		1/5	05-Nov-2012 4:00 PM	15-Nov-2012 9:47 AM	21-Nov-2012 2:36 AM	N
	65134	NA	70-DD-DU2-SS	SO	070SS-0002M-0001-SO	240-17230-2		1/5	05-Nov-2012 4:10 PM	15-Nov-2012 9:47 AM	21-Nov-2012 3:06 AM	N
	65134	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	15-Nov-2012 9:47 AM	21-Nov-2012 4:07 AM	N
	65134	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	15-Nov-2012 9:47 AM	21-Nov-2012 4:38 AM	MS
	65134	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	15-Nov-2012 9:47 AM	21-Nov-2012 5:08 AM	SD
	65134	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7		1/1	05-Nov-2012 1:30 PM	15-Nov-2012 9:47 AM	21-Nov-2012 5:38 AM	FD
	65134	NA	LABQC	SQ	LABQC	MB 240-65134/21-A		1/1	15-Nov-2012 9:47 AM	15-Nov-2012 9:47 AM	21-Nov-2012 6:08 AM	LB
	65134	NA	LABQC	SQ	LABQC	LCS 240-65134/22-A		1/1	15-Nov-2012 9:47 AM	15-Nov-2012 9:47 AM	21-Nov-2012 6:39 AM	BS

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
65273	NA	NA	LABQC	SQ	LABQC	MB 240-65273/11		1/1	16-Nov-2012 1:32 PM		16-Nov-2012 1:32 PM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-65273/12		1/1	16-Nov-2012 2:11 PM		16-Nov-2012 2:11 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

	65380	NA	70-4744-DU1-SS	SO	070SS-0001M-0001-SO	240-17230-1		1/1	05-Nov-2012 4:00 PM	06-Nov-2012 6:30 PM	16-Nov-2012 3:06 PM	N
	65380	NA	70-DD-DU2-SS	SO	070SS-0002M-0001-SO	240-17230-2		1/1	05-Nov-2012 4:10 PM	06-Nov-2012 6:30 PM	16-Nov-2012 3:45 PM	N
65195	65195	NA	LABQC	WQ	LABQC	MB 240-65195/7		1/1	15-Nov-2012 4:07 PM	15-Nov-2012 4:07 PM	15-Nov-2012 4:07 PM	LB
	65195	NA	LABQC	WQ	LABQC	LCS 240-65195/8		1/1	15-Nov-2012 4:42 PM	15-Nov-2012 4:42 PM	15-Nov-2012 4:42 PM	BS
	65195	NA	70-DD-DU2-SS	WG	070SS-0010M-0001-TB	240-17230-8		1/1	05-Nov-2012 11:00 AM	15-Nov-2012 5:16 PM	15-Nov-2012 5:16 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
65867	65145	NA	LABQC	SQ	LABQC	MB 240-65145/1-A		1/1	15-Nov-2012 10:09 AM	15-Nov-2012 10:09 AM	20-Nov-2012 12:20 PM	LB
	65145	NA	LABQC	SQ	LABQC	LCS 240-65145/2-A		1/1	15-Nov-2012 10:09 AM	15-Nov-2012 10:09 AM	20-Nov-2012 12:25 PM	BS
	65145	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	15-Nov-2012 10:09 AM	20-Nov-2012 12:32 PM	SD
	65145	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	15-Nov-2012 10:09 AM	20-Nov-2012 12:42 PM	N
	65145	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	15-Nov-2012 10:09 AM	20-Nov-2012 12:47 PM	MS
	65145	NA	70-4740-DU3-SS	SO	070SS-0003M-0001-SO	240-17230-3		1/1	05-Nov-2012 3:15 PM	15-Nov-2012 10:09 AM	20-Nov-2012 1:01 PM	N
	65145	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7		1/1	05-Nov-2012 1:30 PM	15-Nov-2012 10:09 AM	20-Nov-2012 1:06 PM	FD
66205	65145	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		2/5	05-Nov-2012 1:30 PM	15-Nov-2012 10:09 AM	23-Nov-2012 12:02 PM	SD
	65145	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		2/5	05-Nov-2012 1:30 PM	15-Nov-2012 10:09 AM	23-Nov-2012 12:12 PM	N
	65145	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		2/5	05-Nov-2012 1:30 PM	15-Nov-2012 10:09 AM	23-Nov-2012 12:17 PM	MS
	65145	NA	70-4740-DU3-SS	SO	070SS-0003M-0001-SO	240-17230-3		2/5	05-Nov-2012 3:15 PM	15-Nov-2012 10:09 AM	23-Nov-2012 12:28 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
65450	65191	NA	LABQC	SQ	LABQC	MB 240-65191/1-A		1/1	15-Nov-2012 2:40 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:11 PM	LB
	65191	NA	LABQC	SQ	LABQC	LCS 240-65191/2-A		1/1	15-Nov-2012 2:40 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:13 PM	BS
	65191	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:15 PM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

65191	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6	1/1	05-Nov-2012 1:30 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:16 PM	N
65191	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6	1/1	05-Nov-2012 1:30 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:18 PM	MS
65191	NA	70-4740-DU3-SS	SO	070SS-0003M-0001-SO	240-17230-3	1/1	05-Nov-2012 3:15 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:19 PM	N
65191	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7	1/1	05-Nov-2012 1:30 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:21 PM	FD

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
65528	65200	NA	LABQC	SQ	LABQC	MB 240-65200/4-A		1/1	15-Nov-2012 12:22 PM	15-Nov-2012 12:22 PM	19-Nov-2012 1:42 PM	LB
	65200	NA	LABQC	SQ	LABQC	LCS 240-65200/5-A		1/1	15-Nov-2012 12:22 PM	15-Nov-2012 12:22 PM	19-Nov-2012 2:08 PM	BS
65793	65200	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		1/10	05-Nov-2012 1:30 PM	15-Nov-2012 12:22 PM	20-Nov-2012 4:55 PM	N
	65200	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/10	05-Nov-2012 1:30 PM	15-Nov-2012 12:22 PM	20-Nov-2012 5:21 PM	MS
	65200	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/10	05-Nov-2012 1:30 PM	15-Nov-2012 12:22 PM	20-Nov-2012 5:46 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
65555	65194	NA	70-4740-DU3-SS	SO	070SS-0003M-0001-SO	240-17230-3		1/1	05-Nov-2012 3:15 PM	15-Nov-2012 12:10 PM	19-Nov-2012 12:39 PM	N
	65194	NA	70-4759-DU6-SS	SO	070SS-0005M-0001-SO	240-17230-5		1/1	05-Nov-2012 2:30 PM	15-Nov-2012 12:10 PM	19-Nov-2012 12:54 PM	N
	65194	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		1/5	05-Nov-2012 1:30 PM	15-Nov-2012 12:10 PM	19-Nov-2012 1:09 PM	N
	65194	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/5	05-Nov-2012 1:30 PM	15-Nov-2012 12:10 PM	19-Nov-2012 1:24 PM	MS
	65194	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/5	05-Nov-2012 1:30 PM	15-Nov-2012 12:10 PM	19-Nov-2012 1:39 PM	SD
	65194	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7		1/1	05-Nov-2012 1:30 PM	15-Nov-2012 12:10 PM	19-Nov-2012 1:54 PM	FD
	65194	NA	LABQC	SQ	LABQC	MB 240-65194/20-A		1/1	15-Nov-2012 12:10 PM	15-Nov-2012 12:10 PM	19-Nov-2012 2:09 PM	LB
	65194	NA	LABQC	SQ	LABQC	LCS 240-65194/21-A		1/1	15-Nov-2012 12:10 PM	15-Nov-2012 12:10 PM	19-Nov-2012 3:38 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
------------------	------------	-------------	----------	--------	-----------------	---------------	-----------------	----------------	-------------------------	----------------------	-----------------------	----------------

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

65408	64956	NA	70-4760-DU5-SS	SO	070SS-0004M-0001-SO	240-17230-4		1/1	05-Nov-2012 12:00 PM	14-Nov-2012 10:51 AM	17-Nov-2012 4:35 AM	N
	64956	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	14-Nov-2012 10:51 AM	17-Nov-2012 4:58 AM	N
	64956	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	14-Nov-2012 10:51 AM	17-Nov-2012 5:22 AM	MS
	64956	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	14-Nov-2012 10:51 AM	17-Nov-2012 5:45 AM	SD
	64956	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7		1/1	05-Nov-2012 1:30 PM	14-Nov-2012 10:51 AM	17-Nov-2012 6:09 AM	FD
	64956	NA	LABQC	SQ	LABQC	MB 240-64956/18-A		1/1	14-Nov-2012 10:51 AM	14-Nov-2012 10:51 AM	17-Nov-2012 7:42 AM	LB
	64956	NA	LABQC	SQ	LABQC	LCS 240-64956/19-A		1/1	14-Nov-2012 10:51 AM	14-Nov-2012 10:51 AM	17-Nov-2012 8:06 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
64897	NA	NA	LABQC	SQ	LABQC	LCS 240-64897/6		1/1	14-Nov-2012 12:47 AM		14-Nov-2012 12:47 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-64897/8		1/1	14-Nov-2012 1:29 AM		14-Nov-2012 1:29 AM	LB
	64810	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	06-Nov-2012 6:30 PM	14-Nov-2012 2:57 AM	N
	64810	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	06-Nov-2012 6:30 PM	14-Nov-2012 3:18 AM	MS
	64810	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	06-Nov-2012 6:30 PM	14-Nov-2012 3:40 AM	SD
	64810	NA	70-4744-DU1-SS	SO	070SS-0001M-0001-SO	240-17230-1		1/1	05-Nov-2012 4:00 PM	06-Nov-2012 6:30 PM	14-Nov-2012 4:01 AM	N
	64810	NA	70-DD-DU2-SS	SO	070SS-0002M-0001-SO	240-17230-2		1/1	05-Nov-2012 4:10 PM	06-Nov-2012 6:30 PM	14-Nov-2012 4:22 AM	N
	64810	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7		1/1	05-Nov-2012 1:30 PM	06-Nov-2012 6:30 PM	14-Nov-2012 4:44 AM	FD
64831	64831	NA	LABQC	WQ	LABQC	LCS 240-64831/4		1/1	13-Nov-2012 12:10 PM	13-Nov-2012 12:10 PM	13-Nov-2012 12:10 PM	BS
	64831	NA	LABQC	WQ	LABQC	MB 240-64831/6		1/1	13-Nov-2012 12:55 PM	13-Nov-2012 12:55 PM	13-Nov-2012 12:55 PM	LB
	64831	NA	70-DD-DU2-SS	WG	070SS-0010M-0001-TB	240-17230-8		1/1	05-Nov-2012 11:00 AM	13-Nov-2012 1:37 PM	13-Nov-2012 1:37 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
65693	65169	NA	LABQC	SQ	LABQC	MB 240-65169/23-A		1/1	15-Nov-2012 10:40 AM	15-Nov-2012 10:40 AM	20-Nov-2012 1:48 PM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

	65169	NA	LABQC	SQ	LABQC	LCS 240-65169/24-A		1/1	15-Nov-2012 10:40 AM	15-Nov-2012 10:40 AM	20-Nov-2012 2:08 PM	BS
	65169	NA	70-4740-DU3-SS	SO	070SS-0003M-0001-SO	240-17230-3		1/10	05-Nov-2012 3:15 PM	15-Nov-2012 10:40 AM	20-Nov-2012 3:06 PM	N
	65169	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		1/5	05-Nov-2012 1:30 PM	15-Nov-2012 10:40 AM	20-Nov-2012 3:26 PM	N
	65169	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/5	05-Nov-2012 1:30 PM	15-Nov-2012 10:40 AM	20-Nov-2012 3:45 PM	MS
	65169	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/5	05-Nov-2012 1:30 PM	15-Nov-2012 10:40 AM	20-Nov-2012 4:05 PM	SD
	65169	NA	70-4744-DU1-SS	SO	070SS-0001M-0001-SO	240-17230-1		1/5	05-Nov-2012 4:00 PM	15-Nov-2012 10:40 AM	20-Nov-2012 4:24 PM	N
	65169	NA	70-DD-DU2-SS	SO	070SS-0002M-0001-SO	240-17230-2		1/5	05-Nov-2012 4:10 PM	15-Nov-2012 10:40 AM	20-Nov-2012 4:44 PM	N
	65169	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7		1/5	05-Nov-2012 1:30 PM	15-Nov-2012 10:40 AM	20-Nov-2012 5:23 PM	FD
	65169	NA	70-4759-DU6-SS	SO	070SS-0005M-0001-SO	240-17230-5		1/4	05-Nov-2012 2:30 PM	15-Nov-2012 10:40 AM	20-Nov-2012 5:42 PM	N
66702	65169	NA	70-4760-DU5-SS	SO	070SS-0004M-0001-SO	240-17230-4		1/5	05-Nov-2012 12:00 PM	15-Nov-2012 10:40 AM	29-Nov-2012 12:05 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	LABQC	SQ	LABQC	MB 320-6026/1-A		1/1	16-Nov-2012 10:46 AM	16-Nov-2012 10:46 AM	20-Nov-2012 10:21 PM	LB
	6026	NA	LABQC	SQ	LABQC	LCS 320-6026/2-A		1/1	16-Nov-2012 10:46 AM	16-Nov-2012 10:46 AM	20-Nov-2012 11:02 PM	BS
	6026	NA	70-4759-DU6-SS	SO	070SS-0005M-0001-SO	240-17230-5		1/1	05-Nov-2012 2:30 PM	16-Nov-2012 10:46 AM	20-Nov-2012 11:42 PM	N
	6026	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	16-Nov-2012 10:46 AM	21-Nov-2012 12:22 AM	N
	6026	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	16-Nov-2012 10:46 AM	21-Nov-2012 1:03 AM	MS
	6026	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6		1/1	05-Nov-2012 1:30 PM	16-Nov-2012 10:46 AM	21-Nov-2012 1:43 AM	SD
	6026	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7		1/1	05-Nov-2012 1:30 PM	16-Nov-2012 10:46 AM	21-Nov-2012 2:23 AM	FD
6234	6026	NA	LABQC	SQ	LABQC	MB 320-6026/1-A		2/1	16-Nov-2012 10:46 AM	16-Nov-2012 10:46 AM	21-Nov-2012 5:59 PM	LB
	6026	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6		2/1	05-Nov-2012 1:30 PM	16-Nov-2012 10:46 AM	21-Nov-2012 8:10 PM	N
	6026	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7		2/1	05-Nov-2012 1:30 PM	16-Nov-2012 10:46 AM	21-Nov-2012 9:15 PM	FD
6340	6035	NA	LABQC	SQ	LABQC	MB 320-6035/1-A		1/1	16-Nov-2012 11:29 AM	16-Nov-2012 11:29 AM	26-Nov-2012 12:45 PM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

6035	NA	LABQC	SQ	LABQC	LCS 320-6035/2-A	1/1	16-Nov-2012 11:29 AM	16-Nov-2012 11:29 AM	26-Nov-2012 12:59 PM	BS
6035	NA	70-CDD-DU7-SS	SO	070SS-0006M-0001-SO	240-17230-6	3/1	05-Nov-2012 1:30 PM	16-Nov-2012 11:29 AM	26-Nov-2012 1:13 PM	N
6035	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6	2/1	05-Nov-2012 1:30 PM	16-Nov-2012 11:29 AM	26-Nov-2012 1:28 PM	MS
6035	NA	70-CDD-DU7-SS	SO	070SS-0006M-0002-SO	240-17230-6	2/1	05-Nov-2012 1:30 PM	16-Nov-2012 11:29 AM	26-Nov-2012 1:42 PM	SD
6035	NA	70-CDD-DU7-SS	SO	070SS-0007M-0001-SO	240-17230-7	3/1	05-Nov-2012 1:30 PM	16-Nov-2012 11:29 AM	26-Nov-2012 1:56 PM	FD

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-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
E353.2 / METHOD/NONE	Test Hold Time	070SS-0006M-0001-SO (N) / 240-17230-6	1 / 1.00	Nitrocellulose	16.0 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
E353.2 / METHOD/NONE	Test Hold Time	070SS-0007M-0001-SO (FD) / 240-17230-7	1 / 1.00	Nitrocellulose	16.1 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
M8015V / SW3510C/NONE	Blank	MB 240-65195/7 (LB) / MB 240-65195/7	1 / 1.00	Petroleum Hydrocarbons C6- C12	52.5 (UG/L)	U/None	< 25	< 100	L		1	52.5
M8015V / SW3510C	Prep Hold Time	070SS-0010M-0001-TB (N) / 240-17230-8	1 / 1.00	All in Run	10.3 (Days)	J/UJ	< 7	< 14	H2	Prep Exceeds UWL		
SW6020 / SW3050B/NONE	Blank	MB 240-65145/1-A (LB) / MB 240-65145/1-A	1 / 1.00	Potassium	4.7 (MG/KG)	U/None	< 3.8	< 100	L		5	23.7
SW7471A / TOTAL/NONE	Blank	MB 240-65191/1-A (LB) / MB 240-65191/1-A	1 / 1.00	Mercury	0.025 (MG/KG)	U/None	< 0.014	< 0.1	L		5	0.122
SW8081 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 10.00	alpha BHC (alpha Hexachlorocyclohexane)	59.5 (PERCENT)	J/UJ	60 - 125	20 - 125	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 10.00	alpha-Chlordane	61.3 (PERCENT)	J/UJ	65 - 120	20 - 120	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 10.00	beta BHC (beta Hexachlorocyclohexane)	1140 (PERCENT)	J/None	60 - 125	20 - 125	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 10.00	beta BHC (beta Hexachlorocyclohexane)	1330 (PERCENT)	J/None	60 - 125	20 - 125	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 10.00	delta BHC (delta Hexachlorocyclohexane)	48.0 (PERCENT)	J/UJ	55 - 130	20 - 130	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 10.00	Endosulfan Sulfate	54.4 (PERCENT)	J/UJ	60 - 135	20 - 135	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 10.00	Endrin Ketone	62.5 (PERCENT)	J/UJ	65 - 135	20 - 135	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 10.00	Heptachlor Epoxide	13200 (PERCENT)	J/None	65 - 130	20 - 130	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 10.00	Methoxychlor	52.9 (PERCENT)	J/UJ	55 - 145	20 - 145	M	Diluted Out	2.00	
SW8082 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 5.00	PCB-1016 (Arochlor 1016)	149 (PERCENT)	J/None	40 - 140	20 - 140	M	Diluted Out	2.00	
SW8082 / SW3540C/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 5.00	PCB-1016 (Arochlor 1016)	155 (PERCENT)	J/None	40 - 140	20 - 140	M	Diluted Out	2.00	
SW8151 / METHOD/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 1.00	Dicamba	45.0 (PERCENT)	J/UJ	55 - 110	20 - 110	M			
SW8151 / METHOD/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 1.00	Dicamba	50.8 (PERCENT)	J/UJ	55 - 110	20 - 110	M			
SW8151 / METHOD/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 1.00	Dichloroprop	57.4 (PERCENT)	J/UJ	75 - 140	20 - 140	M			
SW8151 / METHOD/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 1.00	Dichloroprop	66.1 (PERCENT)	J/UJ	75 - 140	20 - 140	M			

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8151 / METHOD/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 1.00	Silvex (2,4,5-TP)	43.0 (PERCENT)	J/UJ	45 - 125	20 - 125	M		
SW8260B / SW5030B/NONE	Blank	MB 240-64831/6 (LB) / MB 240-64831/6	1 / 1.00	Methylene Chloride	1.4 (UG/L)	U/None	< 0.33	< 1	L	2	2.74
SW8260B / SW5035/NONE	Blank	MB 240-64897/8 (LB) / MB 240-64897/8	1 / 1.00	2-Hexanone	0.78 (UG/KG)	U/None	< 0.63	< 20	L	1	0.779
SW8260B / SW5035/NONE	Blank	MB 240-64897/8 (LB) / MB 240-64897/8	1 / 1.00	Methyl Isobutyl Ketone (4- Methyl-2-pentanone)	0.54 (UG/KG)	U/None	< 0.54	< 20	L	1	0.543
SW8260B / SW5035/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 1.00	Chlorobenzene	69.4 (PERCENT)	J/UJ	75 - 125	20 - 125	M		
SW8260B / SW5035/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 1.00	Ethylbenzene	74.5 (PERCENT)	J/UJ	75 - 125	20 - 125	M		
SW8260B / SW5035/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 1.00	Styrene	67.4 (PERCENT)	J/UJ	75 - 125	20 - 125	M		
SW8260B / SW5035/NONE	Surrogate	070SS-0001M-0001-SO (N) / 240-17230-1	1 / 1.00	Dibromofluoromethane	82.0 (PERCENT)	J/UJ	85 - 115	10 - 115	I		
SW8260B / SW5035/NONE	Surrogate	070SS-0002M-0001-SO (N) / 240-17230-2	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	59.3 (PERCENT)	J/UJ	85 - 120	10 - 120	I		
SW8260B / SW5035/NONE	Surrogate	070SS-0002M-0001-SO (N) / 240-17230-2	1 / 1.00	Dibromofluoromethane	75.1 (PERCENT)	J/UJ	85 - 115	10 - 115	I		
SW8260B / SW5035/NONE	Surrogate	070SS-0006M-0001-SO (N) / 240-17230-6	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	75.0 (PERCENT)	J/UJ	85 - 120	10 - 120	I		
SW8260B / SW5035/NONE	Surrogate	070SS-0006M-0001-SO (N) / 240-17230-6	1 / 1.00	Dibromofluoromethane	79.6 (PERCENT)	J/UJ	85 - 115	10 - 115	I		
SW8260B / SW5035/NONE	Surrogate	070SS-0007M-0001-SO (FD) / 240-17230-7	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	81.5 (PERCENT)	J/UJ	85 - 120	10 - 120	I		
SW8260B / SW5035/NONE	Surrogate	070SS-0007M-0001-SO (FD) / 240-17230-7	1 / 1.00	Dibromofluoromethane	84.2 (PERCENT)	J/UJ	85 - 115	10 - 115	I		
SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 5.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/R	10 - 130	10 - 130	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 5.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/R	10 - 130	10 - 130	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 5.00	3-Nitroaniline	12.6 (PERCENT)	J/R	25 - 110	25 - 110	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 5.00	3-Nitroaniline	16.2 (PERCENT)	J/R	25 - 110	25 - 110	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 5.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/R	30 - 135	30 - 135	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 5.00	4-Chloroaniline	0.0000 (PERCENT)	J/R	10 - 95	10 - 95	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 5.00	4-Chloroaniline	0.0000 (PERCENT)	J/R	10 - 95	10 - 95	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 5.00	4-Nitroaniline	0.0000 (PERCENT)	J/R	35 - 115	35 - 115	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 5.00	4-Nitroaniline	24.9 (PERCENT)	J/R	35 - 115	35 - 115	M	Diluted Out	2.00

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 5.00	Fluoranthene	42.0 (PERCENT)	J/R	55 - 115	55 - 115	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 5.00	Phenanthrene	44.4 (PERCENT)	J/R	50 - 110	50 - 110	M	Diluted Out	2.00
SW8330B / METHOD/NONE	Blank	MB 320-6026/1-A (LB) / MB 320-6026/1-A	2 / 1.00	Tetryl	0.019 (MG/KG)	U/None	< 0.01	< 0.25	L		1 0.0189
SW8330B / METHOD/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 1.00	4-Amino-2,6-dinitrotoluene	135 (PERCENT)	J/None	80 - 125	20 - 125	M		
SW8330B / METHOD/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 1.00	Nitroglycerin	72.0 (PERCENT)	J/UJ	76 - 116	20 - 116	M		
SW8330B / METHOD/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 1.00	Nitroglycerin	73.0 (PERCENT)	J/UJ	76 - 116	20 - 116	M		
SW8330B / METHOD/NONE	MS Recovery	070SS-0006M-0002-SO (MS) / 240-17230-6	1 / 1.00	Tetryl	57.9 (PERCENT)	J/UJ	63 - 120	20 - 120	M		
SW8330B / METHOD/NONE	MS Recovery	070SS-0006M-0002-SO (SD) / 240-17230-6	1 / 1.00	Tetryl	60.5 (PERCENT)	J/UJ	63 - 120	20 - 120	M		

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
E353.2/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Nitrocellulose	5.0	1.0	1.0 J	-	MG/KG	TR/M/C
E353.2/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Nitrocellulose	5.0	0.90	0.90 J	-	MG/KG	TR/C
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015D/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	C10-C20 Diesel Range Organics	84.0	50.0	50.0 J		MG/KG	TR
M8015D/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	C10-C20 Diesel Range Organics	82.0	73.0	73.0 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Silver	0.098	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Thallium	0.20	0.17	0.17 J		MG/KG	TR
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Antimony	0.19	1.4	1.4 J		MG/KG	m
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Chromium	0.46	52.8	52.8 J		MG/KG	D1
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Lead	0.28	174	174 J		MG/KG	D1
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Selenium	0.46	0.89	0.89 J		MG/KG	m
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Silver	0.093	0.035	0.035 J		MG/KG	TR
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Sodium	93.0	55.0	55.0 J		MG/KG	TR
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Chromium	0.48	21.0	21.0 J		MG/KG	d
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Lead	0.29	42.0	42.0 J		MG/KG	d
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Silver	0.096	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Sodium	96.0	49.0	49.0 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Mercury	0.091	0.039	0.091 U	+	MG/KG	L
SW7471A/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Mercury	0.091	0.041	0.091 U	+	MG/KG	L
SW7471A/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Mercury	0.11	0.067	0.11 U	+	MG/KG	L
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	alpha BHC (alpha Hexachlorocyclohexane)	25.0	25.0	25.0 UJ		UG/KG	TR/D
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	alpha Endosulfan	17.0	17.0	17.0 UJ		UG/KG	D
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	alpha-Chlordane	30.0	30.0	30.0 UJ		UG/KG	m
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	delta BHC (delta Hexachlorocyclohexane)	40.0	40.0	40.0 UJ		UG/KG	TR/m
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Endosulfan Sulfate	30.0	30.0	30.0 UJ		UG/KG	TR/m/D
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Endrin	17.0	17.0	17.0 UJ		UG/KG	V2
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Endrin Aldehyde	30.0	30.0	30.0 UJ		UG/KG	V2

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Endrin Ketone	20.0	20.0	20.0 UJ		UG/KG	TR/m/V2
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	gamma BHC (Lindane)	25.0	25.0	25.0 UJ		UG/KG	m
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	gamma-Chlordane	17.0	17.0	17.0 UJ		UG/KG	m
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Heptachlor	35.0	35.0	35.0 UJ		UG/KG	V2
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Methoxychlor	50.0	50.0	50.0 UJ		UG/KG	TR/m/D/V2
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	p,p'-DDD	20.0	20.0	20.0 UJ		UG/KG	D/V2
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	p,p'-DDE	17.0	8.7	8.7 J		UG/KG	TR/I/J
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	p,p'-DDT	20.0	24.0	24.0 J		UG/KG	I/P
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Toxaphene	670	670	670 UJ		UG/KG	V1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	PCB-1254 (Arochlor 1254)	55.0	47.0	47.0 J		UG/KG	TR
SW8082/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	PCB-1260 (Arochlor 1260)	55.0	70.0	70.0 J		UG/KG	I
SW8082/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	PCB-1242 (Arochlor 1242)	200	380	380 J		UG/KG	P
SW8082/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	PCB-1260 (Arochlor 1260)	56.0	43.0	43.0 J		UG/KG	TR/P
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	2,4,5-T (Trichlorophenoxyacetic Acid)	20.0	10.0	10.0 J		UG/KG	TR
SW8151/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Pentachlorophenol	9.9	9.9	9.9 UJ		UG/KG	G2
SW8151/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Dicamba	40.0	40.0	40.0 UJ	-	UG/KG	M
SW8151/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Dichloroprop	80.0	80.0	80.0 UJ	-	UG/KG	M
SW8151/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Pentachlorophenol	10.0	10.0	10.0 UJ		UG/KG	G2
SW8151/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Silvex (2,4,5-TP)	20.0	20.0	20.0 UJ	-	UG/KG	M
SW8151/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Pentachlorophenol	10.0	10.0	10.0 UJ		UG/KG	G2
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	1,1,1-Trichloroethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	1,1,2,2-Tetrachloroethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	1,1,2-Trichloroethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	1,1-Dichloroethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	1,1-Dichloroethene	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	1,2-Dibromoethane (Ethylene Dibromide)	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	1,2-Dichloroethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	1,2-Dichloropropane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	2-Hexanone	10.0	0.93	10.0 U	-	UG/KG	I/L
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Acetone	10.0	10.0	10.0 UJ	-	UG/KG	I/J

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Benzene	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Bromochloromethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Bromodichloromethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Bromoform	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Bromomethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Carbon Disulfide	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Carbon Tetrachloride	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Chlorobenzene	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Chloroethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Chloroform	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Chloromethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	cis-1,3-Dichloropropene	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Dibromochloromethane	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Ethylbenzene	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Methyl Ethyl Ketone (2-Butanone)	10.0	10.0	10.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	10.0	0.69	10.0 U	-	UG/KG	I/L
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Methylene Chloride	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Styrene	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	tert-Butyl Methyl Ether	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Tetrachloroethylene (PCE)	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Toluene	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Total 1,2-Dichloroethene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	trans-1,3-Dichloropropene	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Trichloroethylene (TCE)	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Vinyl Chloride	2.6	2.6	2.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Xylenes, Total	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	1,1,1-Trichloroethane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	1,1,2,2-Tetrachloroethane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	1,1,2-Trichloroethane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	1,1-Dichloroethane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	1,1-Dichloroethene	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	1,2-Dibromoethane (Ethylene Dibromide)	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	1,2-Dichloroethane	9.5	9.5	9.5 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	1,2-Dichloropropane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	2-Hexanone	38.0	38.0	38.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Acetone	38.0	38.0	38.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Benzene	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Bromochloromethane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Bromodichloromethane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Bromoform	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Bromomethane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Carbon Disulfide	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Carbon Tetrachloride	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Chlorobenzene	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Chloroethane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Chloroform	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Chloromethane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	cis-1,3-Dichloropropene	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Dibromochloromethane	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Ethylbenzene	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Methyl Ethyl Ketone (2-Butanone)	38.0	38.0	38.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	38.0	38.0	38.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Methylene Chloride	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Styrene	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	tert-Butyl Methyl Ether	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Tetrachloroethylene (PCE)	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Toluene	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Total 1,2-Dichloroethene	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	trans-1,3-Dichloropropene	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Trichloroethylene (TCE)	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Vinyl Chloride	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Xylenes, Total	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	1,1,1-Trichloroethane	8.7	8.7	8.7 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	1,1,2,2-Tetrachloroethane	8.7	8.7	8.7 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	1,1,2-Trichloroethane	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	1,1-Dichloroethane	8.7	8.7	8.7 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	1,1-Dichloroethene	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	1,2-Dibromoethane (Ethylene Dibromide)	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	1,2-Dichloroethane	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	1,2-Dichloropropane	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	2-Hexanone	35.0	35.0	35.0 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Acetone	35.0	35.0	35.0 UJ	-	UG/KG	I/J
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Benzene	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Bromochloromethane	8.7	8.7	8.7 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Bromodichloromethane	8.7	8.7	8.7 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Bromoform	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Bromomethane	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Carbon Disulfide	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Carbon Tetrachloride	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Chlorobenzene	8.7	8.7	8.7 UJ	-	UG/KG	M/I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Chloroethane	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Chloroform	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Chloromethane	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	cis-1,3-Dichloropropene	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Dibromochloromethane	8.7	8.7	8.7 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Ethylbenzene	8.7	8.7	8.7 UJ	-	UG/KG	M/I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Methyl Ethyl Ketone (2-Butanone)	35.0	35.0	35.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	35.0	35.0	35.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Methylene Chloride	8.7	8.7	8.7 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Styrene	8.7	8.7	8.7 UJ	-	UG/KG	M/I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	tert-Butyl Methyl Ether	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Tetrachloroethylene (PCE)	8.7	8.7	8.7 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Toluene	8.7	8.7	8.7 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Total 1,2-Dichloroethene	17.0	17.0	17.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	trans-1,3-Dichloropropene	8.7	8.7	8.7 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Trichloroethylene (TCE)	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Vinyl Chloride	8.7	8.7	8.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Xylenes, Total	17.0	17.0	17.0 UJ	-	UG/KG	I/D
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	1,1,1-Trichloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	1,1,2,2-Tetrachloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	1,1,2-Trichloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	1,1-Dichloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	1,1-Dichloroethene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	1,2-Dibromoethane (Ethylene Dibromide)	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	1,2-Dichloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	1,2-Dichloropropane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	2-Hexanone	29.0	29.0	29.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Acetone	29.0	28.0	28.0 J	-	UG/KG	I/TR/J
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Benzene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Bromochloromethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Bromodichloromethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Bromoform	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Bromomethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Carbon Disulfide	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Carbon Tetrachloride	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Chlorobenzene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Chloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Chloroform	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Chloromethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	cis-1,3-Dichloropropene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Dibromochloromethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Ethylbenzene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Methyl Ethyl Ketone (2-Butanone)	29.0	29.0	29.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	29.0	29.0	29.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Methylene Chloride	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Styrene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	tert-Butyl Methyl Ether	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Tetrachloroethylene (PCE)	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Toluene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Total 1,2-Dichloroethene	15.0	15.0	15.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	trans-1,3-Dichloropropene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Trichloroethylene (TCE)	7.4	7.4	7.4 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Vinyl Chloride	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Xylenes, Total	15.0	15.0	15.0 UJ	-	UG/KG	I
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	2,4-Dinitrophenol	1600	1600	1600 UJ		UG/KG	J
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	4,6-Dinitro-2-Methylphenol	750	750	750 UJ		UG/KG	J
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	2,4-Dinitrophenol	1600	1600	1600 UJ		UG/KG	J
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	2-Methylnaphthalene	33.0	25.0	25.0 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	3,3'-Dichlorobenzidine	490	490	490 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	4,6-Dinitro-2-Methylphenol	740	740	740 UJ		UG/KG	J
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Anthracene	33.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	490	490	490 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Naphthalene	33.0	21.0	21.0 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	2,4-Dinitrophenol	3300	3300	3300 UJ		UG/KG	J
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	4,6-Dinitro-2-Methylphenol	1500	1500	1500 UJ		UG/KG	J
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Acenaphthylene	67.0	47.0	47.0 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Carbazole	510	340	340 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Dibenzofuran	510	420	420 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	3,3'-Dichlorobenzidine	510	510	510 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Dibenzofuran	250	170	170 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	1,2-Dichlorobenzene	200	81.0	81.0 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	2,4-Dinitrophenol	1300	1300	1300 UJ		UG/KG	J
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	3,3'-Dichlorobenzidine	400	400	400 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	4,6-Dinitro-2-Methylphenol	600	600	600 UJ		UG/KG	J
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	400	400	400 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Dibenzofuran	200	160	160 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	2,4-Dinitrophenol	1600	1600	1600 UJ		UG/KG	J
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	3,3'-Dichlorobenzidine	490	490	490 R		UG/KG	m/V1
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	3-Nitroaniline	990	990	990 UJ		UG/KG	m

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	4,6-Dinitro-2-Methylphenol	740	740	740 R		UG/KG	J/m
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	4-Chloroaniline	740	740	740 R		UG/KG	m
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	4-Nitroaniline	990	990	990 UJ		UG/KG	m
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Acenaphthene	33.0	40.0	40.0 J		UG/KG	d
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Benzoic acid	3300	3300	3300 R		UG/KG	m
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	490	490	490 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Dibenzofuran	250	88.0	88.0 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Fluoranthene	33.0	370	370 J		UG/KG	m
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Fluorene	33.0	38.0	38.0 J		UG/KG	d
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Phenanthrene	33.0	420	420 J		UG/KG	m
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Pyrene	33.0	280	280 J		UG/KG	d
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Acenaphthene	33.0	68.0	68.0 J		UG/KG	d
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Dibenzofuran	250	100	100 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Fluorene	33.0	77.0	77.0 J		UG/KG	d
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Pyrene	33.0	480	480 J		UG/KG	d
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8330B/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	2,6-Dinitrotoluene	0.25	0.050	0.050 J		MG/KG	TR/P
SW8330B/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	2-Nitrotoluene	0.25	0.25	0.25 UJ		MG/KG	V2
SW8330B/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	4-Nitrotoluene	0.25	0.25	0.25 UJ		MG/KG	V2
SW8330B/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Nitrobenzene	0.25	0.25	0.25 UJ		MG/KG	V2
SW8330B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	2-Nitrotoluene	0.25	0.25	0.25 UJ		MG/KG	V2
SW8330B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	4-Amino-2,6-dinitrotoluene	0.25	0.25	0.25 UJ		MG/KG	m
SW8330B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	4-Nitrotoluene	0.25	0.25	0.25 UJ		MG/KG	V2
SW8330B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Nitrobenzene	0.25	0.25	0.25 UJ		MG/KG	V2
SW8330B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Nitroglycerin	0.50	0.50	0.50 UJ	-	MG/KG	M
SW8330B/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Tetryl	0.25	0.25	0.25 UJ		MG/KG	M
SW8330B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	2-Nitrotoluene	0.25	0.25	0.25 UJ		MG/KG	V2
SW8330B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	4-Nitrotoluene	0.25	0.25	0.25 UJ		MG/KG	V2
SW8330B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Nitrobenzene	0.25	0.25	0.25 UJ		MG/KG	V2
SW8330B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Tetryl	0.25	0.029	0.25 U	+	MG/KG	L

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
E353.2/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Nitrocellulose	5.0	1.0	1.0 J -	MG/KG	TR/M/C
E353.2/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Nitrocellulose	5.0	0.90	0.90 J -	MG/KG	TR/C

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	C10-C20 Diesel Range Organics	84.0	50.0	50.0 J	MG/KG	TR
M8015D/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	C10-C20 Diesel Range Organics	82.0	73.0	73.0 J	MG/KG	TR
M8015D/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	C10-C20 Diesel Range Organics	17.0	23.0	23.0	MG/KG	
M8015D/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	C10-C20 Diesel Range Organics	17.0	30.0	30.0	MG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	WG	070SS-0010M-0001-TB	240-17230-8	N	Petroleum Hydrocarbons C6-C12	100	55.0	55.0 J	UG/L	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Silver	0.098	0.035	0.035 J	MG/KG	TR
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Aluminum	9.8	9000	9000	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Arsenic	0.49	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Barium	0.49	93.0	93.0	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Beryllium	0.098	0.91	0.91	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Calcium	980	33000	33000	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Cadmium	0.20	0.26	0.26	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Cobalt	0.098	7.4	7.4	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Chromium	0.49	26.0	26.0	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Copper	0.39	21.0	21.0	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Iron	49.0	19000	19000	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Potassium	98.0	740	740	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Magnesium	98.0	4300	4300	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Manganese	2.5	960	960	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Sodium	98.0	130	130	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Nickel	0.49	29.0	29.0	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Lead	0.29	45.0	45.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Antimony	0.20	0.41	0.41	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Selenium	0.49	0.65	0.65	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Thallium	0.20	0.17	0.17 J	MG/KG	TR
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Vanadium	0.49	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Zinc	3.9	76.0	76.0	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Silver	0.093	0.035	0.035 J	MG/KG	TR
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Aluminum	9.3	9440	9440	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Arsenic	0.46	18.6	18.6	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Barium	0.46	69.1	69.1	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Beryllium	0.093	0.69	0.69	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Calcium	190	6020	6020	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Cadmium	0.19	0.30	0.30	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Cobalt	0.093	9.0	9.0	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Chromium	0.46	52.8	52.8 J	MG/KG	D1
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Copper	0.37	27.7	27.7	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Iron	46.0	23400	23400	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Potassium	93.0	927	927	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Magnesium	93.0	2710	2710	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Manganese	2.3	498	498	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Sodium	93.0	55.0	55.0 J	MG/KG	TR
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Nickel	0.46	31.5	31.5	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Lead	0.28	174	174 J	MG/KG	D1
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Antimony	0.19	1.4	1.4 J	MG/KG	m
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Selenium	0.46	0.89	0.89 J	MG/KG	m
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Thallium	0.19	0.22	0.22	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Vanadium	0.46	15.0	15.0	MG/KG	
SW6020/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Zinc	3.7	103	103	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Silver	0.096	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Aluminum	9.6	9700	9700	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Arsenic	0.48	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Barium	0.48	67.0	67.0	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Beryllium	0.096	0.72	0.72	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Calcium	190	4500	4500	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Cadmium	0.19	0.31	0.31	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Cobalt	0.096	8.2	8.2	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Chromium	0.48	21.0	21.0 J	MG/KG	d
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Copper	0.38	22.0	22.0	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Iron	48.0	22000	22000	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Potassium	96.0	1000	1000	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Magnesium	96.0	2400	2400	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Manganese	0.48	430	430	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Sodium	96.0	49.0	49.0 J	MG/KG	TR
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Nickel	0.48	27.0	27.0	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Lead	0.29	42.0	42.0 J	MG/KG	d
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Antimony	0.19	1.1	1.1	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Selenium	0.48	1.2	1.2	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Thallium	0.19	0.19	0.19	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Vanadium	0.48	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Zinc	3.8	110	110	MG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	p,p'-DDE	17.0	8.7	8.7 J	UG/KG	TR//J
SW8081/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	p,p'-DDT	20.0	24.0	24.0 J	UG/KG	I/P

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8082/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	PCB-1254 (Arochlor 1254)	55.0	47.0	47.0 J	UG/KG	TR
SW8082/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	PCB-1260 (Arochlor 1260)	55.0	70.0	70.0 J	UG/KG	I
SW8082/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	PCB-1242 (Arochlor 1242)	200	380	380 J	UG/KG	P1
SW8082/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	PCB-1248 (Arochlor 1248)	56.0	120	120	UG/KG	
SW8082/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	PCB-1260 (Arochlor 1260)	56.0	43.0	43.0 J	UG/KG	TR/P1

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8151/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	2,4,5-T (Trichlorophenoxyacetic Acid)	20.0	10.0	10.0 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Acetone	29.0	28.0	28.0 J -	UG/KG	I/TR/J
SW8260B/NONE	WG	070SS-0010M-0001-TB	240-17230-8	N	Methylene Chloride	1.0	0.36	0.36	UG/L	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Benzo(a)anthracene	33.0	84.0	84.0	UG/KG	
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Benzo(a)pyrene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Benzo(b)fluoranthene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Benzo(g,h,i)perylene	33.0	270	270	UG/KG	
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Benzo(k)fluoranthene	33.0	35.0	35.0	UG/KG	
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Chrysene	33.0	130	130	UG/KG	
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Fluoranthene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Indeno(1,2,3-c,d)Pyrene	33.0	47.0	47.0	UG/KG	
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Phenanthrene	33.0	130	130	UG/KG	
SW8270C/NONE	SO	070SS-0001M-0001-SO	240-17230-1	N	Pyrene	33.0	180	180	UG/KG	
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Anthracene	33.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Benzo(a)anthracene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Benzo(a)pyrene	33.0	130	130	UG/KG	
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Benzo(b)fluoranthene	33.0	160	160	UG/KG	
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Benzo(g,h,i)perylene	33.0	240	240	UG/KG	
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Benzo(k)fluoranthene	33.0	69.0	69.0	UG/KG	
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Chrysene	33.0	140	140	UG/KG	
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Fluoranthene	33.0	180	180	UG/KG	
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Indeno(1,2,3-c,d)Pyrene	33.0	100	100	UG/KG	
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	2-Methylnaphthalene	33.0	25.0	25.0 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Naphthalene	33.0	21.0	21.0 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Phenanthrene	33.0	71.0	71.0	UG/KG	
SW8270C/NONE	SO	070SS-0002M-0001-SO	240-17230-2	N	Pyrene	33.0	170	170	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Acenaphthene	67.0	550	550	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Acenaphthylene	67.0	47.0	47.0 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Anthracene	67.0	2500	2500	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Benzo(a)anthracene	67.0	3200	3200	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Benzo(a)pyrene	67.0	1900	1900	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Benzo(b)fluoranthene	67.0	3100	3100	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Benzo(g,h,i)perylene	67.0	1100	1100	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Benzo(k)fluoranthene	67.0	980	980	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Carbazole	510	340	340 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Chrysene	67.0	3300	3300	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Dibenzofuran	510	420	420 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Fluorene	67.0	710	710	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Fluoranthene	67.0	8400	8400	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Indeno(1,2,3-c,d)Pyrene	67.0	1000	1000	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	2-Methylnaphthalene	67.0	540	540	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Naphthalene	67.0	480	480	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Phenanthrene	67.0	5900	5900	UG/KG	
SW8270C/NONE	SO	070SS-0003M-0001-SO	240-17230-3	N	Pyrene	67.0	5700	5700	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Acenaphthene	34.0	140	140	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Acenaphthylene	34.0	65.0	65.0	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Anthracene	34.0	420	420	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Benzo(a)anthracene	34.0	750	750	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Benzo(a)pyrene	34.0	460	460	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Benzo(b)fluoranthene	34.0	950	950	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Benzo(g,h,i)perylene	34.0	310	310	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Benzo(k)fluoranthene	34.0	310	310	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Chrysene	34.0	1100	1100	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Dibenzofuran	250	170	170 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Fluorene	34.0	160	160	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Fluoranthene	34.0	1800	1800	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Indeno(1,2,3-c,d)Pyrene	34.0	280	280	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	2-Methylnaphthalene	34.0	420	420	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Naphthalene	34.0	270	270	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Phenanthrene	34.0	1200	1200	UG/KG	
SW8270C/NONE	SO	070SS-0004M-0001-SO	240-17230-4	N	Pyrene	34.0	1300	1300	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Acenaphthylene	26.0	66.0	66.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Anthracene	26.0	80.0	80.0	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Benzo(a)anthracene	26.0	210	210	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Benzo(a)pyrene	26.0	210	210	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Benzo(b)fluoranthene	26.0	360	360	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Benzo(g,h,i)perylene	26.0	380	380	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Benzo(k)fluoranthene	26.0	190	190	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Chrysene	26.0	320	320	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Dibenzofuran	200	160	160 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	1,2-Dichlorobenzene	200	81.0	81.0 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Fluoranthene	26.0	410	410	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Indeno(1,2,3-c,d)Pyrene	26.0	170	170	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	2-Methylnaphthalene	26.0	690	690	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Naphthalene	26.0	490	490	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Phenanthrene	26.0	320	320	UG/KG	
SW8270C/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	Pyrene	26.0	330	330	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Acenaphthene	33.0	40.0	40.0 J	UG/KG	d
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Anthracene	33.0	79.0	79.0	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Benzo(a)anthracene	33.0	160	160	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Benzo(a)pyrene	33.0	130	130	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Benzo(b)fluoranthene	33.0	200	200	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Benzo(g,h,i)perylene	33.0	130	130	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Benzo(k)fluoranthene	33.0	91.0	91.0	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Chrysene	33.0	200	200	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Dibenzofuran	250	88.0	88.0 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Fluorene	33.0	38.0	38.0 J	UG/KG	d
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Fluoranthene	33.0	370	370 J	UG/KG	m
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Indeno(1,2,3-c,d)Pyrene	33.0	90.0	90.0	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	2-Methylnaphthalene	33.0	280	280	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Naphthalene	33.0	220	220	UG/KG	
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Phenanthrene	33.0	420	420 J	UG/KG	m
SW8270C/NONE	SO	070SS-0006M-0001-SO	240-17230-6	N	Pyrene	33.0	280	280 J	UG/KG	d
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Acenaphthene	33.0	68.0	68.0 J	UG/KG	d

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Anthracene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Benzo(a)anthracene	33.0	230	230	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Benzo(a)pyrene	33.0	190	190	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Benzo(b)fluoranthene	33.0	300	300	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Benzo(g,h,i)perylene	33.0	190	190	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Benzo(k)fluoranthene	33.0	120	120	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Chrysene	33.0	270	270	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Dibenzofuran	250	100	100 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Fluorene	33.0	77.0	77.0 J	UG/KG	d
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Fluoranthene	33.0	610	610	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Indeno(1,2,3-c,d)Pyrene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	2-Methylnaphthalene	33.0	260	260	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Naphthalene	33.0	220	220	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Phenanthrene	33.0	650	650	UG/KG	
SW8270C/NONE	SO	070SS-0007M-0001-SO	240-17230-7	FD	Pyrene	33.0	480	480 J	UG/KG	d

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8330B/NONE	SO	070SS-0005M-0001-SO	240-17230-5	N	2,6-Dinitrotoluene	0.25	0.050	0.050 J	MG/KG	TR/P1

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SS-0006M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	m
SW8270C/NONE	SO	070SS-0006M-0001-SO	N	4-Chloroaniline	740	740	R	UG/KG	m
SW8270C/NONE	SO	070SS-0006M-0001-SO	N	3,3'-Dichlorobenzidine	490	490	R	UG/KG	m/V1
SW8270C/NONE	SO	070SS-0006M-0001-SO	N	4,6-Dinitro-2-Methylphenol	740	740	R	UG/KG	J/m

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Anomalies Count

SDG Name: 240-17230-1_(70-SS)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
M8015D/SW3540C/NONE	4	4
M8015V/SW3550B/NONE	1	1
SW6020/SW3050B/NONE	3	23
SW7471A/TOTAL/NONE	1	1
SW8081/SW3540C/NONE	1	21
SW8082/SW3540C/NONE	4	28
SW8260B/SW5030B/NONE	1	1
SW8270C/SW3550/NONE	7	197

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

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Worksheet

SDG Name: 240-17230-1_(70-SS)

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?	Y			
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?		N		
Was a field blank collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?		N		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?		N		
Was a duplicate sample prepared and analyzed with each batch?	Y			
Was the duplicate RPD within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?		N		
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?	Y			
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Method: M8015D				

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			NA	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	Y			
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

Method: M8015V

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?	Y			53.5 ug/L associated with TB
Was a field blank (equipment or trip) collected and analyzed?	Y			
Were target analytes reported in the field blank analyses above the MDL?	Y			55ug/L C6-C12
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			NA	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?		N		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			NA	
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

Method: SW6020

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

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

Method: SW7471A

Review Questions	Yes	No	NA	Comment
-------------------------	------------	-----------	-----------	----------------

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?	Y		
Were samples preserved properly and received in good condition?	Y		
Were holding times met?	Y		
Were sample receipt temperatures met?	Y		
Were QAPP specified RLs achieved?	Y		
Were all QAPP specified target analytes reported?	Y		
Was the initial calibration curve within QAPP acceptance limits?	Y		
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y		
Were ICV/CCV results within QAPP acceptance limits?	Y		
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y		
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the ICB/CCB/method blank?	Y	0.02245 mg/kg in MB CCB detects	
Was a field blank collected and analyzed?		N	
Were target analytes reported in the field blank analyses above the MDL?			NA
Was the ICS recovery within QAPP acceptance limits?	Y		
If a field duplicate was analyzed, were the RPDs within criteria?	Y		
Was a LCS prepared and analyzed with each batch?	Y		
Were the LCS recoveries within QAPP acceptance limits?	Y		
Was a MS/MSD pair prepared with each batch?	Y		
Is the MS/MSD parent sample the one designated by the sampling team?	Y		
Were the MS/MSD within QAPP acceptance limits?	Y		
Were sample concentrations within calibration range?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		

Method: SW8081

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

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y
Was the CCV a mid-level standard from the initial calibration curve?	Y
Was the CCV %D within criteria (%D =20%)?	Y
Was a method blank prepared and analyzed with each batch?	Y
Were target analytes detected in the method blank above the MDL?	Y
Was a field blank (equipment or trip) collected and analyzed?	Y
Were target analytes reported in the field blank analyses above the MDL?	Y
Were surrogate recoveries within QAPP acceptance limits?	Y
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y
Were the LCS recoveries within QAPP acceptance limits?	Y
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	Y
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y
Were the Breakdown products within QAPP acceptance limits?	Y
Is the MS/MSD parent sample the one designated by the sampling team?	Y
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y
Were all QAPP-specified target analytes reported?	Y
Were reported sample concentrations within calibration range?	Y
Were RPDs between primary and confirmation columns < 40%?	N
Are all samples associated with QC non-compliances flagged appropriately?	Y
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y
Were sample preparation sheets present and filled out appropriately?	Y
Were instrument run logs present and filled out appropriately?	Y

Method: SW8082

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

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Were sample receipt temperatures met?	Y		
Were holding times for prep and analysis met?	Y		
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y		
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y		
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y		
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y		
Was the CCV a mid-level standard from the initial calibration curve?	Y		
Was the CCV %D within criteria (%D =20%)?	Y		
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the method blank above the MDL?		N	
Was a field blank (equipment or trip) collected and analyzed?		N	
Were target analytes reported in the field blank analyses above the MDL?			NA
Were surrogate recoveries within QAPP acceptance limits?	Y		
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y		
Were the LCS recoveries within QAPP acceptance limits?	Y		
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	Y		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y		
Were the Breakdown products within QAPP acceptance limits?			NA
Is the MS/MSD parent sample the one designated by the sampling team?	Y		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N	>UCL (but ND in sample)
Were all QAPP-specified target analytes reported?	Y		
Were reported sample concentrations within calibration range?	Y		
Were RPDs between primary and confirmation columns < 40%?		N	AR-1260 and 1248 in two samples
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Were sample preparation sheets present and filled out appropriately?	Y		
Were instrument run logs present and filled out appropriately?	Y		

Method: SW8151

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?		N		PCP COD of 0.992
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			NA	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			NA	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y			
Were the Breakdown products within QAPP acceptance limits?			NA	
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N		<LCL for 3analytes
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Were RPDs between primary and confirmation columns < 40%?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified PQLs achieved?	Y			
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?		N		
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Did the CCCs have a %Difference within QAPP acceptance limits?	Y			
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?		N		
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y			
Were the retention times for all IS compounds within QAPP acceptance limits?	Y			
Are the area counts of all IS compounds within QAPP acceptance limits?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?	Y			2-hexanone and MIBK
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Y			
Were target analytes reported in the field blank analyses above the MDL?	Y			MeCl

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		NA
Was the duplicate RPD within QAPP acceptance limits?		NA
Are all samples associated with QC non-compliances flagged appropriately?	Y	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Was a MS/MSD pair prepared with each batch?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N
Were surrogate recoveries within QAPP acceptance limits?		N
Were reported sample concentrations within calibration range?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?	Y			
Were QAPP specified PQLs achieved?	Y			
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Was a second source verification analyzed after the ICAL and all analytes within criteria?		N	3'3 DCB
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y		
Was the CCV a mid-level standard from the initial calibration curve?	Y		
Did the CCCs have a %Difference within QAPP acceptance limits?	Y		
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y		
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y		
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y		
Were the retention times for all IS compounds within QAPP acceptance limits?	Y		
Are the area counts of all IS compounds within QAPP acceptance limits?	Y		
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the method blank above the MDL?	Y		
Was a field blank (equipment or trip) collected and analyzed at the required frequency?		N	
Were target analytes reported in the field blank analyses above the MDL?			NA
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y		
Was an LCS/LCSD pair prepared and analyzed with each batch?		N	
Were the LCS/LCSD recoveries within QAPP acceptance limits?			NA
Were the LCS/LCSD RPDs within QAPP acceptance limits?	See worksheet		
Was the duplicate RPD within QAPP acceptance limits?	Y		
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Was a MS/MSD pair prepared with each batch?	Y		
Is the MS/MSD parent sample the one designated by the sampling team?	Y		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N	Select SVOCS<LCL or 0%R
Were surrogate recoveries within QAPP acceptance limits?	Y		
Were reported sample concentrations within calibration range?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		

Method: SW8330B

Review Questions	Yes	No	NA	Comment
-------------------------	------------	-----------	-----------	----------------

AUTOMATED DATA REVIEW SUMMARY for 240-17230-1_(70-SS)

Did Chain-of-Custody information agree with laboratory report?	Y		
Were samples preserved properly and received in good condition?	Y		
Were sample receipt temperatures met?	Y		
Were holding times for prep and analysis met?	Y		
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y		
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y		
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y		
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y		
Was the CCV a mid-level standard from the initial calibration curve?	Y		
Was the CCV %D within criteria (%D =20%)?		N	Select explosives
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the method blank above the MDL?		Yes	
Was a field blank (equipment or trip) collected and analyzed?		N	
Were target analytes reported in the field blank analyses above the MDL?			NA
Were surrogate recoveries within QAPP acceptance limits?		N	2 nd column >UCL
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y		
Were the LCS recoveries within QAPP acceptance limits?	Y		
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	Y		
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?	Y		
Is the MS/MSD parent sample the one designated by the sampling team?	Y		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N	Tetryl, nitrobenzene
Were all QAPP-specified target analytes reported?	Y		
Were reported sample concentrations within calibration range?	Y		
Were RPDs between primary and confirmation columns < 40%?		N	
Did PDA spectra for reported compounds match associated standard spectra?			NA
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		

WORKSHEET 2

Automated Data Review Summary for 240-17317-1

This page intentionally left blank.

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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: 240-17317-1_(76-SS,SD), Certified - 1/4/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer: Veronica Champagne

Data Reviewer Title: Senior QA Chemist

Date of Review Report: December 27, 2012

Samples Included in SDG 240-17317-1_(76-SS,SD)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	4		1	
M8015V/NONE	2	1	1	0
SW6020/NONE	10		1	
SW7471A/NONE	10		1	
SW8081/NONE	0		0	
SW8082/NONE	6		1	
SW8260B/NONE	6	0	0	1

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8270C/NONE	10		1	
SW8330B/NONE	4		1	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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) 240-17317-1_(76-SS,SD). 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
- Trip Blank

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Equipment Blank

Field Blank

Initial Calibration Verification

Lab Replicate RPD

LCS RPD

Material Blank

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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 105 results (7.68%) out of the 1368 results (sample and field QC samples) reported are qualified based on review and 4 results (0.29%) 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 240-17317-1_(76-SS,SD)

SW6020	
SW7471A	
SW8081	
SW8082	
SW8260B	
SW8270C	
SW8330B	

27-Dec-2012

Reviewed by Veronica Champagne, Senior QA Chemist

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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 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 Recovery
N	Blank - No Action
O	ICS
P	Sample preservation/collection requirement not met.

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reason and Comment Code Definitions

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.

Flag Code and Definitions

Flag	Definition
U	Undetected: The analyte was analyzed for, but not detected.

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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 240-17317-1_(76-SS,SD)

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
6288	6149	NA	76-U20-SD	SE	076SD-0008-0001-SD	240-17317-18		1/1	06-Nov-2012 6:10 PM	20-Nov-2012 6:48 AM	21-Nov-2012 5:02 PM	N
	6149	NA	76-U20-SD4	SE	076SD-0012-0001-SD	240-17317-22		1/1	06-Nov-2012 6:30 PM	20-Nov-2012 6:48 AM	21-Nov-2012 5:12 PM	N
	6149	NA	76-U20-SD2	SE	076SD-00010-0001-SD	240-17317-20		1/1	06-Nov-2012 6:15 PM	20-Nov-2012 6:48 AM	21-Nov-2012 5:22 PM	FD
	6149	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	20-Nov-2012 6:48 AM	21-Nov-2012 5:32 PM	N
	6149	NA	76-U20-SD3	SE	076SD-0011-0001-SD	240-17317-21		1/1	06-Nov-2012 6:25 PM	20-Nov-2012 6:48 AM	21-Nov-2012 5:42 PM	N
	6149	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	20-Nov-2012 6:48 AM	21-Nov-2012 5:52 PM	MS
	6149	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	20-Nov-2012 6:48 AM	21-Nov-2012 5:54 PM	SD
6287	6149	NA	LABQC	SQ	LABQC	MB 320-6087/1-B		1/1	20-Nov-2012 2:30 PM	20-Nov-2012 2:30 PM	21-Nov-2012 2:30 PM	LB
	6149	NA	LABQC	SQ	LABQC	LCS 320-6087/2-B		1/1	20-Nov-2012 2:32 PM	20-Nov-2012 2:32 PM	21-Nov-2012 2:32 PM	BS

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
65273	64810	NA	70-CDD-DU7-SS	SO	070SS-0006M-0003-SO	240-17317-11		1/1	07-Nov-2012 8:50 AM	07-Nov-2012 7:25 PM	16-Nov-2012 4:24 PM	N
	64810	NA	70-CDD-DU7-SS	SO	070SS-0006M-0004-SO	240-17317-11		1/1	07-Nov-2012 8:50 AM	07-Nov-2012 7:25 PM	16-Nov-2012 5:03 PM	MS
	64810	NA	70-CDD-DU7-SS	SO	070SS-0006M-0004-SO	240-17317-11		1/1	07-Nov-2012 8:50 AM	07-Nov-2012 7:25 PM	16-Nov-2012 5:41 PM	SD
	65380	NA	70-CDD-DU7-SS	SO	070SS-0007M-0002-SO	240-17317-12		1/1	07-Nov-2012 8:50 AM	07-Nov-2012 7:25 PM	16-Nov-2012 6:19 PM	FD
	65380	NA	70-DD-DU2-SS	SO	070SS-0002M-0002-SO	240-17317-13		1/1	07-Nov-2012 9:10 AM	07-Nov-2012 7:25 PM	16-Nov-2012 6:57 PM	N
65195	65195	NA	LABQC	SQ	LABQC	MB 240-65195/7		1/1	15-Nov-2012 4:07 PM	15-Nov-2012 4:07 PM	15-Nov-2012 4:07 PM	LB
	65195	NA	LABQC	SQ	LABQC	LCS 240-65195/8		1/1	15-Nov-2012 4:42 PM	15-Nov-2012 4:42 PM	15-Nov-2012 4:42 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Batch Report

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
65195	65195	NA	76-A3-DU1-SS	WG	076SS-0027-0001-TB	240-17317-25		1/1	07-Nov-2012 8:00 AM	15-Nov-2012 5:50 PM	15-Nov-2012 5:50 PM	N
65273	NA	NA	LABQC	SQ	LABQC	MB 240-65273/11		1/1	16-Nov-2012 1:32 PM	16-Nov-2012 1:32 PM	16-Nov-2012 1:32 PM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-65273/12		1/1	16-Nov-2012 2:11 PM	16-Nov-2012 2:11 PM	16-Nov-2012 2:11 PM	BS

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
65867	65145	NA	76-DDS-DU2-SS	SO	076SS-0002M-0001-SO	240-17317-1		1/1	06-Nov-2012 8:40 AM	15-Nov-2012 10:09 AM	20-Nov-2012 1:11 PM	N
	65145	NA	76-U5-DU1-SS	SO	076SS-0001M-0001-SO	240-17317-2		1/1	06-Nov-2012 9:23 AM	15-Nov-2012 10:09 AM	20-Nov-2012 1:28 PM	N
	65145	NA	76-A2-DU1-SS	SO	076SS-0005M-0001-SO	240-17317-3		1/1	06-Nov-2012 6:30 PM	15-Nov-2012 10:09 AM	20-Nov-2012 1:33 PM	N
	65145	NA	76-A3-DU1-SS	SO	076SS-0006M-0001-SO	240-17317-4		1/1	06-Nov-2012 6:00 PM	15-Nov-2012 10:09 AM	20-Nov-2012 1:37 PM	N
	65145	NA	76-U4-DU2-SS	SO	076SS-0004M-0001-SO	240-17317-9		1/1	06-Nov-2012 10:00 AM	15-Nov-2012 10:09 AM	20-Nov-2012 2:14 PM	N
	65145	NA	76-U4-DU1-SS	SO	076SS-0003M-0001-SO	240-17317-10		1/1	06-Nov-2012 8:20 AM	15-Nov-2012 10:09 AM	20-Nov-2012 2:31 PM	N
	65145	NA	76-U20-SD	SE	076SD-0008-0001-SD	240-17317-18		1/1	06-Nov-2012 6:10 PM	15-Nov-2012 10:09 AM	20-Nov-2012 2:56 PM	N
	65145	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	15-Nov-2012 10:09 AM	20-Nov-2012 3:01 PM	N
	65145	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	15-Nov-2012 10:09 AM	20-Nov-2012 3:06 PM	MS
	65145	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	15-Nov-2012 10:09 AM	20-Nov-2012 3:11 PM	SD
	65145	NA	76-U20-SD2	SE	076SD-00010-0001-SD	240-17317-20		1/1	06-Nov-2012 6:15 PM	15-Nov-2012 10:09 AM	20-Nov-2012 3:18 PM	FD
66205	65145	NA	76-DDS-DU2-SS	SO	076SS-0002M-0001-SO	240-17317-1		2/5	06-Nov-2012 8:40 AM	15-Nov-2012 10:09 AM	23-Nov-2012 12:33 PM	N
	65145	NA	76-U5-DU1-SS	SO	076SS-0001M-0001-SO	240-17317-2		2/5	06-Nov-2012 9:23 AM	15-Nov-2012 10:09 AM	23-Nov-2012 12:38 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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
66205	65145	NA	76-A2-DU1-SS	SO	076SS-0005M-0001-SO	240-17317-3		2/10	06-Nov-2012 6:30 PM	15-Nov-2012 10:09 AM	23-Nov-2012 12:43 PM	N
	65145	NA	76-A3-DU1-SS	SO	076SS-0006M-0001-SO	240-17317-4		2/10	06-Nov-2012 6:00 PM	15-Nov-2012 10:09 AM	23-Nov-2012 12:48 PM	N
	65145	NA	76-U4-DU2-SS	SO	076SS-0004M-0001-SO	240-17317-9		2/5	06-Nov-2012 10:00 AM	15-Nov-2012 10:09 AM	23-Nov-2012 1:41 PM	N
	65145	NA	76-U4-DU1-SS	SO	076SS-0003M-0001-SO	240-17317-10		2/5	06-Nov-2012 8:20 AM	15-Nov-2012 10:09 AM	23-Nov-2012 1:46 PM	N
	65145	NA	76-U20-SD	SE	076SD-0008-0001-SD	240-17317-18		2/5	06-Nov-2012 6:10 PM	15-Nov-2012 10:09 AM	23-Nov-2012 2:23 PM	N
	65145	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		2/5	06-Nov-2012 6:15 PM	15-Nov-2012 10:09 AM	23-Nov-2012 2:28 PM	N
	65145	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		2/5	06-Nov-2012 6:15 PM	15-Nov-2012 10:09 AM	23-Nov-2012 2:33 PM	MS
	65145	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		2/5	06-Nov-2012 6:15 PM	15-Nov-2012 10:09 AM	23-Nov-2012 2:38 PM	SD
	65145	NA	76-U20-SD2	SE	076SD-00010-0001-SD	240-17317-20		2/5	06-Nov-2012 6:15 PM	15-Nov-2012 10:09 AM	23-Nov-2012 2:43 PM	FD
	65198	NA	76-U20-SD3	SE	076SD-0011-0001-SD	240-17317-21		1/1	06-Nov-2012 6:25 PM	15-Nov-2012 12:19 PM	23-Nov-2012 3:52 PM	N
	65198	NA	76-U20-SD4	SE	076SD-0012-0001-SD	240-17317-22		1/1	06-Nov-2012 6:30 PM	15-Nov-2012 12:19 PM	23-Nov-2012 4:09 PM	N
65867	65145	NA	LABQC	SQ	LABQC	MB 240-65145/1-A		1/1	15-Nov-2012 1:03 PM	15-Nov-2012 1:03 PM	20-Nov-2012 12:20 PM	LB
	65145	NA	LABQC	SQ	LABQC	LCS 240-65145/2-A		1/1	15-Nov-2012 1:03 PM	15-Nov-2012 1:03 PM	20-Nov-2012 12:25 PM	BS
	65145	NA	LABQC	SQ	LABQC	LCS 240-65145/2-A		1/1	15-Nov-2012 1:25 PM	15-Nov-2012 1:25 PM	20-Nov-2012 12:25 PM	BS
66205	65198	NA	LABQC	SQ	LABQC	MB 240-65198/1-A		1/1	15-Nov-2012 3:10 PM	15-Nov-2012 3:10 PM	23-Nov-2012 3:10 PM	LB
	65198	NA	LABQC	SQ	LABQC	LCS 240-65198/2-A		1/1	15-Nov-2012 3:15 PM	15-Nov-2012 3:15 PM	23-Nov-2012 3:15 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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	65191	NA	76-DDS-DU2-SS	SO	076SS-0002M-0001-SO	240-17317-1		1/1	06-Nov-2012 8:40 AM	15-Nov-2012 2:40 PM	16-Nov-2012 6:22 PM	N
	65191	NA	76-U5-DU1-SS	SO	076SS-0001M-0001-SO	240-17317-2		1/1	06-Nov-2012 9:23 AM	15-Nov-2012 2:40 PM	16-Nov-2012 6:23 PM	N
	65191	NA	76-A2-DU1-SS	SO	076SS-0005M-0001-SO	240-17317-3		1/1	06-Nov-2012 6:30 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:25 PM	N
	65191	NA	76-A3-DU1-SS	SO	076SS-0006M-0001-SO	240-17317-4		1/1	06-Nov-2012 6:00 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:30 PM	N
	65191	NA	76-U4-DU2-SS	SO	076SS-0004M-0001-SO	240-17317-9		1/1	06-Nov-2012 10:00 AM	15-Nov-2012 2:40 PM	16-Nov-2012 6:39 PM	N
	65191	NA	76-U4-DU1-SS	SO	076SS-0003M-0001-SO	240-17317-10		1/1	06-Nov-2012 8:20 AM	15-Nov-2012 2:40 PM	16-Nov-2012 6:41 PM	N
	65191	NA	76-U20-SD	SE	076SD-0008-0001-SD	240-17317-18		1/1	06-Nov-2012 6:10 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:52 PM	N
	65191	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:53 PM	N
	65191	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:54 PM	MS
	65191	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:56 PM	SD
	65191	NA	76-U20-SD2	SE	076SD-00010-0001-SD	240-17317-20		1/1	06-Nov-2012 6:15 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:57 PM	FD
	65204	NA	LABQC	SQ	LABQC	MB 240-65204/1-A		1/1	15-Nov-2012 2:40 PM	15-Nov-2012 2:40 PM	16-Nov-2012 6:59 PM	LB
	65204	NA	LABQC	SQ	LABQC	LCS 240-65204/2-A		1/1	15-Nov-2012 2:40 PM	15-Nov-2012 2:40 PM	16-Nov-2012 7:00 PM	BS
	65204	NA	76-U20-SD3	SE	076SD-0011-0001-SD	240-17317-21		1/1	06-Nov-2012 6:25 PM	15-Nov-2012 2:40 PM	16-Nov-2012 7:08 PM	N
	65204	NA	76-U20-SD4	SE	076SD-0012-0001-SD	240-17317-22		1/1	06-Nov-2012 6:30 PM	15-Nov-2012 2:40 PM	16-Nov-2012 7:10 PM	N
	65191	NA	LABQC	SQ	LABQC	MB 240-65191/1-A		1/1	16-Nov-2012 1:32 PM	16-Nov-2012 1:32 PM	16-Nov-2012 6:11 PM	LB
	65191	NA	LABQC	SQ	LABQC	LCS 240-65191/2-A		1/1	16-Nov-2012 1:32 PM	16-Nov-2012 1:32 PM	16-Nov-2012 6:13 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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
65793	65399	NA	LABQC	SQ	LABQC	MB 240-65399/5-A		1/1	16-Nov-2012 1:53 PM	16-Nov-2012 1:53 PM	20-Nov-2012 3:57 PM	LB
	65399	NA	LABQC	SQ	LABQC	LCS 240-65399/6-A		1/1	16-Nov-2012 1:53 PM	16-Nov-2012 1:53 PM	20-Nov-2012 4:22 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
65670	65400	NA	76-DDS-DU2-SS	SO	076SS-0002M-0001-SO	240-17317-1		1/1	06-Nov-2012 8:40 AM	16-Nov-2012 1:56 PM	20-Nov-2012 4:35 AM	N
	65400	NA	76-U5-DU1-SS	SO	076SS-0001M-0001-SO	240-17317-2		1/1	06-Nov-2012 9:23 AM	16-Nov-2012 1:56 PM	20-Nov-2012 4:50 AM	N
	65400	NA	LABQC	SQ	LABQC	MB 240-65400/23-A		1/1	16-Nov-2012 1:56 PM	16-Nov-2012 1:56 PM	20-Nov-2012 6:49 AM	LB
	65400	NA	76-U20-SD	SE	076SD-0008-0001-SD	240-17317-18		1/1	06-Nov-2012 6:10 PM	16-Nov-2012 1:56 PM	20-Nov-2012 7:49 AM	N
	65400	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:56 PM	20-Nov-2012 8:04 AM	N
	65400	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:56 PM	20-Nov-2012 8:04 AM	MS
	65400	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:56 PM	20-Nov-2012 8:19 AM	MS
	65400	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:56 PM	20-Nov-2012 8:19 AM	SD
	65400	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:56 PM	20-Nov-2012 8:34 AM	N
	65400	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:56 PM	20-Nov-2012 8:34 AM	MS
	65400	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:56 PM	20-Nov-2012 8:34 AM	SD
	65400	NA	76-U20-SD2	SE	076SD-00010-0001-SD	240-17317-20		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:56 PM	20-Nov-2012 8:49 AM	FD
	65400	NA	76-U20-SD3	SE	076SD-0011-0001-SD	240-17317-21		1/1	06-Nov-2012 6:25 PM	16-Nov-2012 1:56 PM	20-Nov-2012 9:04 AM	N
	65400	NA	76-U20-SD4	SE	076SD-0012-0001-SD	240-17317-22		1/1	06-Nov-2012 6:30 PM	16-Nov-2012 1:56 PM	20-Nov-2012 9:19 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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
65670	65400	NA	LABQC	SQ	LABQC	LCS 240-65400/24-A		1/1	16-Nov-2012 1:56 PM	16-Nov-2012 1:56 PM	20-Nov-2012 9:34 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
64980	64810	NA	76-U5-DU1-SS	SO	076SS-0001M-0001-SO	240-17317-2		1/1	06-Nov-2012 9:23 AM	07-Nov-2012 7:25 PM	14-Nov-2012 5:58 PM	N
	64810	NA	76-A3-DU1-SS	SO	076SS-0006M-0001-SO	240-17317-4		1/1	06-Nov-2012 6:00 PM	07-Nov-2012 7:25 PM	14-Nov-2012 6:41 PM	N
	64810	NA	76-U4-DU2-SS	SO	076SS-0004M-0001-SO	240-17317-9		1/1	06-Nov-2012 10:00 AM	07-Nov-2012 7:25 PM	14-Nov-2012 8:29 PM	N
	64810	NA	76-U4-DU1-SS	SO	076SS-0003M-0001-SO	240-17317-10		1/1	06-Nov-2012 8:20 AM	07-Nov-2012 7:25 PM	14-Nov-2012 8:50 PM	N
65171	64810	NA	76-DDS-DU2-SS	SO	076SS-0002M-0001-SO	240-17317-1		1/1	06-Nov-2012 8:40 AM	07-Nov-2012 7:25 PM	15-Nov-2012 2:08 PM	N
	64810	NA	76-A2-DU1-SS	SO	076SS-0005M-0001-SO	240-17317-3		1/1	06-Nov-2012 6:30 PM	07-Nov-2012 7:25 PM	15-Nov-2012 2:30 PM	N
64831	64831	NA	LABQC	WQ	LABQC	LCS 240-64831/4		1/1	13-Nov-2012 12:10 PM	13-Nov-2012 12:10 PM	13-Nov-2012 12:10 PM	BS
	64831	NA	LABQC	WQ	LABQC	MB 240-64831/6		1/1	13-Nov-2012 12:55 PM	13-Nov-2012 12:55 PM	13-Nov-2012 12:55 PM	LB
	64831	NA	FIELDQC	WQ	076SS-0027-0001-TB	240-17317-25		1/1	07-Nov-2012 8:00 AM	13-Nov-2012 1:59 PM	13-Nov-2012 1:59 PM	TB
64980	NA	NA	LABQC	SQ	LABQC	LCS 240-64980/7		1/1	14-Nov-2012 2:01 PM	14-Nov-2012 2:01 PM	14-Nov-2012 2:01 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-64980/8		1/1	14-Nov-2012 2:23 PM	14-Nov-2012 2:23 PM	14-Nov-2012 2:23 PM	LB
65171	NA	NA	LABQC	SQ	LABQC	LCS 240-65171/7		1/1	15-Nov-2012 1:03 PM	15-Nov-2012 1:03 PM	15-Nov-2012 1:03 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-65171/8		1/1	15-Nov-2012 1:25 PM	15-Nov-2012 1:25 PM	15-Nov-2012 1:25 PM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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
65876	65352	NA	76-DDS-DU2-SS	SO	076SS-0002M-0001-SO	240-17317-1		1/5	06-Nov-2012 8:40 AM	16-Nov-2012 11:46 AM	21-Nov-2012 3:59 PM	N
	65352	NA	76-A3-DU1-SS	SO	076SS-0006M-0001-SO	240-17317-4		1/5	06-Nov-2012 6:00 PM	16-Nov-2012 11:46 AM	21-Nov-2012 4:22 PM	N
	65352	NA	76-A2-DU1-SS	SO	076SS-0005M-0001-SO	240-17317-3		1/2.5	06-Nov-2012 6:30 PM	16-Nov-2012 11:46 AM	21-Nov-2012 4:46 PM	N
	65352	NA	76-U5-DU1-SS	SO	076SS-0001M-0001-SO	240-17317-2		1/12.5	06-Nov-2012 9:23 AM	16-Nov-2012 11:46 AM	21-Nov-2012 5:09 PM	N
66051	65352	NA	76-U4-DU2-SS	SO	076SS-0004M-0001-SO	240-17317-9		1/10	06-Nov-2012 10:00 AM	16-Nov-2012 11:50 AM	23-Nov-2012 2:12 PM	N
65876	65352	NA	LABQC	SQ	LABQC	MB 240-65352/23-A		1/1	16-Nov-2012 12:51 PM	16-Nov-2012 12:51 PM	21-Nov-2012 12:51 PM	LB
	65352	NA	LABQC	SQ	LABQC	LCS 240-65352/24-A		1/1	16-Nov-2012 1:15 PM	16-Nov-2012 1:15 PM	21-Nov-2012 1:15 PM	BS
66702	65386	NA	LABQC	SQ	LABQC	MB 240-65386/21-A		1/1	16-Nov-2012 1:26 PM	16-Nov-2012 1:26 PM	29-Nov-2012 9:13 AM	LB
	65386	NA	LABQC	SQ	LABQC	LCS 240-65386/22-A		1/1	16-Nov-2012 1:26 PM	16-Nov-2012 1:26 PM	29-Nov-2012 9:38 AM	BS
	65386	NA	76-U4-DU1-SS	SO	076SS-0003M-0001-SO	240-17317-10		1/10	06-Nov-2012 8:20 AM	16-Nov-2012 1:26 PM	29-Nov-2012 12:30 PM	N
	65386	NA	76-U20-SD4	SE	076SD-0012-0001-SD	240-17317-22		1/5	06-Nov-2012 6:30 PM	16-Nov-2012 1:26 PM	29-Nov-2012 12:54 PM	N
	65386	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	29-Nov-2012 4:20 PM	N
	65386	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	29-Nov-2012 4:20 PM	MS
	65386	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	29-Nov-2012 4:20 PM	SD
	65386	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	29-Nov-2012 4:20 PM	SD
	65386	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	29-Nov-2012 4:45 PM	N
	65386	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	29-Nov-2012 4:45 PM	MS
	65386	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	29-Nov-2012 4:45 PM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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
66702	65386	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	29-Nov-2012 4:45 PM	SD
67921	65386	NA	76-U20-SD	SE	076SD-0008-0001-SD	240-17317-18		1/1	06-Nov-2012 6:10 PM	16-Nov-2012 1:26 PM	10-Dec-2012 10:04 AM	N
68349	65386	NA	76-U20-SD2	SE	076SD-00010-0001- SD	240-17317-20		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	12-Dec-2012 2:22 PM	FD
68588	65386	NA	76-U20-SD3	SE	076SD-0011-0001-SD	240-17317-21		1/1	06-Nov-2012 6:25 PM	16-Nov-2012 1:26 PM	13-Dec-2012 6:03 PM	N
68844	65386	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	15-Dec-2012 2:32 PM	N
	65386	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	15-Dec-2012 2:32 PM	N
	65386	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 1:26 PM	15-Dec-2012 2:32 PM	SD

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	76-U20-SD	SE	076SD-0008-0001-SD	240-17317-18		1/1	06-Nov-2012 6:10 PM	16-Nov-2012 10:46 AM	21-Nov-2012 6:27 AM	N
	6026	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 10:46 AM	21-Nov-2012 7:08 AM	N
	6026	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 10:46 AM	21-Nov-2012 7:48 AM	MS
	6026	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 10:46 AM	21-Nov-2012 7:48 AM	SD
	6026	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 10:46 AM	21-Nov-2012 8:29 AM	N
	6026	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 10:46 AM	21-Nov-2012 8:29 AM	MS
	6026	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 10:46 AM	21-Nov-2012 8:29 AM	SD
6234	6026	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		2/1	06-Nov-2012 6:15 PM	16-Nov-2012 10:46 AM	22-Nov-2012 1:37 AM	SD
6177	6026	NA	76-U20-SD2	SE	076SD-00010-0001- SD	240-17317-20		1/1	06-Nov-2012 6:15 PM	16-Nov-2012 10:48 AM	21-Nov-2012 9:09 AM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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	76-U20-SD3	SE	076SD-0011-0001-SD	240-17317-21		1/1	06-Nov-2012 6:25 PM	16-Nov-2012 10:48 AM	21-Nov-2012 9:50 AM	N
	6026	NA	76-U20-SD4	SE	076SD-0012-0001-SD	240-17317-22		1/1	06-Nov-2012 6:30 PM	16-Nov-2012 10:48 AM	21-Nov-2012 10:30 AM	N
6234	6026	NA	76-U20-SD2	SE	076SD-00010-0001- SD	240-17317-20		2/1	06-Nov-2012 6:15 PM	16-Nov-2012 10:48 AM	22-Nov-2012 2:43 AM	FD
6340	6035	NA	76-U20-SD	SE	076SD-0008-0001-SD	240-17317-18		2/1	06-Nov-2012 6:10 PM	16-Nov-2012 11:29 AM	26-Nov-2012 3:22 PM	N
	6035	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		3/1	06-Nov-2012 6:15 PM	16-Nov-2012 11:29 AM	26-Nov-2012 3:37 PM	SD
	6035	NA	76-U20-SD2	SE	076SD-0009-0001-SD	240-17317-19		2/1	06-Nov-2012 6:15 PM	16-Nov-2012 11:29 AM	26-Nov-2012 3:51 PM	N
	6035	NA	76-U20-SD2	SE	076SD-0009-0002-SD	240-17317-19		2/1	06-Nov-2012 6:15 PM	16-Nov-2012 11:29 AM	26-Nov-2012 4:05 PM	MS
	6035	NA	76-U20-SD2	SE	076SD-00010-0001- SD	240-17317-20		3/1	06-Nov-2012 6:15 PM	16-Nov-2012 11:29 AM	26-Nov-2012 4:19 PM	FD
	6035	NA	76-U20-SD3	SE	076SD-0011-0001-SD	240-17317-21		2/1	06-Nov-2012 6:25 PM	16-Nov-2012 11:29 AM	26-Nov-2012 4:34 PM	N
	6035	NA	76-U20-SD4	SE	076SD-0012-0001-SD	240-17317-22		2/1	06-Nov-2012 6:30 PM	16-Nov-2012 11:29 AM	26-Nov-2012 4:48 PM	N
	6035	NA	LABQC	SQ	LABQC	MB 320-6035/1-A		1/1	16-Nov-2012 12:45 PM	16-Nov-2012 12:45 PM	26-Nov-2012 12:45 PM	LB
	6035	NA	LABQC	SQ	LABQC	LCS 320-6035/2-A		1/1	16-Nov-2012 12:59 PM	16-Nov-2012 12:59 PM	26-Nov-2012 12:59 PM	BS
6234	6026	NA	LABQC	SQ	LABQC	MB 320-6026/1-A		2/1	16-Nov-2012 5:59 PM	16-Nov-2012 5:59 PM	21-Nov-2012 5:59 PM	LB
6177	6026	NA	LABQC	SQ	LABQC	MB 320-6026/1-A		1/1	16-Nov-2012 10:21 PM	16-Nov-2012 10:21 PM	20-Nov-2012 10:21 PM	LB
	6026	NA	LABQC	SQ	LABQC	LCS 320-6026/2-A		1/1	16-Nov-2012 11:02 PM	16-Nov-2012 11:02 PM	20-Nov-2012 11:02 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Field Batch Report

Test Method: SW8260B		Leach Method: NONE						
EBLOT	TBLOT	ABLLOT	LOCID	Matrix	FLDSAMPID	LABSAMPID	LOGDATE	SACODE
	07111201		FIELDQC	WQ	076SS-0027-0001-TB	240-17317-25	11/7/2012 8:00:00 AM	TB

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
E353.2/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Nitrocellulose	5.0	1.9	1.9 J		MG/KG	TR
E353.2/NONE	SE	076SD-00008-0001-SD	240-17317-18	N	Nitrocellulose	5.0	0.94	0.94 J		MG/KG	TR
E353.2/NONE	SE	076SD-00009-0001-SD	240-17317-19	N	Nitrocellulose	4.9	2.5	2.5 J		MG/KG	TR/M
E353.2/NONE	SE	076SD-00011-0001-SD	240-17317-21	N	Nitrocellulose	4.9	2.1	2.1 J		MG/KG	TR
E353.2/NONE	SE	076SD-00012-0001-SD	240-17317-22	N	Nitrocellulose	4.9	0.86	0.86 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	SO	070SS-0006M-0003-SO	240-17317-11	N	Petroleum Hydrocarbons C6-C12	92.0	58.0	92.0 U	+	UG/KG	T/J
M8015V/NONE	WG	076SS-0027-0001-TB	240-17317-25	N	Petroleum Hydrocarbons C6-C12	100	55.0	55.0 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Antimony	0.97	0.97	0.97 UJ	-	MG/KG	M
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Cadmium	0.19	0.16	0.19 U	+	MG/KG	B2
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Calcium	970	2100	2100 J	+	MG/KG	M
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Chromium	2.4	25.0	25.0 J		MG/KG	D1/d
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Iron	240	21000	21000 J	+	MG/KG	J
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Silver	0.097	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SE	076SD-00008-0001-SD	240-17317-18	N	Antimony	0.87	0.87	0.87 UJ	-	MG/KG	M
SW6020/NONE	SE	076SD-00008-0001-SD	240-17317-18	N	Calcium	170	1600	1600 J	+	MG/KG	M
SW6020/NONE	SE	076SD-00008-0001-SD	240-17317-18	N	Chromium	0.43	15.0	15.0 J		MG/KG	D1/d
SW6020/NONE	SE	076SD-00008-0001-SD	240-17317-18	N	Silver	0.087	0.039	0.039 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Sodium	87.0	42.0	42.0 J		MG/KG	TR
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Antimony	0.96	0.96	0.96 UJ	-	MG/KG	M
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Cadmium	0.19	0.16	0.19 U	+	MG/KG	B2
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Calcium	190	1800	1800 J	+	MG/KG	M
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Chromium	0.48	44.0	44.0 J		MG/KG	D1/d
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Silver	0.096	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Sodium	96.0	49.0	49.0 J		MG/KG	TR
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Antimony	0.19	0.99	0.99 J	-	MG/KG	M
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Calcium	190	3000	3000 J	+	MG/KG	M
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Chromium	0.48	23.0	23.0 J		MG/KG	D1/d
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Iron	48.0	22000	22000 J	+	MG/KG	J
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Thallium	0.21	0.21	0.21 U	+	MG/KG	B2
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Antimony	0.20	0.46	0.46 J	-	MG/KG	M
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Calcium	200	1700	1700 J	+	MG/KG	M
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Chromium	0.49	16.0	16.0 J		MG/KG	D1/d
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Iron	49.0	17000	17000 J	+	MG/KG	J
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Selenium	0.49	0.45	0.45 J		MG/KG	TR
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Silver	0.098	0.064	0.064 J		MG/KG	TR
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Sodium	98.0	65.0	65.0 J		MG/KG	TR
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Thallium	0.20	0.19	0.20 U	+	MG/KG	B2
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Antimony	0.16	0.31	0.31 J	-	MG/KG	M
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Silver	0.082	0.047	0.047 J		MG/KG	TR
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Thallium	0.17	0.17	0.17 U	+	MG/KG	B2
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Antimony	0.95	0.43	0.43 J	-	MG/KG	TR/M
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Silver	0.095	0.046	0.046 J		MG/KG	TR
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Sodium	95.0	47.0	47.0 J		MG/KG	TR
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Antimony	0.18	0.24	0.24 J	-	MG/KG	M
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Silver	0.089	0.052	0.052 J		MG/KG	TR
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Sodium	89.0	54.0	54.0 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Thallium	0.18	0.15	0.18 U	+	MG/KG	B2
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Antimony	0.20	0.21	0.21 J	-	MG/KG	M
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Silver	0.099	0.051	0.051 J		MG/KG	TR
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Sodium	99.0	74.0	74.0 J		MG/KG	TR
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Thallium	0.20	0.18	0.20 U	+	MG/KG	B2
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Antimony	0.17	0.23	0.23 J	-	MG/KG	M
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Silver	0.085	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Thallium	0.17	0.14	0.17 U	+	MG/KG	B2
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Antimony	0.16	0.16	0.16 J	-	MG/KG	M
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Silver	0.078	0.039	0.039 J		MG/KG	TR
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Thallium	0.16	0.12	0.16 U	+	MG/KG	B2
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Mercury	0.11	0.059	0.11 U	+	MG/KG	L
SW7471A/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Mercury	0.097	0.061	0.097 U	+	MG/KG	L
SW7471A/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Mercury	0.095	0.053	0.095 U	+	MG/KG	L
SW7471A/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Mercury	0.097	0.097	0.097 U	+	MG/KG	L
SW7471A/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Mercury	0.092	0.063	0.092 U	+	MG/KG	L
SW7471A/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Mercury	0.11	0.084	0.11 U	+	MG/KG	L
SW7471A/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Mercury	0.11	0.099	0.11 U	+	MG/KG	L
SW7471A/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Mercury	0.11	0.062	0.11 U	+	MG/KG	L
SW7471A/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Mercury	0.097	0.060	0.097 U	+	MG/KG	L
SW7471A/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Mercury	0.090	0.071	0.090 U	+	MG/KG	L
SW7471A/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Mercury	0.10	0.048	0.10 U	+	MG/KG	L
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	PCB-1260 (Arochlor 1260)	55.0	42.0	42.0 J		UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Carbon Disulfide	4.6	0.79	0.79 J		UG/KG	TR
SW8260B/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Acetone	36.0	25.0	36.0 U		UG/KG	L/J

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Toluene	4.7	0.64	0.64 J		UG/KG	TR
SW8260B/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	1,1,2,2-Tetrachloroethane	5.0	5.0	5.0 UJ		UG/KG	S
SW8260B/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Styrene	5.0	0.21	0.21 J		UG/KG	TR/I
SW8260B/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Toluene	5.0	0.41	0.41 J		UG/KG	TR/I
SW8260B/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	1,1,2,2-Tetrachloroethane	6.8	6.8	6.8 UJ		UG/KG	S
SW8260B/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Acetone	27.0	11.0	27.0 U		UG/KG	L/I/J
SW8260B/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Acetone	46.0	46.0	46.0 U		UG/KG	L
SW8260B/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Carbon Disulfide	5.9	1.0	1.0 J		UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	4-Bromophenyl phenyl ether	51.0	51.0	51.0 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	4-Chloro-3-Methylphenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	4-Chlorophenyl Phenyl Ether	51.0	51.0	51.0 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Acenaphthene	6.7	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Acenaphthylene	6.7	6.5	6.5 J		UG/KG	TR
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Dibenzofuran	51.0	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Hexachloroethane	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	4,6-Dinitro-2-Methylphenol	150	150	150 UJ		UG/KG	J
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	bis(2-Ethylhexyl) Phthalate	51.0	30.0	30.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Dibenzofuran	51.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	3,3'-Dichlorobenzidine	100	100	100 R		UG/KG	V1/M
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	3-Nitroaniline	200	200	200 R		UG/KG	M
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	4-Bromophenyl phenyl ether	51.0	51.0	51.0 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	4-Chloro-3-Methylphenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	4-Chloroaniline	150	150	150 R		UG/KG	M
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	4-Chlorophenyl Phenyl Ether	51.0	51.0	51.0 UJ		UG/KG	V1

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	4-Nitroaniline	200	200	200 R		UG/KG	M
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	4-Nitrophenol	330	330	330 UJ		UG/KG	M
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Benzo(g,h,i)perylene	6.8	39.0	39.0 J		UG/KG	M
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Benzoic acid	670	670	670 UJ		UG/KG	J
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Dibenzofuran	51.0	14.0	14.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Diethyl Phthalate	51.0	23.0	23.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Hexachloroethane	51.0	51.0	51.0 UJ		UG/KG	J/M
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Indeno(1,2,3-c,d)pyrene	6.8	33.0	33.0 J		UG/KG	M
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Isophorone	51.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Pentachlorophenol	150	150	150 UJ		UG/KG	J
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	4-Bromophenyl phenyl ether	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	4-Chloro-3-Methylphenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	4-Chlorophenyl Phenyl Ether	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Acenaphthene	6.7	5.9	5.9 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Dibenzofuran	50.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Di-n-Butyl Phthalate	50.0	21.0	21.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Hexachloroethane	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Isophorone	50.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Pentachlorophenol	150	84.0	84.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Phenol	50.0	49.0	49.0 J		UG/KG	TR
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	2,4-Dinitrophenol	4100	4100	4100 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	3,3'-Dichlorobenzidine	1200	1200	1200 UJ		UG/KG	V1
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	4,6-Dinitro-2-Methylphenol	1900	1900	1900 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Acenaphthylene	83.0	55.0	55.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Benzo(g,h,i)perylene	83.0	2000	2000 J		UG/KG	J
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	n-Nitrosodiphenylamine	620	620	620 UJ		UG/KG	J

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	2,4-Dinitrophenol	1600	1600	1600 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	4,6-Dinitro-2-Methylphenol	740	740	740 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Acenaphthylene	33.0	28.0	28.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Benzo(g,h,i)perylene	33.0	600	600 J		UG/KG	J
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	n-Nitrosodiphenylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ		UG/KG	V1
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ		UG/KG	V1
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Acenaphthylene	68.0	43.0	43.0 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Dibenzofuran	510	460	460 J		UG/KG	TR
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	2,4-Dinitrophenol	830	830	830 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	3,3'-Dichlorobenzidine	250	250	250 UJ		UG/KG	V1
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	4,6-Dinitro-2-Methylphenol	380	380	380 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Benzo(g,h,i)perylene	17.0	200	200 J		UG/KG	J
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	n-Nitrosodiphenylamine	130	130	130 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	2,4-Dinitrophenol	1700	1700	1700 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	3,3'-Dichlorobenzidine	510	510	510 UJ		UG/KG	V1
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	4,6-Dinitro-2-Methylphenol	760	760	760 UJ		UG/KG	J
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Benzo(g,h,i)perylene	34.0	640	640 J		UG/KG	J
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	n-Nitrosodiphenylamine	250	250	250 UJ		UG/KG	J

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8330B/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Tetryl	0.25	0.034	0.034 J		MG/KG	TR
SW8330B/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Tetryl	0.25	0.35	0.35 J		MG/KG	M
SW8330B/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Tetryl	0.24	0.052	0.052 J		MG/KG	TR
SW8330B/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Nitroglycerin	0.49	0.14	0.14 J		MG/KG	TR
SW8330B/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Tetryl	0.24	0.037	0.037 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
E353.2/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Nitrocellulose	5.0	1.9	1.9 J	MG/KG	TR
E353.2/NONE	SE	076SD-00008-0001-SD	240-17317-18	N	Nitrocellulose	5.0	0.94	0.94 J	MG/KG	TR
E353.2/NONE	SE	076SD-00009-0001-SD	240-17317-19	N	Nitrocellulose	4.9	2.5	2.5 J	MG/KG	TR/M
E353.2/NONE	SE	076SD-00011-0001-SD	240-17317-21	N	Nitrocellulose	4.9	2.1	2.1 J	MG/KG	TR
E353.2/NONE	SE	076SD-00012-0001-SD	240-17317-22	N	Nitrocellulose	4.9	0.86	0.86 J	MG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	WG	076SS-0027-0001-TB	240-17317-25	N	Petroleum Hydrocarbons C6-C12	100	55.0	55.0 J	UG/L	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Silver	0.097	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Aluminum	49.0	8500	8500	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Arsenic	0.49	9.7	9.7	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Barium	2.4	58.0	58.0	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Beryllium	0.097	0.46	0.46	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Calcium	970	2100	2100 J +	MG/KG	M
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Cobalt	0.49	8.0	8.0	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Chromium	2.4	25.0	25.0 J	MG/KG	D1/d
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Copper	1.9	16.0	16.0	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Iron	240	21000	21000 J +	MG/KG	J
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Potassium	490	670	670	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Magnesium	490	2000	2000	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Manganese	2.4	360	360	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Nickel	2.4	22.0	22.0	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Lead	1.5	19.0	19.0	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Selenium	0.49	0.54	0.54	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Vanadium	2.4	15.0	15.0	MG/KG	
SW6020/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Zinc	19.0	59.0	59.0	MG/KG	
SW6020/NONE	SE	076SD-00008-0001-SD	240-17317-18	N	Silver	0.087	0.039	0.039 J	MG/KG	TR
SW6020/NONE	SE	076SD-00008-0001-SD	240-17317-18	N	Aluminum	8.7	9100	9100	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Arsenic	0.43	9.4	9.4	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Barium	2.2	65.0	65.0	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Beryllium	0.087	0.54	0.54	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Calcium	170	1600	1600 J +	MG/KG	M
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Cadmium	0.17	0.21	0.21	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Cobalt	0.087	9.6	9.6	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Chromium	0.43	15.0	15.0 J	MG/KG	D1/d
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Copper	0.35	15.0	15.0	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Iron	43.0	17000	17000	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Potassium	87.0	790	790	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Magnesium	87.0	1900	1900	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Manganese	0.43	330	330	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Sodium	87.0	42.0	42.0 J	MG/KG	TR
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Nickel	0.43	18.0	18.0	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Lead	1.3	29.0	29.0	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Selenium	0.43	0.65	0.65	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Vanadium	0.43	16.0	16.0	MG/KG	
SW6020/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Zinc	3.5	58.0	58.0	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Silver	0.096	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Aluminum	9.6	7500	7500	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Arsenic	0.48	9.5	9.5	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Barium	2.4	57.0	57.0	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Beryllium	0.096	0.45	0.45	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Calcium	190	1800	1800 J +	MG/KG	M
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Cobalt	0.096	7.3	7.3	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Chromium	0.48	44.0	44.0 J	MG/KG	D1/d
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Copper	0.38	15.0	15.0	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Iron	48.0	19000	19000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Potassium	96.0	590	590	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Magnesium	96.0	1800	1800	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Manganese	0.48	310	310	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Sodium	96.0	49.0	49.0 J	MG/KG	TR
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Nickel	0.48	30.0	30.0	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Lead	1.4	19.0	19.0	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Selenium	0.48	0.52	0.52	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Vanadium	0.48	14.0	14.0	MG/KG	
SW6020/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Zinc	3.8	49.0	49.0	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Silver	0.096	0.16	0.16	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Aluminum	9.6	9800	9800	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Arsenic	0.48	7.8	7.8	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Barium	0.48	190	190	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Beryllium	0.096	0.49	0.49	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Calcium	190	3000	3000 J +	MG/KG	M
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Cadmium	0.19	1.9	1.9	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Cobalt	0.096	6.1	6.1	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Chromium	0.48	23.0	23.0 J	MG/KG	D1/d
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Copper	0.38	32.0	32.0	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Iron	48.0	22000	22000 J +	MG/KG	J
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Potassium	96.0	830	830	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Magnesium	96.0	1500	1500	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Manganese	0.48	330	330	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Sodium	96.0	110	110	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Nickel	0.48	23.0	23.0	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Lead	0.29	100	100	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Antimony	0.19	0.99	0.99 J -	MG/KG	M
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Selenium	0.48	0.74	0.74	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Vanadium	0.48	17.0	17.0	MG/KG	
SW6020/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Zinc	3.8	390	390	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Silver	0.098	0.064	0.064 J	MG/KG	TR
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Aluminum	9.8	8200	8200	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Arsenic	0.49	7.1	7.1	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Barium	0.49	63.0	63.0	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Beryllium	0.098	0.40	0.40	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Calcium	200	1700	1700 J +	MG/KG	M
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Cadmium	0.20	0.41	0.41	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Cobalt	0.098	5.1	5.1	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Chromium	0.49	16.0	16.0 J	MG/KG	D1/d
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Copper	0.39	16.0	16.0	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Iron	49.0	17000	17000 J +	MG/KG	J
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Potassium	98.0	460	460	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Magnesium	98.0	1500	1500	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Manganese	0.49	270	270	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Sodium	98.0	65.0	65.0 J	MG/KG	TR
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Nickel	0.49	12.0	12.0	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Lead	0.29	49.0	49.0	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Antimony	0.20	0.46	0.46 J -	MG/KG	M
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Selenium	0.49	0.45	0.45 J	MG/KG	TR
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Vanadium	0.49	16.0	16.0	MG/KG	
SW6020/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Zinc	3.9	69.0	69.0	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Silver	0.082	0.047	0.047 J	MG/KG	TR
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Aluminum	8.2	13000	13000	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Arsenic	0.41	12.0	12.0	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Barium	0.41	130	130	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Beryllium	0.082	1.7	1.7	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Calcium	820	44000	44000	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Cadmium	0.16	1.1	1.1	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Cobalt	0.082	6.1	6.1	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Chromium	0.41	27.0	27.0	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Copper	0.33	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Iron	41.0	20000	20000	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Potassium	82.0	840	840	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Magnesium	82.0	7400	7400	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Manganese	2.0	1300	1300	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Sodium	82.0	180	180	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Nickel	0.41	27.0	27.0	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Lead	0.25	55.0	55.0	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Antimony	0.16	0.31	0.31 J -	MG/KG	M
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Selenium	0.41	0.87	0.87	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Vanadium	0.41	14.0	14.0	MG/KG	
SW6020/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Zinc	3.3	86.0	86.0	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Silver	0.095	0.046	0.046 J	MG/KG	TR
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Aluminum	9.5	8900	8900	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Arsenic	0.48	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Barium	2.4	62.0	62.0	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Beryllium	0.095	0.66	0.66	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Calcium	190	4500	4500	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Cadmium	0.19	0.33	0.33	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Cobalt	0.095	7.5	7.5	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Chromium	0.48	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Copper	0.38	20.0	20.0	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Iron	48.0	20000	20000	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Potassium	95.0	650	650	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Magnesium	95.0	2400	2400	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Manganese	0.48	460	460	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Sodium	95.0	47.0	47.0 J	MG/KG	TR
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Nickel	0.48	24.0	24.0	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Lead	1.4	37.0	37.0	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Antimony	0.95	0.43	0.43 J -	MG/KG	TR/M
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Selenium	0.48	0.71	0.71	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Vanadium	0.48	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Zinc	3.8	61.0	61.0	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Silver	0.089	0.052	0.052 J	MG/KG	TR
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Aluminum	8.9	9100	9100	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Arsenic	0.45	13.0	13.0	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Barium	0.45	98.0	98.0	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Beryllium	0.089	0.64	0.64	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Calcium	180	6800	6800	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Cadmium	0.18	0.47	0.47	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Cobalt	0.089	7.3	7.3	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Chromium	0.45	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Copper	0.36	17.0	17.0	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Iron	45.0	22000	22000	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Potassium	89.0	690	690	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Magnesium	89.0	2700	2700	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Manganese	2.2	580	580	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Sodium	89.0	54.0	54.0 J	MG/KG	TR
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Nickel	0.45	24.0	24.0	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Lead	0.27	34.0	34.0	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Antimony	0.18	0.24	0.24 J -	MG/KG	M
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Selenium	0.45	0.57	0.57	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Vanadium	0.45	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Zinc	3.6	96.0	96.0	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Silver	0.099	0.051	0.051 J	MG/KG	TR
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Aluminum	9.9	9800	9800	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Arsenic	0.50	15.0	15.0	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Barium	0.50	73.0	73.0	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Beryllium	0.099	0.82	0.82	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Calcium	200	9700	9700	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Cadmium	0.20	0.59	0.59	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Cobalt	0.099	7.0	7.0	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Chromium	0.50	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Copper	0.40	18.0	18.0	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Iron	50.0	22000	22000	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Potassium	99.0	710	710	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Magnesium	99.0	3000	3000	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Manganese	2.5	690	690	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Sodium	99.0	74.0	74.0 J	MG/KG	TR
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Nickel	0.50	22.0	22.0	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Lead	0.30	33.0	33.0	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Antimony	0.20	0.21	0.21 J -	MG/KG	M
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Selenium	0.50	0.65	0.65	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Vanadium	0.50	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Zinc	4.0	97.0	97.0	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Silver	0.085	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Aluminum	8.5	17000	17000	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Arsenic	0.43	7.8	7.8	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Barium	0.43	170	170	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Beryllium	0.085	2.1	2.1	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Calcium	1700	78000	78000	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Cadmium	0.17	0.30	0.30	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Cobalt	0.085	5.3	5.3	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Chromium	0.43	24.0	24.0	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Copper	0.34	10.0	10.0	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Iron	43.0	15000	15000	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Potassium	85.0	1100	1100	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Magnesium	850	11000	11000	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Manganese	4.3	1900	1900	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Sodium	85.0	330	330	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Nickel	0.43	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Lead	0.26	63.0	63.0	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Antimony	0.17	0.23	0.23 J -	MG/KG	M
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Selenium	0.43	1.2	1.2	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Vanadium	0.43	16.0	16.0	MG/KG	
SW6020/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Zinc	3.4	70.0	70.0	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Silver	0.078	0.039	0.039 J	MG/KG	TR
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Aluminum	7.8	11000	11000	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Arsenic	0.39	8.7	8.7	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Barium	0.39	140	140	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Beryllium	0.078	1.8	1.8	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Calcium	1600	57000	57000	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Cadmium	0.16	0.33	0.33	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Cobalt	0.078	3.7	3.7	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Chromium	0.39	27.0	27.0	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Copper	0.31	11.0	11.0	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Iron	39.0	12000	12000	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Potassium	78.0	840	840	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Magnesium	78.0	6600	6600	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Manganese	3.9	1500	1500	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Sodium	78.0	280	280	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Nickel	0.39	19.0	19.0	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Lead	0.23	46.0	46.0	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Antimony	0.16	0.16	0.16 J -	MG/KG	M
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Selenium	0.39	1.0	1.0	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Vanadium	0.39	8.5	8.5	MG/KG	
SW6020/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Zinc	3.1	54.0	54.0	MG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8082/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	PCB-1260 (Arochlor 1260)	55.0	252	252	UG/KG	
SW8082/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	PCB-1260 (Arochlor 1260)	55.0	42.0	42.0 J	UG/KG	TR
SW8082/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	PCB-1260 (Arochlor 1260)	55.0	68.0	68.0	UG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Carbon Disulfide	4.6	0.79	0.79 J	UG/KG	TR
SW8260B/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Toluene	4.7	0.64	0.64 J	UG/KG	TR
SW8260B/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Toluene	5.0	0.41	0.41 J	UG/KG	TR/I
SW8260B/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Styrene	5.0	0.21	0.21 J	UG/KG	TR/I
SW8260B/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Carbon Disulfide	5.9	1.0	1.0 J	UG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Acenaphthene	6.7	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Acenaphthylene	6.7	6.5	6.5 J	UG/KG	TR
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Anthracene	6.7	11.0	11.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	bis(2-Ethylhexyl) Phthalate	51.0	72.0	72.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Benzo(a)anthracene	6.7	46.0	46.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Benzo(a)pyrene	6.7	52.0	52.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Benzo(b)fluoranthene	6.7	71.0	71.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Benzo(g,h,i)perylene	6.7	31.0	31.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Benzo(k)fluoranthene	6.7	28.0	28.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Chrysene	6.7	55.0	55.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Dibenzofuran	51.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Fluorene	6.7	7.8	7.8	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Fluoranthene	6.7	88.0	88.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Indeno(1,2,3-c,d)pyrene	6.7	28.0	28.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	2-Methylnaphthalene	6.7	20.0	20.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Naphthalene	6.7	14.0	14.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Phenanthrene	6.7	51.0	51.0	UG/KG	
SW8270C/NONE	SE	076SD-00010-0001-SD	240-17317-20	FD	Pyrene	6.7	69.0	69.0	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Acenaphthene	6.8	14.0	14.0	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Acenaphthylene	6.8	41.0	41.0	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Anthracene	6.8	95.0	95.0	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	bis(2-Ethylhexyl) Phthalate	51.0	30.0	30.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Benzo(a)anthracene	6.8	270	270	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Benzo(a)pyrene	6.8	260	260	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Benzo(b)fluoranthene	6.8	370	370	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Benzo(g,h,i)perylene	6.8	120	120	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Benzo(k)fluoranthene	6.8	150	150	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Chrysene	6.8	290	290	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Dibenz(a,h)anthracene	6.8	38.0	38.0	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Dibenzofuran	51.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Fluorene	6.8	42.0	42.0	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Fluoranthene	6.8	720	720	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Indeno(1,2,3-c,d)pyrene	6.8	130	130	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	2-Methylnaphthalene	6.8	61.0	61.0	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Naphthalene	6.8	61.0	61.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Phenanthrene	6.8	430	430	UG/KG	
SW8270C/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Pyrene	6.8	530	530	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Acenaphthene	6.8	7.1	7.1	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Acenaphthylene	6.8	13.0	13.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Anthracene	6.8	16.0	16.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	n	bis(2-Ethylhexyl) Phthalate	51.0	89.0	89.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Benzo(a)anthracene	6.8	71.0	71.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Benzo(a)pyrene	6.8	69.0	69.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Benzo(b)fluoranthene	6.8	110	110	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Benzo(g,h,i)perylene	6.8	39.0	39.0 J	UG/KG	M
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Benzo(k)fluoranthene	6.8	38.0	38.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Chrysene	6.8	73.0	73.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Dibenzofuran	51.0	14.0	14.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Diethyl Phthalate	51.0	23.0	23.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Fluorene	6.8	12.0	12.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Fluoranthene	6.8	120	120	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Indeno(1,2,3-c,d)pyrene	6.8	33.0	33.0 J	UG/KG	M
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Isophorone	51.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	2-Methylnaphthalene	6.8	30.0	30.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Naphthalene	6.8	22.0	22.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Phenanthrene	6.8	68.0	68.0	UG/KG	
SW8270C/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Pyrene	6.8	100	100	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Acenaphthene	6.7	5.9	5.9 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Acenaphthylene	6.7	7.7	7.7	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Anthracene	6.7	11.0	11.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	bis(2-Ethylhexyl) Phthalate	50.0	50.0	50.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Benzo(a)anthracene	6.7	51.0	51.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Benzo(a)pyrene	6.7	68.0	68.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Benzo(b)fluoranthene	6.7	100	100	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Benzo(g,h,i)perylene	6.7	29.0	29.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Benzo(k)fluoranthene	6.7	35.0	35.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Chrysene	6.7	79.0	79.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Dibenzofuran	50.0	33.0	33.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	1,4-Dichlorobenzene	50.0	76.0	76.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Di-n-Butyl Phthalate	50.0	21.0	21.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Fluorene	6.7	6.7	6.7	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Fluoranthene	6.7	120	120	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Indeno(1,2,3-c,d)pyrene	6.7	30.0	30.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Isophorone	50.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	2-Methylnaphthalene	6.7	35.0	35.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Naphthalene	6.7	48.0	48.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Pentachlorophenol	150	84.0	84.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Phenanthrene	6.7	87.0	87.0	UG/KG	
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Phenol	50.0	49.0	49.0 J	UG/KG	TR
SW8270C/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Pyrene	6.7	83.0	83.0	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Anthracene	33.0	40.0	40.0	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Benzo(a)anthracene	33.0	84.0	84.0	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Benzo(a)pyrene	33.0	74.0	74.0	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Benzo(b)fluoranthene	33.0	96.0	96.0	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Benzo(g,h,i)perylene	33.0	47.0	47.0	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Benzo(k)fluoranthene	33.0	56.0	56.0	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Chrysene	33.0	98.0	98.0	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Fluoranthene	33.0	200	200	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Indeno(1,2,3-c,d)pyrene	33.0	38.0	38.0	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Phenanthrene	33.0	160	160	UG/KG	
SW8270C/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Pyrene	33.0	150	150	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Acenaphthene	83.0	660	660	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Acenaphthylene	83.0	55.0	55.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Anthracene	83.0	2600	2600	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Benzo(a)anthracene	83.0	5800	5800	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Benzo(a)pyrene	83.0	5100	5100	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Benzo(b)fluoranthene	83.0	8000	8000	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Benzo(g,h,i)perylene	83.0	2000	2000 J	UG/KG	J
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Benzo(k)fluoranthene	83.0	2200	2200	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Carbazole	620	1700	1700	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Chrysene	83.0	6000	6000	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Dibenz(a,h)anthracene	83.0	720	720	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Dibenzofuran	620	1000	1000	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Fluorene	83.0	1000	1000	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Fluoranthene	83.0	16000	16000	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Indeno(1,2,3-c,d)pyrene	83.0	1900	1900	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	2-Methylnaphthalene	83.0	450	450	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Naphthalene	83.0	700	700	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Phenanthrene	83.0	13000	13000	UG/KG	
SW8270C/NONE	SO	076SS-0001M-0001-SO	240-17317-2	N	Pyrene	83.0	11000	11000	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Acenaphthene	33.0	220	220	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Acenaphthylene	33.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Anthracene	33.0	790	790	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Benzo(a)anthracene	33.0	1500	1500	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Benzo(a)pyrene	33.0	1300	1300	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Benzo(b)fluoranthene	33.0	2000	2000	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Benzo(g,h,i)perylene	33.0	600	600 J	UG/KG	J
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Benzo(k)fluoranthene	33.0	660	660	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Carbazole	250	490	490	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Chrysene	33.0	1500	1500	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Dibenz(a,h)anthracene	33.0	200	200	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Dibenzofuran	250	330	330	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Fluorene	33.0	340	340	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Fluoranthene	33.0	4100	4100	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Indeno(1,2,3-c,d)pyrene	33.0	610	610	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	2-Methylnaphthalene	33.0	210	210	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Naphthalene	33.0	350	350	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Phenanthrene	33.0	3700	3700	UG/KG	
SW8270C/NONE	SO	076SS-0002M-0001-SO	240-17317-1	N	Pyrene	33.0	2800	2800	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Acenaphthene	67.0	480	480	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Anthracene	67.0	1800	1800	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Benzo(a)anthracene	67.0	2800	2800	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Benzo(a)pyrene	67.0	2300	2300	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Benzo(b)fluoranthene	67.0	3000	3000	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Benzo(g,h,i)perylene	67.0	1400	1400	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Benzo(k)fluoranthene	67.0	1200	1200	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Carbazole	500	990	990	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Chrysene	67.0	2800	2800	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Dibenz(a,h)anthracene	67.0	330	330	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Dibenzofuran	500	760	760	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Fluorene	67.0	810	810	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Fluoranthene	67.0	7900	7900	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Indeno(1,2,3-c,d)pyrene	67.0	1200	1200	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	2-Methylnaphthalene	67.0	220	220	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Naphthalene	67.0	630	630	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Phenanthrene	67.0	8000	8000	UG/KG	
SW8270C/NONE	SO	076SS-0003M-0001-SO	240-17317-10	N	Pyrene	67.0	5700	5700	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Acenaphthene	68.0	390	390	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Acenaphthylene	68.0	43.0	43.0 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Anthracene	68.0	1500	1500	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Benzo(a)anthracene	68.0	3400	3400	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Benzo(a)pyrene	68.0	2900	2900	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Benzo(b)fluoranthene	68.0	4300	4300	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Benzo(g,h,i)perylene	68.0	1700	1700	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Benzo(k)fluoranthene	68.0	1300	1300	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Carbazole	510	850	850	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Chrysene	68.0	3300	3300	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Dibenz(a,h)anthracene	68.0	520	520	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Dibenzofuran	510	460	460 J	UG/KG	TR
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Fluorene	68.0	570	570	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Fluoranthene	68.0	8800	8800	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Indeno(1,2,3-c,d)pyrene	68.0	1600	1600	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	2-Methylnaphthalene	68.0	250	250	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Naphthalene	68.0	330	330	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Phenanthrene	68.0	6800	6800	UG/KG	
SW8270C/NONE	SO	076SS-0004M-0001-SO	240-17317-9	N	Pyrene	68.0	6300	6300	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Acenaphthene	17.0	86.0	86.0	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Acenaphthylene	17.0	28.0	28.0	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Anthracene	17.0	280	280	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Benzo(a)anthracene	17.0	540	540	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Benzo(a)pyrene	17.0	510	510	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Benzo(b)fluoranthene	17.0	790	790	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Benzo(g,h,i)perylene	17.0	200	200 J	UG/KG	J
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Benzo(k)fluoranthene	17.0	300	300	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Carbazole	130	170	170	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Chrysene	17.0	570	570	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Dibenz(a,h)anthracene	17.0	81.0	81.0	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Dibenzofuran	130	130	130	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Fluorene	17.0	130	130	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Fluoranthene	17.0	1400	1400	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Indeno(1,2,3-c,d)pyrene	17.0	210	210	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	2-Methylnaphthalene	17.0	140	140	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Naphthalene	17.0	160	160	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Phenanthrene	17.0	1200	1200	UG/KG	
SW8270C/NONE	SO	076SS-0005M-0001-SO	240-17317-3	N	Pyrene	17.0	940	940	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Acenaphthene	34.0	220	220	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Acenaphthylene	34.0	95.0	95.0	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Anthracene	34.0	630	630	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Benzo(a)anthracene	34.0	1700	1700	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Benzo(a)pyrene	34.0	1500	1500	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Benzo(b)fluoranthene	34.0	2300	2300	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Benzo(g,h,i)perylene	34.0	640	640 J	UG/KG	J
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Benzo(k)fluoranthene	34.0	830	830	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Carbazole	250	390	390	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Chrysene	34.0	1700	1700	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Dibenz(a,h)anthracene	34.0	210	210	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Dibenzofuran	250	390	390	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Fluorene	34.0	270	270	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Fluoranthene	34.0	4100	4100	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Indeno(1,2,3-c,d)pyrene	34.0	650	650	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	2-Methylnaphthalene	34.0	1000	1000	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Naphthalene	34.0	750	750	UG/KG	
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Phenanthrene	34.0	3000	3000	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SS-0006M-0001-SO	240-17317-4	N	Pyrene	34.0	3000	3000	UG/KG	
SW8330B/NONE	SE	076SD-0008-0001-SD	240-17317-18	N	Tetryl	0.25	0.034	0.034 J	MG/KG	TR
SW8330B/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	NITROGUANIDINE	0.24	0.89	0.89	MG/KG	
SW8330B/NONE	SE	076SD-0009-0001-SD	240-17317-19	N	Tetryl	0.25	0.35	0.35 J	MG/KG	M
SW8330B/NONE	SE	076SD-0011-0001-SD	240-17317-21	N	Tetryl	0.24	0.052	0.052 J	MG/KG	TR
SW8330B/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Nitroglycerin	0.49	0.14	0.14 J	MG/KG	TR
SW8330B/NONE	SE	076SD-0012-0001-SD	240-17317-22	N	Tetryl	0.24	0.037	0.037 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SE	076SD-0009-0001-SD	N	4-Chloroaniline	150	150	R	UG/KG	M
SW8270C/NONE	SE	076SD-0009-0001-SD	N	3,3'-Dichlorobenzidine	100	100	R	UG/KG	V1/M
SW8270C/NONE	SE	076SD-0009-0001-SD	N	3-Nitroaniline	200	200	R	UG/KG	M
SW8270C/NONE	SE	076SD-0009-0001-SD	N	4-Nitroaniline	200	200	R	UG/KG	M

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Anomalies Count

SDG Name: 240-17317-1_(76-SS,SD)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
M8015V/SW3550B/NONE	2	2
SW6020/SW3050B/NONE	11	105
SW7471A/TOTAL/NONE	4	4
SW8082/SW3540C/NONE	7	49
SW8260B/SW5030B/NONE	1	1
SW8270C/SW3550/NONE	11	277

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015V/NONE	070SS-0002M-0002-SO	N	1	Petroleum Hydrocarbons C6-C12	130 U	60	130	100	UG/KG
M8015V/NONE	070SS-0007M-0002-SO	FD	1	Petroleum Hydrocarbons C6-C12	120 U	55	120	100	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	076SD-00010-0001-SD	FD	5	Aluminum	8500	12	49	10	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Antimony	0.97 UJ	0.3	0.97	0.5	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Barium	58	0.63	2.4	1	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	1	Cadmium	0.19 U	0.003	0.19	0.1	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Calcium	2100 J	190	970	10	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Chromium	25 J	0.78	2.4	0.5	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Copper	16	0.53	1.9	0.5	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Iron	21000 J	53	240	10	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Lead	19	0.34	1.5	0.3	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Magnesium	2000	43	490	10	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Manganese	360	0.78	2.4	1	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Nickel	22	0.42	2.4	1	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Potassium	670	18	490	20	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Sodium	490 U	68	490	20	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Thallium	0.97 U	0.27	0.97	0.2	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Vanadium	15	0.21	2.4	1	MG/KG
SW6020/NONE	076SD-00010-0001-SD	FD	5	Zinc	59	4.9	19	1	MG/KG
SW6020/NONE	076SD-0008-0001-SD	N	5	Antimony	0.87 UJ	0.27	0.87	0.5	MG/KG
SW6020/NONE	076SD-0008-0001-SD	N	5	Barium	65	0.57	2.2	1	MG/KG
SW6020/NONE	076SD-0008-0001-SD	N	1	Cadmium	0.21	0.0027	0.17	0.1	MG/KG
SW6020/NONE	076SD-0008-0001-SD	N	1	Calcium	1600 J	35	170	10	MG/KG
SW6020/NONE	076SD-0008-0001-SD	N	1	Iron	17000	9.5	43	10	MG/KG
SW6020/NONE	076SD-0008-0001-SD	N	5	Lead	29	0.31	1.3	0.3	MG/KG
SW6020/NONE	076SD-0008-0001-SD	N	1	Magnesium	1900	7.7	87	10	MG/KG
SW6020/NONE	076SD-0008-0001-SD	N	1	Potassium	790	3.3	87	20	MG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	076SD-0008-0001-SD	N	1	Sodium	42 J	12	87	20	MG/KG
SW6020/NONE	076SD-0008-0001-SD	N	5	Thallium	0.87 U	0.24	0.87	0.2	MG/KG
SW6020/NONE	076SD-0008-0001-SD	N	1	Zinc	58	0.87	3.5	1	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	5	Antimony	0.96 UJ	0.3	0.96	0.5	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	5	Barium	57	0.63	2.4	1	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	1	Cadmium	0.19 U	0.003	0.19	0.1	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	1	Calcium	1800 J	39	190	10	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	1	Iron	19000	10	48	10	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	5	Lead	19	0.34	1.4	0.3	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	1	Magnesium	1800	8.6	96	10	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	1	Potassium	590	3.6	96	20	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	1	Sodium	49 J	13	96	20	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	5	Thallium	0.96 U	0.27	0.96	0.2	MG/KG
SW6020/NONE	076SD-0009-0001-SD	N	1	Zinc	49	0.96	3.8	1	MG/KG
SW6020/NONE	076SD-0011-0001-SD	N	1	Cadmium	1.9	0.003	0.19	0.1	MG/KG
SW6020/NONE	076SD-0011-0001-SD	N	1	Calcium	3000 J	39	190	10	MG/KG
SW6020/NONE	076SD-0011-0001-SD	N	1	Iron	22000 J	10	48	10	MG/KG
SW6020/NONE	076SD-0011-0001-SD	N	1	Magnesium	1500	8.6	96	10	MG/KG
SW6020/NONE	076SD-0011-0001-SD	N	1	Potassium	830	3.6	96	20	MG/KG
SW6020/NONE	076SD-0011-0001-SD	N	1	Sodium	110	13	96	20	MG/KG
SW6020/NONE	076SD-0011-0001-SD	N	1	Thallium	0.21 U	0.054	0.21	0.2	MG/KG
SW6020/NONE	076SD-0011-0001-SD	N	1	Zinc	390	0.96	3.8	1	MG/KG
SW6020/NONE	076SD-0012-0001-SD	N	1	Cadmium	0.41	0.003	0.2	0.1	MG/KG
SW6020/NONE	076SD-0012-0001-SD	N	1	Calcium	1700 J	39	200	10	MG/KG
SW6020/NONE	076SD-0012-0001-SD	N	1	Iron	17000 J	11	49	10	MG/KG
SW6020/NONE	076SD-0012-0001-SD	N	1	Magnesium	1500	8.7	98	10	MG/KG
SW6020/NONE	076SD-0012-0001-SD	N	1	Potassium	460	3.7	98	20	MG/KG
SW6020/NONE	076SD-0012-0001-SD	N	1	Sodium	65 J	14	98	20	MG/KG
SW6020/NONE	076SD-0012-0001-SD	N	1	Zinc	69	0.98	3.9	1	MG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	076SS-0001M-0001-SO	N	1	Cadmium	1.1	0.0025	0.16	0.1	MG/KG
SW6020/NONE	076SS-0001M-0001-SO	N	5	Calcium	44000	160	820	10	MG/KG
SW6020/NONE	076SS-0001M-0001-SO	N	1	Iron	20000	8.9	41	10	MG/KG
SW6020/NONE	076SS-0001M-0001-SO	N	1	Magnesium	7400	7.3	82	10	MG/KG
SW6020/NONE	076SS-0001M-0001-SO	N	5	Manganese	1300	0.66	2	1	MG/KG
SW6020/NONE	076SS-0001M-0001-SO	N	1	Potassium	840	3.1	82	20	MG/KG
SW6020/NONE	076SS-0001M-0001-SO	N	1	Sodium	180	11	82	20	MG/KG
SW6020/NONE	076SS-0001M-0001-SO	N	1	Zinc	86	0.82	3.3	1	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	5	Antimony	0.43 J	0.3	0.95	0.5	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	5	Barium	62	0.62	2.4	1	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	1	Cadmium	0.33	0.003	0.19	0.1	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	1	Calcium	4500	38	190	10	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	1	Iron	20000	10	48	10	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	5	Lead	37	0.34	1.4	0.3	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	1	Magnesium	2400	8.5	95	10	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	1	Potassium	650	3.6	95	20	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	1	Sodium	47 J	13	95	20	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	5	Thallium	0.95 U	0.27	0.95	0.2	MG/KG
SW6020/NONE	076SS-0002M-0001-SO	N	1	Zinc	61	0.95	3.8	1	MG/KG
SW6020/NONE	076SS-0003M-0001-SO	N	1	Cadmium	0.47	0.0028	0.18	0.1	MG/KG
SW6020/NONE	076SS-0003M-0001-SO	N	1	Calcium	6800	36	180	10	MG/KG
SW6020/NONE	076SS-0003M-0001-SO	N	1	Iron	22000	9.7	45	10	MG/KG
SW6020/NONE	076SS-0003M-0001-SO	N	1	Magnesium	2700	7.9	89	10	MG/KG
SW6020/NONE	076SS-0003M-0001-SO	N	5	Manganese	580	0.71	2.2	1	MG/KG
SW6020/NONE	076SS-0003M-0001-SO	N	1	Potassium	690	3.4	89	20	MG/KG
SW6020/NONE	076SS-0003M-0001-SO	N	1	Sodium	54 J	13	89	20	MG/KG
SW6020/NONE	076SS-0003M-0001-SO	N	1	Zinc	96	0.89	3.6	1	MG/KG
SW6020/NONE	076SS-0004M-0001-SO	N	1	Cadmium	0.59	0.0031	0.2	0.1	MG/KG
SW6020/NONE	076SS-0004M-0001-SO	N	1	Calcium	9700	40	200	10	MG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	076SS-0004M-0001-SO	N	1	Iron	22000	11	50	10	MG/KG
SW6020/NONE	076SS-0004M-0001-SO	N	1	Magnesium	3000	8.8	99	10	MG/KG
SW6020/NONE	076SS-0004M-0001-SO	N	5	Manganese	690	0.79	2.5	1	MG/KG
SW6020/NONE	076SS-0004M-0001-SO	N	1	Potassium	710	3.7	99	20	MG/KG
SW6020/NONE	076SS-0004M-0001-SO	N	1	Sodium	74 J	14	99	20	MG/KG
SW6020/NONE	076SS-0004M-0001-SO	N	1	Zinc	97	0.99	4	1	MG/KG
SW6020/NONE	076SS-0005M-0001-SO	N	1	Cadmium	0.3	0.0026	0.17	0.1	MG/KG
SW6020/NONE	076SS-0005M-0001-SO	N	10	Calcium	78000	340	1700	10	MG/KG
SW6020/NONE	076SS-0005M-0001-SO	N	1	Iron	15000	9.3	43	10	MG/KG
SW6020/NONE	076SS-0005M-0001-SO	N	10	Magnesium	11000	76	850	10	MG/KG
SW6020/NONE	076SS-0005M-0001-SO	N	10	Manganese	1900	1.4	4.3	1	MG/KG
SW6020/NONE	076SS-0005M-0001-SO	N	1	Potassium	1100	3.2	85	20	MG/KG
SW6020/NONE	076SS-0005M-0001-SO	N	1	Sodium	330	12	85	20	MG/KG
SW6020/NONE	076SS-0005M-0001-SO	N	1	Zinc	70	0.85	3.4	1	MG/KG
SW6020/NONE	076SS-0006M-0001-SO	N	1	Cadmium	0.33	0.0024	0.16	0.1	MG/KG
SW6020/NONE	076SS-0006M-0001-SO	N	10	Calcium	57000	310	1600	10	MG/KG
SW6020/NONE	076SS-0006M-0001-SO	N	1	Iron	12000	8.5	39	10	MG/KG
SW6020/NONE	076SS-0006M-0001-SO	N	1	Magnesium	6600	6.9	78	10	MG/KG
SW6020/NONE	076SS-0006M-0001-SO	N	10	Manganese	1500	1.2	3.9	1	MG/KG
SW6020/NONE	076SS-0006M-0001-SO	N	1	Potassium	840	2.9	78	20	MG/KG
SW6020/NONE	076SS-0006M-0001-SO	N	1	Sodium	280	11	78	20	MG/KG
SW6020/NONE	076SS-0006M-0001-SO	N	1	Zinc	54	0.78	3.1	1	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	076SD-00010-0001-SD	FD	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SS-0001M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SS-0002M-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	076SS-0003M-0001-SO	N	1	Mercury	0.11 U	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 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SD-00010-0001-SD	FD	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SD-00010-0001-SD	FD	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SD-00010-0001-SD	FD	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SD-00010-0001-SD	FD	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SD-00010-0001-SD	FD	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-00010-0001-SD	FD	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-00010-0001-SD	FD	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0008-0001-SD	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SD-0008-0001-SD	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SD-0008-0001-SD	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SD-0008-0001-SD	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SD-0008-0001-SD	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0008-0001-SD	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0008-0001-SD	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0009-0001-SD	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SD-0009-0001-SD	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SD-0009-0001-SD	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SD-0009-0001-SD	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SD-0009-0001-SD	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0009-0001-SD	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0009-0001-SD	N	1	PCB-1260 (Arochlor 1260)	252	17	55	33	UG/KG
SW8082/NONE	076SD-0011-0001-SD	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SD-0011-0001-SD	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SD-0011-0001-SD	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SD-0011-0001-SD	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SD-0011-0001-SD	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0011-0001-SD	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0011-0001-SD	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0012-0001-SD	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	076SD-0012-0001-SD	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SD-0012-0001-SD	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SD-0012-0001-SD	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SD-0012-0001-SD	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0012-0001-SD	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SD-0012-0001-SD	N	1	PCB-1260 (Arochlor 1260)	55 U	17	55	33	UG/KG
SW8082/NONE	076SS-0001M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SS-0001M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SS-0001M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SS-0001M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SS-0001M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SS-0001M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SS-0001M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	42 J	17	55	33	UG/KG
SW8082/NONE	076SS-0002M-0001-SO	N	1	PCB-1016 (Arochlor 1016)	65 U	21	65	33	UG/KG
SW8082/NONE	076SS-0002M-0001-SO	N	1	PCB-1221 (Arochlor 1221)	50 U	16	50	33	UG/KG
SW8082/NONE	076SS-0002M-0001-SO	N	1	PCB-1232 (Arochlor 1232)	45 U	14	45	33	UG/KG
SW8082/NONE	076SS-0002M-0001-SO	N	1	PCB-1242 (Arochlor 1242)	40 U	13	40	33	UG/KG
SW8082/NONE	076SS-0002M-0001-SO	N	1	PCB-1248 (Arochlor 1248)	55 U	17	55	33	UG/KG
SW8082/NONE	076SS-0002M-0001-SO	N	1	PCB-1254 (Arochlor 1254)	55 U	17	55	33	UG/KG
SW8082/NONE	076SS-0002M-0001-SO	N	1	PCB-1260 (Arochlor 1260)	68	17	55	33	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SS-0001M-0001-SO	N	1	1,2-Dichloroethene	9.3 U	0.71	9.3	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	1,1,1-Trichloroethane	8.9 U	1	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	8.9 U	0.6	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	1,1,2-Trichloroethane	8.9 U	0.69	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	1,1-Dichloroethane	8.9 U	0.64	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	1,1-Dichloroethene	8.9 U	0.92	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	1,2-Dibromoethane (EDB)	8.9 U	0.89	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	1,2-Dichloroethane	8.9 U	0.6	8.9	5	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SS-0002M-0001-SO	N	1	1,2-Dichloroethene	18 U	1.4	18	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	1,2-Dichloropropane	8.9 U	1.2	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	2-Butanone (MEK)	36 U	2.5	36	20	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	2-Hexanone	36 U	1.1	36	20	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	36 U	0.96	36	20	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Acetone	36 U	11	36	20	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Benzene	8.9 U	0.41	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Bromochloromethane	8.9 U	1.3	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Bromodichloromethane	8.9 U	0.5	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Bromoform	8.9 U	0.59	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Bromomethane	8.9 U	0.96	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Carbon Disulfide	8.9 U	0.78	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Carbon Tetrachloride	8.9 U	0.66	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Chlorobenzene	8.9 U	0.59	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Chloroethane	8.9 U	1.5	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Chloroform	8.9 U	0.52	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Chloromethane	8.9 U	0.73	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	cis-1,3-Dichloropropene	8.9 U	0.6	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Dibromochloromethane	8.9 U	0.98	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Ethylbenzene	8.9 U	0.46	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Methylene Chloride	8.9 U	1.2	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Styrene	8.9 U	0.27	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Tetrachloroethene (PCE)	8.9 U	0.92	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Toluene	8.9 U	0.48	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	trans-1,3-Dichloropropene	8.9 U	0.96	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Trichloroethene (TCE)	8.9 U	0.75	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Vinyl Chloride	8.9 U	0.69	8.9	5	UG/KG
SW8260B/NONE	076SS-0002M-0001-SO	N	1	Xylenes, Total	18 U	1.2	18	10	UG/KG
SW8260B/NONE	076SS-0003M-0001-SO	N	1	1,2-Dichloroethene	9.4 U	0.72	9.4	5	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SS-0004M-0001-SO	N	1	1,2-Dichloroethene	10 U	0.77	10	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	1,1,1-Trichloroethane	6.8 U	0.76	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	6.8 UJ	0.46	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	1,1,2-Trichloroethane	6.8 U	0.53	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	1,1-Dichloroethane	6.8 U	0.49	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	1,1-Dichloroethene	6.8 U	0.71	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	1,2-Dibromoethane (EDB)	6.8 U	0.68	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	1,2-Dichloroethane	6.8 U	0.46	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	1,2-Dichloroethene	14 U	1	14	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	1,2-Dichloropropane	6.8 U	0.94	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	2-Butanone (MEK)	27 U	1.9	27	20	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	2-Hexanone	27 U	0.86	27	20	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	27 U	0.73	27	20	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Acetone	27 U	8.6	27	20	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Benzene	6.8 U	0.31	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Bromochloromethane	6.8 U	0.97	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Bromodichloromethane	6.8 U	0.38	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Bromoform	6.8 U	0.45	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Bromomethane	6.8 U	0.73	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Carbon Disulfide	6.8 U	0.6	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Carbon Tetrachloride	6.8 U	0.5	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Chlorobenzene	6.8 U	0.45	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Chloroethane	6.8 U	1.2	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Chloroform	6.8 U	0.39	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Chloromethane	6.8 U	0.56	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	cis-1,3-Dichloropropene	6.8 U	0.46	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Dibromochloromethane	6.8 U	0.75	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Ethylbenzene	6.8 U	0.35	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Methylene Chloride	6.8 U	0.91	6.8	5	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Styrene	6.8 U	0.2	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Tetrachloroethene (PCE)	6.8 U	0.71	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Toluene	6.8 U	0.37	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	trans-1,3-Dichloropropene	6.8 U	0.73	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Trichloroethene (TCE)	6.8 U	0.57	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Vinyl Chloride	6.8 U	0.53	6.8	5	UG/KG
SW8260B/NONE	076SS-0005M-0001-SO	N	1	Xylenes, Total	14 U	0.91	14	10	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	1,1,1-Trichloroethane	5.9 U	0.66	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	1,1,2,2-Tetrachloroethane	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	1,1,2-Trichloroethane	5.9 U	0.46	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	1,1-Dichloroethane	5.9 U	0.42	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	1,1-Dichloroethene	5.9 U	0.61	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	1,2-Dibromoethane (EDB)	5.9 U	0.59	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	1,2-Dichloroethane	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	1,2-Dichloroethene	12 U	0.9	12	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	1,2-Dichloropropane	5.9 U	0.81	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	2-Butanone (MEK)	23 U	1.6	23	20	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	2-Hexanone	23 U	0.74	23	20	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	4-Methyl-2-pentanone (MIBK)	23 U	0.63	23	20	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Acetone	46 U	7.4	46	20	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Benzene	5.9 U	0.27	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Bromochloromethane	5.9 U	0.83	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Bromodichloromethane	5.9 U	0.33	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Bromoform	5.9 U	0.39	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Bromomethane	5.9 U	0.63	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Carbon Disulfide	1 J	0.52	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Carbon Tetrachloride	5.9 U	0.43	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Chlorobenzene	5.9 U	0.39	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Chloroethane	5.9 U	1	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 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Chloroform	5.9 U	0.34	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Chloromethane	5.9 U	0.48	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	cis-1,3-Dichloropropene	5.9 U	0.4	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Dibromochloromethane	5.9 U	0.64	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Ethylbenzene	5.9 U	0.3	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Methylene Chloride	5.9 U	0.79	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Styrene	5.9 U	0.18	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Tetrachloroethene (PCE)	5.9 U	0.61	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Toluene	5.9 U	0.32	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	trans-1,3-Dichloropropene	5.9 U	0.63	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Trichloroethene (TCE)	5.9 U	0.49	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Vinyl Chloride	5.9 U	0.46	5.9	5	UG/KG
SW8260B/NONE	076SS-0006M-0001-SO	N	1	Xylenes, Total	12 U	0.79	12	10	UG/KG
SW8260B/NONE	076SS-0027-0001-TB	TB	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	076SD-00010-0001-SD	FD	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SD-00010-0001-SD	FD	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SD-0008-0001-SD	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SD-0008-0001-SD	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	076SD-0009-0001-SD	N	1	Carbazole	51 U	27	51	50	UG/KG
SW8270C/NONE	076SD-0009-0001-SD	N	1	Cresols, m & p	410 U	20	410	300	UG/KG
SW8270C/NONE	076SD-0011-0001-SD	N	1	Cresols, m & p	400 U	20	400	300	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	2,4,6-Trichlorophenol	750 U	400	750	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	2,4-Dichlorophenol	750 U	100	750	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	2,4-Dimethylphenol	750 U	100	750	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	2,4-Dinitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	2-Methylphenol (o-Cresol)	1000 U	400	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 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SD-0012-0001-SD	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	3,3'-Dichlorobenzidine	500 UJ	90	500	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	3-Nitroaniline	1000 U	80	1000	800	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	4-Chloro-3-Methylphenol	750 U	110	750	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	4-Chloroaniline	750 U	85	750	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	4-Nitrophenol	1700 U	400	1700	800	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	10	500	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	bis(2-Chloroisopropyl) Ether	500 U	48	500	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	Carbazole	250 U	140	250	50	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	076SD-0012-0001-SD	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	1,2,4-Trichlorobenzene	620 U	340	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	1,2-Dichlorobenzene	620 U	120	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	1,3-Dichlorobenzene	620 U	140	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	1,4-Dichlorobenzene	620 U	250	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2,4,5-Trichlorophenol	1900 U	310	1900	800	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2,4,6-Trichlorophenol	1900 U	1000	1900	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2,4-Dichlorophenol	1900 U	250	1900	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2,4-Dimethylphenol	1900 U	250	1900	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2,4-Dinitrophenol	4100 UJ	1000	4100	800	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2,4-Dinitrotoluene	2500 U	340	2500	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2,6-Dinitrotoluene	2500 U	260	2500	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2-Chloronaphthalene	620 U	41	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2-Chlorophenol	620 U	340	620	330	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2-Methylphenol (o-Cresol)	2500 U	1000	2500	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2-Nitroaniline	2500 U	110	2500	800	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	2-Nitrophenol	620 U	340	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	3,3'-Dichlorobenzidine	1200 UJ	220	1200	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	3-Nitroaniline	2500 U	200	2500	800	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	4,6-Dinitro-2-Methylphenol	1900 UJ	1000	1900	800	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	4-Bromophenyl phenyl ether	620 U	160	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	4-Chloro-3-Methylphenol	1900 U	260	1900	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	4-Chloroaniline	1900 U	210	1900	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	4-Chlorophenyl Phenyl Ether	620 U	160	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	4-Nitroaniline	2500 U	320	2500	800	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	4-Nitrophenol	4100 U	1000	4100	800	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Acenaphthene	660	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Acenaphthylene	55 J	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Anthracene	2600	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Benzo(a)anthracene	5800	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Benzo(a)pyrene	5100	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Benzo(b)fluoranthene	8000	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Benzo(g,h,i)perylene	2000 J	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Benzo(k)fluoranthene	2200	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Benzoic acid	8200 U	4200	8200	800	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Benzyl alcohol	4100 U	260	4100	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Benzyl butyl phthalate	620 U	120	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	bis(2-Chloroethoxy) Methane	1200 U	270	1200	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1200 U	25	1200	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	bis(2-Chloroisopropyl) Ether	1200 U	120	1200	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Carbazole	1700	340	620	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Chrysene	6000	14	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Cresols, m & p	5000 U	250	5000	300	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Dibenz(a,h)anthracene	720	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Dibenzofuran	1000	41	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Diethyl Phthalate	620 U	200	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Dimethyl Phthalate	620 U	210	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Di-n-Butyl Phthalate	620 U	190	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Di-n-Octylphthalate	620 U	340	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Fluoranthene	16000	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Fluorene	1000	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Hexachlorobutadiene	620 U	340	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Hexachlorocyclopentadiene	4100 U	340	4100	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Hexachloroethane	620 U	110	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Indeno(1,2,3-c,d)pyrene	1900	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Isophorone	620 U	160	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Naphthalene	700	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Nitrobenzene	1200 U	27	1200	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	n-Nitrosodi-n-propylamine	620 U	340	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Pentachlorophenol	1900 U	1000	1900	800	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Phenanthrene	13000	41	83	50	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Phenol	620 U	340	620	330	UG/KG
SW8270C/NONE	076SS-0001M-0001-SO	N	12.5	Pyrene	11000	41	83	50	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	2,4,6-Trichlorophenol	740 U	400	740	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	2,4-Dichlorophenol	740 U	99	740	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	2,4-Dimethylphenol	740 U	99	740	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	2,4-Dinitrophenol	1600 UJ	400	1600	800	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	2,4-Dinitrotoluene	990 U	130	990	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	2,6-Dinitrotoluene	990 U	100	990	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	2-Methylphenol (o-Cresol)	990 U	400	990	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	2-Nitroaniline	990 U	45	990	800	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	3,3'-Dichlorobenzidine	500 UJ	89	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 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0002M-0001-SO	N	5	3-Nitroaniline	990 U	79	990	800	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	4-Chloro-3-Methylphenol	740 U	100	740	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	4-Chloroaniline	740 U	84	740	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	4-Nitroaniline	990 U	130	990	800	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	4-Nitrophenol	1600 U	400	1600	800	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	Benzoic acid	3300 U	1600	3300	800	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	Benzyl alcohol	1600 U	100	1600	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	500 U	110	500	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	500 U	9.9	500	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	500 U	47	500	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	Carbazole	490	130	250	50	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	Cresols, m & p	2000 U	99	2000	300	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	Hexachlorocyclopentadiene	1600 U	130	1600	330	UG/KG
SW8270C/NONE	076SS-0002M-0001-SO	N	5	Nitrobenzene	500 U	11	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	1,2,4-Trichlorobenzene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	1,2-Dichlorobenzene	500 U	98	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	1,3-Dichlorobenzene	500 U	110	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	1,4-Dichlorobenzene	500 U	200	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	810	1500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	2000	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2-Chloronaphthalene	500 U	33	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2-Chlorophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	810	2000	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2-Nitroaniline	2000 U	92	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 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0003M-0001-SO	N	10	2-Nitrophenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	4-Bromophenyl phenyl ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	500 U	130	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	4-Nitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Acenaphthene	480	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Acenaphthylene	67 U	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Anthracene	1800	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Benzo(a)anthracene	2800	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Benzo(a)pyrene	2300	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Benzo(b)fluoranthene	3000	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Benzo(g,h,i)perylene	1400	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Benzo(k)fluoranthene	1200	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Benzoic acid	6700 U	3400	6700	800	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Benzyl butyl phthalate	500 U	100	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	96	1000	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Carbazole	990	270	500	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Chrysene	2800	11	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Dibenz(a,h)anthracene	330	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Dibenzofuran	760	33	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 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Diethyl Phthalate	500 U	160	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Dimethyl Phthalate	500 U	170	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Di-n-Butyl Phthalate	500 U	150	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Di-n-Octylphthalate	500 U	270	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Fluoranthene	7900	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Fluorene	810	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Hexachlorobutadiene	500 U	270	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Hexachloroethane	500 U	91	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	1200	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Isophorone	500 U	130	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Naphthalene	630	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	n-Nitrosodi-n-propylamine	500 U	270	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Pentachlorophenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Phenanthrene	8000	33	67	50	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Phenol	500 U	270	500	330	UG/KG
SW8270C/NONE	076SS-0003M-0001-SO	N	10	Pyrene	5700	33	67	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	1,2,4-Trichlorobenzene	510 U	270	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	1,2-Dichlorobenzene	510 U	98	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	1,3-Dichlorobenzene	510 U	110	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	1,4-Dichlorobenzene	510 U	200	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2,4,5-Trichlorophenol	1500 U	250	1500	800	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2,4,6-Trichlorophenol	1500 U	810	1500	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2,4-Dichlorophenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2,4-Dimethylphenol	1500 U	200	1500	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2,4-Dinitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2,4-Dinitrotoluene	2000 U	270	2000	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2,6-Dinitrotoluene	2000 U	210	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 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2-Chloronaphthalene	510 U	33	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2-Chlorophenol	510 U	270	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2-Methylphenol (o-Cresol)	2000 U	810	2000	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2-Nitroaniline	2000 U	92	2000	800	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	2-Nitrophenol	510 U	270	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	3,3'-Dichlorobenzidine	1000 UJ	180	1000	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	3-Nitroaniline	2000 U	160	2000	800	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	4,6-Dinitro-2-Methylphenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	4-Bromophenyl phenyl ether	510 U	130	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	4-Chloro-3-Methylphenol	1500 U	210	1500	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	4-Chloroaniline	1500 U	170	1500	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	4-Chlorophenyl Phenyl Ether	510 U	130	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	4-Nitroaniline	2000 U	260	2000	800	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	4-Nitrophenol	3300 U	810	3300	800	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Acenaphthene	390	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Acenaphthylene	43 J	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Anthracene	1500	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Benzo(a)anthracene	3400	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Benzo(a)pyrene	2900	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Benzo(b)fluoranthene	4300	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Benzo(g,h,i)perylene	1700	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Benzo(k)fluoranthene	1300	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Benzoic acid	6700 U	3400	6700	800	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Benzyl alcohol	3300 U	210	3300	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Benzyl butyl phthalate	510 U	100	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	bis(2-Chloroethoxy) Methane	1000 U	220	1000	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000 U	20	1000	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	bis(2-Chloroisopropyl) Ether	1000 U	96	1000	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Carbazole	850	270	510	50	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Chrysene	3300	11	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Cresols, m & p	4000 U	200	4000	300	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Dibenz(a,h)anthracene	520	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Dibenzofuran	460 J	33	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Diethyl Phthalate	510 U	160	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Dimethyl Phthalate	510 U	170	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Di-n-Butyl Phthalate	510 U	150	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Di-n-Octylphthalate	510 U	270	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Fluoranthene	8800	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Fluorene	570	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Hexachlorobutadiene	510 U	270	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Hexachlorocyclopentadiene	3300 U	270	3300	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Hexachloroethane	510 U	91	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Indeno(1,2,3-c,d)pyrene	1600	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Isophorone	510 U	130	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Naphthalene	330	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Nitrobenzene	1000 U	22	1000	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	n-Nitrosodi-n-propylamine	510 U	270	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Pentachlorophenol	1500 U	810	1500	800	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Phenanthrene	6800	33	68	50	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Phenol	510 U	270	510	330	UG/KG
SW8270C/NONE	076SS-0004M-0001-SO	N	10	Pyrene	6300	33	68	50	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	2,4,6-Trichlorophenol	380 U	200	380	330	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	2,4-Dichlorophenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	2,4-Dimethylphenol	380 U	50	380	330	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	2,4-Dinitrophenol	830 UJ	200	830	800	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	2,4-Dinitrotoluene	500 U	68	500	330	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	2,6-Dinitrotoluene	500 U	53	500	330	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	2-Methylphenol (o-Cresol)	500 U	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 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	4-Chloro-3-Methylphenol	380 U	53	380	330	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	4-Chloroaniline	380 U	43	380	330	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	4-Nitrophenol	830 U	200	830	800	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	Benzoic acid	1700 U	830	1700	800	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	Benzyl alcohol	830 U	53	830	330	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	Carbazole	170	68	130	50	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	Cresols, m & p	1000 U	50	1000	300	UG/KG
SW8270C/NONE	076SS-0005M-0001-SO	N	2.5	Hexachlorocyclopentadiene	830 U	68	830	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	2,4,6-Trichlorophenol	760 U	410	760	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	2,4-Dichlorophenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	2,4-Dimethylphenol	760 U	100	760	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	2,4-Dinitrophenol	1700 UJ	410	1700	800	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	2,4-Dinitrotoluene	1000 U	140	1000	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	2,6-Dinitrotoluene	1000 U	110	1000	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	2-Methylphenol (o-Cresol)	1000 U	410	1000	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	2-Nitroaniline	1000 U	46	1000	800	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	3,3'-Dichlorobenzidine	510 UJ	91	510	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	3-Nitroaniline	1000 U	81	1000	800	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	4-Chloro-3-Methylphenol	760 U	110	760	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	4-Chloroaniline	760 U	86	760	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	4-Nitroaniline	1000 U	130	1000	800	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	4-Nitrophenol	1700 U	410	1700	800	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	Benzoic acid	3300 U	1700	3300	800	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	Benzyl alcohol	1700 U	110	1700	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	bis(2-Chloroethoxy) Methane	510 U	110	510	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	510 U	10	510	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	bis(2-Chloroisopropyl) Ether	510 U	48	510	330	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	Carbazole	390	140	250	50	UG/KG
SW8270C/NONE	076SS-0006M-0001-SO	N	5	Cresols, m & p	2000 U	100	2000	300	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Reporting Anomalies

SDG Name: 240-17317-1_(76-SS,SD)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	076SS-0006M-0001-SO	N	5	Hexachlorocyclopentadiene	1700 U	140	1700	330	UG/KG
SW8270C/NONE	076SS-0006M-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 240-17317-1_(76-SS,SD)

Worksheet

SDG Name: 240-17317-1_(76-SS,SD)

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?			•	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 240-17317-1_(76-SS,SD)

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?				
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 240-17317-1_(76-SS,SD)

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?			•	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 240-17317-1_(76-SS,SD)

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?			•	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: 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?				

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Method: SW8081

Review Questions	Yes	No	NA	Comment
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?				
Were instrument run logs present and filled out appropriately?				

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

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%)?				
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?				

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Method: SW8082

Review Questions	Yes	No	NA	Comment
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?			•	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

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Method: SW8260B

Review Questions	Yes	No	NA	Comment
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?				

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?				

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Method: SW8270C

Review Questions	Yes	No	NA	Comment
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?				
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?				

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Method: SW8270C

Review Questions	Yes	No	NA	Comment
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?				
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?				

AUTOMATED DATA REVIEW SUMMARY for 240-17317-1_(76-SS,SD)

Method: SW8330B

Review Questions	Yes	No	NA	Comment
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 3

Automated Data Review Summary for 240-17669-1

This page intentionally left blank.

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

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 Corp., Otis Ang Base, MA

Data Review Contractor:

SDG: 240-17669-1_(70-SB), Certified - 1/3/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer:

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG 240-17669-1_(70-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
M8015D/NONE	2		0	
SW7471A/NONE	8		0	
SW8082/NONE	15		0	
SW8151/NONE	7		0	
SW8260B/NONE	2	1	0	0
SW8270C/NONE	22		0	
SW8330B/NONE	7		0	

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-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 Corp., Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-17669-1_(70-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
- 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
- Field Duplicate RPD
- Initial Calibration Verification
- Lab Replicate RPD
- LCS RPD

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Material Blank

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-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 58 results (3.11%) out of the 1864 results (sample and field QC samples) reported are qualified based on review and 7 results (0.38%) 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
M8015D	
SW7471A	
SW8082	
SW8151	
SW8260B	

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

SW8270C	
SW8330B	

Reviewed by ,

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Reason and Comment Code Definitions

Reasons

Code 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
	LCS Recovery
d	Field Duplicate RPD
	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.
	Holding time exceeded by more than 2X.
H1	Test Hold Time

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

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
	MS Recovery
N	Blank - No Action
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.
	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.
	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Z	LCS RPD
---	---------

Z2	Analyte not confirmed on second column
----	--

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 240-17669-1_(70-SB)

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
66605	66232	NA	LABQC	SQ	LABQC	MB 240-66232/18-A		1/1	26-Nov-2012 9:43 AM	26-Nov-2012 9:43 AM	28-Nov-2012 2:30 PM	LB
	66232	NA	LABQC	SQ	LABQC	LCS 240-66232/19-A		1/1	26-Nov-2012 9:43 AM	26-Nov-2012 9:43 AM	28-Nov-2012 3:00 PM	BS
	66232	NA	70-4759-DU6-SB5	SO	070SB-0040M-0001-SO	240-17669-22		1/1	13-Nov-2012 2:10 PM	26-Nov-2012 9:43 AM	28-Nov-2012 3:31 PM	N
	66232	NA	70-4760-DU5-SB2	SO	070SB-0030M-0001-SO	240-17669-12		1/1	13-Nov-2012 5:30 PM	26-Nov-2012 9:43 AM	28-Nov-2012 4:01 PM	N
	66232	NA	70-4760-DU5-SB2	SO	070SB-0030M-0001-SO	240-17669-12		1/1	13-Nov-2012 5:30 PM	26-Nov-2012 9:43 AM	28-Nov-2012 4:31 PM	MS
	66232	NA	70-4760-DU5-SB2	SO	070SB-0030M-0001-SO	240-17669-12		1/1	13-Nov-2012 5:30 PM	26-Nov-2012 9:43 AM	28-Nov-2012 5:02 PM	SD

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	65940	NA	LABQC	SQ	LABQC	MB 240-65940/1-A		1/1	21-Nov-2012 2:30 PM	21-Nov-2012 2:30 PM	30-Nov-2012 3:42 PM	LB
	65940	NA	LABQC	SQ	LABQC	LCS 240-65940/2-A		1/1	21-Nov-2012 2:30 PM	21-Nov-2012 2:30 PM	30-Nov-2012 3:43 PM	BS
	65940	NA	70-4740-DU3-SB1	SO	070SB-0021M-0001-SO	240-17669-3		1/1	13-Nov-2012 9:25 AM	21-Nov-2012 2:30 PM	30-Nov-2012 3:59 PM	N
	65940	NA	70-4740-DU3-SB5	SO	070SB-0025M-0001-SO	240-17669-7		1/1	13-Nov-2012 12:10 PM	21-Nov-2012 2:30 PM	30-Nov-2012 4:01 PM	N
	65940	NA	70-4740-DU3-SB4	SO	070SB-0024M-0001-SO	240-17669-6		1/1	13-Nov-2012 11:30 AM	21-Nov-2012 2:30 PM	30-Nov-2012 4:05 PM	N
	65940	NA	70-4740-DU3-SB	SO	070SB-0020M-0001-SO	240-17669-2		1/1	13-Nov-2012 12:31 PM	21-Nov-2012 2:30 PM	30-Nov-2012 4:06 PM	N
	65940	NA	70-4740-DU3-SB2	SO	070SB-0022M-0001-SO	240-17669-4		1/1	13-Nov-2012 9:48 AM	21-Nov-2012 2:30 PM	30-Nov-2012 4:12 PM	N
	65940	NA	70-4740-DU3-SB3	SO	070SB-0023M-0001-SO	240-17669-5		1/1	13-Nov-2012 11:05 AM	21-Nov-2012 2:30 PM	30-Nov-2012 4:15 PM	N
	65940	NA	70-4740-DU3-SB	SO	070SB-0019M-0001-SO	240-17669-1		1/1	13-Nov-2012 12:30 PM	21-Nov-2012 2:30 PM	30-Nov-2012 4:16 PM	N
	66302	NA	LABQC	SQ	LABQC	MB 240-66302/1-A		1/1	26-Nov-2012 2:45 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:20 PM	LB
	66302	NA	LABQC	SQ	LABQC	LCS 240-66302/2-A		1/1	26-Nov-2012 2:45 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:22 PM	BS
	66302	NA	70-4740-DU3-SB1	SO	070SB-0026M-0001-SO	240-17669-8		1/1	13-Nov-2012 10:00 AM	26-Nov-2012 2:45 PM	30-Nov-2012 2:46 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

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
66199	65936	NA	LABQC	SQ	LABQC	MB 240-65936/23-A		1/1	21-Nov-2012 11:48 AM	21-Nov-2012 11:48 AM	26-Nov-2012 11:11 AM	LB
	65936	NA	70-4740-DU3-SB	SO	070SB-0019M-0001-SO	240-17669-1		1/1	13-Nov-2012 12:30 PM	21-Nov-2012 11:48 AM	26-Nov-2012 12:11 PM	N
	65936	NA	70-4740-DU3-SB	SO	070SB-0020M-0001-SO	240-17669-2		1/1	13-Nov-2012 12:31 PM	21-Nov-2012 11:48 AM	26-Nov-2012 12:26 PM	N
	65936	NA	70-4740-DU3-SB3	SO	070SB-0023M-0001-SO	240-17669-5		1/1	13-Nov-2012 11:05 AM	21-Nov-2012 11:48 AM	26-Nov-2012 1:11 PM	N
	65936	NA	70-4740-DU3-SB4	SO	070SB-0024M-0001-SO	240-17669-6		1/1	13-Nov-2012 11:30 AM	21-Nov-2012 11:48 AM	26-Nov-2012 1:26 PM	N
	65936	NA	LABQC	SQ	LABQC	LCS 240-65936/24-A		1/1	21-Nov-2012 11:48 AM	21-Nov-2012 11:48 AM	26-Nov-2012 1:41 PM	BS
66468	65936	NA	70-4740-DU3-SB1	SO	070SB-0021M-0001-SO	240-17669-3		1/1	13-Nov-2012 9:25 AM	21-Nov-2012 11:48 AM	27-Nov-2012 4:10 PM	N
	65936	NA	70-4740-DU3-SB2	SO	070SB-0022M-0001-SO	240-17669-4		1/1	13-Nov-2012 9:48 AM	21-Nov-2012 11:48 AM	27-Nov-2012 4:25 PM	N
66313	66042	NA	70-4740-DU3-SB5	SO	070SB-0025M-0001-SO	240-17669-7		1/1	13-Nov-2012 12:10 PM	23-Nov-2012 8:16 AM	26-Nov-2012 3:35 PM	N
	66042	NA	70-4740-DU3-SB1	SO	070SB-0026M-0001-SO	240-17669-8		1/1	13-Nov-2012 10:00 AM	23-Nov-2012 8:16 AM	26-Nov-2012 3:50 PM	N
	66042	NA	70-4759-DU6-SB	SO	070SB-0034M-0001-SO	240-17669-16		1/1	13-Nov-2012 3:55 PM	23-Nov-2012 8:16 AM	26-Nov-2012 4:05 PM	N
	66042	NA	70-4759-DU6-SB	SO	070SB-0035M-0001-SO	240-17669-17		1/1	13-Nov-2012 3:56 PM	23-Nov-2012 8:16 AM	26-Nov-2012 4:20 PM	N
	66042	NA	70-4759-DU6-SB1	SO	070SB-0036M-0001-SO	240-17669-18		1/1	13-Nov-2012 2:40 PM	23-Nov-2012 8:16 AM	26-Nov-2012 4:34 PM	N
	66042	NA	70-4759-DU6-SB2	SO	070SB-0037M-0001-SO	240-17669-19		1/1	13-Nov-2012 3:20 PM	23-Nov-2012 8:16 AM	26-Nov-2012 4:50 PM	N
	66042	NA	70-4759-DU6-SB3	SO	070SB-0038M-0001-SO	240-17669-20		1/1	13-Nov-2012 2:52 PM	23-Nov-2012 8:16 AM	26-Nov-2012 5:04 PM	N
	66042	NA	LABQC	SQ	LABQC	MB 240-66042/21-A		1/1	23-Nov-2012 8:16 AM	23-Nov-2012 8:16 AM	26-Nov-2012 5:19 PM	LB
	66042	NA	70-4759-DU6-SB4	SO	070SB-0039M-0001-SO	240-17669-21		1/1	13-Nov-2012 2:20 PM	23-Nov-2012 8:16 AM	26-Nov-2012 5:49 PM	N
	66042	NA	70-4759-DU6-SB5	SO	070SB-0040M-0001-SO	240-17669-22		1/1	13-Nov-2012 2:10 PM	23-Nov-2012 8:16 AM	26-Nov-2012 6:04 PM	N
	66042	NA	LABQC	SQ	LABQC	LCS 240-66042/22-A		1/1	23-Nov-2012 8:16 AM	23-Nov-2012 8:16 AM	26-Nov-2012 6:19 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

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

67147	65739	NA	70-4760-DU5-SB	SO	070SB-0027M-0001-SO	240-17669-9		1/1	13-Nov-2012 5:45 PM	20-Nov-2012 10:21 AM	03-Dec-2012 9:26 PM	N
	65739	NA	70-4760-DU5-SB	SO	070SB-0028M-0001-SO	240-17669-10		1/1	13-Nov-2012 5:46 PM	20-Nov-2012 10:21 AM	03-Dec-2012 9:50 PM	N
	65739	NA	70-4760-DU5-SB1	SO	070SB-0029M-0001-SO	240-17669-11		1/1	13-Nov-2012 5:45 PM	20-Nov-2012 10:21 AM	03-Dec-2012 10:14 PM	N
	65739	NA	70-4760-DU5-SB2	SO	070SB-0030M-0001-SO	240-17669-12		1/1	13-Nov-2012 5:30 PM	20-Nov-2012 10:21 AM	03-Dec-2012 10:38 PM	N
	65739	NA	70-4760-DU5-SB3	SO	070SB-0031M-0001-SO	240-17669-13		1/1	13-Nov-2012 5:15 PM	20-Nov-2012 10:21 AM	03-Dec-2012 11:01 PM	N
	65739	NA	70-4760-DU5-SB4	SO	070SB-0032M-0001-SO	240-17669-14		1/1	13-Nov-2012 4:30 PM	20-Nov-2012 10:21 AM	03-Dec-2012 11:25 PM	N
	65739	NA	70-4760-DU5-SB5	SO	070SB-0033M-0001-SO	240-17669-15		1/1	13-Nov-2012 4:25 PM	20-Nov-2012 10:21 AM	03-Dec-2012 11:49 PM	N
	65739	NA	70-4760-DU5-SB	SO	070SB-0027M-0001-SO	240-17669-9		1/1	13-Nov-2012 5:45 PM	20-Nov-2012 10:21 AM	04-Dec-2012 12:12 AM	MS
	65739	NA	70-4760-DU5-SB	SO	070SB-0027M-0001-SO	240-17669-9		1/1	13-Nov-2012 5:45 PM	20-Nov-2012 10:21 AM	04-Dec-2012 12:36 AM	SD
	65739	NA	LABQC	SQ	LABQC	MB 240-65739/20-A		1/1	20-Nov-2012 10:21 AM	20-Nov-2012 10:21 AM	04-Dec-2012 1:47 AM	LB
	65739	NA	LABQC	SQ	LABQC	LCS 240-65739/19-A		1/1	20-Nov-2012 10:21 AM	20-Nov-2012 10:21 AM	04-Dec-2012 2:11 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
66063	NA	NA	LABQC	SQ	LABQC	LCS 240-66063/16		1/1	23-Nov-2012 2:51 PM		23-Nov-2012 2:51 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-66063/17		1/1	23-Nov-2012 3:13 PM		23-Nov-2012 3:13 PM	LB
66175	NA	NA	LABQC	SQ	LABQC	LCS 240-66175/7		1/1	25-Nov-2012 9:38 AM		25-Nov-2012 9:38 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-66175/8		1/1	25-Nov-2012 9:59 AM		25-Nov-2012 9:59 AM	LB
66063	65854	NA	70-4760-DU5-SB2	SO	070SB-0030M-0001-SO	240-17669-12		1/1	13-Nov-2012 5:30 PM	15-Nov-2012 9:20 AM	23-Nov-2012 6:48 PM	N
66175	65854	NA	70-4759-DU6-SB5	SO	070SB-0040M-0001-SO	240-17669-22		1/1	13-Nov-2012 2:10 PM	15-Nov-2012 9:20 AM	25-Nov-2012 2:18 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	70-4759-DU6-SB5	WG	070SB-0041M-0001-TB	240-17669-23		1/1	13-Nov-2012 7:00 AM	21-Nov-2012 4:24 PM	21-Nov-2012 4:24 PM	N

Test Method: SW8270C; Leach Method: NONE

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

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
67537	66066	NA	LABQC	SQ	LABQC	MB 240-66066/21-A		1/1	23-Nov-2012 9:19 AM	23-Nov-2012 9:19 AM	06-Dec-2012 10:18 AM	LB
	66066	NA	LABQC	SQ	LABQC	LCS 240-66066/22-A		1/1	23-Nov-2012 9:19 AM	23-Nov-2012 9:19 AM	06-Dec-2012 10:43 AM	BS
	66066	NA	70-4740-DU3-SB	SO	070SB-0020M-0001-SO	240-17669-2		1/1	13-Nov-2012 12:31 PM	23-Nov-2012 9:19 AM	06-Dec-2012 11:07 AM	N
	66066	NA	70-4740-DU3-SB1	SO	070SB-0026M-0001-SO	240-17669-8		1/1	13-Nov-2012 10:00 AM	23-Nov-2012 9:19 AM	06-Dec-2012 11:32 AM	N
	66066	NA	70-4760-DU5-SB3	SO	070SB-0031M-0001-SO	240-17669-13		1/1	13-Nov-2012 5:15 PM	23-Nov-2012 9:19 AM	06-Dec-2012 11:57 AM	N
	66066	NA	70-4740-DU3-SB3	SO	070SB-0023M-0001-SO	240-17669-5		1/1	13-Nov-2012 11:05 AM	23-Nov-2012 9:19 AM	06-Dec-2012 12:22 PM	N
	66066	NA	70-4760-DU5-SB2	SO	070SB-0030M-0001-SO	240-17669-12		1/1	13-Nov-2012 5:30 PM	23-Nov-2012 9:19 AM	06-Dec-2012 12:46 PM	N
	66066	NA	70-4740-DU3-SB4	SO	070SB-0024M-0001-SO	240-17669-6		1/1	13-Nov-2012 11:30 AM	23-Nov-2012 9:19 AM	06-Dec-2012 1:11 PM	N
	66066	NA	70-4740-DU3-SB5	SO	070SB-0025M-0001-SO	240-17669-7		1/1	13-Nov-2012 12:10 PM	23-Nov-2012 9:19 AM	06-Dec-2012 1:36 PM	N
	66066	NA	70-4760-DU5-SB	SO	070SB-0027M-0001-SO	240-17669-9		1/1	13-Nov-2012 5:45 PM	23-Nov-2012 9:19 AM	06-Dec-2012 2:01 PM	N
67729	66066	NA	70-4740-DU3-SB	SO	070SB-0019M-0001-SO	240-17669-1		1/5	13-Nov-2012 12:30 PM	23-Nov-2012 9:19 AM	07-Dec-2012 2:58 PM	N
	66066	NA	70-4740-DU3-SB1	SO	070SB-0021M-0001-SO	240-17669-3		1/5	13-Nov-2012 9:25 AM	23-Nov-2012 9:19 AM	07-Dec-2012 3:23 PM	N
	66066	NA	70-4760-DU5-SB	SO	070SB-0028M-0001-SO	240-17669-10		1/5	13-Nov-2012 5:46 PM	23-Nov-2012 9:19 AM	07-Dec-2012 3:48 PM	N
	66066	NA	70-4760-DU5-SB1	SO	070SB-0029M-0001-SO	240-17669-11		1/5	13-Nov-2012 5:45 PM	23-Nov-2012 9:19 AM	07-Dec-2012 4:13 PM	N
	66066	NA	70-4760-DU5-SB4	SO	070SB-0032M-0001-SO	240-17669-14		1/5	13-Nov-2012 4:30 PM	23-Nov-2012 9:19 AM	07-Dec-2012 4:38 PM	N
67052	66145	NA	LABQC	SQ	LABQC	LCS 240-66145/21-A		1/1	24-Nov-2012 7:46 AM	24-Nov-2012 7:46 AM	03-Dec-2012 3:12 PM	BS
	66145	NA	70-4740-DU3-SB2	SO	070SB-0022M-0001-SO	240-17669-4		1/1	13-Nov-2012 9:48 AM	24-Nov-2012 7:46 AM	03-Dec-2012 4:23 PM	N
67225	66145	NA	LABQC	SQ	LABQC	MB 240-66145/20-A		1/1	24-Nov-2012 7:46 AM	24-Nov-2012 7:46 AM	04-Dec-2012 11:19 AM	LB
67390	66227	NA	LABQC	SQ	LABQC	MB 240-66227/23-A		1/1	26-Nov-2012 9:35 AM	26-Nov-2012 9:35 AM	05-Dec-2012 10:19 AM	LB
	66227	NA	LABQC	SQ	LABQC	LCS 240-66227/24-A		1/1	26-Nov-2012 9:35 AM	26-Nov-2012 9:35 AM	05-Dec-2012 10:43 AM	BS
	66227	NA	70-4760-DU5-SB5	SO	070SB-0033M-0001-SO	240-17669-15		1/5	13-Nov-2012 4:25 PM	26-Nov-2012 9:35 AM	05-Dec-2012 12:16 PM	N
	66227	NA	70-4759-DU6-SB	SO	070SB-0034M-0001-SO	240-17669-16		1/5	13-Nov-2012	26-Nov-2012	05-Dec-2012	N

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

					SO				3:55 PM	9:35 AM	12:39 PM	
66227	NA	70-4759-DU6-SB	SO	070SB-0035M-0001-SO	240-17669-17		1/5	13-Nov-2012 3:56 PM	26-Nov-2012 9:35 AM	05-Dec-2012 1:02 PM	N	
66227	NA	70-4759-DU6-SB1	SO	070SB-0036M-0001-SO	240-17669-18		1/5	13-Nov-2012 2:40 PM	26-Nov-2012 9:35 AM	05-Dec-2012 1:25 PM	N	
66227	NA	70-4759-DU6-SB2	SO	070SB-0037M-0001-SO	240-17669-19		1/5	13-Nov-2012 3:20 PM	26-Nov-2012 9:35 AM	05-Dec-2012 1:48 PM	N	
66227	NA	70-4759-DU6-SB3	SO	070SB-0038M-0001-SO	240-17669-20		1/5	13-Nov-2012 2:52 PM	26-Nov-2012 9:35 AM	05-Dec-2012 2:12 PM	N	
66227	NA	70-4759-DU6-SB4	SO	070SB-0039M-0001-SO	240-17669-21		1/5	13-Nov-2012 2:20 PM	26-Nov-2012 9:35 AM	05-Dec-2012 2:35 PM	N	
66227	NA	70-4759-DU6-SB5	SO	070SB-0040M-0001-SO	240-17669-22		1/5	13-Nov-2012 2:10 PM	26-Nov-2012 9:35 AM	05-Dec-2012 2:58 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
6640	6245	NA	LABQC	SQ	LABQC	MB 320-6245/1-A		1/1	21-Nov-2012 3:09 PM	21-Nov-2012 3:09 PM	01-Dec-2012 11:13 AM	LB
	6245	NA	LABQC	SQ	LABQC	LCS 320-6245/2-A		1/1	21-Nov-2012 3:09 PM	21-Nov-2012 3:09 PM	01-Dec-2012 11:53 AM	BS
	6245	NA	70-4759-DU6-SB	SO	070SB-0034M-0001-SO	240-17669-16		1/1	13-Nov-2012 3:55 PM	21-Nov-2012 3:09 PM	01-Dec-2012 9:15 PM	N
	6245	NA	70-4759-DU6-SB	SO	070SB-0035M-0001-SO	240-17669-17		1/1	13-Nov-2012 3:56 PM	21-Nov-2012 3:09 PM	01-Dec-2012 9:56 PM	N
	6245	NA	70-4759-DU6-SB1	SO	070SB-0036M-0001-SO	240-17669-18		1/1	13-Nov-2012 2:40 PM	21-Nov-2012 3:09 PM	01-Dec-2012 10:36 PM	N
	6245	NA	70-4759-DU6-SB2	SO	070SB-0037M-0001-SO	240-17669-19		1/1	13-Nov-2012 3:20 PM	21-Nov-2012 3:09 PM	01-Dec-2012 11:16 PM	N
	6245	NA	70-4759-DU6-SB3	SO	070SB-0038M-0001-SO	240-17669-20		1/1	13-Nov-2012 2:52 PM	21-Nov-2012 3:09 PM	01-Dec-2012 11:56 PM	N
	6245	NA	70-4759-DU6-SB4	SO	070SB-0039M-0001-SO	240-17669-21		1/1	13-Nov-2012 2:20 PM	21-Nov-2012 3:09 PM	02-Dec-2012 12:37 AM	N
	6245	NA	70-4759-DU6-SB5	SO	070SB-0040M-0001-SO	240-17669-22		1/1	13-Nov-2012 2:10 PM	21-Nov-2012 3:09 PM	02-Dec-2012 1:57 AM	N

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-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
SW8151 / METHOD/NONE	LCS Recovery	LCS 240-65739/19-A (BS) / LCS 240-65739/19-A	1 / 1.00	Dinoseb	0.0000 (PERCENT)	J/R	5 - 130	5 - 130	C			
SW8151 / METHOD/NONE	MS Recovery	070SB-0027M-0001-SO (SD) / 240-17669-9	1 / 1.00	2,4 DB	176 (PERCENT)	J/None	50 - 155	20 - 155	M			
SW8151 / METHOD/NONE	MS Recovery	070SB-0027M-0001-SO (MS) / 240-17669-9	1 / 1.00	2,4 DB	255 (PERCENT)	J/None	50 - 155	20 - 155	M			
SW8151 / METHOD/NONE	MS Recovery	070SB-0027M-0001-SO (SD) / 240-17669-9	1 / 1.00	Dichloroprop	74.1 (PERCENT)	J/UJ	75 - 140	20 - 140	M			
SW8260B / SW5030B/NONE	Blank	MB 240-65929/6 (LB) / MB 240-65929/6	1 / 1.00	Methylene Chloride	1.7 (UG/L)	U/None	< 0.33	< 1	L		5	8.30
SW8260B / SW5035/NONE	Blank	MB 240-66063/17 (LB) / MB 240-66063/17	1 / 1.00	2-Hexanone	0.83 (UG/KG)	U/None	< 0.63	< 20	L		5	4.17
SW8260B / SW5035/NONE	Blank	MB 240-66063/17 (LB) / MB 240-66063/17	1 / 1.00	Acetone	13.8 (UG/KG)	U/None	< 6.3	< 20	L		5	69.0
SW8260B / SW5035/NONE	Blank	MB 240-66063/17 (LB) / MB 240-66063/17	1 / 1.00	Methyl Ethyl Ketone (2- Butanone)	1.8 (UG/KG)	U/None	< 1.4	< 20	L		5	8.80
SW8260B / SW5035/NONE	Blank	MB 240-66063/17 (LB) / MB 240-66063/17	1 / 1.00	Styrene	0.15 (UG/KG)	U/None	< 0.15	< 5	L		5	0.750
SW8260B / SW5035/NONE	Blank	MB 240-66175/8 (LB) / MB 240-66175/8	1 / 1.00	2-Hexanone	0.65 (UG/KG)	U/None	< 0.63	< 20	L		5	3.27
SW8260B / SW5035/NONE	Blank	MB 240-66175/8 (LB) / MB 240-66175/8	1 / 1.00	Acetone	19.2 (UG/KG)	U/None	< 6.3	< 20	L		5	96.0
SW8260B / SW5035/NONE	Blank	MB 240-66175/8 (LB) / MB 240-66175/8	1 / 1.00	Carbon Disulfide	2.9 (UG/KG)	U/None	< 0.44	< 5	L		5	14.6
SW8260B / SW5035/NONE	Blank	MB 240-66175/8 (LB) / MB 240-66175/8	1 / 1.00	Methyl Ethyl Ketone (2- Butanone)	1.8 (UG/KG)	U/None	< 1.4	< 20	L		5	9.15
SW8270C / SW3550/NONE	Blank	MB 240-66145/20-A (LB) / MB 240-66145/20-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	20.0 (UG/KG)	U/None	< 19	< 50	L		5	100
SW8270C / SW3550/NONE	Blank	MB 240-66227/23-A (LB) / MB 240-66227/23-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	21.0 (UG/KG)	U/None	< 19	< 50	L		5	105

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Mercury	0.11	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Mercury	0.086	0.019	0.019 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Mercury	0.087	0.023	0.023 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Mercury	0.10	0.036	0.036 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Mercury	0.098	0.031	0.031 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Mercury	0.095	0.032	0.032 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	PCB-1260 (Arochlor 1260)	55.0	18.0	18.0 J		UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	Dichloroprop	80.0	80.0	80.0 UJ	-	UG/KG	M
SW8151/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	Dinoseb	12.0	12.0	12.0 R	-	UG/KG	C
SW8151/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	MCPA	8000	8000	8000 UJ		UG/KG	J
SW8151/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	Pentachlorophenol	10.0	10.0	10.0 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0028M-0001-SO	240-17669-10	N	Dinoseb	12.0	12.0	12.0 R	-	UG/KG	C
SW8151/NONE	SO	070SB-0028M-0001-SO	240-17669-10	N	MCPA	8000	8000	8000 UJ		UG/KG	J
SW8151/NONE	SO	070SB-0028M-0001-SO	240-17669-10	N	Pentachlorophenol	10.0	10.0	10.0 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Dinoseb	12.0	12.0	12.0 R	-	UG/KG	C
SW8151/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	MCPA	8000	8000	8000 UJ		UG/KG	J
SW8151/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Pentachlorophenol	10.0	10.0	10.0 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Dinoseb	12.0	12.0	12.0 R	-	UG/KG	C
SW8151/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	MCPA	7900	7900	7900 UJ		UG/KG	J
SW8151/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Pentachlorophenol	9.9	9.9	9.9 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Dinoseb	12.0	12.0	12.0 R	-	UG/KG	C
SW8151/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	MCPA	8000	8000	8000 UJ		UG/KG	J
SW8151/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Pentachlorophenol	10.0	10.0	10.0 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Dinoseb	12.0	12.0	12.0 R	-	UG/KG	C
SW8151/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	MCPA	7900	7900	7900 UJ		UG/KG	J
SW8151/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Pentachlorophenol	9.9	9.9	9.9 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0033M-0001-SO	240-17669-15	N	Dinoseb	12.0	12.0	12.0 R	-	UG/KG	C
SW8151/NONE	SO	070SB-0033M-0001-SO	240-17669-15	N	MCPA	8000	8000	8000 UJ		UG/KG	J

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

SW8151/NONE	SO	070SB-0033M-0001-SO	240-17669-15	N	Pentachlorophenol	10.0	10.0	10.0 UJ		UG/KG	V2
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Acetone	17.0	11.0	17.0 U		UG/KG	L/J
SW8260B/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Carbon Disulfide	4.4	2.7	2.7 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0040M-0001-SO	240-17669-22	N	Methylene Chloride	4.3	0.65	4.3 U		UG/KG	T/J
SW8260B/NONE	WG	070SB-0041M-0001-TB	240-17669-23	N	Methylene Chloride	1.0	0.55	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	070SB-0019M-0001-SO	240-17669-1	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Anthracene	33.0	19.0	19.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Acenaphthene	6.7	4.6	4.6 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Anthracene	6.7	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Benzo(a)anthracene	6.7	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Benzo(a)pyrene	6.7	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Benzo(b)fluoranthene	6.7	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Benzo(g,h,i)perylene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Benzo(k)fluoranthene	6.7	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	bis(2-Ethylhexyl) Phthalate	50.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Chrysene	6.7	5.7	5.7 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Dibenzofuran	50.0	5.3	5.3 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Fluoranthene	6.7	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Fluorene	6.7	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Indeno(1,2,3-c,d)Pyrene	6.7	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Pyrene	6.7	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Benzo(a)anthracene	33.0	30.0	30.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Phenanthrene	33.0	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	2-Methylnaphthalene	6.6	4.3	4.3 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	bis(2-Ethylhexyl) Phthalate	50.0	40.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Naphthalene	6.6	4.7	4.7 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

SW8270C/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	2,4-Dinitrophenol	330	330	330 UJ	UG/KG	J
SW8270C/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	2-Methylnaphthalene	6.7	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	3,3'-Dichlorobenzidine	100	100	100 UJ	UG/KG	V1
SW8270C/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	bis(2-Ethylhexyl) Phthalate	50.0	19.0	19.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Naphthalene	6.7	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Phenanthrene	6.7	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	2,4-Dinitrophenol	330	330	330 UJ	UG/KG	J
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	3,3'-Dichlorobenzidine	100	100	100 UJ	UG/KG	V1
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Benzo(g,h,i)perylene	6.7	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Indeno(1,2,3-c,d)Pyrene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Naphthalene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Phenanthrene	6.7	5.7	5.7 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	2,4-Dinitrophenol	330	330	330 UJ	UG/KG	J
SW8270C/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	2-Methylnaphthalene	6.7	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	3,3'-Dichlorobenzidine	100	100	100 UJ	UG/KG	V1
SW8270C/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Naphthalene	6.7	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	2,4-Dinitrophenol	370	370	370 UJ	UG/KG	J
SW8270C/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	3,3'-Dichlorobenzidine	110	110	110 UJ	UG/KG	V1
SW8270C/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	bis(2-Ethylhexyl) Phthalate	57.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	1,2-Dichlorobenzene	50.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	2,4-Dinitrophenol	330	330	330 UJ	UG/KG	J
SW8270C/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	3,3'-Dichlorobenzidine	100	100	100 UJ	UG/KG	V1
SW8270C/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	Pyrene	6.7	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0028M-0001-SO	240-17669-10	N	3,3'-Dichlorobenzidine	500	500	500 UJ	UG/KG	V1
SW8270C/NONE	SO	070SB-0028M-0001-SO	240-17669-10	N	Naphthalene	33.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	2-Methylnaphthalene	33.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	3,3'-Dichlorobenzidine	500	500	500 UJ	UG/KG	V1
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Benzo(a)anthracene	33.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Benzo(g,h,i)perylene	33.0	30.0	30.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Naphthalene	33.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	2,4,5-Trichlorophenol	150	130	130 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	2,4-Dinitrophenol	330	330	330 UJ	UG/KG	J

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Benzo(a)anthracene	6.7	3.6	3.6 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	2,4-Dinitrophenol	330	330	330 UJ		UG/KG	J
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	2-Methylnaphthalene	6.7	5.4	5.4 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Benzo(b)fluoranthene	6.7	5.1	5.1 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Chrysene	6.7	5.3	5.3 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Fluoranthene	6.7	4.4	4.4 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Naphthalene	6.7	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Phenanthrene	6.7	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Acenaphthylene	33.0	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Anthracene	33.0	19.0	19.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0033M-0001-SO	240-17669-15	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	1,2-Dichlorobenzene	250	51.0	51.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	3,3'-Dichlorobenzidine	490	490	490 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	Dibenzofuran	250	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	Isophorone	250	67.0	67.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0035M-0001-SO	240-17669-17	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0035M-0001-SO	240-17669-17	N	bis(2-Ethylhexyl) Phthalate	250	94.0	250 U	+	UG/KG	L
SW8270C/NONE	SO	070SB-0036M-0001-SO	240-17669-18	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0036M-0001-SO	240-17669-18	N	bis(2-Ethylhexyl) Phthalate	250	97.0	250 U	+	UG/KG	L
SW8270C/NONE	SO	070SB-0037M-0001-SO	240-17669-19	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0037M-0001-SO	240-17669-19	N	Fluoranthene	33.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0037M-0001-SO	240-17669-19	N	Pyrene	33.0	17.0	17.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0038M-0001-SO	240-17669-20	N	3,3'-Dichlorobenzidine	510	510	510 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	1,2-Dichlorobenzene	250	200	200 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Anthracene	33.0	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Dibenzofuran	250	51.0	51.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0040M-0001-SO	240-17669-22	N	3,3'-Dichlorobenzidine	490	490	490 UJ		UG/KG	V1

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
------------	--------	----------------	--------------	------	---------	----	------------	------------------	------	-------	--------

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

SW8330B/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Tetryl	0.25	0.021	0.021 J	MG/KG	TR
--------------	----	---------------------	--------------	---	--------	------	-------	---------	-------	----

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	C10-C20 Diesel Range Organics	17.0	35.0	35.0	MG/KG	
M8015D/NONE	SO	070SB-0040M-0001-SO	240-17669-22	N	C10-C20 Diesel Range Organics	17.0	71.0	71.0	MG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Mercury	0.11	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Mercury	0.086	0.019	0.019 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Mercury	0.087	0.023	0.023 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Mercury	0.10	0.036	0.036 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Mercury	0.098	0.031	0.031 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Mercury	0.095	0.032	0.032 J	MG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8082/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	PCB-1260 (Arochlor 1260)	55.0	18.0	18.0 J	UG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8151/NONE	SO	070SB-0028M-0001-SO	240-17669-10	N	2,4,5-T (Trichlorophenoxyacetic Acid)	20.0	48.0	48.0	UG/KG	
SW8151/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	2,4,5-T (Trichlorophenoxyacetic Acid)	20.0	77.0	77.0	UG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Carbon Disulfide	4.4	2.7	2.7 J	UG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Anthracene	33.0	19.0	19.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Benzo(a)anthracene	33.0	88.0	88.0	UG/KG	
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Benzo(a)pyrene	33.0	88.0	88.0	UG/KG	
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Benzo(b)fluoranthene	33.0	130	130	UG/KG	
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Benzo(g,h,i)perylene	33.0	54.0	54.0	UG/KG	
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Benzo(k)fluoranthene	33.0	61.0	61.0	UG/KG	
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Chrysene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Fluoranthene	33.0	220	220	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Indeno(1,2,3-c,d)Pyrene	33.0	52.0	52.0	UG/KG	
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Phenanthrene	33.0	100	100	UG/KG	
SW8270C/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Pyrene	33.0	160	160	UG/KG	
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Acenaphthene	6.7	4.6	4.6 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Anthracene	6.7	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	bis(2-Ethylhexyl) Phthalate	50.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Benzo(a)anthracene	6.7	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Benzo(a)pyrene	6.7	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Benzo(b)fluoranthene	6.7	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Benzo(g,h,i)perylene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Benzo(k)fluoranthene	6.7	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Chrysene	6.7	5.7	5.7 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Dibenzofuran	50.0	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Fluorene	6.7	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Fluoranthene	6.7	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Indeno(1,2,3-c,d)Pyrene	6.7	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Phenanthrene	6.7	6.8	6.8	UG/KG	
SW8270C/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Pyrene	6.7	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Benzo(a)anthracene	33.0	30.0	30.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Fluoranthene	33.0	42.0	42.0	UG/KG	
SW8270C/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Phenanthrene	33.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Pyrene	33.0	33.0	33.0	UG/KG	
SW8270C/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	2-Methylnaphthalene	6.6	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Naphthalene	6.6	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	bis(2-Ethylhexyl) Phthalate	50.0	19.0	19.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	2-Methylnaphthalene	6.7	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Naphthalene	6.7	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Phenanthrene	6.7	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Benzo(a)anthracene	6.7	8.2	8.2	UG/KG	
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Benzo(a)pyrene	6.7	6.8	6.8	UG/KG	
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Benzo(b)fluoranthene	6.7	13.0	13.0	UG/KG	
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Benzo(g,h,i)perylene	6.7	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Benzo(k)fluoranthene	6.7	7.8	7.8	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Chrysene	6.7	21.0	21.0	UG/KG	
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Fluoranthene	6.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Indeno(1,2,3-c,d)Pyrene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Naphthalene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Phenanthrene	6.7	5.7	5.7 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Pyrene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	2-Methylnaphthalene	6.7	4.3	4.3 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Naphthalene	6.7	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	bis(2-Ethylhexyl) Phthalate	57.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	1,2-Dichlorobenzene	50.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	Fluoranthene	6.7	8.0	8.0	UG/KG	
SW8270C/NONE	SO	070SB-0027M-0001-SO	240-17669-9	N	Pyrene	6.7	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0028M-0001-SO	240-17669-10	N	2-Methylnaphthalene	33.0	36.0	36.0	UG/KG	
SW8270C/NONE	SO	070SB-0028M-0001-SO	240-17669-10	N	Naphthalene	33.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0028M-0001-SO	240-17669-10	N	Phenanthrene	33.0	60.0	60.0	UG/KG	
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Benzo(a)anthracene	33.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Benzo(a)pyrene	33.0	33.0	33.0	UG/KG	
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Benzo(b)fluoranthene	33.0	51.0	51.0	UG/KG	
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Benzo(g,h,i)perylene	33.0	30.0	30.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Chrysene	33.0	39.0	39.0	UG/KG	
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Fluoranthene	33.0	64.0	64.0	UG/KG	
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	2-Methylnaphthalene	33.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Naphthalene	33.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Phenanthrene	33.0	35.0	35.0	UG/KG	
SW8270C/NONE	SO	070SB-0029M-0001-SO	240-17669-11	N	Pyrene	33.0	50.0	50.0	UG/KG	
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Benzo(a)anthracene	6.7	3.6	3.6 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Benzo(b)fluoranthene	6.7	8.0	8.0	UG/KG	
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Chrysene	6.7	8.1	8.1	UG/KG	
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Fluorene	6.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Fluoranthene	6.7	7.2	7.2	UG/KG	
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	2-Methylnaphthalene	6.7	63.0	63.0	UG/KG	
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Naphthalene	6.7	19.0	19.0	UG/KG	
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Phenanthrene	6.7	63.0	63.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	Pyrene	6.7	7.0	7.0	UG/KG	
SW8270C/NONE	SO	070SB-0030M-0001-SO	240-17669-12	N	2,4,5-Trichlorophenol	150	130	130 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Benzo(b)fluoranthene	6.7	5.1	5.1 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Chrysene	6.7	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Fluoranthene	6.7	4.4	4.4 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	2-Methylnaphthalene	6.7	5.4	5.4 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Naphthalene	6.7	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0031M-0001-SO	240-17669-13	N	Phenanthrene	6.7	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Acenaphthylene	33.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Anthracene	33.0	19.0	19.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Benzo(a)anthracene	33.0	52.0	52.0	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Benzo(a)pyrene	33.0	58.0	58.0	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Benzo(b)fluoranthene	33.0	100	100	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Benzo(g,h,i)perylene	33.0	50.0	50.0	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Benzo(k)fluoranthene	33.0	39.0	39.0	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Chrysene	33.0	95.0	95.0	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Fluoranthene	33.0	120	120	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Indeno(1,2,3-c,d)Pyrene	33.0	42.0	42.0	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	2-Methylnaphthalene	33.0	56.0	56.0	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Naphthalene	33.0	49.0	49.0	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Phenanthrene	33.0	55.0	55.0	UG/KG	
SW8270C/NONE	SO	070SB-0032M-0001-SO	240-17669-14	N	Pyrene	33.0	87.0	87.0	UG/KG	
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	Benzo(a)pyrene	33.0	58.0	58.0	UG/KG	
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	Benzo(b)fluoranthene	33.0	39.0	39.0	UG/KG	
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	Benzo(g,h,i)perylene	33.0	40.0	40.0	UG/KG	
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	Dibenzofuran	250	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	1,2-Dichlorobenzene	250	51.0	51.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	Fluoranthene	33.0	39.0	39.0	UG/KG	
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	Isophorone	250	67.0	67.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	2-Methylnaphthalene	33.0	89.0	89.0	UG/KG	
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	Naphthalene	33.0	65.0	65.0	UG/KG	
SW8270C/NONE	SO	070SB-0034M-0001-SO	240-17669-16	N	Pyrene	33.0	45.0	45.0	UG/KG	
SW8270C/NONE	SO	070SB-0037M-0001-SO	240-17669-19	N	Fluoranthene	33.0	18.0	18.0 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

SW8270C/NONE	SO	070SB-0037M-0001-SO	240-17669-19	N	Pyrene	33.0	17.0	17.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Anthracene	33.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Benzo(a)anthracene	33.0	44.0	44.0	UG/KG	
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Benzo(a)pyrene	33.0	70.0	70.0	UG/KG	
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Benzo(b)fluoranthene	33.0	70.0	70.0	UG/KG	
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Benzo(g,h,i)perylene	33.0	58.0	58.0	UG/KG	
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Chrysene	33.0	55.0	55.0	UG/KG	
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Dibenzofuran	250	51.0	51.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	1,2-Dichlorobenzene	250	200	200 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Fluoranthene	33.0	68.0	68.0	UG/KG	
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	2-Methylnaphthalene	33.0	190	190	UG/KG	
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Naphthalene	33.0	130	130	UG/KG	
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Phenanthrene	33.0	120	120	UG/KG	
SW8270C/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Pyrene	33.0	110	110	UG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8330B/NONE	SO	070SB-0039M-0001-SO	240-17669-21	N	Tetryl	0.25	0.021	0.021 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8151/NONE	SO	070SB-0027M-0001-SO	N	Dinoseb	12.0	12.0	R	UG/KG	C
SW8151/NONE	SO	070SB-0028M-0001-SO	N	Dinoseb	12.0	12.0	R	UG/KG	C
SW8151/NONE	SO	070SB-0029M-0001-SO	N	Dinoseb	12.0	12.0	R	UG/KG	C
SW8151/NONE	SO	070SB-0030M-0001-SO	N	Dinoseb	12.0	12.0	R	UG/KG	C
SW8151/NONE	SO	070SB-0031M-0001-SO	N	Dinoseb	12.0	12.0	R	UG/KG	C
SW8151/NONE	SO	070SB-0032M-0001-SO	N	Dinoseb	12.0	12.0	R	UG/KG	C
SW8151/NONE	SO	070SB-0033M-0001-SO	N	Dinoseb	12.0	12.0	R	UG/KG	C

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Anomalies Count

SDG Name: 240-17669-1_(70-SB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
M8015D/SW3540C/NONE	2	2
SW7471A/TOTAL/NONE	2	2
SW8082/SW3540C/NONE	15	105
SW8260B/SW5035/NONE	2	2
SW8270C/SW3550/NONE	22	311

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

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Worksheet

SDG Name: 240-17669-1_(70-SB)

Method: M8015D				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		Two Cooler temps < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?			•	Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
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%) ?			•	No field duplicate requested in sample set
Is the MS/MSD parent sample the one designated by the sampling team?		N		No MS/MSD designated on COC
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			Sample 12 analyzed for MS/MSD
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Were sample preparation sheets present and filled out appropriately? Y

Were instrument run logs present and filled out appropriately? Y

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		Two Cooler temps < 2 degrees C; no ice/breakage, no impact
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?		N		
Was a field blank collected and analyzed?			•	Not Required
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?			•	No field duplicate requested in sample set
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?			•	Not Required
Is the MS/MSD parent sample the one designated by the sampling team?		N		No MS/MSD designated on COC
Were the MS/MSD within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			

Method: SW8082

Review Questions	Yes	No	NA	Comment
------------------	-----	----	----	---------

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Did Chain-of-Custody information agree with laboratory report?	Y		
Were samples preserved properly and received in good condition?	Y		
Were sample receipt temperatures met?		N	Two Cooler temps < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y		
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y		
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y		
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y		
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y		
Was the CCV a mid-level standard from the initial calibration curve?	Y		
Was the CCV %D within criteria (%D =20%)?	Y		
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the method blank above the MDL?		N	
Was a field blank (equipment or trip) collected and analyzed?			• Not Required
Were target analytes reported in the field blank analyses above the MDL?			•
Were surrogate recoveries within QAPP acceptance limits?		N	Sample 21 surr < QC criteria in conf. column only; ok
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y		Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y		
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%) ?			• No field duplicate requested in sample set
Were the Breakdown products within QAPP acceptance limits?			• Not Required
Is the MS/MSD parent sample the one designated by the sampling team?		N	No MS/MSD designated on COC
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•
Were all QAPP-specified target analytes reported?	Y		
Were reported sample concentrations within calibration range?	Y		
Were RPDs between primary and confirmation columns < 40%?			• Not Required; All results ND
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Were sample preparation sheets present and filled out appropriately?	Y		
Were instrument run logs present and filled out appropriately?	Y		

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Method: SW8151

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		Two Cooler temps < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?		N		Opening CCV had Pentachlorophenol %D >20%; qualified all samples UJ
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?			•	Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?				
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)		N		Dinoseb %R=0%; All sample dinoseb results rejected
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?			•	No field duplicate requested in sample set
Were the Breakdown products within QAPP acceptance limits?			•	Not Required
Is the MS/MSD parent sample the one designated by the sampling team?		N		No MS/MSD designated on COC
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N		Sample 9 analyzed for MS/MSD. Dichlorprop MSD %R below QC criteria. Sample 9 Dichlorprop result qualified
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Were RPDs between primary and confirmation columns < 40%?	Y			Applies only to results > CRQL
Are all samples associated with QC non-compliances flagged appropriately?	Y			All samples MCPA results qualified due to MRL recoveries below QC criteria
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y
Were sample preparation sheets present and filled out appropriately?	Y
Were instrument run logs present and filled out appropriately?	Y

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		Two Cooler temps < 2 degrees C; no ice/breakage, no impact
Were QAPP specified PQLs achieved?	Y			
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Did the CCCs have a %Difference within QAPP acceptance limits?	Y			
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y			
Were the retention times for all IS compounds within QAPP acceptance limits?	Y			
Are the area counts of all IS compounds within QAPP acceptance limits?	Y			
Was a method blank prepared and analyzed with each batch?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Were target analytes detected in the method blank above the MDL?	Y	Acetone, 2-hexanone, 2-butanone, carbon disulfide, and styrene detected in MBs < CRQL. Acetone impacted in sample 12 (changed to ND).
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Y	Trip Blank analyzed
Were target analytes reported in the field blank analyses above the MDL?	Y	Methylene chloride detected in trip blank; methylene chloride impacted in sample 22 (changed to ND).
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?		• No field duplicate requested in sample set
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	Single LCS only
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		•
Was the duplicate RPD within QAPP acceptance limits?		• Lab duplicate not required
Are all samples associated with QC non-compliances flagged appropriately?	Y	Acetone result in sample 12 and methylene chloride result in sample 22 qualified due to MRL recoveries above QC criteria
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Was a MS/MSD pair prepared with each batch?		N Not Required
Is the MS/MSD parent sample the one designated by the sampling team?		• No MS/MSD designated on COC
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		•
Were surrogate recoveries within QAPP acceptance limits?	Y	
Were reported sample concentrations within calibration range?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were instrument run logs present and filled out appropriately?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		Two Cooler temps < 2 degrees C; no ice/breakage, no impact
Were QAPP specified PQLs achieved?	Y			Samples 15-22 diluted X5 due to nature of sample matrix
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y		
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y		
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y		
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y		
If a linear regression curve was used, was the correlation coefficient within criteria?	Y		
Was a second source verification analyzed after the ICAL and all analytes within criteria?		N	3,3'-DCB %D>20% in all batches; Samples qualified
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y		
Was the CCV a mid-level standard from the initial calibration curve?	Y		
Did the CCCs have a %Difference within QAPP acceptance limits?	Y		
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y		
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y		
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y		
Were the retention times for all IS compounds within QAPP acceptance limits?	Y		
Are the area counts of all IS compounds within QAPP acceptance limits?	Y		
Was a method blank prepared and analyzed with each batch?	Y		
Were target analytes detected in the method blank above the MDL?	Y		BEHP detected in MB; BEHP impacted in samples 4, 17 and 18 (changed to ND).
Was a field blank (equipment or trip) collected and analyzed at the required frequency?		N	Not Required
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?			• No field duplicate requested in sample set
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y		Single LCS only
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y		
Were the LCS/LCSD RPDs within QAPP acceptance limits?			•
Was the duplicate RPD within QAPP acceptance limits?			• No Lab duplicate
Are all samples associated with QC non-compliances flagged appropriately?	Y		2,4-Dinitrophenol results in sample 2, 5, 6, 7, 8, 9, 12, and 13 qualified due to closing MRL recovery below QC criteria
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Was a MS/MSD pair prepared with each batch?		N	Not Required
Is the MS/MSD parent sample the one designated by the sampling team?		N	No MS/MSD designated on COC
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Were surrogate recoveries within QAPP acceptance limits?	Y
Were reported sample concentrations within calibration range?	Y
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y
Were instrument run logs present and filled out appropriately?	Y
Were sample preparation sheets present and filled out appropriately?	Y

Method: SW8330B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		Two Cooler temps < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			CCVL had results >20%; lab performed required corrective action
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
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%) ?			•	No field duplicate requested in sample set
Is the MS/MSD parent sample the one designated by the sampling team?		N		No MS/MSD designated on COC
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			•	
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-17669-1_(70-SB)

Were RPDs between primary and confirmation columns < 40%?		•	All results ND or < CRQL
Did PDA spectra for reported compounds match associated standard spectra?		•	Not required
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Were sample preparation sheets present and filled out appropriately?	Y		
Were instrument run logs present and filled out appropriately?	Y		

WORKSHEET 4

Automated Data Review Summary for 240-17669-2

This page intentionally left blank.

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

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 Corp., Otis Ang Base, MA

Data Review Contractor:

SDG: 240-17669-2, Certified - 1/3/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer:

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG 240-17669-2

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
SW6020/NONE	8	0

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

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 Corp., Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-17669-2. 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
- LCS 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
- Initial Calibration Verification
- Lab Replicate RPD
- LCS RPD
- Material Blank
- MS Recovery
- MS RPD

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

Surrogate

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

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 0 results (0.00%) out of the 176 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	

Reviewed by ,

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

Reason and Comment Code Definitions

Reasons

Code	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
		LCS Recovery
d		Field Duplicate RPD
		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.
		Holding time exceeded by more than 2X.
H1		Test Hold Time

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

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
	MS Recovery
N	Blank - No Action
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.
	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.
	Cooler temperature greater than 4 degrees C, but less than 10 degreeec C.
Y1	False Positive
Y2	Data rejected due to radiological anomolies

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

Z	LCS RPD
---	---------

Z2	Analyte not confirmed on second column
----	--

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 240-17669-2

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	59053	NA	LABQC	SQ	LABQC	MB 180-59053/1-A		1/1	21-Nov-2012 11:35 AM	21-Nov-2012 11:35 AM	22-Dec-2012 7:08 PM	LB
	59053	NA	LABQC	SQ	LABQC	LCS 180-59053/2-A		1/1	21-Nov-2012 11:35 AM	21-Nov-2012 11:35 AM	22-Dec-2012 7:12 PM	BS
	59053	NA	70-4740-DU3-SB	SO	070SB-0019M-0001-SO	240-17669-1		1/1	13-Nov-2012 12:30 PM	21-Nov-2012 11:35 AM	22-Dec-2012 8:55 PM	N
	59053	NA	70-4740-DU3-SB	SO	070SB-0020M-0001-SO	240-17669-2		1/1	13-Nov-2012 12:31 PM	21-Nov-2012 11:35 AM	22-Dec-2012 8:59 PM	N
	59053	NA	70-4740-DU3-SB1	SO	070SB-0021M-0001-SO	240-17669-3		1/1	13-Nov-2012 9:25 AM	21-Nov-2012 11:35 AM	22-Dec-2012 9:03 PM	N
	59053	NA	70-4740-DU3-SB2	SO	070SB-0022M-0001-SO	240-17669-4		1/1	13-Nov-2012 9:48 AM	21-Nov-2012 11:35 AM	22-Dec-2012 9:07 PM	N
	59053	NA	70-4740-DU3-SB3	SO	070SB-0023M-0001-SO	240-17669-5		1/1	13-Nov-2012 11:05 AM	21-Nov-2012 11:35 AM	22-Dec-2012 9:12 PM	N
	59053	NA	70-4740-DU3-SB4	SO	070SB-0024M-0001-SO	240-17669-6		1/1	13-Nov-2012 11:30 AM	21-Nov-2012 11:35 AM	22-Dec-2012 9:16 PM	N
	59053	NA	70-4740-DU3-SB5	SO	070SB-0025M-0001-SO	240-17669-7		1/1	13-Nov-2012 12:10 PM	21-Nov-2012 11:35 AM	22-Dec-2012 9:20 PM	N
59218	59037	NA	LABQC	SQ	LABQC	MB 180-59037/1-A		1/1	26-Nov-2012 12:31 PM	26-Nov-2012 12:31 PM	21-Dec-2012 3:34 PM	LB
	59037	NA	LABQC	SQ	LABQC	LCS 180-59037/2-A		1/1	26-Nov-2012 12:31 PM	26-Nov-2012 12:31 PM	21-Dec-2012 3:38 PM	BS
	59037	NA	70-4740-DU3-SB1	SO	070SB-0026M-0001-SO	240-17669-8		1/1	13-Nov-2012 10:00 AM	26-Nov-2012 12:31 PM	21-Dec-2012 4:19 PM	N

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

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 180-59037/1-A (LB) / MB 180-59037/1-A	1 / 1.00	Aluminum	1.3 (MG/KG)	U/None	< 0.28	< 3	L		5	6.70
SW6020 / SW3050B/NONE	Blank	MB 180-59037/1-A (LB) / MB 180-59037/1-A	1 / 1.00	Barium	0.016 (MG/KG)	U/None	< 0.011	< 1	L		5	0.0805
SW6020 / SW3050B/NONE	Blank	MB 180-59037/1-A (LB) / MB 180-59037/1-A	1 / 1.00	Iron	2.3 (MG/KG)	U/None	< 1.1	< 5	L		5	11.5
SW6020 / SW3050B/NONE	Blank	MB 180-59037/1-A (LB) / MB 180-59037/1-A	1 / 1.00	Manganese	0.034 (MG/KG)	U/None	< 0.016	< 0.5	L		5	0.168
SW6020 / SW3050B/NONE	Blank	MB 180-59053/1-A (LB) / MB 180-59053/1-A	1 / 1.00	Aluminum	0.68 (MG/KG)	U/None	< 0.28	< 3	L		5	3.38
SW6020 / SW3050B/NONE	Blank	MB 180-59053/1-A (LB) / MB 180-59053/1-A	1 / 1.00	Barium	0.013 (MG/KG)	U/None	< 0.011	< 1	L		5	0.0655
SW6020 / SW3050B/NONE	Blank	MB 180-59053/1-A (LB) / MB 180-59053/1-A	1 / 1.00	Calcium	2.2 (MG/KG)	U/None	< 1.3	< 10	L		5	11.1
SW6020 / SW3050B/NONE	Blank	MB 180-59053/1-A (LB) / MB 180-59053/1-A	1 / 1.00	Iron	2.4 (MG/KG)	U/None	< 1.1	< 5	L		5	11.8
SW6020 / SW3050B/NONE	Blank	MB 180-59053/1-A (LB) / MB 180-59053/1-A	1 / 1.00	Manganese	0.030 (MG/KG)	U/None	< 0.016	< 0.5	L		5	0.152

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Antimony	0.19	0.091	0.091 J		MG/KG	TR
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Silver	0.095	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Antimony	0.17	0.070	0.070 J		MG/KG	TR
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Selenium	0.42	0.41	0.41 J		MG/KG	TR
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Silver	0.085	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Antimony	0.15	0.074	0.074 J		MG/KG	TR
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Silver	0.075	0.038	0.038 J		MG/KG	TR
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Antimony	0.14	0.099	0.099 J		MG/KG	TR
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Silver	0.071	0.021	0.021 J		MG/KG	TR
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Antimony	0.18	0.070	0.070 J		MG/KG	TR
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Selenium	0.45	0.42	0.42 J		MG/KG	TR
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Silver	0.090	0.029	0.029 J		MG/KG	TR
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Antimony	0.19	0.075	0.075 J		MG/KG	TR
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Silver	0.096	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Antimony	0.18	0.062	0.062 J		MG/KG	TR
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Silver	0.091	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Beryllium	0.086	0.056	0.056 J		MG/KG	TR
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Cadmium	0.086	0.024	0.024 J		MG/KG	TR
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Selenium	0.43	0.066	0.066 J		MG/KG	TR
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Thallium	0.086	0.018	0.018 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Silver	0.095	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Aluminum	2.9	10000	10000	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Arsenic	0.095	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Barium	0.95	64.0	64.0	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Beryllium	0.095	0.56	0.56	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Calcium	9.5	2700	2700	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Cadmium	0.095	0.19	0.19	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Cobalt	0.048	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Chromium	0.19	20.0	20.0	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Copper	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Iron	4.8	24000	24000	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Potassium	9.5	1000	1000	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Magnesium	9.5	2800	2800	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Manganese	0.48	410	410	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Sodium	9.5	58.0	58.0	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Nickel	0.095	23.0	23.0	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Lead	0.095	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Antimony	0.19	0.091	0.091 J	MG/KG	TR
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Selenium	0.48	0.56	0.56	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Thallium	0.095	0.16	0.16	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Vanadium	0.095	18.0	18.0	MG/KG	
SW6020/NONE	SO	070SB-0019M-0001-SO	240-17669-1	N	Zinc	0.48	54.0	54.0	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Silver	0.085	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Aluminum	2.5	10000	10000	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Arsenic	0.085	10.0	10.0	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Barium	0.85	65.0	65.0	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Beryllium	0.085	0.58	0.58	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Calcium	8.5	8300	8300	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Cadmium	0.085	0.18	0.18	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Cobalt	0.042	10.0	10.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Chromium	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Copper	0.17	17.0	17.0	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Iron	4.2	23000	23000	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Potassium	8.5	1500	1500	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Magnesium	8.5	3900	3900	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Manganese	0.42	280	280	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Sodium	8.5	69.0	69.0	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Nickel	0.085	25.0	25.0	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Lead	0.085	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Antimony	0.17	0.070	0.070 J	MG/KG	TR
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Selenium	0.42	0.41	0.41 J	MG/KG	TR
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Thallium	0.085	0.14	0.14	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Vanadium	0.085	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0020M-0001-SO	240-17669-2	N	Zinc	0.42	53.0	53.0	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Silver	0.075	0.038	0.038 J	MG/KG	TR
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Aluminum	2.2	12000	12000	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Arsenic	0.075	9.1	9.1	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Barium	0.75	68.0	68.0	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Beryllium	0.075	0.60	0.60	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Calcium	7.5	4000	4000	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Cadmium	0.075	0.16	0.16	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Cobalt	0.037	7.9	7.9	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Chromium	0.15	18.0	18.0	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Copper	0.15	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Iron	3.7	22000	22000	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Potassium	7.5	1200	1200	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Magnesium	7.5	3000	3000	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Manganese	0.37	260	260	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Sodium	7.5	56.0	56.0	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Nickel	0.075	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Lead	0.075	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Antimony	0.15	0.074	0.074 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Selenium	0.37	0.49	0.49	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Thallium	0.075	0.16	0.16	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Vanadium	0.075	22.0	22.0	MG/KG	
SW6020/NONE	SO	070SB-0021M-0001-SO	240-17669-3	N	Zinc	0.37	45.0	45.0	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Silver	0.071	0.021	0.021 J	MG/KG	TR
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Aluminum	2.1	8200	8200	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Arsenic	0.071	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Barium	0.71	49.0	49.0	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Beryllium	0.071	0.50	0.50	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Calcium	7.1	1700	1700	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Cadmium	0.071	0.17	0.17	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Cobalt	0.035	8.8	8.8	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Chromium	0.14	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Copper	0.14	17.0	17.0	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Iron	3.5	27000	27000	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Potassium	7.1	740	740	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Magnesium	7.1	2000	2000	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Manganese	0.35	420	420	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Sodium	7.1	45.0	45.0	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Nickel	0.071	18.0	18.0	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Lead	0.071	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Antimony	0.14	0.099	0.099 J	MG/KG	TR
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Selenium	0.35	0.46	0.46	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Thallium	0.071	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Vanadium	0.071	15.0	15.0	MG/KG	
SW6020/NONE	SO	070SB-0022M-0001-SO	240-17669-4	N	Zinc	0.35	63.0	63.0	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Silver	0.090	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Aluminum	2.7	8800	8800	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Arsenic	0.090	9.3	9.3	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Barium	0.90	60.0	60.0	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Beryllium	0.090	0.48	0.48	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Calcium	9.0	1100	1100	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Cadmium	0.090	0.18	0.18	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Cobalt	0.045	8.9	8.9	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Chromium	0.18	15.0	15.0	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Iron	4.5	21000	21000	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Potassium	9.0	800	800	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Magnesium	9.0	2200	2200	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Manganese	0.45	300	300	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Sodium	9.0	40.0	40.0	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Nickel	0.090	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Lead	0.090	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Antimony	0.18	0.070	0.070 J	MG/KG	TR
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Selenium	0.45	0.42	0.42 J	MG/KG	TR
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Thallium	0.090	0.14	0.14	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Vanadium	0.090	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0023M-0001-SO	240-17669-5	N	Zinc	0.45	48.0	48.0	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Silver	0.096	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Aluminum	2.9	13000	13000	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Arsenic	0.096	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Barium	0.96	73.0	73.0	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Beryllium	0.096	0.70	0.70	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Calcium	9.6	8300	8300	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Cadmium	0.096	0.21	0.21	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Cobalt	0.048	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Chromium	0.19	20.0	20.0	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Copper	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Iron	4.8	26000	26000	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Potassium	9.6	1800	1800	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Magnesium	9.6	4400	4400	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Manganese	0.48	300	300	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Sodium	9.6	84.0	84.0	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Nickel	0.096	28.0	28.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Lead	0.096	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Antimony	0.19	0.075	0.075 J	MG/KG	TR
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Selenium	0.48	0.50	0.50	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Thallium	0.096	0.18	0.18	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Vanadium	0.096	20.0	20.0	MG/KG	
SW6020/NONE	SO	070SB-0024M-0001-SO	240-17669-6	N	Zinc	0.48	55.0	55.0	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Silver	0.091	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Aluminum	2.7	13000	13000	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Arsenic	0.091	9.3	9.3	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Barium	0.91	67.0	67.0	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Beryllium	0.091	0.71	0.71	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Calcium	9.1	11000	11000	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Cadmium	0.091	0.21	0.21	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Cobalt	0.045	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Chromium	0.18	20.0	20.0	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Copper	0.18	18.0	18.0	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Iron	4.5	26000	26000	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Potassium	9.1	2100	2100	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Magnesium	9.1	5000	5000	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Manganese	0.45	320	320	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Sodium	9.1	84.0	84.0	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Nickel	0.091	30.0	30.0	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Lead	0.091	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Antimony	0.18	0.062	0.062 J	MG/KG	TR
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Selenium	0.45	0.47	0.47	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Thallium	0.091	0.18	0.18	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Vanadium	0.091	20.0	20.0	MG/KG	
SW6020/NONE	SO	070SB-0025M-0001-SO	240-17669-7	N	Zinc	0.45	57.0	57.0	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Aluminum	2.6	990	990	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Arsenic	0.086	0.39	0.39	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Barium	0.86	6.3	6.3	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Beryllium	0.086	0.056	0.056 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Calcium	8.6	160	160	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Cadmium	0.086	0.024	0.024 J	MG/KG	TR
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Cobalt	0.043	0.36	0.36	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Chromium	0.17	2.9	2.9	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Copper	0.17	1.6	1.6	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Iron	4.3	960	960	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Potassium	8.6	210	210	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Magnesium	8.6	110	110	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Manganese	0.43	9.0	9.0	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Sodium	8.6	9.6	9.6	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Nickel	0.086	1.2	1.2	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Lead	0.086	3.9	3.9	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Selenium	0.43	0.066	0.066 J	MG/KG	TR
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Thallium	0.086	0.018	0.018 J	MG/KG	TR
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Vanadium	0.086	1.6	1.6	MG/KG	
SW6020/NONE	SO	070SB-0026M-0001-SO	240-17669-8	N	Zinc	0.43	3.2	3.2	MG/KG	

Rejected Results

--No Records Found--

Anomalies Count

--No Records Found--

Worksheet

SDG Name: 240-17669-2

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		Two Cooler temps < 2 degrees C; no ice/breakage, no impact
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y			Mn detected in CCBs, Al, Ba, Ca, Fe, Mn detected in batch MBs; Blank results too low to impact data.
Was a field blank collected and analyzed?		N		Not Required
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?	Y			
Was the ICS recovery within QAPP acceptance limits?		N		ICA results for numerous metals noted as > LOD; all results < CRQLs; no impact on data..

AUTOMATED DATA REVIEW SUMMARY for 240-17669-2

If a field duplicate was analyzed, were the RPDs within criteria?		•	No field duplicate requested in sample set
Was a LCS prepared and analyzed with each batch?	Y		
Were the LCS recoveries within QAPP acceptance limits?	Y		
Was a MS/MSD pair prepared with each batch?		N	No MS/MSD designated on COC
Is the MS/MSD parent sample the one designated by the sampling team?		N	No MS/MSD designated on COC
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?		•	
Were sample concentrations within calibration range?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Are all samples associated with QC non-compliances flagged appropriately?	Y		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		

WORKSHEET 5

Automated Data Review Summary for 240-17768-1

This page intentionally left blank.

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

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: 240-17768-1_(70-76-SB), Certified - 1/7/2013 by frederickroche

QC Level: ADR

Project Manager:

Data Reviewer: Jackson Kiker

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG 240-17768-1_(70-76-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
M8015D/NONE	7		0	
M8015V/NONE	7	1	0	0
SW7471A/NONE	14		0	
SW8082/NONE	7		0	
SW8260B/NONE	21	2	0	0
SW8270C/NONE	21		0	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-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) 240-17768-1_(70-76-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
- 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 240-17768-1_(70-76-SB)

Field Duplicate RPD

Initial Calibration Verification

Lab Replicate RPD

LCS RPD

Material Blank

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-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 802 results (34.99%) out of the 2292 results (sample and field QC samples) reported are qualified based on review and 71 results (3.10%) 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
M8015D	
M8015V	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

SW7471A	
SW8082	
SW8260B	
SW8270C	

Reviewed by Jackson Kiker,

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-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 240-17768-1_(70-76-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 240-17768-1_(70-76-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 240-17768-1_(70-76-SB)

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
66605	66394	NA	LABQC	SQ	LABQC	MB 240-66394/10-A		1/1	27-Nov-2012 9:12 AM	27-Nov-2012 9:12 AM	28-Nov-2012 10:04 PM	LB
	66394	NA	LABQC	SQ	LABQC	LCS 240-66394/11-A		1/1	27-Nov-2012 9:12 AM	27-Nov-2012 9:12 AM	28-Nov-2012 10:35 PM	BS
	66394	NA	70-4744-DU1-SB	SO	070SB-0012M-0001-SO	240-17768-2		1/10	14-Nov-2012 12:51 PM	27-Nov-2012 9:12 AM	28-Nov-2012 11:35 PM	N
	66394	NA	70-4744-DU1-SB3	SO	070SB-0015M-0001-SO	240-17768-5		1/1	14-Nov-2012 1:00 PM	27-Nov-2012 9:12 AM	29-Nov-2012 1:06 AM	N
	66394	NA	70-4744-DU1-SB4	SO	070SB-0016M-0001-SO	240-17768-6		1/1	14-Nov-2012 11:50 AM	27-Nov-2012 9:12 AM	29-Nov-2012 1:37 AM	N
	66394	NA	70-4744-DU1-SB5	SO	070SB-0017M-0001-SO	240-17768-7		1/1	14-Nov-2012 12:15 PM	27-Nov-2012 9:12 AM	29-Nov-2012 2:38 AM	N
	66394	NA	70-4744-DU1-SB5	SO	070SB-0017M-0002-SO	240-17768-7		1/1	14-Nov-2012 12:15 PM	27-Nov-2012 9:12 AM	29-Nov-2012 3:08 AM	MS
	66394	NA	70-4744-DU1-SB5	SO	070SB-0017M-0002-SO	240-17768-7		1/1	14-Nov-2012 12:15 PM	27-Nov-2012 9:12 AM	29-Nov-2012 3:38 AM	SD
67061	66394	NA	70-4744-DU1-SB	SO	070SB-0011M-0001-SO	240-17768-1		1/1	14-Nov-2012 12:50 PM	27-Nov-2012 9:12 AM	03-Dec-2012 1:36 PM	N
	66394	NA	70-4744-DU1-SB2	SO	070SB-0014M-0001-SO	240-17768-4		1/100	14-Nov-2012 9:35 AM	27-Nov-2012 9:12 AM	03-Dec-2012 2:38 PM	N
67287	66394	NA	70-4744-DU1-SB1	SO	070SB-0013M-0001-SO	240-17768-3		1/1	14-Nov-2012 11:00 AM	27-Nov-2012 9:12 AM	05-Dec-2012 3:01 AM	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	NA	NA	LABQC	SQ	LABQC	MB 240-66387/38		1/1	28-Nov-2012 9:18 AM		28-Nov-2012 9:18 AM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-66387/39		1/1	28-Nov-2012 9:58 AM		28-Nov-2012 9:58 AM	BS
	66556	NA	70-4744-DU1-SB1	SO	070SB-0013M-0001-SO	240-17768-3		1/1	14-Nov-2012 11:00 AM	15-Nov-2012 9:00 PM	28-Nov-2012 11:25 AM	N
	66556	NA	70-4744-DU1-SB3	SO	070SB-0015M-0001-SO	240-17768-5		1/1	14-Nov-2012 1:00 PM	15-Nov-2012 9:00 PM	28-Nov-2012 12:04 PM	N
	66556	NA	70-4744-DU1-SB4	SO	070SB-0016M-0001-SO	240-17768-6		1/1	14-Nov-2012 11:50 AM	15-Nov-2012 9:00 PM	28-Nov-2012 12:43 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Batch Report

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	66556	NA	70-4744-DU1-SB5	SO	070SB-0017M-0001-SO	240-17768-7		1/1	14-Nov-2012 12:15 PM	15-Nov-2012 9:00 PM	28-Nov-2012 1:22 PM	N
	66556	NA	70-4744-DU1-SB	SO	070SB-0011M-0001-SO	240-17768-1		1/1	14-Nov-2012 12:50 PM	15-Nov-2012 9:00 PM	28-Nov-2012 10:59 PM	N
	66321	NA	LABQC	SQ	LABQC	MB 240-66321/1-A		1/1	26-Nov-2012 2:21 PM	26-Nov-2012 2:21 PM	27-Nov-2012 9:43 PM	LB
	66321	NA	LABQC	SQ	LABQC	LCS 240-66321/2-A		1/1	26-Nov-2012 2:21 PM	26-Nov-2012 2:21 PM	27-Nov-2012 10:23 PM	BS
	66321	NA	70-4744-DU1-SB	SO	070SB-0012M-0001-SO	240-17768-2		1/10	14-Nov-2012 12:51 PM	26-Nov-2012 2:21 PM	27-Nov-2012 11:40 PM	N
	66321	NA	70-4744-DU1-SB2	SO	070SB-0014M-0001-SO	240-17768-4		1/10	14-Nov-2012 9:35 AM	26-Nov-2012 2:21 PM	28-Nov-2012 12:57 AM	N
	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	70-4744-DU1-SB5	WG	070SB-0018M-0001-TB	240-17768-8		1/1	14-Nov-2012 8:00 AM	28-Nov-2012 3:18 PM	28-Nov-2012 3:18 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	66302	NA	LABQC	SQ	LABQC	MB 240-66302/1-A		1/1	26-Nov-2012 2:45 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:20 PM	LB
	66302	NA	LABQC	SQ	LABQC	LCS 240-66302/2-A		1/1	26-Nov-2012 2:45 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:22 PM	BS
	66302	NA	76-U4-DU2-SB2	SO	076SB-0033M-0001-SO	240-17768-20		1/1	14-Nov-2012 4:45 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:31 PM	N
	66302	NA	76-U5-DU1-SB1	SO	076SB-0039M-0001-SO	240-17768-11		1/1	14-Nov-2012 3:00 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:32 PM	N
	66302	NA	76-U5-DU1-SB	SO	076SB-0038M-0001-SO	240-17768-10		1/1	14-Nov-2012 3:51 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:36 PM	N
	66302	NA	76-U5-DU1-SB2	SO	076SB-0040M-0001-SO	240-17768-12		1/1	14-Nov-2012 3:20 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:38 PM	N
	66302	NA	76-U4-DU2-SB4	SO	076SB-0035M-0001-SO	240-17768-22		1/1	14-Nov-2012 5:30 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:39 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-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
67078	66302	NA	76-U4-DU2-SB1	SO	076SB-0032M-0001-SO	240-17768-19		1/1	14-Nov-2012 4:15 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:40 PM	N
	66302	NA	76-U4-DU2-SB	SO	076SB-0030M-0001-SO	240-17768-17		1/1	14-Nov-2012 4:15 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:42 PM	N
	66302	NA	76-U5-DU1-SB5	SO	076SB-0043M-0001-SO	240-17768-15		1/1	14-Nov-2012 3:55 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:47 PM	N
	66302	NA	76-U5-DU1-SB4	SO	076SB-0042M-0001-SO	240-17768-14		1/1	14-Nov-2012 3:45 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:49 PM	N
	66302	NA	76-U4-DU2-SB5	SO	076SB-0036M-0001-SO	240-17768-23		1/1	14-Nov-2012 5:45 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:53 PM	N
	66302	NA	76-U5-DU1-SB	SO	076SB-0037M-0001-SO	240-17768-9		1/1	14-Nov-2012 3:50 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:54 PM	N
	66302	NA	76-U4-DU2-SB3	SO	076SB-0034M-0001-SO	240-17768-21		1/1	14-Nov-2012 5:00 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:56 PM	N
	66302	NA	76-U5-DU1-SB3	SO	076SB-0041M-0001-SO	240-17768-13		1/1	14-Nov-2012 3:30 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:57 PM	N
	66302	NA	76-U4-DU2-SB	SO	076SB-0031M-0001-SO	240-17768-18		1/1	14-Nov-2012 4:16 PM	26-Nov-2012 2:45 PM	30-Nov-2012 2:58 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
67173	66777	NA	76-U5-DU1-SB	SO	076SB-0037M-0001-SO	240-17768-9		1/1	14-Nov-2012 3:50 PM	29-Nov-2012 11:28 AM	04-Dec-2012 3:43 AM	N
	66777	NA	76-U5-DU1-SB	SO	076SB-0038M-0001-SO	240-17768-10		1/1	14-Nov-2012 3:51 PM	29-Nov-2012 11:28 AM	04-Dec-2012 3:58 AM	N
	66777	NA	76-U5-DU1-SB1	SO	076SB-0039M-0001-SO	240-17768-11		1/1	14-Nov-2012 3:00 PM	29-Nov-2012 11:28 AM	04-Dec-2012 4:12 AM	N
	66777	NA	76-U5-DU1-SB2	SO	076SB-0040M-0001-SO	240-17768-12		1/1	14-Nov-2012 3:20 PM	29-Nov-2012 11:28 AM	04-Dec-2012 4:28 AM	N
	66777	NA	76-U5-DU1-SB3	SO	076SB-0041M-0001-SO	240-17768-13		1/1	14-Nov-2012 3:30 PM	29-Nov-2012 11:28 AM	04-Dec-2012 4:42 AM	N
	66777	NA	76-U5-DU1-SB4	SO	076SB-0042M-0001-SO	240-17768-14		1/1	14-Nov-2012 3:45 PM	29-Nov-2012 11:28 AM	04-Dec-2012 4:57 AM	N
	66777	NA	76-U5-DU1-SB5	SO	076SB-0043M-0001-SO	240-17768-15		1/1	14-Nov-2012 3:55 PM	29-Nov-2012 11:28 AM	04-Dec-2012 5:12 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-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
67173	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	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: 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
66063	NA	NA	LABQC	SQ	LABQC	LCS 240-66063/16		1/1	23-Nov-2012 2:51 PM		23-Nov-2012 2:51 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-66063/17		1/1	23-Nov-2012 3:13 PM		23-Nov-2012 3:13 PM	LB
66175	NA	NA	LABQC	SQ	LABQC	LCS 240-66175/7		1/1	25-Nov-2012 9:38 AM		25-Nov-2012 9:38 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-66175/8		1/1	25-Nov-2012 9:59 AM		25-Nov-2012 9:59 AM	LB
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
66063	65854	NA	70-4744-DU1-SB	SO	070SB-0011M-0001-SO	240-17768-1		1/1	14-Nov-2012 12:50 PM	15-Nov-2012 9:00 PM	23-Nov-2012 7:31 PM	N
	65854	NA	70-4744-DU1-SB1	SO	070SB-0013M-0001-SO	240-17768-3		1/1	14-Nov-2012 11:00 AM	15-Nov-2012 9:00 PM	23-Nov-2012 7:53 PM	N
	65854	NA	70-4744-DU1-SB3	SO	070SB-0015M-0001-SO	240-17768-5		1/1	14-Nov-2012 1:00 PM	15-Nov-2012 9:00 PM	23-Nov-2012 8:14 PM	N
	65854	NA	70-4744-DU1-SB4	SO	070SB-0016M-0001-SO	240-17768-6		1/1	14-Nov-2012 11:50 AM	15-Nov-2012 9:00 PM	23-Nov-2012 8:36 PM	N
66175	65854	NA	70-4744-DU1-SB5	SO	070SB-0017M-0001-SO	240-17768-7		1/1	14-Nov-2012 12:15 PM	15-Nov-2012 9:00 PM	25-Nov-2012 2:39 PM	N
	65854	NA	76-U5-DU1-SB	SO	076SB-0037M-0001-SO	240-17768-9		1/1	14-Nov-2012 3:50 PM	15-Nov-2012 9:00 PM	25-Nov-2012 3:01 PM	N
	65854	NA	76-U5-DU1-SB1	SO	076SB-0039M-0001-SO	240-17768-11		1/1	14-Nov-2012 3:00 PM	15-Nov-2012 9:00 PM	25-Nov-2012 3:44 PM	N
	65854	NA	76-U5-DU1-SB3	SO	076SB-0041M-0001-SO	240-17768-13		1/1	14-Nov-2012 3:30 PM	15-Nov-2012 9:00 PM	25-Nov-2012 4:27 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

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
66175	65854	NA	76-U5-DU1-SB4	SO	076SB-0042M-0001-SO	240-17768-14		1/1	14-Nov-2012 3:45 PM	15-Nov-2012 9:00 PM	25-Nov-2012 4:48 PM	N
	65854	NA	76-U5-DU1-SB5	SO	076SB-0043M-0001-SO	240-17768-15		1/1	14-Nov-2012 3:55 PM	15-Nov-2012 9:00 PM	25-Nov-2012 5:10 PM	N
	65854	NA	76-U4-DU2-SB	SO	076SB-0030M-0001-SO	240-17768-17		1/1	14-Nov-2012 4:15 PM	15-Nov-2012 9:00 PM	25-Nov-2012 5:31 PM	N
	65854	NA	76-U4-DU2-SB	SO	076SB-0031M-0001-SO	240-17768-18		1/1	14-Nov-2012 4:16 PM	15-Nov-2012 9:00 PM	25-Nov-2012 5:53 PM	N
	65854	NA	76-U4-DU2-SB1	SO	076SB-0032M-0001-SO	240-17768-19		1/1	14-Nov-2012 4:15 PM	15-Nov-2012 9:00 PM	25-Nov-2012 6:14 PM	N
	65854	NA	76-U4-DU2-SB2	SO	076SB-0033M-0001-SO	240-17768-20		1/1	14-Nov-2012 4:45 PM	15-Nov-2012 9:00 PM	25-Nov-2012 6:36 PM	N
66239	65854	NA	76-U5-DU1-SB	SO	076SB-0038M-0001-SO	240-17768-10		1/1	14-Nov-2012 3:51 PM	15-Nov-2012 9:00 PM	26-Nov-2012 3:20 PM	N
	65854	NA	76-U5-DU1-SB2	SO	076SB-0040M-0001-SO	240-17768-12		1/1	14-Nov-2012 3:20 PM	15-Nov-2012 9:00 PM	26-Nov-2012 4:03 PM	N
	65854	NA	76-U4-DU2-SB4	SO	076SB-0035M-0001-SO	240-17768-22		1/1	14-Nov-2012 5:30 PM	15-Nov-2012 9:00 PM	26-Nov-2012 4:46 PM	N
	65854	NA	76-U4-DU2-SB5	SO	076SB-0036M-0001-SO	240-17768-23		1/1	14-Nov-2012 5:45 PM	15-Nov-2012 9:00 PM	26-Nov-2012 5:08 PM	N
66175	65921	NA	LABQC	SQ	LABQC	LCS 240-65921/2-A		1/1	21-Nov-2012 11:03 AM	21-Nov-2012 11:03 AM	25-Nov-2012 11:26 AM	BS
	65921	NA	LABQC	SQ	LABQC	MB 240-65921/1-A		1/1	21-Nov-2012 11:03 AM	21-Nov-2012 11:03 AM	25-Nov-2012 11:47 AM	LB
	65921	NA	70-4744-DU1-SB2	SO	070SB-0014M-0001-SO	240-17768-4		1/1	14-Nov-2012 9:35 AM	21-Nov-2012 11:03 AM	25-Nov-2012 12:09 PM	N
	65921	NA	70-4744-DU1-SB	SO	070SB-0012M-0001-SO	240-17768-2		1/2	14-Nov-2012 12:51 PM	21-Nov-2012 11:03 AM	25-Nov-2012 12:30 PM	N
66239	65921	NA	76-U4-DU2-SB3	SO	076SB-0034M-0001-SO	240-17768-21		1/1	14-Nov-2012 5:00 PM	21-Nov-2012 11:03 AM	26-Nov-2012 2:37 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	70-4744-DU1-SB5	WG	070SB-0018M-0001-TB	240-17768-8		1/1	14-Nov-2012 8:00 AM	21-Nov-2012 1:25 PM	21-Nov-2012 1:25 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

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-U5-DU1-SB5	WG	076SB-0044M-0001-TB	240-17768-16		1/1	14-Nov-2012 7:00 AM	21-Nov-2012 2:09 PM	21-Nov-2012 2:09 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
67390	66227	NA	LABQC	SQ	LABQC	MB 240-66227/23-A		1/1	26-Nov-2012 9:35 AM	26-Nov-2012 9:35 AM	05-Dec-2012 10:19 AM	LB
	66227	NA	LABQC	SQ	LABQC	LCS 240-66227/24-A		1/1	26-Nov-2012 9:35 AM	26-Nov-2012 9:35 AM	05-Dec-2012 10:43 AM	BS
	66227	NA	70-4744-DU1-SB4	SO	070SB-0016M-0001-SO	240-17768-6		1/10	14-Nov-2012 11:50 AM	26-Nov-2012 9:35 AM	05-Dec-2012 11:06 AM	N
	66227	NA	70-4744-DU1-SB4	SO	070SB-0016M-0002-SO	240-17768-6		1/10	14-Nov-2012 11:50 AM	26-Nov-2012 9:35 AM	05-Dec-2012 11:29 AM	MS
	66227	NA	70-4744-DU1-SB4	SO	070SB-0016M-0002-SO	240-17768-6		1/10	14-Nov-2012 11:50 AM	26-Nov-2012 9:35 AM	05-Dec-2012 11:52 AM	SD
	66227	NA	70-4744-DU1-SB2	SO	070SB-0014M-0001-SO	240-17768-4		1/20	14-Nov-2012 9:35 AM	26-Nov-2012 9:35 AM	05-Dec-2012 3:21 PM	N
	66227	NA	70-4744-DU1-SB	SO	070SB-0012M-0001-SO	240-17768-2		1/20	14-Nov-2012 12:51 PM	26-Nov-2012 9:35 AM	05-Dec-2012 3:44 PM	N
	66227	NA	70-4744-DU1-SB1	SO	070SB-0013M-0001-SO	240-17768-3		1/5	14-Nov-2012 11:00 AM	26-Nov-2012 9:35 AM	05-Dec-2012 4:08 PM	N
	66227	NA	70-4744-DU1-SB3	SO	070SB-0015M-0001-SO	240-17768-5		1/5	14-Nov-2012 1:00 PM	26-Nov-2012 9:35 AM	05-Dec-2012 4:31 PM	N
67052	66237	NA	LABQC	SQ	LABQC	LCS 240-66237/13-A		1/1	26-Nov-2012 9:49 AM	26-Nov-2012 9:49 AM	03-Dec-2012 2:25 PM	BS
	66237	NA	70-4744-DU1-SB	SO	070SB-0011M-0001-SO	240-17768-1		1/4	14-Nov-2012 12:50 PM	26-Nov-2012 9:49 AM	03-Dec-2012 4:47 PM	N
	66237	NA	70-4744-DU1-SB	SO	070SB-0011M-0002-SO	240-17768-1		1/4	14-Nov-2012 12:50 PM	26-Nov-2012 9:49 AM	03-Dec-2012 5:10 PM	MS
	66237	NA	70-4744-DU1-SB	SO	070SB-0011M-0002-SO	240-17768-1		1/4	14-Nov-2012 12:50 PM	26-Nov-2012 9:49 AM	03-Dec-2012 5:34 PM	SD
67225	66237	NA	LABQC	SQ	LABQC	MB 240-66237/12-A		1/1	26-Nov-2012 9:49 AM	26-Nov-2012 9:49 AM	04-Dec-2012 10:56 AM	LB
66878	66397	NA	LABQC	SQ	LABQC	MB 240-66397/18-A		1/1	27-Nov-2012 9:22 AM	27-Nov-2012 9:22 AM	30-Nov-2012 9:37 AM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-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
66878	66397	NA	LABQC	SQ	LABQC	LCS 240-66397/19-A		1/1	27-Nov-2012 9:22 AM	27-Nov-2012 9:22 AM	30-Nov-2012 10:01 AM	BS
	66397	NA	76-U4-DU2-SB5	SO	076SB-0036M-0001-SO	240-17768-23		1/5	14-Nov-2012 5:45 PM	27-Nov-2012 9:22 AM	30-Nov-2012 10:24 AM	N
	66397	NA	76-U4-DU2-SB5	SO	076SB-0036M-0002-SO	240-17768-23		1/5	14-Nov-2012 5:45 PM	27-Nov-2012 9:22 AM	30-Nov-2012 10:47 AM	MS
	66397	NA	76-U4-DU2-SB5	SO	076SB-0036M-0002-SO	240-17768-23		1/5	14-Nov-2012 5:45 PM	27-Nov-2012 9:22 AM	30-Nov-2012 11:11 AM	SD
	66397	NA	70-4744-DU1-SB5	SO	070SB-0017M-0001-SO	240-17768-7		1/5	14-Nov-2012 12:15 PM	27-Nov-2012 9:22 AM	30-Nov-2012 11:34 AM	N
	66397	NA	76-U5-DU1-SB2	SO	076SB-0040M-0001-SO	240-17768-12		1/5	14-Nov-2012 3:20 PM	27-Nov-2012 9:22 AM	30-Nov-2012 11:57 AM	N
	66397	NA	76-U4-DU2-SB	SO	076SB-0030M-0001-SO	240-17768-17		1/5	14-Nov-2012 4:15 PM	27-Nov-2012 9:22 AM	30-Nov-2012 12:21 PM	N
	66397	NA	76-U4-DU2-SB	SO	076SB-0031M-0001-SO	240-17768-18		1/5	14-Nov-2012 4:16 PM	27-Nov-2012 9:22 AM	30-Nov-2012 12:44 PM	N
	66397	NA	76-U4-DU2-SB4	SO	076SB-0035M-0001-SO	240-17768-22		1/5	14-Nov-2012 5:30 PM	27-Nov-2012 9:22 AM	30-Nov-2012 1:07 PM	N
	66397	NA	76-U5-DU1-SB5	SO	076SB-0043M-0001-SO	240-17768-15		1/5	14-Nov-2012 3:55 PM	27-Nov-2012 9:22 AM	30-Nov-2012 1:31 PM	N
	66397	NA	76-U4-DU2-SB3	SO	076SB-0034M-0001-SO	240-17768-21		1/5	14-Nov-2012 5:00 PM	27-Nov-2012 9:22 AM	30-Nov-2012 1:54 PM	N
	66397	NA	76-U4-DU2-SB2	SO	076SB-0033M-0001-SO	240-17768-20		1/1	14-Nov-2012 4:45 PM	27-Nov-2012 9:22 AM	30-Nov-2012 2:17 PM	N
	66397	NA	76-U5-DU1-SB	SO	076SB-0038M-0001-SO	240-17768-10		1/1	14-Nov-2012 3:51 PM	27-Nov-2012 9:22 AM	30-Nov-2012 2:41 PM	N
	66397	NA	76-U4-DU2-SB1	SO	076SB-0032M-0001-SO	240-17768-19		1/1	14-Nov-2012 4:15 PM	27-Nov-2012 9:22 AM	30-Nov-2012 3:04 PM	N
	66397	NA	76-U5-DU1-SB3	SO	076SB-0041M-0001-SO	240-17768-13		1/1	14-Nov-2012 3:30 PM	27-Nov-2012 9:22 AM	30-Nov-2012 3:28 PM	N
	66397	NA	76-U5-DU1-SB	SO	076SB-0037M-0001-SO	240-17768-9		1/1	14-Nov-2012 3:50 PM	27-Nov-2012 9:22 AM	30-Nov-2012 3:51 PM	N
	66397	NA	76-U5-DU1-SB1	SO	076SB-0039M-0001-SO	240-17768-11		1/1	14-Nov-2012 3:00 PM	27-Nov-2012 9:22 AM	30-Nov-2012 4:14 PM	N
	66397	NA	76-U5-DU1-SB4	SO	076SB-0042M-0001-SO	240-17768-14		1/1	14-Nov-2012 3:45 PM	27-Nov-2012 9:22 AM	30-Nov-2012 4:38 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

QC Outlier Report

Test/Prep	QC Element	Sample ID/ Lab Sample ID	Run# / Dil'n	Analyte	Result (Units)	Qualifier	Warning Limits	Control Limits	Reason	Comment	Rule	Action Level
M8015V / SW3510C	Prep Hold Time	070SB-0018M-0001-TB (N) / 240-17768-8	1 / 1.00	All in Run	14.3 (Days)	J/R	< 7	< 14	H2	Prep Exceeds UCL		
SW8260B / SW5030B/NONE	Blank	MB 240-65929/6 (LB) / MB 240-65929/6	1 / 1.00	Methylene Chloride	1.7 (UG/L)	U/None	< 0.33	< 1	L		2	3.32
SW8260B / SW5035/NONE	Blank	MB 240-65921/1-A (LB) / MB 240-65921/1-A	1 / 1.00	Tetrachloroethene (PCE)	19.0 (UG/KG)	U/None	< 12	< 250	L		1	19.0
SW8260B / SW5035/NONE	Blank	MB 240-65921/1-A (LB) / MB 240-65921/1-A	1 / 1.00	Trichloroethene (TCE)	10.9 (UG/KG)	U/None	< 9.7	< 250	L		1	10.9
SW8260B / SW5035/NONE	Blank	MB 240-65921/1-A (LB) / MB 240-65921/1-A	1 / 1.00	Xylenes, Total	12.2 (UG/KG)	U/None	< 8.1	< 500	L		1	12.2
SW8260B / SW5035/NONE	Blank	MB 240-66063/17 (LB) / MB 240-66063/17	1 / 1.00	2-Butanone (MEK)	1.8 (UG/KG)	U/None	< 1.4	< 20	L		2	3.52
SW8260B / SW5035/NONE	Blank	MB 240-66063/17 (LB) / MB 240-66063/17	1 / 1.00	2-Hexanone	0.83 (UG/KG)	U/None	< 0.63	< 20	L		1	0.834
SW8260B / SW5035/NONE	Blank	MB 240-66063/17 (LB) / MB 240-66063/17	1 / 1.00	Acetone	13.8 (UG/KG)	U/None	< 6.3	< 20	L		2	27.6
SW8260B / SW5035/NONE	Blank	MB 240-66063/17 (LB) / MB 240-66063/17	1 / 1.00	Styrene	0.15 (UG/KG)	U/None	< 0.15	< 5	L		1	0.150
SW8260B / SW5035/NONE	Blank	MB 240-66175/8 (LB) / MB 240-66175/8	1 / 1.00	2-Butanone (MEK)	1.8 (UG/KG)	U/None	< 0.86	< 20	L		2	3.66
SW8260B / SW5035/NONE	Blank	MB 240-66175/8 (LB) / MB 240-66175/8	1 / 1.00	2-Hexanone	0.65 (UG/KG)	U/None	< 0.4	< 20	L		1	0.654
SW8260B / SW5035/NONE	Blank	MB 240-66175/8 (LB) / MB 240-66175/8	1 / 1.00	Acetone	19.2 (UG/KG)	U/None	< 3.4	< 20	L		2	38.4
SW8260B / SW5035/NONE	Blank	MB 240-66175/8 (LB) / MB 240-66175/8	1 / 1.00	Carbon Disulfide	2.9 (UG/KG)	U/None	< 0.24	< 5	L		1	2.92
SW8260B / SW5035/NONE	Blank	MB 240-66175/8 (LB) / MB 240-66175/8	1 / 1.00	Styrene	0.15 (UG/KG)	U/None	< 0.11	< 5	L		1	0.147
SW8260B / SW5035/NONE	Blank	MB 240-66239/8 (LB) / MB 240-66239/8	1 / 1.00	2-Hexanone	0.79 (UG/KG)	U/None	< 0.63	< 20	L		1	0.785
SW8260B / SW5035/NONE	Blank	MB 240-66239/8 (LB) / MB 240-66239/8	1 / 1.00	Acetone	11.2 (UG/KG)	U/None	< 6.3	< 20	L		2	22.4
SW8260B / SW5035/NONE	Surrogate	070SB-0011M-0001-SO (N) / 240-17768-1	1 / 1.00	Dibromofluoromethane	82.9 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	070SB-0012M-0001-SO (N) / 240-17768-2	1 / 2.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	62.0 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	070SB-0012M-0001-SO (N) / 240-17768-2	1 / 2.00	Dibromofluoromethane	70.2 (PERCENT)	J/UJ	85 - 115	10 - 115	I			

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

QC Outlier Report

Test/Prep	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	070SB-0012M-0001-SO (N) / 240-17768-2	1 / 2.00	Toluene-d8	62.0 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	070SB-0013M-0001-SO (N) / 240-17768-3	1 / 1.00	Dibromofluoromethane	81.1 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	070SB-0014M-0001-SO (N) / 240-17768-4	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	73.6 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	070SB-0014M-0001-SO (N) / 240-17768-4	1 / 1.00	Dibromofluoromethane	77.9 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	070SB-0014M-0001-SO (N) / 240-17768-4	1 / 1.00	Toluene-d8	73.6 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	070SB-0015M-0001-SO (N) / 240-17768-5	1 / 1.00	Dibromofluoromethane	82.0 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	070SB-0016M-0001-SO (N) / 240-17768-6	1 / 1.00	Dibromofluoromethane	82.0 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	070SB-0017M-0001-SO (N) / 240-17768-7	1 / 1.00	Dibromofluoromethane	82.2 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0030M-0001-SO (N) / 240-17768-17	1 / 1.00	Dibromofluoromethane	80.7 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0031M-0001-SO (N) / 240-17768-18	1 / 1.00	Dibromofluoromethane	81.5 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0032M-0001-SO (N) / 240-17768-19	1 / 1.00	Dibromofluoromethane	81.9 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0033M-0001-SO (N) / 240-17768-20	1 / 1.00	Dibromofluoromethane	76.8 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0034M-0001-SO (N) / 240-17768-21	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	78.9 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0034M-0001-SO (N) / 240-17768-21	1 / 1.00	Dibromofluoromethane	72.4 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0034M-0001-SO (N) / 240-17768-21	1 / 1.00	Toluene-d8	72.4 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0035M-0001-SO (N) / 240-17768-22	1 / 1.00	Dibromofluoromethane	81.5 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0036M-0001-SO (N) / 240-17768-23	1 / 1.00	Dibromofluoromethane	83.7 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0037M-0001-SO (N) / 240-17768-9	1 / 1.00	Dibromofluoromethane	80.5 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0038M-0001-SO (N) / 240-17768-10	1 / 1.00	Dibromofluoromethane	80.7 (PERCENT)	J/UJ	85 - 115	10 - 115	I			

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

QC Outlier Report

Test/Prep	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	076SB-0039M-0001-SO (N) / 240-17768-11	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	68.9 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0040M-0001-SO (N) / 240-17768-12	1 / 1.00	Dibromofluoromethane	80.4 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0041M-0001-SO (N) / 240-17768-13	1 / 1.00	Dibromofluoromethane	80.1 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0042M-0001-SO (N) / 240-17768-14	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	77.5 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	076SB-0043M-0001-SO (N) / 240-17768-15	1 / 1.00	Dibromofluoromethane	79.6 (PERCENT)	J/UJ	85 - 115	10 - 115	I			
SW8270C / SW3550/NONE	Blank	MB 240-66227/23-A (LB) / MB 240-66227/23-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	21.0 (UG/KG)	U/None	< 19	< 50	L		5	105
SW8270C / SW3550/NONE	Blank	MB 240-66397/18-A (LB) / MB 240-66397/18-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	30.7 (UG/KG)	U/None	< 19	< 50	L		5	154
SW8270C / SW3550/NONE	MS Recovery	070SB-0011M-0002-SO (MS) / 240-17768-1	1 / 4.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/R	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0011M-0002-SO (SD) / 240-17768-1	1 / 4.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/R	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0011M-0002-SO (MS) / 240-17768-1	1 / 4.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/R	30 - 135	30 - 135	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0011M-0002-SO (SD) / 240-17768-1	1 / 4.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/R	30 - 135	30 - 135	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/R	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (SD) / 240-17768-6	1 / 10.00	2,4,6-Trichlorophenol	0.0000 (PERCENT)	J/R	45 - 110	45 - 110	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/R	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (SD) / 240-17768-6	1 / 10.00	2,4-Dinitrophenol	0.0000 (PERCENT)	J/R	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/R	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (SD) / 240-17768-6	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/R	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	3,3'-Dichlorobenzidine	0.0000 (PERCENT)	J/R	10 - 130	10 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/R	30 - 135	30 - 135	M	Diluted Out	2.00	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

QC Outlier Report

Test/Prep	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	070SB-0016M-0002-SO (SD) / 240-17768-6	1 / 10.00	4,6-Dinitro-2-Methylphenol	0.0000 (PERCENT)	J/R	30 - 135	30 - 135	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	4-Chloroaniline	0.0000 (PERCENT)	J/R	10 - 95	10 - 95	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (SD) / 240-17768-6	1 / 10.00	4-Chloroaniline	0.0000 (PERCENT)	J/R	10 - 95	10 - 95	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	4-Nitroaniline	0.0000 (PERCENT)	J/R	35 - 115	35 - 115	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/R	15 - 140	15 - 140	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (SD) / 240-17768-6	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/R	15 - 140	15 - 140	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	Dibenz(a,h)anthracene	0.0000 (PERCENT)	J/R	40 - 125	40 - 125	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	n-Nitrosodiphenylamine	0.0000 (PERCENT)	J/R	50 - 115	50 - 115	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (MS) / 240-17768-6	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/R	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	070SB-0016M-0002-SO (SD) / 240-17768-6	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/R	25 - 120	25 - 120	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	076SB-0036M-0002-SO (MS) / 240-17768-23	1 / 5.00	2,4-Dinitrophenol	132 (PERCENT)	J/None	15 - 130	15 - 130	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	076SB-0036M-0002-SO (SD) / 240-17768-23	1 / 5.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/R	40 - 105	40 - 105	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	076SB-0036M-0002-SO (SD) / 240-17768-23	1 / 5.00	4-Chloroaniline	0.0000 (PERCENT)	J/R	10 - 95	10 - 95	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	MS Recovery	076SB-0036M-0002-SO (SD) / 240-17768-23	1 / 5.00	4-Nitrophenol	0.0000 (PERCENT)	J/R	15 - 140	15 - 140	M	Diluted Out	2.00	
SW8270C / SW3550/NONE	Surrogate	070SB-0014M-0001-SO (N) / 240-17768-4	1 / 20.00	Terphenyl-d14	0.0000 (PERCENT)	J/R	30 - 125	10 - 125	I	Diluted Out	2.00	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	WG	070SB-0018M-0001-TB	240-17768-8	N	Petroleum Hydrocarbons C6-C12	100	49.0	49.0 J	-	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Mercury	0.10	0.037	0.037 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Mercury	0.10	0.040	0.040 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Mercury	0.10	0.042	0.042 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Mercury	0.11	0.041	0.041 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Mercury	0.091	0.031	0.031 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Mercury	0.095	0.032	0.032 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Mercury	0.097	0.022	0.022 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Mercury	0.092	0.038	0.038 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Mercury	0.094	0.022	0.022 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Mercury	0.10	0.036	0.036 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Mercury	0.10	0.027	0.027 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Mercury	0.087	0.039	0.039 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Mercury	0.097	0.039	0.039 J		MG/KG	TR
SW7471A/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Mercury	0.11	0.036	0.036 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	1,1,1-Trichloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	1,1,2,2-Tetrachloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	1,1,2-Trichloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	1,1-Dichloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	1,1-Dichloroethene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	1,2-Dibromoethane (EDB)	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	1,2-Dichloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	1,2-Dichloropropane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	2-Butanone (MEK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	2-Hexanone	22.0	22.0	22.0 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	4-Methyl-2-pentanone (MIBK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Acetone	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Benzene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Bromochloromethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Bromodichloromethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Bromoform	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Bromomethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Carbon Disulfide	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Carbon Tetrachloride	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Chlorobenzene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Chloroethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Chloroform	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Chloromethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	cis-1,3-Dichloropropene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Dibromochloromethane	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Ethylbenzene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Methylene Chloride	5.4	0.91	0.91 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Styrene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	tert-Butyl Methyl Ether (MTBE)	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Tetrachloroethene (PCE)	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Toluene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	trans-1,3-Dichloropropene	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Trichloroethene (TCE)	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Vinyl Chloride	5.4	5.4	5.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	1,1,1-Trichloroethane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	1,1,2,2-Tetrachloroethane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	1,1,2-Trichloroethane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	1,1-Dichloroethane	480	480	480 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	1,1-Dichloroethene	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	1,2-Dibromoethane (EDB)	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	1,2-Dichloroethane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	1,2-Dichloroethene	970	970	970 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	1,2-Dichloropropane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	2-Butanone (MEK)	1900	1900	1900 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	2-Hexanone	1900	1900	1900 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	4-Methyl-2-pentanone (MIBK)	1900	1900	1900 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Acetone	1900	1900	1900 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Benzene	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Bromochloromethane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Bromodichloromethane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Bromoform	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Bromomethane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Carbon Disulfide	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Carbon Tetrachloride	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Chlorobenzene	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Chloroethane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Chloroform	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Chloromethane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	cis-1,3-Dichloropropene	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Dibromochloromethane	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Ethylbenzene	480	790	790 J	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Methylene Chloride	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Styrene	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	tert-Butyl Methyl Ether (MTBE)	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Tetrachloroethene (PCE)	480	480	480 UJ		UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Toluene	480	63.0	63.0 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	trans-1,3-Dichloropropene	480	480	480 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Trichloroethene (TCE)	480	480	480 UJ		UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Vinyl Chloride	480	480	480 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Xylenes, Total	970	2600	2600 J	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	1,1,1-Trichloroethane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	1,1,2,2-Tetrachloroethane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	1,1,2-Trichloroethane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	1,1-Dichloroethane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	1,1-Dichloroethene	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	1,2-Dibromoethane (EDB)	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	1,2-Dichloroethane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	1,2-Dichloroethene	10.0	10.0	10.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	1,2-Dichloropropane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	2-Butanone (MEK)	21.0	21.0	21.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	2-Hexanone	21.0	21.0	21.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	4-Methyl-2-pentanone (MIBK)	21.0	21.0	21.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Acetone	21.0	21.0	21.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Benzene	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Bromochloromethane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Bromodichloromethane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Bromoform	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Bromomethane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Carbon Disulfide	5.2	3.1	3.1 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Carbon Tetrachloride	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Chlorobenzene	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Chloroethane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Chloroform	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Chloromethane	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	cis-1,3-Dichloropropene	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Dibromochloromethane	5.2	5.2	5.2 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Ethylbenzene	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Methylene Chloride	5.2	2.2	2.2 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Styrene	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	tert-Butyl Methyl Ether (MTBE)	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Tetrachloroethene (PCE)	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Toluene	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	trans-1,3-Dichloropropene	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Trichloroethene (TCE)	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Vinyl Chloride	5.2	5.2	5.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Xylenes, Total	10.0	10.0	10.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	1,1,1-Trichloroethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	1,1,2,2-Tetrachloroethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	1,1,2-Trichloroethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	1,1-Dichloroethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	1,1-Dichloroethene	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	1,2-Dibromoethane (EDB)	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	1,2-Dichloroethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	1,2-Dichloroethene	460	460	460 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	1,2-Dichloropropane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	2-Butanone (MEK)	930	930	930 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	2-Hexanone	930	930	930 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	4-Methyl-2-pentanone (MIBK)	930	930	930 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Acetone	930	930	930 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Benzene	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Bromochloromethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Bromodichloromethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Bromoform	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Bromomethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Carbon Disulfide	230	230	230 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Carbon Tetrachloride	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Chlorobenzene	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Chloroethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Chloroform	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Chloromethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	cis-1,3-Dichloropropene	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Dibromochloromethane	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Ethylbenzene	230	350	350 J	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Methylene Chloride	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Styrene	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	tert-Butyl Methyl Ether (MTBE)	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Tetrachloroethene (PCE)	230	230	230 UJ		UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Toluene	230	26.0	26.0 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	trans-1,3-Dichloropropene	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Trichloroethene (TCE)	230	230	230 UJ		UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Vinyl Chloride	230	230	230 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Xylenes, Total	460	1200	1200 J	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	1,1,1-Trichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	1,1,2,2-Tetrachloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	1,1,2-Trichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	1,1-Dichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	1,1-Dichloroethene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	1,2-Dibromoethane (EDB)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	1,2-Dichloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	1,2-Dichloroethene	10.0	10.0	10.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	1,2-Dichloropropane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	2-Butanone (MEK)	20.0	3.1	20.0 U	-	UG/KG	L
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	2-Hexanone	20.0	20.0	20.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	4-Methyl-2-pentanone (MIBK)	20.0	20.0	20.0 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Acetone	38.0	38.0	38.0 U	-	UG/KG	L
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Benzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Bromochloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Bromodichloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Bromoform	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Bromomethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Carbon Disulfide	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Carbon Tetrachloride	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Chlorobenzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Chloroethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Chloroform	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Chloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	cis-1,3-Dichloropropene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Dibromochloromethane	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Ethylbenzene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Methylene Chloride	5.1	2.5	2.5 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Styrene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	tert-Butyl Methyl Ether (MTBE)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Tetrachloroethene (PCE)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Toluene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	trans-1,3-Dichloropropene	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Trichloroethene (TCE)	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Vinyl Chloride	5.1	5.1	5.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Xylenes, Total	10.0	10.0	10.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	1,1,1-Trichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	1,1,2,2-Tetrachloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	1,1,2-Trichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	1,1-Dichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	1,1-Dichloroethene	5.6	5.6	5.6 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	1,2-Dibromoethane (EDB)	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	1,2-Dichloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	1,2-Dichloropropane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	2-Butanone (MEK)	22.0	4.2	22.0 U	-	UG/KG	L
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	2-Hexanone	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	4-Methyl-2-pentanone (MIBK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Acetone	34.0	34.0	34.0 U	-	UG/KG	L
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Benzene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Bromochloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Bromodichloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Bromoform	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Bromomethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Carbon Disulfide	5.6	3.6	3.6 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Carbon Tetrachloride	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Chlorobenzene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Chloroethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Chloroform	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Chloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	cis-1,3-Dichloropropene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Dibromochloromethane	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Ethylbenzene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Methylene Chloride	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Styrene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	tert-Butyl Methyl Ether (MTBE)	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Tetrachloroethene (PCE)	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Toluene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	trans-1,3-Dichloropropene	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Trichloroethene (TCE)	5.6	5.6	5.6 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Vinyl Chloride	5.6	5.6	5.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	1,1,1-Trichloroethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	1,1,2,2-Tetrachloroethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	1,1,2-Trichloroethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	1,1-Dichloroethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	1,1-Dichloroethene	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	1,2-Dibromoethane (EDB)	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	1,2-Dichloroethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	1,2-Dichloroethene	12.0	12.0	12.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	1,2-Dichloropropane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	2-Butanone (MEK)	24.0	9.2	24.0 U	-	UG/KG	L
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	2-Hexanone	24.0	24.0	24.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	4-Methyl-2-pentanone (MIBK)	24.0	24.0	24.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Acetone	52.0	52.0	52.0 U	-	UG/KG	L
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Benzene	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Bromochloromethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Bromodichloromethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Bromoform	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Bromomethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Carbon Disulfide	6.1	3.6	3.6 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Carbon Tetrachloride	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Chlorobenzene	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Chloroethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Chloroform	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Chloromethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	cis-1,3-Dichloropropene	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Dibromochloromethane	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Ethylbenzene	6.1	6.1	6.1 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Methylene Chloride	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Styrene	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	tert-Butyl Methyl Ether (MTBE)	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Tetrachloroethene (PCE)	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Toluene	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	trans-1,3-Dichloropropene	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Trichloroethene (TCE)	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Vinyl Chloride	6.1	6.1	6.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Xylenes, Total	12.0	12.0	12.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	1,1,1-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	1,1,2,2-Tetrachloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	1,1,2-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	1,1-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	1,1-Dichloroethene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	1,2-Dibromoethane (EDB)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	1,2-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	1,2-Dichloroethene	9.7	9.7	9.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	1,2-Dichloropropane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	2-Butanone (MEK)	19.0	5.3	5.3 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	2-Hexanone	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	4-Methyl-2-pentanone (MIBK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Acetone	19.0	33.0	33.0 J	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Benzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Bromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Bromodichloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Bromoform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Bromomethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Carbon Disulfide	4.8	2.9	2.9 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Carbon Tetrachloride	4.8	4.8	4.8 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Chlorobenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Chloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Chloroform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Chloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	cis-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Dibromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Ethylbenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Methylene Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Styrene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	tert-Butyl Methyl Ether (MTBE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Tetrachloroethene (PCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Toluene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	trans-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Trichloroethene (TCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Vinyl Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Xylenes, Total	9.7	9.7	9.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	1,1,1-Trichloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	1,1,2,2-Tetrachloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	1,1,2-Trichloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	1,1-Dichloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	1,1-Dichloroethene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	1,2-Dibromoethane (EDB)	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	1,2-Dichloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	1,2-Dichloroethene	15.0	15.0	15.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	1,2-Dichloropropane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	2-Butanone (MEK)	29.0	13.0	13.0 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	2-Hexanone	29.0	29.0	29.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	4-Methyl-2-pentanone (MIBK)	29.0	29.0	29.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Acetone	29.0	67.0	67.0 J	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Benzene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Bromochloromethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Bromodichloromethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Bromoform	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Bromomethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Carbon Disulfide	7.4	4.3	4.3 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Carbon Tetrachloride	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Chlorobenzene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Chloroethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Chloroform	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Chloromethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	cis-1,3-Dichloropropene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Dibromochloromethane	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Ethylbenzene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Methylene Chloride	7.4	11.0	11.0 J	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Styrene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	tert-Butyl Methyl Ether (MTBE)	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Tetrachloroethene (PCE)	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Toluene	7.4	0.49	0.49 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	trans-1,3-Dichloropropene	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Trichloroethene (TCE)	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Vinyl Chloride	7.4	7.4	7.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Xylenes, Total	15.0	15.0	15.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	1,1,1-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	1,1,2,2-Tetrachloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	1,1,2-Trichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	1,1-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	1,1-Dichloroethene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	1,2-Dibromoethane (EDB)	4.8	4.8	4.8 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	1,2-Dichloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	1,2-Dichloroethene	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	1,2-Dichloropropane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	2-Butanone (MEK)	19.0	3.9	3.9 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	2-Hexanone	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	4-Methyl-2-pentanone (MIBK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Acetone	19.0	28.0	28.0 J	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Benzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Bromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Bromodichloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Bromoform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Bromomethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Carbon Disulfide	4.8	2.8	2.8 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Carbon Tetrachloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Chlorobenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Chloroethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Chloroform	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Chloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	cis-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Dibromochloromethane	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Ethylbenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Methylene Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Styrene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	tert-Butyl Methyl Ether (MTBE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Tetrachloroethene (PCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Toluene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	trans-1,3-Dichloropropene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Trichloroethene (TCE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Vinyl Chloride	4.8	4.8	4.8 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Xylenes, Total	9.5	9.5	9.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	1,1,1-Trichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	1,1,2,2-Tetrachloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	1,1,2-Trichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	1,1-Dichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	1,1-Dichloroethene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	1,2-Dibromoethane (EDB)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	1,2-Dichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	1,2-Dichloroethene	9.1	9.1	9.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	1,2-Dichloropropane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	2-Butanone (MEK)	18.0	3.2	3.2 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	2-Hexanone	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	4-Methyl-2-pentanone (MIBK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Acetone	18.0	22.0	22.0 J	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Benzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Bromochloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Bromodichloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Bromoform	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Bromomethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Carbon Disulfide	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Carbon Tetrachloride	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Chlorobenzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Chloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Chloroform	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Chloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	cis-1,3-Dichloropropene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Dibromochloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Ethylbenzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Methylene Chloride	4.6	4.6	4.6 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Styrene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	tert-Butyl Methyl Ether (MTBE)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Tetrachloroethene (PCE)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Toluene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	trans-1,3-Dichloropropene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Trichloroethene (TCE)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Vinyl Chloride	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Xylenes, Total	9.1	9.1	9.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	1,1,1-Trichloroethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	1,1,2,2-Tetrachloroethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	1,1,2-Trichloroethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	1,1-Dichloroethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	1,1-Dichloroethene	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	1,2-Dibromoethane (EDB)	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	1,2-Dichloroethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	1,2-Dichloroethene	610	610	610 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	1,2-Dichloropropane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	2-Butanone (MEK)	1200	1200	1200 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	2-Hexanone	1200	1200	1200 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	4-Methyl-2-pentanone (MIBK)	1200	1200	1200 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Acetone	1200	1200	1200 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Benzene	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Bromochloromethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Bromodichloromethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Bromoform	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Bromomethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Carbon Disulfide	300	300	300 UJ	-	UG/KG	I/V2
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Carbon Tetrachloride	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Chlorobenzene	300	300	300 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Chloroethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Chloroform	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Chloromethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	cis-1,3-Dichloropropene	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Dibromochloromethane	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Ethylbenzene	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Methylene Chloride	300	98.0	98.0 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Styrene	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	tert-Butyl Methyl Ether (MTBE)	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Tetrachloroethene (PCE)	300	300	300 UJ		UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Toluene	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	trans-1,3-Dichloropropene	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Trichloroethene (TCE)	300	300	300 UJ		UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Vinyl Chloride	300	300	300 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Xylenes, Total	610	610	610 UJ		UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	1,1,1-Trichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	1,1,2,2-Tetrachloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	1,1,2-Trichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	1,1-Dichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	1,1-Dichloroethene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	1,2-Dibromoethane (EDB)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	1,2-Dichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	1,2-Dichloroethene	9.1	9.1	9.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	1,2-Dichloropropane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	2-Butanone (MEK)	18.0	2.3	2.3 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	2-Hexanone	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	4-Methyl-2-pentanone (MIBK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Acetone	18.0	19.0	19.0 J	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Benzene	4.5	4.5	4.5 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Bromochloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Bromodichloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Bromoform	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Bromomethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Carbon Disulfide	4.5	2.7	2.7 J	-	UG/KG	I/TR/V2
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Carbon Tetrachloride	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Chlorobenzene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Chloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Chloroform	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Chloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	cis-1,3-Dichloropropene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Dibromochloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Ethylbenzene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Methylene Chloride	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Styrene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	tert-Butyl Methyl Ether (MTBE)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Tetrachloroethene (PCE)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Toluene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	trans-1,3-Dichloropropene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Trichloroethene (TCE)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Vinyl Chloride	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Xylenes, Total	9.1	9.1	9.1 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	1,1,1-Trichloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	1,1,2,2-Tetrachloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	1,1,2-Trichloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	1,1-Dichloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	1,1-Dichloroethene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	1,2-Dibromoethane (EDB)	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	1,2-Dichloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	1,2-Dichloroethene	8.8	8.8	8.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	1,2-Dichloropropane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	2-Butanone (MEK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	2-Hexanone	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	4-Methyl-2-pentanone (MIBK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Acetone	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Benzene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Bromochloromethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Bromodichloromethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Bromoform	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Bromomethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Carbon Disulfide	4.4	4.4	4.4 UJ	-	UG/KG	I/V2
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Carbon Tetrachloride	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Chlorobenzene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Chloroethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Chloroform	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Chloromethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	cis-1,3-Dichloropropene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Dibromochloromethane	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Ethylbenzene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Methylene Chloride	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Styrene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	tert-Butyl Methyl Ether (MTBE)	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Tetrachloroethene (PCE)	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Toluene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	trans-1,3-Dichloropropene	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Trichloroethene (TCE)	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Vinyl Chloride	4.4	4.4	4.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Xylenes, Total	8.8	8.8	8.8 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	1,1,1-Trichloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	1,1,2,2-Tetrachloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	1,1,2-Trichloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	1,1-Dichloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	1,1-Dichloroethene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	1,2-Dibromoethane (EDB)	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	1,2-Dichloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	1,2-Dichloroethene	12.0	12.0	12.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	1,2-Dichloropropane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	2-Butanone (MEK)	23.0	19.0	19.0 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	2-Hexanone	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	4-Methyl-2-pentanone (MIBK)	23.0	23.0	23.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Acetone	23.0	89.0	89.0 J	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Benzene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Bromochloromethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Bromodichloromethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Bromoform	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Bromomethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Carbon Disulfide	5.8	3.6	3.6 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Carbon Tetrachloride	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Chlorobenzene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Chloroethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Chloroform	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Chloromethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	cis-1,3-Dichloropropene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Dibromochloromethane	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Ethylbenzene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Methylene Chloride	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Styrene	5.8	5.8	5.8 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	tert-Butyl Methyl Ether (MTBE)	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Tetrachloroethene (PCE)	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Toluene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	trans-1,3-Dichloropropene	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Trichloroethene (TCE)	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Vinyl Chloride	5.8	5.8	5.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Xylenes, Total	12.0	12.0	12.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	1,1,1-Trichloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	1,1,2,2-Tetrachloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	1,1,2-Trichloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	1,1-Dichloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	1,1-Dichloroethene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	1,2-Dibromoethane (EDB)	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	1,2-Dichloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	1,2-Dichloroethene	9.4	9.4	9.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	1,2-Dichloropropane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	2-Butanone (MEK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	2-Hexanone	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	4-Methyl-2-pentanone (MIBK)	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Acetone	19.0	19.0	19.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Benzene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Bromochloromethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Bromodichloromethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Bromoform	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Bromomethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Carbon Disulfide	4.7	4.7	4.7 UJ	-	UG/KG	I/V2
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Carbon Tetrachloride	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Chlorobenzene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Chloroethane	4.7	4.7	4.7 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Chloroform	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Chloromethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	cis-1,3-Dichloropropene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Dibromochloromethane	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Ethylbenzene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Methylene Chloride	4.7	0.68	0.68 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Styrene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	tert-Butyl Methyl Ether (MTBE)	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Tetrachloroethene (PCE)	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Toluene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	trans-1,3-Dichloropropene	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Trichloroethene (TCE)	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Vinyl Chloride	4.7	4.7	4.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Xylenes, Total	9.4	9.4	9.4 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	1,1,1-Trichloroethane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	1,1,2,2-Tetrachloroethane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	1,1,2-Trichloroethane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	1,1-Dichloroethane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	1,1-Dichloroethene	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	1,2-Dibromoethane (EDB)	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	1,2-Dichloroethane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	1,2-Dichloroethene	11.0	11.0	11.0 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	1,2-Dichloropropane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	2-Butanone (MEK)	21.0	21.0	21.0 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	2-Hexanone	21.0	21.0	21.0 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	4-Methyl-2-pentanone (MIBK)	21.0	21.0	21.0 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Acetone	21.0	20.0	20.0 J		UG/KG	I/TR/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Benzene	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Bromochloromethane	5.4	5.4	5.4 R		UG/KG	I/S

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Bromodichloromethane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Bromoform	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Bromomethane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Carbon Disulfide	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Carbon Tetrachloride	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Chlorobenzene	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Chloroethane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Chloroform	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Chloromethane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	cis-1,3-Dichloropropene	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Dibromochloromethane	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Ethylbenzene	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Methylene Chloride	5.4	11.0	11.0 J		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Styrene	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	tert-Butyl Methyl Ether (MTBE)	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Tetrachloroethene (PCE)	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Toluene	5.4	0.40	0.40 J		UG/KG	I/TR/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	trans-1,3-Dichloropropene	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Trichloroethene (TCE)	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Vinyl Chloride	5.4	5.4	5.4 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Xylenes, Total	11.0	11.0	11.0 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	1,1,1-Trichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	1,1,2,2-Tetrachloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	1,1,2-Trichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	1,1-Dichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	1,1-Dichloroethene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	1,2-Dibromoethane (EDB)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	1,2-Dichloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	1,2-Dichloroethene	9.0	9.0	9.0 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	1,2-Dichloropropane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	2-Butanone (MEK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	2-Hexanone	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	4-Methyl-2-pentanone (MIBK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Acetone	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Benzene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Bromochloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Bromodichloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Bromoform	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Bromomethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Carbon Disulfide	4.5	4.5	4.5 UJ	-	UG/KG	I/V2
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Carbon Tetrachloride	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Chlorobenzene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Chloroethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Chloroform	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Chloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	cis-1,3-Dichloropropene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Dibromochloromethane	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Ethylbenzene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Methylene Chloride	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Styrene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	tert-Butyl Methyl Ether (MTBE)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Tetrachloroethene (PCE)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Toluene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	trans-1,3-Dichloropropene	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Trichloroethene (TCE)	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Vinyl Chloride	4.5	4.5	4.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Xylenes, Total	9.0	9.0	9.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	1,1,1-Trichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	1,1,2,2-Tetrachloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	1,1,2-Trichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	1,1-Dichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	1,1-Dichloroethene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	1,2-Dibromoethane (EDB)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	1,2-Dichloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	1,2-Dichloroethene	9.2	9.2	9.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	1,2-Dichloropropane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	2-Butanone (MEK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	2-Hexanone	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	4-Methyl-2-pentanone (MIBK)	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Acetone	18.0	18.0	18.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Benzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Bromochloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Bromodichloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Bromoform	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Bromomethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Carbon Disulfide	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Carbon Tetrachloride	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Chlorobenzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Chloroethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Chloroform	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Chloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	cis-1,3-Dichloropropene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Dibromochloromethane	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Ethylbenzene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Methylene Chloride	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Styrene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	tert-Butyl Methyl Ether (MTBE)	4.6	4.6	4.6 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Tetrachloroethene (PCE)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Toluene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	trans-1,3-Dichloropropene	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Trichloroethene (TCE)	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Vinyl Chloride	4.6	4.6	4.6 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Xylenes, Total	9.2	9.2	9.2 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	1,1,1-Trichloroethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	1,1,2,2-Tetrachloroethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	1,1,2-Trichloroethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	1,1-Dichloroethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	1,1-Dichloroethene	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	1,2-Dibromoethane (EDB)	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	1,2-Dichloroethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	1,2-Dichloroethene	11.0	11.0	11.0 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	1,2-Dichloropropane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	2-Butanone (MEK)	21.0	21.0	21.0 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	2-Hexanone	21.0	21.0	21.0 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	4-Methyl-2-pentanone (MIBK)	21.0	21.0	21.0 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Acetone	21.0	14.0	14.0 J		UG/KG	I/TR/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Benzene	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Bromochloromethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Bromodichloromethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Bromoform	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Bromomethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Carbon Disulfide	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Carbon Tetrachloride	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Chlorobenzene	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Chloroethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Chloroform	5.3	5.3	5.3 R		UG/KG	I/S

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Chloromethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	cis-1,3-Dichloropropene	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Dibromochloromethane	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Ethylbenzene	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Methylene Chloride	5.3	1.1	1.1 J		UG/KG	I/TR/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Styrene	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	tert-Butyl Methyl Ether (MTBE)	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Tetrachloroethene (PCE)	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Toluene	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	trans-1,3-Dichloropropene	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Trichloroethene (TCE)	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Vinyl Chloride	5.3	5.3	5.3 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Xylenes, Total	11.0	11.0	11.0 R		UG/KG	I/S
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	1,1,1-Trichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	1,1,2,2-Tetrachloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	1,1,2-Trichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	1,1-Dichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	1,1-Dichloroethene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	1,2-Dibromoethane (EDB)	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	1,2-Dichloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	1,2-Dichloropropane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	2-Butanone (MEK)	22.0	3.2	3.2 J	-	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	2-Hexanone	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	4-Methyl-2-pentanone (MIBK)	22.0	22.0	22.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Acetone	22.0	37.0	37.0 J	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Benzene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Bromochloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Bromodichloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Bromoform	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Bromomethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Carbon Disulfide	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Carbon Tetrachloride	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Chlorobenzene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Chloroethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Chloroform	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Chloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	cis-1,3-Dichloropropene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Dibromochloromethane	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Ethylbenzene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Methylene Chloride	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Styrene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	tert-Butyl Methyl Ether (MTBE)	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Tetrachloroethene (PCE)	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Toluene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	trans-1,3-Dichloropropene	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Trichloroethene (TCE)	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Vinyl Chloride	5.5	5.5	5.5 UJ	-	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	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	070SB-0011M-0001-SO	240-17768-1	N	2,4-Dinitrophenol	1300	1300	1300 R		UG/KG	M
SW8270C/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	2-Methylnaphthalene	27.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	3,3'-Dichlorobenzidine	400	400	400 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	4,6-Dinitro-2-Methylphenol	600	600	600 R		UG/KG	M
SW8270C/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Fluoranthene	27.0	15.0	15.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	n-Nitrosodi-n-propylamine	200	200	200 UJ		UG/KG	J
SW8270C/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Pyrene	27.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	3,3'-Dichlorobenzidine	2000	2000	2000 UJ		UG/KG	V1

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Dibenzofuran	1000	470	470 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	3,3'-Dichlorobenzidine	510	510	510 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Fluoranthene	34.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Pyrene	34.0	28.0	28.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	3,3'-Dichlorobenzidine	2000	2000	2000 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	2-Methylnaphthalene	34.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ		UG/KG	TR/V1
SW8270C/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	4-Chloroaniline	1500	1500	1500 R		UG/KG	M
SW8270C/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	4-Nitroaniline	2000	2000	2000 J		UG/KG	L
SW8270C/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Dibenz(a,h)anthracene	67.0	67.0	67.0 J		UG/KG	I
SW8270C/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	n-Nitrosodiphenylamine	500	500	500 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	2-Methylnaphthalene	33.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Anthracene	33.0	24.0	24.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Benzo(k)fluoranthene	33.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Naphthalene	33.0	30.0	30.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Benzo(a)anthracene	33.0	29.0	29.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Benzo(g,h,i)perylene	33.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Benzo(k)fluoranthene	33.0	18.0	18.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	bis(2-Ethylhexyl) Phthalate	250	96.0	250 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	bis(2-Ethylhexyl) Phthalate	50.0	33.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Dibenzofuran	50.0	8.6	8.6 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	bis(2-Ethylhexyl) Phthalate	51.0	32.0	51.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Dibenzofuran	51.0	11.0	11.0 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Benzo(b)fluoranthene	33.0	21.0	21.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	2-Methylnaphthalene	34.0	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Anthracene	34.0	22.0	22.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Benzo(k)fluoranthene	34.0	26.0	26.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Naphthalene	34.0	20.0	20.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	n-Nitrosodi-n-propylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	2,4-Dinitrophenol	1600	1600	1600 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	2-Methylphenol (o-Cresol)	1000	1000	1000 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	4,6-Dinitro-2-Methylphenol	750	750	750 UJ		UG/KG	M/D
SW8270C/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	4-Chloroaniline	750	750	750 J		UG/KG	I
SW8270C/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	4-Nitrophenol	1600	1600	1600 J		UG/KG	I
SW8270C/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Benzoic acid	3300	3300	3300 R		UG/KG	M
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	bis(2-Ethylhexyl) Phthalate	51.0	34.0	51.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Dibenzofuran	51.0	6.3	6.3 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Fluorene	6.7	6.2	6.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	bis(2-Ethylhexyl) Phthalate	51.0	44.0	51.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Dibenzofuran	51.0	12.0	12.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Isophorone	51.0	14.0	14.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	n-Nitrosodi-n-propylamine	51.0	51.0	51.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Benzo(b)fluoranthene	6.7	6.5	6.5 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	bis(2-Ethylhexyl) Phthalate	52.0	52.0	52.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	n-Nitrosodi-n-propylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	2-Methylnaphthalene	33.0	20.0	20.0 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Dibenzofuran	250	25.0	25.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Fluorene	33.0	29.0	29.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	n-Nitrosodi-n-propylamine	250	250	250 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	3,3'-Dichlorobenzidine	99.0	99.0	99.0 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	bis(2-Ethylhexyl) Phthalate	50.0	32.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	n-Nitrosodi-n-propylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	2-Methylnaphthalene	6.7	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	3,3'-Dichlorobenzidine	100	100	100 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Benzo(a)anthracene	6.7	6.0	6.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Benzo(b)fluoranthene	6.7	4.7	4.7 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	bis(2-Ethylhexyl) Phthalate	50.0	45.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Chrysene	6.7	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Isophorone	50.0	14.0	14.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	n-Nitrosodi-n-propylamine	50.0	50.0	50.0 UJ		UG/KG	J
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	3,3'-Dichlorobenzidine	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Acenaphthene	33.0	27.0	27.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	bis(2-Ethylhexyl) Phthalate	250	95.0	250 U	+	UG/KG	L
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Dibenzofuran	250	29.0	29.0 J		UG/KG	TR
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Naphthalene	33.0	23.0	23.0 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	C10-C20 Diesel Range Organics	17.0	30.0	30.0	MG/KG	
M8015D/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	C10-C20 Diesel Range Organics	170	730	730	MG/KG	
M8015D/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	C10-C20 Diesel Range Organics	17.0	37.0	37.0	MG/KG	
M8015D/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	C10-C20 Diesel Range Organics	1600	3300	3300	MG/KG	
M8015D/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	C10-C20 Diesel Range Organics	17.0	26.0	26.0	MG/KG	
M8015D/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	C10-C20 Diesel Range Organics	16.0	37.0	37.0	MG/KG	
M8015D/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	C10-C20 Diesel Range Organics	17.0	30.0	30.0	MG/KG	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Petroleum Hydrocarbons C6-C12	50000	160000	160000	UG/KG	
M8015V/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Petroleum Hydrocarbons C6-C12	99.0	140	140	UG/KG	
M8015V/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Petroleum Hydrocarbons C6-C12	49000	190000	190000	UG/KG	
M8015V/NONE	WG	070SB-0018M-0001-TB	240-17768-8	N	Petroleum Hydrocarbons C6-C12	100	49.0	49.0 J -	UG/L	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Mercury	0.10	0.037	0.037 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Mercury	0.10	0.040	0.040 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Mercury	0.10	0.042	0.042 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Mercury	0.11	0.041	0.041 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Mercury	0.091	0.031	0.031 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Mercury	0.095	0.032	0.032 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0036M-0001-SO	240-17768-23	N	Mercury	0.097	0.022	0.022 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Mercury	0.092	0.038	0.038 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Mercury	0.094	0.022	0.022 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Mercury	0.10	0.036	0.036 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Mercury	0.10	0.027	0.027 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Mercury	0.087	0.039	0.039 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Mercury	0.097	0.039	0.039 J	MG/KG	TR
SW7471A/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Mercury	0.11	0.036	0.036 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Methylene Chloride	5.4	0.91	0.91 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Toluene	480	63.0	63.0 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Ethylbenzene	480	790	790 J -	UG/KG	I
SW8260B/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Xylenes, Total	970	2600	2600 J -	UG/KG	I
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Carbon Disulfide	5.2	3.1	3.1 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Methylene Chloride	5.2	2.2	2.2 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Toluene	230	26.0	26.0 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Ethylbenzene	230	350	350 J -	UG/KG	I
SW8260B/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Xylenes, Total	460	1200	1200 J -	UG/KG	I
SW8260B/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	Methylene Chloride	5.1	2.5	2.5 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0016M-0001-SO	240-17768-6	N	Carbon Disulfide	5.6	3.6	3.6 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0017M-0001-SO	240-17768-7	N	Carbon Disulfide	6.1	3.6	3.6 J -	UG/KG	I/TR
SW8260B/NONE	WG	070SB-0018M-0001-TB	240-17768-8	N	Methylene Chloride	1.0	0.84	0.80 J	UG/L	
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Acetone	19.0	33.0	33.0 J -	UG/KG	I
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Carbon Disulfide	4.8	2.9	2.9 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	2-Butanone (MEK)	19.0	5.3	5.3 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Acetone	29.0	67.0	67.0 J -	UG/KG	I
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Toluene	7.4	0.49	0.49 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Carbon Disulfide	7.4	4.3	4.3 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	2-Butanone (MEK)	29.0	13.0	13.0 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Methylene Chloride	7.4	11.0	11.0 J -	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Acetone	19.0	28.0	28.0 J -	UG/KG	I
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Carbon Disulfide	4.8	2.8	2.8 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	2-Butanone (MEK)	19.0	3.9	3.9 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Acetone	18.0	22.0	22.0 J -	UG/KG	I
SW8260B/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	2-Butanone (MEK)	18.0	3.2	3.2 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Methylene Chloride	300	98.0	98.0 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Acetone	18.0	19.0	19.0 J -	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Carbon Disulfide	4.5	2.7	2.7 J -	UG/KG	I/TR/V2
SW8260B/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	2-Butanone (MEK)	18.0	2.3	2.3 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Acetone	23.0	89.0	89.0 J -	UG/KG	I
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Carbon Disulfide	5.8	3.6	3.6 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	2-Butanone (MEK)	23.0	19.0	19.0 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Methylene Chloride	4.7	0.68	0.68 J -	UG/KG	I/TR
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Acetone	21.0	20.0	20.0 J	UG/KG	I/TR/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Toluene	5.4	0.40	0.40 J	UG/KG	I/TR/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Methylene Chloride	5.4	11.0	11.0 J	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Acetone	21.0	14.0	14.0 J	UG/KG	I/TR/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Methylene Chloride	5.3	1.1	1.1 J	UG/KG	I/TR/S
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Acetone	22.0	37.0	37.0 J -	UG/KG	I
SW8260B/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	2-Butanone (MEK)	22.0	3.2	3.2 J -	UG/KG	I/TR
SW8260B/NONE	WG	076SB-0044M-0001-TB	240-17768-16	N	Methylene Chloride	1.0	0.80	0.84 J	UG/L	

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Fluoranthene	27.0	15.0	15.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	2-Methylnaphthalene	27.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Phenanthrene	27.0	29.0	29.0	UG/KG	
SW8270C/NONE	SO	070SB-0011M-0001-SO	240-17768-1	N	Pyrene	27.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Acenaphthene	130	860	860	UG/KG	
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Benzo(a)anthracene	130	360	360	UG/KG	
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Benzo(a)pyrene	130	320	320	UG/KG	
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Benzo(g,h,i)perylene	130	140	140	UG/KG	
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Chrysene	130	310	310	UG/KG	
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Dibenzofuran	1000	470	470 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Fluorene	130	1400	1400	UG/KG	
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Fluoranthene	130	380	380	UG/KG	
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	2-Methylnaphthalene	130	3000	3000	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Naphthalene	130	180	180	UG/KG	
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Phenanthrene	130	2400	2400	UG/KG	
SW8270C/NONE	SO	070SB-0012M-0001-SO	240-17768-2	N	Pyrene	130	2200	2200	UG/KG	
SW8270C/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Benzo(a)pyrene	34.0	62.0	62.0	UG/KG	
SW8270C/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Benzo(g,h,i)perylene	34.0	45.0	45.0	UG/KG	
SW8270C/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Fluoranthene	34.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Phenanthrene	34.0	36.0	36.0	UG/KG	
SW8270C/NONE	SO	070SB-0013M-0001-SO	240-17768-3	N	Pyrene	34.0	28.0	28.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Acenaphthene	130	3800	3800	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Anthracene	130	590	590	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Benzo(a)anthracene	130	1400	1400	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Benzo(a)pyrene	130	730	730	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Benzo(b)fluoranthene	130	310	310	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Benzo(g,h,i)perylene	130	580	580	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Chrysene	130	1600	1600	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Dibenzofuran	990	2300	2300	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Fluorene	130	6300	6300	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Fluoranthene	130	1500	1500	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	2-Methylnaphthalene	130	15000	15000	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Naphthalene	130	840	840	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Phenanthrene	130	9800	9800	UG/KG	
SW8270C/NONE	SO	070SB-0014M-0001-SO	240-17768-4	N	Pyrene	130	9200	9200	UG/KG	
SW8270C/NONE	SO	070SB-0015M-0001-SO	240-17768-5	N	2-Methylnaphthalene	34.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Anthracene	33.0	24.0	24.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Benzo(a)anthracene	33.0	53.0	53.0	UG/KG	
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Benzo(a)pyrene	33.0	85.0	85.0	UG/KG	
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Benzo(b)fluoranthene	33.0	68.0	68.0	UG/KG	
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Benzo(g,h,i)perylene	33.0	41.0	41.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Benzo(k)fluoranthene	33.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Chrysene	33.0	63.0	63.0	UG/KG	
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Fluoranthene	33.0	150	150	UG/KG	
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Indeno(1,2,3-c,d)pyrene	33.0	53.0	53.0	UG/KG	
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	2-Methylnaphthalene	33.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Naphthalene	33.0	30.0	30.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Phenanthrene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	076SB-0030M-0001-SO	240-17768-17	N	Pyrene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Benzo(a)anthracene	33.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Benzo(a)pyrene	33.0	64.0	64.0	UG/KG	
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Benzo(b)fluoranthene	33.0	45.0	45.0	UG/KG	
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Benzo(g,h,i)perylene	33.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Benzo(k)fluoranthene	33.0	18.0	18.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Chrysene	33.0	36.0	36.0	UG/KG	
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Fluoranthene	33.0	68.0	68.0	UG/KG	
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Indeno(1,2,3-c,d)pyrene	33.0	49.0	49.0	UG/KG	
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Phenanthrene	33.0	81.0	81.0	UG/KG	
SW8270C/NONE	SO	076SB-0031M-0001-SO	240-17768-18	N	Pyrene	33.0	61.0	61.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Anthracene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Benzo(a)anthracene	6.7	26.0	26.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Benzo(a)pyrene	6.7	30.0	30.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Benzo(b)fluoranthene	6.7	27.0	27.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Benzo(g,h,i)perylene	6.7	13.0	13.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Benzo(k)fluoranthene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Chrysene	6.7	27.0	27.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Dibenzofuran	50.0	8.6	8.6 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Fluorene	6.7	7.1	7.1	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Fluoranthene	6.7	64.0	64.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Indeno(1,2,3-c,d)pyrene	6.7	18.0	18.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	2-Methylnaphthalene	6.7	23.0	23.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Naphthalene	6.7	20.0	20.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Phenanthrene	6.7	56.0	56.0	UG/KG	
SW8270C/NONE	SO	076SB-0032M-0001-SO	240-17768-19	N	Pyrene	6.7	48.0	48.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Benzo(a)anthracene	6.8	11.0	11.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Benzo(a)pyrene	6.8	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Benzo(b)fluoranthene	6.8	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Benzo(g,h,i)perylene	6.8	7.9	7.9	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Benzo(k)fluoranthene	6.8	10.0	10.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Chrysene	6.8	13.0	13.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Dibenzofuran	51.0	11.0	11.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Fluoranthene	6.8	23.0	23.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Indeno(1,2,3-c,d)pyrene	6.8	10.0	10.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	2-Methylnaphthalene	6.8	54.0	54.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Naphthalene	6.8	48.0	48.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Phenanthrene	6.8	23.0	23.0	UG/KG	
SW8270C/NONE	SO	076SB-0033M-0001-SO	240-17768-20	N	Pyrene	6.8	18.0	18.0	UG/KG	
SW8270C/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Benzo(a)pyrene	33.0	55.0	55.0	UG/KG	
SW8270C/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Benzo(b)fluoranthene	33.0	21.0	21.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Fluorene	33.0	59.0	59.0	UG/KG	
SW8270C/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Fluoranthene	33.0	56.0	56.0	UG/KG	
SW8270C/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	2-Methylnaphthalene	33.0	43.0	43.0	UG/KG	
SW8270C/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Naphthalene	33.0	42.0	42.0	UG/KG	
SW8270C/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Phenanthrene	33.0	200	200	UG/KG	
SW8270C/NONE	SO	076SB-0034M-0001-SO	240-17768-21	N	Pyrene	33.0	57.0	57.0	UG/KG	
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Anthracene	34.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Benzo(a)anthracene	34.0	72.0	72.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Benzo(a)pyrene	34.0	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Benzo(b)fluoranthene	34.0	130	130	UG/KG	
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Benzo(g,h,i)perylene	34.0	59.0	59.0	UG/KG	
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Benzo(k)fluoranthene	34.0	26.0	26.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Chrysene	34.0	88.0	88.0	UG/KG	
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Fluoranthene	34.0	190	190	UG/KG	
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Indeno(1,2,3-c,d)pyrene	34.0	70.0	70.0	UG/KG	
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	2-Methylnaphthalene	34.0	22.0	22.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Naphthalene	34.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Phenanthrene	34.0	120	120	UG/KG	
SW8270C/NONE	SO	076SB-0035M-0001-SO	240-17768-22	N	Pyrene	34.0	130	130	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Anthracene	6.7	8.7	8.7	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Benzo(a)anthracene	6.7	23.0	23.0	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Benzo(a)pyrene	6.7	27.0	27.0	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Benzo(b)fluoranthene	6.7	29.0	29.0	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Benzo(g,h,i)perylene	6.7	13.0	13.0	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Benzo(k)fluoranthene	6.7	7.7	7.7	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Chrysene	6.7	21.0	21.0	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Dibenzofuran	51.0	6.3	6.3 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Fluorene	6.7	6.2	6.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Fluoranthene	6.7	53.0	53.0	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Indeno(1,2,3-c,d)pyrene	6.7	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	2-Methylnaphthalene	6.7	9.4	9.4	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Naphthalene	6.7	10.0	10.0	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Phenanthrene	6.7	45.0	45.0	UG/KG	
SW8270C/NONE	SO	076SB-0037M-0001-SO	240-17768-9	N	Pyrene	6.7	38.0	38.0	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Acenaphthene	6.8	7.6	7.6	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Anthracene	6.8	30.0	30.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Benzo(a)anthracene	6.8	86.0	86.0	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Benzo(a)pyrene	6.8	81.0	81.0	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Benzo(b)fluoranthene	6.8	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Benzo(g,h,i)perylene	6.8	52.0	52.0	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Benzo(k)fluoranthene	6.8	35.0	35.0	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Chrysene	6.8	94.0	94.0	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Dibenz(a,h)anthracene	6.8	19.0	19.0	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Dibenzofuran	51.0	12.0	12.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Fluorene	6.8	11.0	11.0	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Fluoranthene	6.8	220	220	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Indeno(1,2,3-c,d)pyrene	6.8	50.0	50.0	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Isophorone	51.0	14.0	14.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	2-Methylnaphthalene	6.8	9.4	9.4	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Naphthalene	6.8	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Phenanthrene	6.8	160	160	UG/KG	
SW8270C/NONE	SO	076SB-0038M-0001-SO	240-17768-10	N	Pyrene	6.8	170	170	UG/KG	
SW8270C/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Benzo(a)pyrene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Benzo(b)fluoranthene	6.7	6.5	6.5 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Fluoranthene	6.7	11.0	11.0	UG/KG	
SW8270C/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	2-Methylnaphthalene	6.7	6.9	6.9	UG/KG	
SW8270C/NONE	SO	076SB-0039M-0001-SO	240-17768-11	N	Pyrene	6.7	8.8	8.8	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Anthracene	33.0	44.0	44.0	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Benzo(a)anthracene	33.0	96.0	96.0	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Benzo(a)pyrene	33.0	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Benzo(b)fluoranthene	33.0	100	100	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Benzo(g,h,i)perylene	33.0	50.0	50.0	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Benzo(k)fluoranthene	33.0	34.0	34.0	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Chrysene	33.0	87.0	87.0	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Dibenzofuran	250	25.0	25.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Fluorene	33.0	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Fluoranthene	33.0	220	220	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Indeno(1,2,3-c,d)pyrene	33.0	73.0	73.0	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	2-Methylnaphthalene	33.0	20.0	20.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Naphthalene	33.0	34.0	34.0	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Phenanthrene	33.0	230	230	UG/KG	
SW8270C/NONE	SO	076SB-0040M-0001-SO	240-17768-12	N	Pyrene	33.0	180	180	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Benzo(a)anthracene	6.6	16.0	16.0	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Benzo(a)pyrene	6.6	20.0	20.0	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Benzo(b)fluoranthene	6.6	19.0	19.0	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Benzo(g,h,i)perylene	6.6	10.0	10.0	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Benzo(k)fluoranthene	6.6	7.5	7.5	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Chrysene	6.6	17.0	17.0	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Fluoranthene	6.6	30.0	30.0	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Indeno(1,2,3-c,d)pyrene	6.6	14.0	14.0	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	2-Methylnaphthalene	6.6	7.8	7.8	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Naphthalene	6.6	8.2	8.2	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Phenanthrene	6.6	17.0	17.0	UG/KG	
SW8270C/NONE	SO	076SB-0041M-0001-SO	240-17768-13	N	Pyrene	6.6	24.0	24.0	UG/KG	
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Benzo(a)anthracene	6.7	6.0	6.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Benzo(a)pyrene	6.7	11.0	11.0	UG/KG	
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Benzo(b)fluoranthene	6.7	4.7	4.7 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Chrysene	6.7	5.0	5.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Fluoranthene	6.7	9.4	9.4	UG/KG	
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Isophorone	50.0	14.0	14.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	2-Methylnaphthalene	6.7	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Phenanthrene	6.7	7.5	7.5	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	076SB-0042M-0001-SO	240-17768-14	N	Pyrene	6.7	7.2	7.2	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Acenaphthene	33.0	27.0	27.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Anthracene	33.0	99.0	99.0	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Benzo(a)anthracene	33.0	240	240	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Benzo(a)pyrene	33.0	220	220	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Benzo(b)fluoranthene	33.0	280	280	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Benzo(g,h,i)perylene	33.0	110	110	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Benzo(k)fluoranthene	33.0	84.0	84.0	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Chrysene	33.0	210	210	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Dibenz(a,h)anthracene	33.0	82.0	82.0	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Dibenzofuran	250	29.0	29.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Fluorene	33.0	34.0	34.0	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Fluoranthene	33.0	620	620	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Indeno(1,2,3-c,d)pyrene	33.0	120	120	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Naphthalene	33.0	23.0	23.0 J	UG/KG	TR
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Phenanthrene	33.0	470	470	UG/KG	
SW8270C/NONE	SO	076SB-0043M-0001-SO	240-17768-15	N	Pyrene	33.0	450	450	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SB-0011M-0001-SO	N	4,6-Dinitro-2-Methylphenol	600	600	R	UG/KG	M
SW8270C/NONE	SO	070SB-0011M-0001-SO	N	2,4-Dinitrophenol	1300	1300	R	UG/KG	M
SW8270C/NONE	SO	070SB-0016M-0001-SO	N	4-Chloroaniline	1500	1500	R	UG/KG	M
SW8270C/NONE	SO	076SB-0036M-0001-SO	N	Benzoic acid	3300	3300	R	UG/KG	M

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Bromodichloromethane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Bromochloromethane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Bromomethane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Benzene	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Carbon Disulfide	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Chlorobenzene	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Chloroethane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Chloromethane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Carbon Tetrachloride	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Dibromochloromethane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	1,1-Dichloroethane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	1,2-Dichloroethane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	1,1-Dichloroethene	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	1,2-Dichloroethene	11.0	11.0	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	cis-1,3-Dichloropropene	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	trans-1,3-Dichloropropene	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	1,2-Dichloropropane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Ethylbenzene	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	1,2-Dibromoethane (EDB)	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	2-Hexanone	21.0	21.0	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	2-Butanone (MEK)	21.0	21.0	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	4-Methyl-2-pentanone (MIBK)	21.0	21.0	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	1,1,2,2-Tetrachloroethane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Tetrachloroethene (PCE)	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Styrene	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Bromoform	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	tert-Butyl Methyl Ether (MTBE)	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	1,1,1-Trichloroethane	5.4	5.4	R	UG/KG	I/S

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	1,1,2-Trichloroethane	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Trichloroethene (TCE)	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Chloroform	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Vinyl Chloride	5.4	5.4	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0039M-0001-SO	N	Xylenes, Total	11.0	11.0	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Bromodichloromethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Bromochloromethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Bromomethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Benzene	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Toluene	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Carbon Disulfide	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Chlorobenzene	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Chloroethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Chloromethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Carbon Tetrachloride	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Dibromochloromethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	1,1-Dichloroethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	1,2-Dichloroethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	1,1-Dichloroethene	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	1,2-Dichloroethene	11.0	11.0	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	cis-1,3-Dichloropropene	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	trans-1,3-Dichloropropene	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	1,2-Dichloropropane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Ethylbenzene	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	1,2-Dibromoethane (EDB)	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	2-Hexanone	21.0	21.0	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	2-Butanone (MEK)	21.0	21.0	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	4-Methyl-2-pentanone (MIBK)	21.0	21.0	R	UG/KG	I/S

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	1,1,2,2-Tetrachloroethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Tetrachloroethene (PCE)	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Styrene	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Bromoform	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	tert-Butyl Methyl Ether (MTBE)	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	1,1,1-Trichloroethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	1,1,2-Trichloroethane	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Trichloroethene (TCE)	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Chloroform	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Vinyl Chloride	5.3	5.3	R	UG/KG	I/S
SW8260B/NONE	SO	076SB-0042M-0001-SO	N	Xylenes, Total	11.0	11.0	R	UG/KG	I/S

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Anomalies Count

SDG Name: 240-17768-1_(70-76-SB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
M8015D/SW3540C/NONE	2	2
M8015V/SW3550B/NONE	5	5
SW7471A/TOTAL/NONE	2	2
SW8082/SW3540C/NONE	7	49
SW8260B/SW5030B/NONE	2	2
SW8270C/SW3550/NONE	21	448

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

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Worksheet

SDG Name: 240-17768-1_(70-76-SB)

Method: M8015D				
Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?	Y			
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			NA	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	Y			
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?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Method: M8015V

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Yes			
Were samples preserved properly and received in good condition?	Yes			
Were sample receipt temperatures met?	Yes			
Were holding times for prep and analysis met?	Yes	–calendar days		
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Yes			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Yes			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Yes			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Yes			
Was the CCV a mid-level standard from the initial calibration curve?	Yes			
Was the CCV %D within criteria (%D =20%)?	Yes			
Was a method blank prepared and analyzed with each batch?	Yes			
Were target analytes detected in the method blank above the MDL?	Yes			
Was a field blank (equipment or trip) collected and analyzed?	Yes			
Were target analytes reported in the field blank analyses above the MDL?	Yes		49 ug/L TPH	tripblank
Were surrogate recoveries within QAPP acceptance limits?	Yes			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Yes			
Were the LCS recoveries within QAPP acceptance limits?	Yes			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)	Yes			
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?	Yes		Not reported in this SDG	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			NA	
Were all QAPP-specified target analytes reported?	Yes			
Were reported sample concentrations within calibration range?	Yes			
Are all samples associated with QC non-compliances flagged appropriately?	Yes			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Yes			

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Have all Laboratory Case Narrative comments/findings been addressed in the data review process? Yes

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?			•	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: SW8082

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?	Y			
Were holding times for prep and analysis met?	Y	calendar days		
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?	Y			
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			NA	
Were surrogate recoveries within QAPP acceptance limits?		N	#10>UCL	
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Were the LCS/LCSD RPDs within QAPP acceptance limits? (if applicable)			NA	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits (RPD = 30%) ?				
Were the Breakdown products within QAPP acceptance limits?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?		N		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?			NA	
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Were RPDs between primary and confirmation columns < 40%?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

ar 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?	Yes			
Were samples preserved properly and received in good condition?	Yes			
Were holding times met?	Yes			
Were sample receipt temperatures met?	Yes			
Were QAPP specified PQLs achieved?	Yes			
Were all QAPP-specified target analytes reported?	Yes			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Yes			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Yes			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?			NA	GC/MS A3UX10 (11/12/2012) and A3UX14 (11/23/2012)
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Yes			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Yes			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Yes			
If a linear regression curve was used, was the correlation coefficient within criteria?	Yes			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Yes			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Yes			
Was the CCV a mid-level standard from the initial calibration curve?			NA	
Did the CCCs have a %Difference within QAPP acceptance limits?		No		Carbon Disulfide>UCL
Were the average RFs for the SPCCs within QAPP acceptance limits?	Yes			
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Yes			
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Yes			
Were the retention times for all IS compounds within QAPP acceptance limits?	Yes			
Are the area counts of all IS compounds within QAPP acceptance limits?		No	#11 AND #14 <LCL for all IS's due to matrix	
Was a method blank prepared and analyzed with each batch?	Yes			
Were target analytes detected in the method blank above the MDL?	Yes			

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Yes	
Were target analytes reported in the field blank analyses above the MDL?	Yes	Trip blank 0.8 and 0.84 MeCl
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?		
Was an LCS/LCSD pair prepared and analyzed with each batch?	Yes	
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Yes	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		NA
Are all samples associated with QC non-compliances flagged appropriately?	Yes	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Yes	
Was a MS/MSD pair prepared with each batch?		NA* Not site specific
Is the MS/MSD parent sample the one designated by the sampling team?	No	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		*
Were surrogate recoveries within QAPP acceptance limits?	No	Low for #14 and #11 due to matrix
Were reported sample concentrations within calibration range?	No	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Yes	
MRL checks in limits?	No	>130% for MeCl, BF, and Acetone but all VOC detects >2X MRL

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?	Yes			
Were samples preserved properly and received in good condition?	Yes			
Were holding times met?	Yes			
Were sample receipt temperatures met?	Yes			
Were QAPP specified PQLs achieved?	Yes			
Were all QAPP-specified target analytes reported?	Yes			
Was the GC/MS system tuned with DFTPP?	Yes			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Yes			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Yes			

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Yes		
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Yes		
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Yes		
If a linear regression curve was used, was the correlation coefficient within criteria?	Yes		
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Yes		
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Yes		
Did the CCCs have a %Difference within QAPP acceptance limits?	Yes		
Were the average RFs for the SPCCs within QAPP acceptance limits?	Yes		
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Yes		
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Yes		
Were the retention times for all IS compounds within QAPP acceptance limits?	Yes		
Are the area counts of all IS compounds within QAPP acceptance limits?	Yes		
Was a method blank prepared and analyzed with each batch?	Yes		
Were target analytes detected in the method blank above the MDL?	Yes – 2-BEHP		
Was a field blank (equipment or trip) collected and analyzed at the required frequency?		NA	
Were target analytes reported in the field blank analyses above the MDL?		NA	
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?			
Was an LCS/LCSD pair prepared and analyzed with each batch?	Yes		
Were the LCS/LCSD recoveries within QAPP acceptance limits?		No – benzoic acid = ND	
Were the LCS/LCSD RPDs within QAPP acceptance limits?		NA	
Was the duplicate RPD within QAPP acceptance limits?			
Are all samples associated with QC non-compliances flagged appropriately?	Yes		
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Yes		
Was a MS/MSD pair prepared with each batch?	Yes		
Is the MS/MSD parent sample the one designated by the sampling team?	Yes		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	No	Select SVOCs rejected due to zero % R. Dilution impacted MS	
Were surrogate recoveries within QAPP acceptance limits?	No	Surrogate diluted out in #14	

AUTOMATED DATA REVIEW SUMMARY for 240-17768-1_(70-76-SB)

Were reported sample concentrations within calibration range?

Yes with dilution
as needed

Have all Laboratory Case Narrative comments/findings been addressed in the data review process?

Yes

MRL checks

No <LCL for n-nitrodiphenylamine

WORKSHEET 6

Automated Data Review Summary for 240-18581-1

This page intentionally left blank.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

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 Corp., Otis Ang Base, MA

Data Review Contractor: ECC

SDG: 240-18581-1_(70-72-SB), Certified - 1/8/2013 by MarliciaJauregui

QC Level: ADR

Project Manager:

Data Reviewer: Veronica Champagne

Data Reviewer Title: Senior QA Chemist

Date of Review Report: January 11, 2013

Samples Included in SDG 240-18581-1_(70-72-SB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	3		0	
M8015D/NONE	10		1	
M8015V/NONE	9		1	
SW6020/NONE	19		1	
SW7471A/NONE	19		1	
SW8081/NONE	3		0	
SW8082/NONE	10		1	
SW8151/NONE	1		1	
SW8260B/NONE	12	2	1	0
SW8270C/NONE	19		3	
SW8330B/NONE	3		0	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-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 Corp., Otis Ang Base, MA; analyses were performed by TestAmerica, Inc., North Canton, OH and were reported under sample delivery group (SDG) 240-18581-1_(70-72-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
- 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
- Field Blank
- Initial Calibration Verification
- Lab Replicate RPD

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Material Blank

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-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 377 results (19.13%) out of the 1971 results (sample and field QC samples) reported are qualified based on review and 23 results (1.17%) 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	
M8015V	
SW6020	
SW7471A	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8081	
SW8082	
SW8151	
SW8260B	
SW8270C	
SW8330B	

11-Jan-2013

Reviewed by Veronica Champagne, Senior QA Chemist

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Reason and Comment Code Definitions

Reasons		
Code	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
O		ICS
P		Sample preservation/collection requirement not met.
P1		Column RPD

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

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 Linear Calibration Range
S	Internal standard
T	Trip Blank
T1	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 degrees C.
y	Cooler temperature greater than 4 degrees C, but less than 10 degrees C.
Y1	False Positive
Y2	Data rejected due to radiological anomalies
Z	LCS RPD
Z2	Analyte not confirmed on second column

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 240-18581-1_(70-72-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
8137	7638	NA	LABQC	SQ	LABQC	MB 320-7571/1-B		1/1	20-Dec-2012 8:01 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:16 PM	LB
	7638	NA	LABQC	SQ	LABQC	LCS 320-7571/2-B		1/1	20-Dec-2012 8:01 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:18 PM	BS
	7638	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	20-Dec-2012 8:01 AM	20-Dec-2012 1:10 PM	N
	7638	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	20-Dec-2012 8:01 AM	20-Dec-2012 1:12 PM	N
	7638	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	20-Dec-2012 8:01 AM	20-Dec-2012 1:14 PM	N
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
69606	69404	NA	LABQC	SQ	LABQC	MB 240-69404/17-A		1/1	19-Dec-2012 11:57 AM	19-Dec-2012 11:57 AM	21-Dec-2012 2:36 AM	LB
	69404	NA	LABQC	SQ	LABQC	LCS 240-69404/18-A		1/1	19-Dec-2012 11:57 AM	19-Dec-2012 11:57 AM	21-Dec-2012 3:06 AM	BS
	69404	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7		1/1	07-Dec-2012 1:04 PM	19-Dec-2012 11:57 AM	21-Dec-2012 5:06 AM	N
	69404	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8		1/1	07-Dec-2012 1:25 PM	19-Dec-2012 11:57 AM	21-Dec-2012 5:36 AM	N
	69404	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9		1/1	07-Dec-2012 1:35 PM	19-Dec-2012 11:57 AM	21-Dec-2012 6:07 AM	N
	69404	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10		1/1	07-Dec-2012 1:37 PM	19-Dec-2012 11:57 AM	21-Dec-2012 6:36 AM	N
	69404	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11		1/1	07-Dec-2012 1:45 PM	19-Dec-2012 11:57 AM	21-Dec-2012 7:07 AM	N
	69404	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13		1/1	07-Dec-2012 2:20 PM	19-Dec-2012 11:57 AM	21-Dec-2012 8:06 AM	N
	69404	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14		1/1	07-Dec-2012 2:40 PM	19-Dec-2012 11:57 AM	21-Dec-2012 8:36 AM	N
	69404	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15		1/1	07-Dec-2012 2:55 PM	19-Dec-2012 11:57 AM	21-Dec-2012 9:06 AM	N
	69404	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16		1/1	07-Dec-2012 3:05 PM	19-Dec-2012 11:57 AM	21-Dec-2012 11:40 AM	N
70013	69404	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/10	07-Dec-2012 11:45 AM	19-Dec-2012 11:57 AM	24-Dec-2012 2:46 PM	N
	69404	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/10	07-Dec-2012 11:45 AM	19-Dec-2012 11:57 AM	24-Dec-2012 3:16 PM	MS

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

	69404	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	19-Dec-2012 11:57 AM	24-Dec-2012 3:46 PM	SD
70006	69794	NA	LABQC	SQ	LABQC	MB 240-69794/6-A		1/1	21-Dec-2012 11:38 AM	21-Dec-2012 11:38 AM	25-Dec-2012 1:37 AM	LB
	69794	NA	LABQC	SQ	LABQC	LCS 240-69794/7-A		1/1	21-Dec-2012 11:38 AM	21-Dec-2012 11:38 AM	25-Dec-2012 2:16 AM	BS
	69794	NA	70-4744-DU1-SB6	SO	070SB-0043M-0001-SO	240-18581-2		1/5	07-Dec-2012 11:45 AM	21-Dec-2012 11:38 AM	25-Dec-2012 2:55 AM	FD
	69794	NA	70-4744-DU1-SB6	SO	070SB-0043M-0001-SO	240-18581-2		1/5	07-Dec-2012 11:45 AM	21-Dec-2012 11:38 AM	25-Dec-2012 3:34 AM	FD

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
69540	NA	NA	LABQC	SQ	LABQC	MB 240-69540/24		1/1	21-Dec-2012 12:32 AM		21-Dec-2012 12:32 AM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-69540/25		1/1	21-Dec-2012 1:10 AM		21-Dec-2012 1:10 AM	BS
	69633	NA	70-4744-DU1-SB6	SO	070SB-0043M-0001-SO	240-18581-2		1/1	07-Dec-2012 11:45 AM	08-Dec-2012 5:30 PM	21-Dec-2012 1:48 AM	FD
	69633	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7		1/1	07-Dec-2012 1:04 PM	08-Dec-2012 5:30 PM	21-Dec-2012 2:26 AM	N
	69633	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8		1/1	07-Dec-2012 1:25 PM	08-Dec-2012 5:30 PM	21-Dec-2012 3:04 AM	N
	69633	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9		1/1	07-Dec-2012 1:35 PM	08-Dec-2012 5:30 PM	21-Dec-2012 3:42 AM	N
	69633	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10		1/1	07-Dec-2012 1:37 PM	08-Dec-2012 5:30 PM	21-Dec-2012 4:20 AM	N
	69633	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11		1/1	07-Dec-2012 1:45 PM	08-Dec-2012 5:30 PM	21-Dec-2012 4:58 AM	N
	69633	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13		1/1	07-Dec-2012 2:20 PM	08-Dec-2012 5:30 PM	21-Dec-2012 5:36 AM	N
	69633	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14		1/1	07-Dec-2012 2:40 PM	08-Dec-2012 5:30 PM	21-Dec-2012 6:51 AM	N
	69633	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15		1/1	07-Dec-2012 2:55 PM	08-Dec-2012 5:30 PM	21-Dec-2012 7:29 AM	N
	69633	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16		1/1	07-Dec-2012 3:05 PM	08-Dec-2012 5:30 PM	21-Dec-2012 8:07 AM	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
59694	59183	NA	LABQC	SQ	LABQC	MB 180-59183/1-A		1/1	17-Dec-2012 12:42 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:33 PM	LB
	59183	NA	LABQC	SQ	LABQC	LCS 180-59183/2-A		1/1	17-Dec-2012 12:42 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:37 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

59183	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7	1/1	07-Dec-2012 1:04 PM	17-Dec-2012 12:42 PM	29-Dec-2012 12:57 AM	N
59183	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8	1/1	07-Dec-2012 1:25 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:01 AM	N
59183	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9	1/1	07-Dec-2012 1:35 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:06 AM	N
59183	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10	1/1	07-Dec-2012 1:37 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:10 AM	N
59183	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11	1/1	07-Dec-2012 1:45 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:30 AM	N
59183	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13	1/1	07-Dec-2012 2:20 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:34 AM	N
59183	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14	1/1	07-Dec-2012 2:40 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:38 AM	N
59183	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15	1/1	07-Dec-2012 2:55 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:43 AM	N
59183	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16	1/1	07-Dec-2012 3:05 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:47 AM	N
59314	NA	LABQC	SQ	LABQC	MB 180-59314/1-A	1/1	24-Dec-2012 11:01 AM	24-Dec-2012 11:01 AM	29-Dec-2012 1:59 AM	LB
59314	NA	LABQC	SQ	LABQC	LCS 180-59314/2-A	1/1	24-Dec-2012 11:01 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:03 AM	BS
59314	NA	LABQC	SQ	LABQC	LCSD 180-59314/3-A	1/1	24-Dec-2012 11:01 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:08 AM	BD
59314	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1	1/1	07-Dec-2012 11:45 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:32 AM	N
59314	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3	1/1	07-Dec-2012 11:15 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:36 AM	N
59314	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5	1/1	07-Dec-2012 10:50 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:45 AM	N
59314	NA	70-4740-DU3-SB6	SO	070SB-0047M-0001-SO	240-18581-6	1/1	07-Dec-2012 10:50 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:49 AM	FD
59314	NA	70-4740-DU3-SS	SO	070SS-0048M-0001-SO	240-18581-17	1/1	07-Dec-2012 10:22 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:53 AM	N
59314	NA	70-4740-DU4-SB	SO	070SB-0049M-0001-SO	240-18581-18	1/1	07-Dec-2012 10:23 AM	24-Dec-2012 11:01 AM	29-Dec-2012 2:58 AM	N
59314	NA	70-4740-DU4-SB1	SO	070SB-0050M-0001-SO	240-18581-19	1/1	07-Dec-2012 9:25 AM	24-Dec-2012 11:01 AM	29-Dec-2012 3:02 AM	N
59314	NA	70-4740-DU4-SB2	SO	070SB-0051M-0001-SO	240-18581-20	1/1	07-Dec-2012 9:45 AM	24-Dec-2012 11:01 AM	29-Dec-2012 3:06 AM	N
59314	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21	1/1	07-Dec-2012 10:00 AM	24-Dec-2012 11:01 AM	29-Dec-2012 3:11 AM	N
59314	NA	70-4740-DU4-SB4	SO	070SB-0053M-0001-SO	240-18581-22	1/1	07-Dec-2012 10:18 AM	24-Dec-2012 11:01 AM	29-Dec-2012 3:33 AM	N
59314	NA	70-4740-DU4-SB5	SO	070SB-0054M-0001-SO	240-18581-23	1/1	07-Dec-2012 10:25 AM	24-Dec-2012 11:01 AM	29-Dec-2012 3:37 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

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
69324	69021	NA	LABQC	SQ	LABQC	MB 240-69021/1-A		1/1	17-Dec-2012 3:15 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:17 AM	LB
	69021	NA	LABQC	SQ	LABQC	LCS 240-69021/2-A		1/1	17-Dec-2012 3:15 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:19 AM	BS
	69021	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16		1/1	07-Dec-2012 3:05 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:27 AM	N
	69021	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11		1/1	07-Dec-2012 1:45 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:29 AM	N
	69021	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10		1/1	07-Dec-2012 1:37 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:37 AM	N
	69021	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13		1/1	07-Dec-2012 2:20 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:43 AM	N
	69021	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15		1/1	07-Dec-2012 2:55 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:45 AM	N
	69021	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14		1/1	07-Dec-2012 2:40 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:47 AM	N
	69021	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9		1/1	07-Dec-2012 1:35 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:51 AM	N
	69021	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7		1/1	07-Dec-2012 1:04 PM	17-Dec-2012 3:15 PM	18-Dec-2012 12:03 PM	N
	69021	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8		1/1	07-Dec-2012 1:25 PM	17-Dec-2012 3:15 PM	18-Dec-2012 12:07 PM	N
70191	69805	NA	LABQC	SQ	LABQC	MB 240-69805/1-A		1/1	21-Dec-2012 2:10 PM	21-Dec-2012 2:10 PM	26-Dec-2012 4:48 PM	LB
	69805	NA	LABQC	SQ	LABQC	LCS 240-69805/2-A		1/1	21-Dec-2012 2:10 PM	21-Dec-2012 2:10 PM	26-Dec-2012 4:50 PM	BS
	69805	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:03 PM	N
	69805	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:07 PM	N
	69805	NA	70-4740-DU4-SB	SO	070SB-0049M-0001-SO	240-18581-18		1/1	07-Dec-2012 10:23 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:08 PM	N
	69805	NA	70-4740-DU3-SB6	SO	070SB-0047M-0001-SO	240-18581-6		1/1	07-Dec-2012 10:50 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:14 PM	FD
	69805	NA	70-4740-DU4-SB5	SO	070SB-0054M-0001-SO	240-18581-23		1/1	07-Dec-2012 10:25 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:16 PM	N
	69805	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21		1/1	07-Dec-2012 10:00 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:18 PM	N
	69805	NA	70-4740-DU3-SS	SO	070SS-0048M-0001-SO	240-18581-17		1/1	07-Dec-2012 10:22 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:26 PM	N
	69805	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:28 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

69805	NA	70-4740-DU4-SB4	SO	070SB-0053M-0001-SO	240-18581-22		1/1	07-Dec-2012 10:18 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:30 PM	N
69805	NA	70-4740-DU4-SB2	SO	070SB-0051M-0001-SO	240-18581-20		1/1	07-Dec-2012 9:45 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:32 PM	N
69805	NA	70-4740-DU4-SB1	SO	070SB-0050M-0001-SO	240-18581-19		1/1	07-Dec-2012 9:25 AM	21-Dec-2012 2:10 PM	26-Dec-2012 5:36 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
69893	69426	NA	LABQC	SQ	LABQC	LCS 240-69426/7-A		1/1	19-Dec-2012 12:53 PM	19-Dec-2012 12:53 PM	22-Dec-2012 7:15 PM	BS
	69426	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/50	07-Dec-2012 11:45 AM	19-Dec-2012 12:53 PM	22-Dec-2012 7:40 PM	N
	69426	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/50	07-Dec-2012 11:45 AM	19-Dec-2012 12:53 PM	22-Dec-2012 8:04 PM	MS
	69426	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/50	07-Dec-2012 11:45 AM	19-Dec-2012 12:53 PM	22-Dec-2012 8:28 PM	SD
	69426	NA	LABQC	SQ	LABQC	MB 240-69426/6-A		1/1	19-Dec-2012 12:53 PM	19-Dec-2012 12:53 PM	22-Dec-2012 10:56 PM	LB
71028	69426	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/50	07-Dec-2012 11:15 AM	19-Dec-2012 12:53 PM	04-Jan-2013 8:21 AM	N
	69426	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/50	07-Dec-2012 10:50 AM	19-Dec-2012 12:53 PM	04-Jan-2013 8:48 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
69717	69415	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	19-Dec-2012 12:21 PM	21-Dec-2012 8:56 AM	N
	69415	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	19-Dec-2012 12:21 PM	21-Dec-2012 9:11 AM	N
	69415	NA	70-4740-DU4-SB	SO	070SB-0049M-0001-SO	240-18581-18		1/1	07-Dec-2012 10:23 AM	19-Dec-2012 12:21 PM	21-Dec-2012 10:14 AM	N
	69415	NA	70-4740-DU4-SB1	SO	070SB-0050M-0001-SO	240-18581-19		1/1	07-Dec-2012 9:25 AM	19-Dec-2012 12:21 PM	21-Dec-2012 10:30 AM	N
	69415	NA	LABQC	SQ	LABQC	MB 240-69415/23-A		1/1	19-Dec-2012 12:21 PM	19-Dec-2012 12:21 PM	21-Dec-2012 10:46 AM	LB
	69415	NA	70-4740-DU4-SB2	SO	070SB-0051M-0001-SO	240-18581-20		1/1	07-Dec-2012 9:45 AM	19-Dec-2012 12:21 PM	21-Dec-2012 11:17 AM	N
	69415	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21		1/1	07-Dec-2012 10:00 AM	19-Dec-2012 12:21 PM	21-Dec-2012 11:33 AM	N
	69415	NA	70-4740-DU4-SB4	SO	070SB-0053M-0001-SO	240-18581-22		1/1	07-Dec-2012 10:18 AM	19-Dec-2012 12:21 PM	21-Dec-2012 11:49 AM	N
	69415	NA	70-4740-DU4-SB5	SO	070SB-0054M-0001-SO	240-18581-23		1/1	07-Dec-2012 10:25 AM	19-Dec-2012 12:21 PM	21-Dec-2012 12:05 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

	69415	NA	LABQC	SQ	LABQC	LCS 240-69415/24-A		1/1	19-Dec-2012 12:21 PM	19-Dec-2012 12:21 PM	21-Dec-2012 12:20 PM	BS
70556	70113	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	26-Dec-2012 10:28 AM	29-Dec-2012 7:39 PM	N
	70113	NA	70-4740-DU3-SB6	SO	070SB-0047M-0001-SO	240-18581-6		1/1	07-Dec-2012 10:50 AM	26-Dec-2012 10:28 AM	29-Dec-2012 7:55 PM	FD
	70113	NA	LABQC	SQ	LABQC	MB 240-70113/18-A		1/1	26-Dec-2012 10:28 AM	26-Dec-2012 10:28 AM	29-Dec-2012 10:01 PM	LB
	70113	NA	LABQC	SQ	LABQC	LCS 240-70113/19-A		1/1	26-Dec-2012 10:28 AM	26-Dec-2012 10:28 AM	30-Dec-2012 12:53 AM	BS
70882	70774	NA	70-4740-DU3-SS	SO	070SS-0048M-0001-SO	240-18581-17		1/1	07-Dec-2012 10:22 AM	31-Dec-2012 1:58 PM	02-Jan-2013 2:44 PM	N
	70774	NA	LABQC	SQ	LABQC	MB 240-70774/19-A		1/1	31-Dec-2012 1:58 PM	31-Dec-2012 1:58 PM	02-Jan-2013 5:05 PM	LB
	70774	NA	LABQC	SQ	LABQC	LCS 240-70774/18-A		1/1	31-Dec-2012 1:58 PM	31-Dec-2012 1:58 PM	02-Jan-2013 7:58 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
69890	69221	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	18-Dec-2012 11:08 AM	22-Dec-2012 6:55 PM	N
	69221	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	18-Dec-2012 11:08 AM	22-Dec-2012 7:19 PM	MS
	69221	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	18-Dec-2012 11:08 AM	22-Dec-2012 7:42 PM	SD
	69221	NA	70-4760-DU5-SB6	SO	070SB-0045M-0001-SO	240-18581-4		1/1	07-Dec-2012 11:15 AM	18-Dec-2012 11:08 AM	22-Dec-2012 8:05 PM	FD
	69221	NA	LABQC	SQ	LABQC	MB 240-69221/23-A		1/1	18-Dec-2012 11:08 AM	18-Dec-2012 11:08 AM	23-Dec-2012 3:56 AM	LB
	69221	NA	LABQC	SQ	LABQC	LCS 240-69221/24-A		1/1	18-Dec-2012 11:08 AM	18-Dec-2012 11:08 AM	23-Dec-2012 4:19 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
68879	NA	NA	LABQC	SQ	LABQC	LCS 240-68879/6		1/1	15-Dec-2012 6:40 PM		15-Dec-2012 6:40 PM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68879/7		1/1	15-Dec-2012 7:02 PM		15-Dec-2012 7:02 PM	LB
68905	NA	NA	LABQC	SQ	LABQC	LCS 240-68905/6		1/1	17-Dec-2012 12:47 AM		17-Dec-2012 12:47 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68905/7		1/1	17-Dec-2012 1:09 AM		17-Dec-2012 1:09 AM	LB
68879	68443	NA	70-4744-DU1-SB6	SO	070SB-0043M-0001-SO	240-18581-2		1/1	07-Dec-2012 11:45 AM	08-Dec-2012 5:30 PM	16-Dec-2012 3:22 AM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

68905	68443	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1	1/1	07-Dec-2012 11:45 AM	08-Dec-2012 5:30 PM	17-Dec-2012 3:50 AM	N
	68443	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1	1/1	07-Dec-2012 11:45 AM	08-Dec-2012 5:30 PM	17-Dec-2012 4:11 AM	MS
	68443	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1	1/1	07-Dec-2012 11:45 AM	08-Dec-2012 5:30 PM	17-Dec-2012 4:32 AM	SD
	68443	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3	1/1	07-Dec-2012 11:15 AM	08-Dec-2012 5:30 PM	17-Dec-2012 4:53 AM	N
	68443	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3	1/1	07-Dec-2012 11:15 AM	08-Dec-2012 5:30 PM	17-Dec-2012 5:15 AM	MS
	68443	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3	1/1	07-Dec-2012 11:15 AM	08-Dec-2012 5:30 PM	17-Dec-2012 5:36 AM	SD
	68443	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5	1/1	07-Dec-2012 10:50 AM	08-Dec-2012 5:30 PM	17-Dec-2012 5:57 AM	N
	68443	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5	1/1	07-Dec-2012 10:50 AM	08-Dec-2012 5:30 PM	17-Dec-2012 6:19 AM	MS
	68443	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5	1/1	07-Dec-2012 10:50 AM	08-Dec-2012 5:30 PM	17-Dec-2012 6:40 AM	SD
	68443	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7	1/1	07-Dec-2012 1:04 PM	08-Dec-2012 5:30 PM	17-Dec-2012 7:01 AM	N
	68443	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8	1/1	07-Dec-2012 1:25 PM	08-Dec-2012 5:30 PM	17-Dec-2012 7:22 AM	N
	68443	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9	1/1	07-Dec-2012 1:35 PM	08-Dec-2012 5:30 PM	17-Dec-2012 7:44 AM	N
	68443	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10	1/1	07-Dec-2012 1:37 PM	08-Dec-2012 5:30 PM	17-Dec-2012 8:05 AM	N
	68443	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11	1/1	07-Dec-2012 1:45 PM	08-Dec-2012 5:30 PM	17-Dec-2012 8:26 AM	N
	68443	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13	1/1	07-Dec-2012 2:20 PM	08-Dec-2012 5:30 PM	17-Dec-2012 8:47 AM	N
	68443	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14	1/1	07-Dec-2012 2:40 PM	08-Dec-2012 5:30 PM	17-Dec-2012 9:09 AM	N
	68443	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15	1/1	07-Dec-2012 2:55 PM	08-Dec-2012 5:30 PM	17-Dec-2012 9:30 AM	N
	68443	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16	1/1	07-Dec-2012 3:05 PM	08-Dec-2012 5:30 PM	17-Dec-2012 9:51 AM	N
68395	68395	NA	LABQC	WQ	LABQC	LCS 240-68395/5	1/1	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	12-Dec-2012 1:15 PM	BS
	68395	NA	LABQC	WQ	LABQC	MB 240-68395/6	1/1	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	12-Dec-2012 2:01 PM	LB
	68395	NA	72-1103-R88-SB5	WG	072SB-0061-0001-TB	240-18581-12	1/1	07-Dec-2012 8:00 AM	12-Dec-2012 7:19 PM	12-Dec-2012 7:19 PM	N
	68395	NA	70-4740-DU4-SB5	WG	070SB-0055M-0001-TB	240-18581-24	1/1	07-Dec-2012 10:25 AM	12-Dec-2012 7:41 PM	12-Dec-2012 7:41 PM	N

Test Method: SW8270C; Leach Method: NONE

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

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
70417	69432	NA	LABQC	SQ	LABQC	MB 240-69432/23-A		1/1	19-Dec-2012 1:03 PM	19-Dec-2012 1:03 PM	28-Dec-2012 11:25 AM	LB
	69432	NA	LABQC	SQ	LABQC	LCS 240-69432/24-A		1/1	19-Dec-2012 1:03 PM	19-Dec-2012 1:03 PM	28-Dec-2012 11:48 AM	BS
	69432	NA	70-4740-DU4-SB1	SO	070SB-0050M-0001-SO	240-18581-19		1/1	07-Dec-2012 9:25 AM	19-Dec-2012 1:03 PM	28-Dec-2012 2:54 PM	N
	69432	NA	70-4740-DU4-SB	SO	070SB-0049M-0001-SO	240-18581-18		1/1	07-Dec-2012 10:23 AM	19-Dec-2012 1:03 PM	28-Dec-2012 3:17 PM	N
	69432	NA	70-4740-DU3-SS	SO	070SS-0048M-0001-SO	240-18581-17		1/1	07-Dec-2012 10:22 AM	19-Dec-2012 1:03 PM	28-Dec-2012 3:40 PM	N
	69432	NA	72-SSP-08-SB4	SO	072SB-0073-0001-SO	240-18581-16		1/1	07-Dec-2012 3:05 PM	19-Dec-2012 1:03 PM	28-Dec-2012 4:03 PM	N
	69432	NA	72-SSP-08-SB3	SO	072SB-0072-0001-SO	240-18581-15		1/1	07-Dec-2012 2:55 PM	19-Dec-2012 1:03 PM	28-Dec-2012 4:27 PM	N
	69432	NA	72-SSP-08-SB2	SO	072SB-0071-0001-SO	240-18581-14		1/1	07-Dec-2012 2:40 PM	19-Dec-2012 1:03 PM	28-Dec-2012 4:50 PM	N
70582	69432	NA	72-SSP-08-SB1	SO	072SB-0070-0001-SO	240-18581-13		1/1	07-Dec-2012 2:20 PM	19-Dec-2012 1:03 PM	29-Dec-2012 2:09 PM	N
	69432	NA	72-1103-R88-SB5	SO	072SB-0060-0001-SO	240-18581-11		1/1	07-Dec-2012 1:45 PM	19-Dec-2012 1:03 PM	29-Dec-2012 2:32 PM	N
	69432	NA	72-1103-R88-SB4	SO	072SB-0059-0001-SO	240-18581-10		1/1	07-Dec-2012 1:37 PM	19-Dec-2012 1:03 PM	29-Dec-2012 2:56 PM	N
	69432	NA	72-1103-R88-SB1	SO	072SB-0056-0001-SO	240-18581-7		1/1	07-Dec-2012 1:04 PM	19-Dec-2012 1:03 PM	29-Dec-2012 3:19 PM	N
	69432	NA	72-1103-R88-SB3	SO	072SB-0058-0001-SO	240-18581-9		1/1	07-Dec-2012 1:35 PM	19-Dec-2012 1:03 PM	29-Dec-2012 3:42 PM	N
	69432	NA	72-1103-R88-SB2	SO	072SB-0057-0001-SO	240-18581-8		1/1	07-Dec-2012 1:25 PM	19-Dec-2012 1:03 PM	29-Dec-2012 4:05 PM	N
	69432	NA	70-4744-DU1-SB6	SO	070SB-0043M-0001-SO	240-18581-2		1/10	07-Dec-2012 11:45 AM	19-Dec-2012 1:03 PM	29-Dec-2012 5:15 PM	FD
	69432	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/10	07-Dec-2012 11:15 AM	19-Dec-2012 1:03 PM	29-Dec-2012 5:39 PM	N
	69432	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3		1/10	07-Dec-2012 11:15 AM	19-Dec-2012 1:03 PM	29-Dec-2012 6:03 PM	MS
	69432	NA	70-4760-DU5-SB6	SO	070SB-0044M-0002-SO	240-18581-3		1/10	07-Dec-2012 11:15 AM	19-Dec-2012 1:03 PM	29-Dec-2012 6:26 PM	SD
	69432	NA	70-4740-DU3-SB6	SO	070SB-0047M-0001-SO	240-18581-6		1/10	07-Dec-2012 10:50 AM	19-Dec-2012 1:03 PM	29-Dec-2012 6:49 PM	FD
	69432	NA	70-4760-DU5-SB6	SO	070SB-0045M-0001-SO	240-18581-4		1/10	07-Dec-2012 11:15 AM	19-Dec-2012 1:03 PM	29-Dec-2012 7:13 PM	FD
	69432	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/10	07-Dec-2012 11:45 AM	19-Dec-2012 1:03 PM	29-Dec-2012 7:36 PM	N
	69432	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/10	07-Dec-2012	19-Dec-2012	29-Dec-2012	MS

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

					SO				11:45 AM	1:03 PM	8:00 PM	
69432	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1	1/10	07-Dec-2012 11:45 AM	19-Dec-2012 1:03 PM	29-Dec-2012 8:23 PM	SD		
69432	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5	1/10	07-Dec-2012 10:50 AM	19-Dec-2012 1:03 PM	29-Dec-2012 8:46 PM	N		
70078	69446	LABQC	SQ	LABQC	MB 240-69446/11-A	1/1	19-Dec-2012 1:55 PM	19-Dec-2012 1:55 PM	26-Dec-2012 10:01 AM	LB		
69446	NA	LABQC	SQ	LABQC	LCS 240-69446/12-A	1/1	19-Dec-2012 1:55 PM	19-Dec-2012 1:55 PM	26-Dec-2012 10:25 AM	BS		
69446	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21	1/10	07-Dec-2012 10:00 AM	19-Dec-2012 1:55 PM	26-Dec-2012 11:35 AM	N		
69446	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21	1/10	07-Dec-2012 10:00 AM	19-Dec-2012 1:55 PM	26-Dec-2012 11:58 AM	MS		
69446	NA	70-4740-DU4-SB3	SO	070SB-0052M-0001-SO	240-18581-21	1/10	07-Dec-2012 10:00 AM	19-Dec-2012 1:55 PM	26-Dec-2012 12:21 PM	SD		
69446	NA	70-4740-DU4-SB4	SO	070SB-0053M-0001-SO	240-18581-22	1/4	07-Dec-2012 10:18 AM	19-Dec-2012 1:55 PM	26-Dec-2012 12:45 PM	N		
69446	NA	70-4740-DU4-SB5	SO	070SB-0054M-0001-SO	240-18581-23	1/4	07-Dec-2012 10:25 AM	19-Dec-2012 1:55 PM	26-Dec-2012 1:08 PM	N		
69446	NA	70-4740-DU4-SB2	SO	070SB-0051M-0001-SO	240-18581-20	1/10	07-Dec-2012 9:45 AM	19-Dec-2012 1:55 PM	26-Dec-2012 1:32 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
7855	7654	NA	LABQC	SQ	LABQC	MB 320-7654/1-A		1/1	20-Dec-2012 9:42 AM	20-Dec-2012 9:42 AM	27-Dec-2012 1:45 AM	LB
	7654	NA	LABQC	SQ	LABQC	LCS 320-7654/2-A		1/1	20-Dec-2012 9:42 AM	20-Dec-2012 9:42 AM	27-Dec-2012 1:59 AM	BS
	7654	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:42 AM	27-Dec-2012 2:14 AM	N
	7654	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:42 AM	27-Dec-2012 2:28 AM	MS
	7654	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		1/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:42 AM	27-Dec-2012 2:42 AM	SD
	7654	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		1/1	07-Dec-2012 11:15 AM	20-Dec-2012 9:42 AM	27-Dec-2012 2:57 AM	N
	7654	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		1/1	07-Dec-2012 10:50 AM	20-Dec-2012 9:42 AM	27-Dec-2012 3:11 AM	N
8012	7655	NA	LABQC	SQ	LABQC	MB 320-7655/1-A		1/1	20-Dec-2012 9:53 AM	20-Dec-2012 9:53 AM	30-Dec-2012 12:33 AM	LB
	7655	NA	LABQC	SQ	LABQC	LCS 320-7655/2-A		1/1	20-Dec-2012 9:53 AM	20-Dec-2012 9:53 AM	30-Dec-2012 1:13 AM	BS
	7655	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		2/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:53 AM	30-Dec-2012 1:53 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

	7655	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		2/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:53 AM	30-Dec-2012 2:34 AM	MS
	7655	NA	70-4744-DU1-SB6	SO	070SB-0042M-0002-SO	240-18581-1		2/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:53 AM	30-Dec-2012 3:14 AM	SD
	7655	NA	70-4760-DU5-SB6	SO	070SB-0044M-0001-SO	240-18581-3		2/1	07-Dec-2012 11:15 AM	20-Dec-2012 9:53 AM	30-Dec-2012 3:54 AM	N
	7655	NA	70-4740-DU3-SB6	SO	070SB-0046M-0001-SO	240-18581-5		2/1	07-Dec-2012 10:50 AM	20-Dec-2012 9:53 AM	30-Dec-2012 4:35 AM	N
8144	7655	NA	70-4744-DU1-SB6	SO	070SB-0042M-0001-SO	240-18581-1		3/1	07-Dec-2012 11:45 AM	20-Dec-2012 9:53 AM	03-Jan-2013 2:50 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-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
E353.2 / METHOD/NONE	Blank	MB 320-7571/1-B (LB) / MB 320-7571/1-B	1 / 1.00	Nitrocellulose	1.3 (MG/KG)	U/None	< 0.78	< 5	L		1	1.31
M8015D / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 1.00	C10-C20 Diesel Range Organics	-48.6 (PERCENT)	J/UJ	10 - 199	10 - 199	M			
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Aluminum	0.52 (MG/KG)	U/None	< 0.28	< 3	L		5	2.57
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Barium	0.013 (MG/KG)	U/None	< 0.011	< 1	L		5	0.0665
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Calcium	2.8 (MG/KG)	U/None	< 1.3	< 10	L		5	13.9
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Iron	1.1 (MG/KG)	U/None	< 1.1	< 5	L		5	5.60
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Nickel	0.013 (MG/KG)	U/None	< 0.011	< 0.1	L		5	0.0660
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Zinc	0.14 (MG/KG)	U/None	< 0.065	< 0.5	L		5	0.705
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Aluminum	1.1 (MG/KG)	U/None	< 0.27	< 2.9	L		5	5.40
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Barium	0.017 (MG/KG)	U/None	< 0.01	< 0.96	L		5	0.0825
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Calcium	3.1 (MG/KG)	U/None	< 1.3	< 9.6	L		5	15.7
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Copper	0.060 (MG/KG)	U/None	< 0.032	< 0.19	L		5	0.300
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Iron	2.9 (MG/KG)	U/None	< 1	< 4.8	L		5	14.5
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Magnesium	1.0 (MG/KG)	U/None	< 1	< 9.6	L		5	5.00
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Manganese	0.019 (MG/KG)	U/None	< 0.015	< 0.48	L		5	0.0955
SW6020 / SW3050B/NONE	Blank	MB 180-59314/1-A (LB) / MB 180-59314/1-A	1 / 1.00	Zinc	0.18 (MG/KG)	U/None	< 0.062	< 0.48	L		5	0.915
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Aldrin	0.0000 (PERCENT)	J/R	45 - 140	20 - 140	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Aldrin	0.0000 (PERCENT)	J/R	45 - 140	20 - 140	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	alpha BHC (alpha Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	alpha BHC (alpha Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00	
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	alpha-Chlordane	0.0000 (PERCENT)	J/R	65 - 120	20 - 120	M	Diluted Out	2.00	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	alpha-Chlordane	0.0000 (PERCENT)	J/R	65 - 120	20 - 120	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	beta BHC (beta Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	beta BHC (beta Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	beta Endosulfan	0.0000 (PERCENT)	J/R	35 - 140	20 - 140	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	beta Endosulfan	0.0000 (PERCENT)	J/R	35 - 140	20 - 140	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	delta BHC (delta Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	55 - 130	20 - 130	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	delta BHC (delta Hexachlorocyclohexane)	0.0000 (PERCENT)	J/R	55 - 130	20 - 130	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Endosulfan Sulfate	0.0000 (PERCENT)	J/R	60 - 135	20 - 135	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Endosulfan Sulfate	0.0000 (PERCENT)	J/R	60 - 135	20 - 135	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Endrin Aldehyde	0.0000 (PERCENT)	J/R	35 - 145	20 - 145	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Endrin Aldehyde	0.0000 (PERCENT)	J/R	35 - 145	20 - 145	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Endrin Ketone	0.0000 (PERCENT)	J/R	65 - 135	20 - 135	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	gamma BHC (Lindane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	gamma BHC (Lindane)	0.0000 (PERCENT)	J/R	60 - 125	20 - 125	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Heptachlor	0.0000 (PERCENT)	J/R	50 - 140	20 - 140	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Heptachlor	0.0000 (PERCENT)	J/R	50 - 140	20 - 140	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Heptachlor Epoxide	0.0000 (PERCENT)	J/R	65 - 130	20 - 130	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Heptachlor Epoxide	0.0000 (PERCENT)	J/R	65 - 130	20 - 130	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	Methoxychlor	0.0000 (PERCENT)	J/R	55 - 145	20 - 145	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	Methoxychlor	0.0000 (PERCENT)	J/R	55 - 145	20 - 145	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	p,p'-DDD	0.0000 (PERCENT)	J/R	30 - 135	20 - 135	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	p,p'-DDD	0.0000 (PERCENT)	J/R	30 - 135	20 - 135	M	Diluted Out	2.00
SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 50.00	p,p'-DDT	0.0000 (PERCENT)	J/R	45 - 140	20 - 140	M	Diluted Out	2.00

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8081 / SW3540C/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 50.00	p,p'-DDT	0.0000 (PERCENT)	J/R	45 - 140	20 - 140	M	Diluted Out	2.00
SW8260B / SW5030B/NONE	Blank	MB 240-68395/6 (LB) / MB 240-68395/6	1 / 1.00	Methylene Chloride	0.69 (UG/L)	U/None	< 0.33	< 1	L	2	1.38
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	2-Hexanone	1.8 (UG/KG)	U/None	< 0.63	< 20	L	1	1.84
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	Acetone	7.1 (UG/KG)	U/None	< 6.3	< 20	L	2	14.1
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	1.0 (UG/KG)	U/None	< 0.54	< 20	L	1	1.04
SW8260B / SW5035/NONE	Blank	MB 240-68879/7 (LB) / MB 240-68879/7	1 / 1.00	Methylene Chloride	1.4 (UG/KG)	U/None	< 0.67	< 5	L	2	2.70
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	2-Hexanone	2.4 (UG/KG)	U/None	< 0.63	< 20	L	1	2.37
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	1.4 (UG/KG)	U/None	< 0.54	< 20	L	1	1.41
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	Methylene Chloride	1.7 (UG/KG)	U/None	< 0.67	< 5	L	2	3.46
SW8260B / SW5035/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 1.00	1,1,2,2-Tetrachloroethane	146 (PERCENT)	J/None	55 - 130	20 - 130	M		
SW8260B / SW5035/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 1.00	Ethylbenzene	68.9 (PERCENT)	J/UJ	75 - 125	20 - 125	M		
SW8260B / SW5035/NONE	Surrogate	070SB-0044M-0001-SO (N) / 240-18581-3	1 / 1.00	1-Bromo-4-fluorobenzene (4-Bromofluorobenzene)	72.2 (PERCENT)	J/UJ	85 - 120	10 - 120	I		
SW8270C / SW3550/NONE	Blank	MB 240-69432/23-A (LB) / MB 240-69432/23-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	22.5 (UG/KG)	U/None	< 19	< 50	L	1	22.5
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	1,2,4-Trichlorobenzene	44.7 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	1,2-Dichlorobenzene	42.4 (PERCENT)	J/UJ	45 - 100	45 - 100	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	1,2-Dichlorobenzene	44.8 (PERCENT)	J/UJ	45 - 100	45 - 100	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	1,3-Dichlorobenzene	38.4 (PERCENT)	J/UJ	40 - 100	40 - 100	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	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	070SB-0042M-0002-SO (SD) / 240-18581-1	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	070SB-0042M-0002-SO (MS) / 240-18581-1	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	070SB-0042M-0002-SO (SD) / 240-18581-1	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	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	2-Methylnaphthalene	39.8 (PERCENT)	J/UJ	45 - 105	45 - 105	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out	2.00

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	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	070SB-0042M-0002-SO (MS) / 240-18581-1	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	070SB-0042M-0002-SO (SD) / 240-18581-1	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	070SB-0042M-0002-SO (MS) / 240-18581-1	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	070SB-0042M-0002-SO (SD) / 240-18581-1	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	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	4-Chloroaniline	0.0000 (PERCENT)	J/UJ	10 - 100	10 - 100	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	4-Chloroaniline	0.0000 (PERCENT)	J/UJ	10 - 100	10 - 100	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	Benzo(g,h,i)perylene	35.8 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	Dibenz(a,h)anthracene	35.6 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	Fluorene	49.2 (PERCENT)	J/UJ	50 - 110	50 - 110	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	n-Nitrosodiphenylamine	193 (PERCENT)	J/None	50 - 115	50 - 115	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	n-Nitrosodiphenylamine	214 (PERCENT)	J/None	50 - 115	50 - 115	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (MS) / 240-18581-1	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0042M-0002-SO (SD) / 240-18581-1	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	1,2,4-Trichlorobenzene	43.1 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	1,2,4-Trichlorobenzene	44.2 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	1,2-Dichlorobenzene	41.5 (PERCENT)	J/UJ	45 - 100	45 - 100	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	1,2-Dichlorobenzene	42.7 (PERCENT)	J/UJ	45 - 100	45 - 100	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	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	070SB-0044M-0002-SO (SD) / 240-18581-3	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	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	2,4-Dinitrophenol	131 (PERCENT)	J/None	15 - 130	15 - 130	M	Diluted Out	2.00

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	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	070SB-0044M-0002-SO (SD) / 240-18581-3	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	070SB-0044M-0002-SO (MS) / 240-18581-3	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	070SB-0044M-0002-SO (SD) / 240-18581-3	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	070SB-0044M-0002-SO (MS) / 240-18581-3	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	070SB-0044M-0002-SO (SD) / 240-18581-3	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	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	4-Chloroaniline	0.0000 (PERCENT)	J/UJ	10 - 100	10 - 100	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	Benzo(g,h,i)perylene	35.8 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	Benzo(g,h,i)perylene	37.8 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	bis(2-Chloroethoxy) Methane	41.8 (PERCENT)	J/UJ	45 - 110	45 - 110	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	Dibenz(a,h)anthracene	36.9 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	Dibenz(a,h)anthracene	37.6 (PERCENT)	J/UJ	40 - 125	40 - 125	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	Indeno(1,2,3-c,d)Pyrene	36.3 (PERCENT)	J/UJ	40 - 120	40 - 120	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	Indeno(1,2,3-c,d)Pyrene	39.3 (PERCENT)	J/UJ	40 - 120	40 - 120	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (MS) / 240-18581-3	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0044M-0002-SO (SD) / 240-18581-3	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	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	070SB-0052M-0001-SO (SD) / 240-18581-21	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	070SB-0052M-0001-SO (SD) / 240-18581-21	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	070SB-0052M-0001-SO (MS) / 240-18581-21	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	070SB-0052M-0001-SO (SD) / 240-18581-21	1 / 10.00	2-Methylphenol (o-Cresol)	0.0000 (PERCENT)	J/UJ	40 - 105	40 - 105	M	Diluted Out	2.00

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	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	070SB-0052M-0001-SO (SD) / 240-18581-21	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	070SB-0052M-0001-SO (MS) / 240-18581-21	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	070SB-0052M-0001-SO (SD) / 240-18581-21	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	070SB-0052M-0001-SO (MS) / 240-18581-21	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (SD) / 240-18581-21	1 / 10.00	4-Nitrophenol	0.0000 (PERCENT)	J/UJ	15 - 140	15 - 140	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	1 / 10.00	Benzo(a)pyrene	45.8 (PERCENT)	J/UJ	50 - 110	50 - 110	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (MS) / 240-18581-21	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00
SW8270C / SW3550/NONE	MS Recovery	070SB-0052M-0001-SO (SD) / 240-18581-21	1 / 10.00	Pentachlorophenol	0.0000 (PERCENT)	J/UJ	25 - 120	25 - 120	M	Diluted Out	2.00
SW8270C / SW3550/NONE	Surrogate	070SB-0051M-0001-SO (N) / 240-18581-20	1 / 10.00	2-Fluorobiphenyl	43.5 (PERCENT)	J/UJ	45 - 105	10 - 105	I	Diluted Out	2.00
SW8270C / SW3550/NONE	Surrogate	070SB-0052M-0001-SO (N) / 240-18581-21	1 / 10.00	2,4,6-Tribromophenol	34.1 (PERCENT)	J/UJ	35 - 125	10 - 125	I	Diluted Out	2.00

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Qualified Results

Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
E353.2/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Nitrocellulose	45.0	7.5	45.0 U	+	MG/KG	L
E353.2/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Nitrocellulose	41.0	8.3	41.0 U	+	MG/KG	L
E353.2/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Nitrocellulose	47.0	8.2	47.0 U	+	MG/KG	L
Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015D/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	C10-C20 Diesel Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
M8015D/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	C20-C34 Motor Oil Range Organics	19.0	19.0	19.0 UJ		MG/KG	V2
Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Silver	0.097	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Selenium	0.49	0.47	0.47 J		MG/KG	TR
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Silver	0.098	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Selenium	0.49	0.31	0.31 J		MG/KG	TR
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Silver	0.097	0.026	0.026 J		MG/KG	TR
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Selenium	0.50	0.40	0.40 J		MG/KG	TR
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Silver	0.10	0.029	0.029 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Cadmium	0.099	0.098	0.098 J	MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Selenium	0.50	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Silver	0.099	0.015	0.015 J	MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Thallium	0.099	0.075	0.075 J	MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Selenium	0.50	0.33	0.33 J	MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Silver	0.10	0.018	0.018 J	MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Thallium	0.10	0.074	0.074 J	MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Selenium	0.50	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Silver	0.10	0.017	0.017 J	MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Thallium	0.10	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Selenium	0.50	0.27	0.27 J	MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Silver	0.10	0.020	0.020 J	MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Thallium	0.10	0.097	0.097 J	MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Selenium	0.49	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Silver	0.098	0.017	0.017 J	MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Thallium	0.098	0.091	0.091 J	MG/KG	TR
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Selenium	0.50	0.42	0.42 J	MG/KG	TR
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Silver	0.099	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Selenium	0.48	0.34	0.34 J	MG/KG	TR
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Silver	0.096	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Antimony	0.19	0.078	0.078 J	MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Selenium	0.47	0.44	0.44 J	MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Silver	0.094	0.039	0.039 J	MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Antimony	0.22	0.056	0.056 J	MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Selenium	0.54	0.43	0.43 J	MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Silver	0.11	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Antimony	0.17	0.061	0.061 J	MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Selenium	0.43	0.37	0.37 J	MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Silver	0.087	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Antimony	0.21	0.077	0.077 J	MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Selenium	0.52	0.31	0.31 J	MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Silver	0.10	0.031	0.031 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Antimony	0.20	0.062	0.062 J		MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Selenium	0.49	0.37	0.37 J		MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Silver	0.098	0.025	0.025 J		MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Antimony	0.19	0.053	0.053 J		MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Selenium	0.47	0.40	0.40 J		MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Silver	0.094	0.028	0.028 J		MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Antimony	0.23	0.065	0.065 J		MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Selenium	0.56	0.38	0.38 J		MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Silver	0.11	0.034	0.034 J		MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Antimony	0.20	0.069	0.069 J		MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Selenium	0.51	0.34	0.34 J		MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Silver	0.10	0.032	0.032 J		MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Antimony	0.22	0.060	0.060 J		MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Selenium	0.56	0.42	0.42 J		MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Silver	0.11	0.034	0.034 J		MG/KG	TR
Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Mercury	0.095	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Mercury	0.11	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Mercury	0.088	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Mercury	0.091	0.021	0.021 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Mercury	0.13	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Mercury	0.11	0.018	0.018 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Mercury	0.13	0.020	0.020 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Mercury	0.12	0.019	0.019 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Mercury	0.11	0.017	0.017 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Mercury	0.12	0.016	0.016 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Mercury	0.11	0.017	0.017 J		MG/KG	TR
Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Aldrin	200	200	200 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	alpha BHC (alpha Hexachlorocyclohexane)	120	120	120 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	alpha Endosulfan	84.0	84.0	84.0 UJ		UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	alpha-Chlordane	150	150	150 UJ		UG/KG	V2

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	beta BHC (beta Hexachlorocyclohexane)	170	170	170 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	beta Endosulfan	120	120	120 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	delta BHC (delta Hexachlorocyclohexane)	200	200	200 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Dieldrin	84.0	84.0	84.0 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Endosulfan Sulfate	150	150	150 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Endrin	84.0	84.0	84.0 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Endrin Aldehyde	150	150	150 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	gamma BHC (Lindane)	120	120	120 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	gamma-Chlordane	84.0	84.0	84.0 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Heptachlor	170	170	170 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Heptachlor Epoxide	120	120	120 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Methoxychlor	250	250	250 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	p,p'-DDD	99.0	99.0	99.0 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	p,p'-DDT	99.0	99.0	99.0 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Toxaphene	3300	3300	3300 UJ	UG/KG	V1/V2
SW8081/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Heptachlor Epoxide	120	120	120 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Toxaphene	3300	3300	3300 UJ	UG/KG	V2
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Aldrin	200	200	200 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	alpha BHC (alpha Hexachlorocyclohexane)	120	120	120 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	alpha Endosulfan	84.0	84.0	84.0 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	alpha-Chlordane	150	150	150 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	beta BHC (beta Hexachlorocyclohexane)	170	170	170 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	beta Endosulfan	120	120	120 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	delta BHC (delta Hexachlorocyclohexane)	200	200	200 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Dieldrin	84.0	84.0	84.0 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Endosulfan Sulfate	150	150	150 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Endrin	84.0	84.0	84.0 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Endrin Aldehyde	150	150	150 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Endrin Ketone	99.0	99.0	99.0 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	gamma BHC (Lindane)	120	120	120 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	gamma-Chlordane	84.0	84.0	84.0 R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Heptachlor	170	170	170 R	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Heptachlor Epoxide	120	120	120 R		UG/KG	I/V2
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Methoxychlor	250	250	250 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	p,p'-DDD	99.0	99.0	99.0 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	p,p'-DDE	84.0	84.0	84.0 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	p,p'-DDT	99.0	99.0	99.0 R		UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Toxaphene	3300	3300	3300 R		UG/KG	I/V2
Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1016 (Arochlor 1016)	65.0	65.0	65.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1221 (Arochlor 1221)	50.0	50.0	50.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1232 (Arochlor 1232)	45.0	45.0	45.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1248 (Arochlor 1248)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1254 (Arochlor 1254)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	PCB-1260 (Arochlor 1260)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1016 (Arochlor 1016)	65.0	65.0	65.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1221 (Arochlor 1221)	50.0	50.0	50.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1232 (Arochlor 1232)	45.0	45.0	45.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1248 (Arochlor 1248)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1254 (Arochlor 1254)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	PCB-1260 (Arochlor 1260)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1016 (Arochlor 1016)	65.0	65.0	65.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1221 (Arochlor 1221)	50.0	50.0	50.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1232 (Arochlor 1232)	45.0	45.0	45.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1242 (Arochlor 1242)	40.0	40.0	40.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1248 (Arochlor 1248)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1254 (Arochlor 1254)	55.0	55.0	55.0 UJ		UG/KG	H2
SW8082/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	PCB-1260 (Arochlor 1260)	55.0	55.0	55.0 UJ		UG/KG	H2
Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	MCPA	8000	8000	8000 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	MCPP	8000	8000	8000 UJ		UG/KG	V2
SW8151/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	MCPA	7900	7900	7900 UJ		UG/KG	V2

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	MCCP	7900	7900	7900 UJ		UG/KG	V2
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2-Hexanone	18.0	18.0	18.0 UJ		UG/KG	J
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzene	4.5	0.73	0.73 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Methyl Ethyl Ketone (2-Butanone)	18.0	6.2	6.2 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Toluene	4.5	2.7	2.7 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Acetone	21.0	27.0	21.0 U	+	UG/KG	L
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzene	5.4	0.84	0.84 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Ethylbenzene	5.4	4.7	4.7 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Methyl Ethyl Ketone (2-Butanone)	21.0	5.5	5.5 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Methylene Chloride	5.4	1.8	5.4 U	+	UG/KG	L/T
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Toluene	5.4	1.9	1.9 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,1,1-Trichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,1,2,2-Tetrachloroethane	5.7	5.7	5.7 UJ		UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,1,2-Trichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,1-Dichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,1-Dichloroethene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2-Dibromoethane (Ethylene Dibromide)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2-Dichloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2-Dichloropropane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	2-Hexanone	23.0	1.8	23.0 U		UG/KG	I/J/L
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Acetone	23.0	41.0	41.0 J	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Benzene	5.7	1.3	1.3 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Bromochloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Bromodichloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Bromoform	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Bromomethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Carbon Disulfide	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Carbon Tetrachloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Chlorobenzene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Chloroethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Chloroform	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Chloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	cis-1,3-Dichloropropene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Dibromochloromethane	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Ethylbenzene	5.7	1.8	1.8 J	-	UG/KG	M/I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Methyl Ethyl Ketone (2-Butanone)	23.0	12.0	12.0 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	23.0	1.3	23.0 U		UG/KG	I/L
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Methylene Chloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Styrene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	tert-Butyl Methyl Ether	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Tetrachloroethylene (PCE)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Toluene	5.7	3.3	3.3 J	-	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Total 1,2-Dichloroethene	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	trans-1,3-Dichloropropene	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Trichloroethylene (TCE)	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Vinyl Chloride	5.7	5.7	5.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Xylenes, Total	11.0	11.0	11.0 UJ	-	UG/KG	I
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	2-Hexanone	21.0	2.3	21.0 U		UG/KG	J/L
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Acetone	21.0	19.0	19.0 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Benzene	5.2	0.40	0.40 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Carbon Disulfide	5.2	0.63	0.63 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Methyl Ethyl Ketone (2-Butanone)	21.0	4.6	4.6 J		UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	21.0	1.0	21.0 U		UG/KG	L
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Methylene Chloride	5.2	8.0	5.2 U	+	UG/KG	L/T/J
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Toluene	5.2	2.5	2.5 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Toluene	4.8	1.9	1.9 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Toluene	4.8	1.9	1.9 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Toluene	4.4	1.3	1.3 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Toluene	4.1	1.2	1.2 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Toluene	4.4	1.4	1.4 J		UG/KG	TR
SW8260B/NONE	WG	072SB-0061-0001-TB	240-18581-12	N	Methylene Chloride	1.0	0.35	1.0 U	+	UG/L	L
SW8260B/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Toluene	4.3	1.1	1.1 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Toluene	4.1	1.2	1.2 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Toluene	4.4	1.0	1.0 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Toluene	4.5	1.0	1.0 J		UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1 (70-72-SB)

Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	1,2-Dichlorobenzene	500	500	500 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	1,3-Dichlorobenzene	500	500	500 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2-Methylnaphthalene	66.0	680	680 J	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	4-Chloroaniline	1500	1500	1500 R	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(a)pyrene	66.0	41.0	41.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(b)fluoranthene	66.0	34.0	34.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(g,h,i)perylene	66.0	57.0	57.0 J	-	UG/KG	TR/J/M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Chrysene	66.0	190	190 J		UG/KG	d
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Dibenz(a,h)anthracene	66.0	66.0	66.0 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Dibenzofuran	500	250	250 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Di-n-Butyl Phthalate	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Fluoranthene	66.0	170	170 J		UG/KG	V1
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Fluorene	66.0	650	650 J	-	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Naphthalene	66.0	50.0	50.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Acenaphthylene	66.0	61.0	61.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(a)pyrene	66.0	51.0	51.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(b)fluoranthene	66.0	33.0	33.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(g,h,i)perylene	66.0	66.0	66.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Chrysene	66.0	98.0	98.0 J		UG/KG	d
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Dibenzofuran	490	180	180 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Di-n-Butyl Phthalate	490	490	490 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Fluoranthene	66.0	120	120 J		UG/KG	V1
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Naphthalene	66.0	51.0	51.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	n-Nitrosodiphenylamine	490	490	490 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2,4-Trichlorobenzene	510	510	510 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	1,2-Dichlorobenzene	510	510	510 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	4-Chloroaniline	1500	1500	1500 R	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	J/M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Dibenz(a,h)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Di-n-Butyl Phthalate	510	510	510 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Indeno(1,2,3-c,d)Pyrene	67.0	67.0	67.0 UJ	-	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	n-Nitrosodiphenylamine	510	510	510 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Di-n-Butyl Phthalate	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Phenanthrene	67.0	45.0	45.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Di-n-Butyl Phthalate	500	500	500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	2,4-Dinitrophenol	3300	3300	3300 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	2-Methylnaphthalene	67.0	34.0	34.0 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Di-n-Butyl Phthalate	510	510	510 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Fluoranthene	67.0	67.0	67.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	bis(2-Ethylhexyl) Phthalate	50.0	27.0	50.0 U	+	UG/KG	L
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Di-n-Butyl Phthalate	50.0	50.0	50.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Fluoranthene	6.6	6.6	6.6 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Naphthalene	6.6	3.9	3.9 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	n-Nitrosodiphenylamine	50.0	50.0	50.0 UJ	-	UG/KG	J

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	2-Methylnaphthalene	6.8	5.2	5.2 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	bis(2-Ethylhexyl) Phthalate	51.0	29.0	51.0 U	+	UG/KG	L
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Dibenzofuran	51.0	3.8	3.8 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Di-n-Butyl Phthalate	51.0	51.0	51.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Fluoranthene	6.8	7.9	7.9 J		UG/KG	V1
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Fluorene	6.8	3.4	3.4 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Naphthalene	6.8	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Pyrene	6.8	4.2	4.2 J		UG/KG	TR
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	1,2,4-Trichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	1,2-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	1,3-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	1,4-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2-Chloronaphthalene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2-Methylnaphthalene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	4-Bromophenyl phenyl ether	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	4-Chlorophenyl Phenyl Ether	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Acenaphthene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Acenaphthylene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Anthracene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzo(a)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzo(a)pyrene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzo(b)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzo(g,h,i)perylene	67.0	67.0	67.0 UJ	-	UG/KG	I

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzo(k)fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Benzyl butyl phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	bis(2-Ethylhexyl) Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Carbazole	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Chrysene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Dibenz(a,h)anthracene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Dibenzofuran	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Diethyl Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Dimethyl Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Di-n-Butyl Phthalate	500	500	500 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Di-n-Octylphthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Fluoranthene	67.0	67.0	67.0 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Fluorene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Hexachlorobenzene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Hexachlorobutadiene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Hexachloroethane	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Indeno(1,2,3-c,d)Pyrene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Isophorone	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Naphthalene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	n-Nitrosodi-n-propylamine	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Phenanthrene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Pyrene	67.0	67.0	67.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	1,2,4-Trichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	1,2-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	1,3-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	1,4-Dichlorobenzene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2,4-Dichlorophenol	1500	1500	1500 UJ		UG/KG	V1

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2,4-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2,6-Dinitrotoluene	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2-Chloronaphthalene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2-Methylnaphthalene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	2-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	3,3'-Dichlorobenzidine	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	3-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	4-Bromophenyl phenyl ether	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	4-Chloroaniline	1500	1500	1500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	4-Chlorophenyl Phenyl Ether	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	4-Nitroaniline	2000	2000	2000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Acenaphthene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Acenaphthylene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Anthracene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzo(a)anthracene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzo(a)pyrene	66.0	66.0	66.0 UJ	-	UG/KG	I/M
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzo(b)fluoranthene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzo(g,h,i)perylene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzo(k)fluoranthene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Benzyl butyl phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	bis(2-Chloroethoxy) Methane	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	bis(2-Chloroisopropyl) Ether	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	bis(2-Ethylhexyl) Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Carbazole	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Chrysene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Dibenz(a,h)anthracene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Dibenzofuran	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Diethyl Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Dimethyl Phthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Di-n-Butyl Phthalate	500	500	500 UJ	-	UG/KG	I/V1
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Di-n-Octylphthalate	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Fluoranthene	66.0	66.0	66.0 UJ	-	UG/KG	I/V1

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Fluorene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Hexachlorobenzene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Hexachlorobutadiene	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Hexachlorocyclopentadiene	3300	3300	3300 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Hexachloroethane	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Indeno(1,2,3-c,d)Pyrene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Isophorone	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Naphthalene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Nitrobenzene	1000	1000	1000 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	n-Nitrosodi-n-propylamine	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	n-Nitrosodiphenylamine	500	500	500 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Phenanthrene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Pyrene	66.0	66.0	66.0 UJ	-	UG/KG	I
SW8270C/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	2,4-Dichlorophenol	600	600	600 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Di-n-Butyl Phthalate	200	200	200 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Fluoranthene	27.0	27.0	27.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	2,4-Dichlorophenol	590	590	590 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Di-n-Butyl Phthalate	200	200	200 UJ		UG/KG	V1
SW8270C/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Fluoranthene	26.0	26.0	26.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	2,4-Dichlorophenol	150	150	150 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Benzyl butyl phthalate	51.0	16.0	16.0 J		UG/KG	TR
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	bis(2-Ethylhexyl) Phthalate	61.0	61.0	61.0 U	+	UG/KG	L
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Di-n-Butyl Phthalate	51.0	51.0	51.0 UJ		UG/KG	V1
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Fluoranthene	6.7	7.7	7.7 J		UG/KG	V1
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	n-Nitrosodiphenylamine	51.0	51.0	51.0 UJ	-	UG/KG	J
SW8270C/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Fluoranthene	7.7	7.7	7.7 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Fluoranthene	7.7	7.7	7.7 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Fluoranthene	7.5	7.5	7.5 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Fluoranthene	7.4	7.4	7.4 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Fluoranthene	7.5	7.5	7.5 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Fluoranthene	7.6	7.6	7.6 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Fluoranthene	7.6	7.6	7.6 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Fluoranthene	7.8	7.8	7.8 UJ		UG/KG	V1

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8270C/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Fluoranthene	7.6	7.6	7.6 UJ	UG/KG	V1	
Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8330B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Nitrobenzene	0.24	0.078	0.078 J	MG/KG	TR	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Detected Results

Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	C10-C20 Diesel Range Organics	210	370	370	MG/KG	
M8015D/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	C20-C34 Motor Oil Range Organics	210	430	430	MG/KG	
M8015D/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	C10-C20 Diesel Range Organics	100	716	350	MG/KG	
M8015D/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	C20-C34 Motor Oil Range Organics	100	400	400	MG/KG	

Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Petroleum Hydrocarbons C6-C12	110	980	980	UG/KG	

Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Silver	0.097	0.033	0.033 J	MG/KG	TR
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Aluminum	2.9	12000	12000	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Arsenic	0.097	9.6	9.6	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Barium	0.97	93.0	93.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Beryllium	0.097	0.69	0.69	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Calcium	9.7	7000	7000	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Cadmium	0.097	0.21	0.21	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Cobalt	0.049	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Chromium	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Copper	0.19	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Iron	4.9	27000	27000	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Potassium	9.7	1100	1100	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Magnesium	9.7	4100	4100	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Manganese	0.49	510	510	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Sodium	9.7	60.0	60.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Nickel	0.097	26.0	26.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Lead	0.097	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Selenium	0.49	0.54	0.54	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Thallium	0.097	0.16	0.16	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Vanadium	0.097	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Zinc	0.49	57.0	57.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Silver	0.098	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Aluminum	2.9	10000	10000	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Arsenic	0.098	7.7	7.7	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Barium	0.98	64.0	64.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Beryllium	0.098	0.68	0.68	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Calcium	9.8	7000	7000	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Cadmium	0.098	0.19	0.19	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Cobalt	0.049	8.2	8.2	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Copper	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Iron	4.9	20000	20000	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Potassium	9.8	800	800	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Magnesium	9.8	3400	3400	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Manganese	0.49	340	340	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Sodium	9.8	89.0	89.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Nickel	0.098	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Lead	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Selenium	0.49	0.47	0.47 J	MG/KG	TR
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Thallium	0.098	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Vanadium	0.098	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Zinc	0.49	44.0	44.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Silver	0.097	0.026	0.026 J	MG/KG	TR
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Aluminum	2.9	6900	6900	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Arsenic	0.097	7.8	7.8	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Barium	0.97	39.0	39.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Beryllium	0.097	0.35	0.35	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Calcium	9.7	1600	1600	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Cadmium	0.097	0.15	0.15	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Cobalt	0.049	5.5	5.5	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Chromium	0.19	9.8	9.8	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Copper	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Iron	4.9	16000	16000	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Potassium	9.7	630	630	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Magnesium	9.7	1700	1700	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Manganese	0.49	220	220	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Sodium	9.7	69.0	69.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Nickel	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Lead	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Selenium	0.49	0.31	0.31 J	MG/KG	TR
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Thallium	0.097	0.098	0.098	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Vanadium	0.097	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Zinc	0.49	37.0	37.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Silver	0.10	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Aluminum	3.0	9700	9700	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Arsenic	0.10	8.1	8.1	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Barium	1.0	55.0	55.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Beryllium	0.10	0.49	0.49	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Calcium	10.0	1500	1500	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Cadmium	0.10	0.17	0.17	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Cobalt	0.050	7.6	7.6	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Copper	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Iron	5.0	20000	20000	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Potassium	10.0	850	850	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Magnesium	10.0	2500	2500	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Manganese	0.50	270	270	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Sodium	10.0	91.0	91.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Nickel	0.10	17.0	17.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Lead	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Selenium	0.50	0.40	0.40 J	MG/KG	TR
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Thallium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Vanadium	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Zinc	0.50	45.0	45.0	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Silver	0.099	0.015	0.015 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Aluminum	3.0	5800	5800	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Arsenic	0.099	5.8	5.8	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Barium	0.99	31.0	31.0	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Beryllium	0.099	0.32	0.32	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Calcium	9.9	6800	6800	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Cadmium	0.099	0.098	0.098 J	MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Cobalt	0.050	7.2	7.2	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Chromium	0.20	9.1	9.1	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Copper	0.20	9.9	9.9	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Iron	5.0	14000	14000	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Potassium	9.9	920	920	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Magnesium	9.9	2700	2700	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Manganese	0.50	200	200	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Sodium	9.9	74.0	74.0	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Nickel	0.099	15.0	15.0	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Lead	0.099	6.5	6.5	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Selenium	0.50	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Thallium	0.099	0.075	0.075 J	MG/KG	TR
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Vanadium	0.099	8.7	8.7	MG/KG	
SW6020/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Zinc	0.50	27.0	27.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Silver	0.10	0.018	0.018 J	MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Aluminum	3.0	8100	8100	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Arsenic	0.10	5.8	5.8	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Barium	1.0	70.0	70.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Beryllium	0.10	0.52	0.52	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Calcium	10.0	6200	6200	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Cadmium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Cobalt	0.050	28.0	28.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Copper	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Iron	5.0	17000	17000	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Potassium	10.0	1200	1200	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Magnesium	10.0	3300	3300	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Manganese	0.50	280	280	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Sodium	10.0	110	110	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Nickel	0.10	22.0	22.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Lead	0.10	8.2	8.2	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Selenium	0.50	0.33	0.33 J	MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Thallium	0.10	0.074	0.074 J	MG/KG	TR
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Vanadium	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Zinc	0.50	34.0	34.0	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Silver	0.10	0.017	0.017 J	MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Aluminum	3.0	3900	3900	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Arsenic	0.10	1.8	1.8	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Barium	1.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Beryllium	0.10	0.34	0.34	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Calcium	10.0	13000	13000	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Cadmium	0.10	0.12	0.12	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Cobalt	0.050	32.0	32.0	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Chromium	0.20	6.1	6.1	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Copper	0.20	4.7	4.7	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Iron	5.0	5200	5200	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Potassium	10.0	530	530	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Magnesium	10.0	1800	1800	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Manganese	0.50	260	260	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Sodium	10.0	110	110	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Nickel	0.10	5.8	5.8	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Lead	0.10	9.1	9.1	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Selenium	0.50	0.26	0.26 J	MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Thallium	0.10	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Vanadium	0.10	4.7	4.7	MG/KG	
SW6020/NONE	SO	070SB-0051M-0001-SO	240-18581-20	N	Zinc	0.50	18.0	18.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Silver	0.10	0.020	0.020 J	MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Aluminum	3.0	7700	7700	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Arsenic	0.10	8.0	8.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Barium	1.0	43.0	43.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Beryllium	0.10	0.42	0.42	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Calcium	10.0	5100	5100	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Cadmium	0.10	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Cobalt	0.050	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Copper	0.20	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Iron	5.0	18000	18000	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Potassium	10.0	1100	1100	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Magnesium	10.0	3200	3200	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Manganese	0.50	270	270	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Sodium	10.0	76.0	76.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Nickel	0.10	20.0	20.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Lead	0.10	9.0	9.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Selenium	0.50	0.27	0.27 J	MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Thallium	0.10	0.097	0.097 J	MG/KG	TR
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Vanadium	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0052M-0001-SO	240-18581-21	N	Zinc	0.50	38.0	38.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Silver	0.098	0.017	0.017 J	MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Aluminum	2.9	7300	7300	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Arsenic	0.098	6.5	6.5	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Barium	0.98	38.0	38.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Beryllium	0.098	0.38	0.38	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Calcium	9.8	11000	11000	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Cadmium	0.098	0.11	0.11	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Cobalt	0.049	8.6	8.6	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Chromium	0.20	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Copper	0.20	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Iron	4.9	17000	17000	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Potassium	9.8	1100	1100	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Magnesium	9.8	3400	3400	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Manganese	0.49	220	220	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Sodium	9.8	86.0	86.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Nickel	0.098	19.0	19.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Lead	0.098	7.6	7.6	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Selenium	0.49	0.24	0.24 J	MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Thallium	0.098	0.091	0.091 J	MG/KG	TR
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Vanadium	0.098	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0053M-0001-SO	240-18581-22	N	Zinc	0.49	34.0	34.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Silver	0.099	0.027	0.027 J	MG/KG	TR
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Aluminum	3.0	10000	10000	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Arsenic	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Barium	0.99	50.0	50.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Beryllium	0.099	0.55	0.55	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Calcium	9.9	16000	16000	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Cadmium	0.099	0.16	0.16	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Cobalt	0.050	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Chromium	0.20	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Iron	5.0	25000	25000	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Potassium	9.9	1400	1400	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Magnesium	9.9	5400	5400	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Manganese	0.50	310	310	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Sodium	9.9	160	160	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Nickel	0.099	26.0	26.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Lead	0.099	11.0	11.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Selenium	0.50	0.42	0.42 J	MG/KG	TR
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Thallium	0.099	0.13	0.13	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Vanadium	0.099	15.0	15.0	MG/KG	
SW6020/NONE	SO	070SB-0054M-0001-SO	240-18581-23	N	Zinc	0.50	51.0	51.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Silver	0.096	0.029	0.029 J	MG/KG	TR
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Aluminum	2.9	9600	9600	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Arsenic	0.096	8.8	8.8	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Barium	0.96	64.0	64.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Beryllium	0.096	0.57	0.57	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Calcium	9.6	15000	15000	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Cadmium	0.096	0.17	0.17	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Cobalt	0.048	49.0	49.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Chromium	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Copper	0.19	16.0	16.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Iron	4.8	21000	21000	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Potassium	9.6	1300	1300	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Magnesium	9.6	4300	4300	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Manganese	0.48	380	380	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Sodium	9.6	150	150	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Nickel	0.096	23.0	23.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Lead	0.096	12.0	12.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Selenium	0.48	0.34	0.34 J	MG/KG	TR
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Thallium	0.096	0.11	0.11	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Vanadium	0.096	13.0	13.0	MG/KG	
SW6020/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Zinc	0.48	46.0	46.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Silver	0.094	0.039	0.039 J	MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Aluminum	2.8	14000	14000	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Arsenic	0.094	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Barium	0.94	150	150	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Beryllium	0.094	0.74	0.74	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Calcium	9.4	2100	2100	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Cadmium	0.094	0.24	0.24	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Cobalt	0.047	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Chromium	0.19	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Copper	0.19	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Iron	4.7	27000	27000	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Potassium	9.4	1500	1500	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Magnesium	9.4	4800	4800	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Manganese	0.47	300	300	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Sodium	9.4	110	110	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Nickel	0.094	42.0	42.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Lead	0.094	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Antimony	0.19	0.078	0.078 J	MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Selenium	0.47	0.44	0.44 J	MG/KG	TR
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Thallium	0.094	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Vanadium	0.094	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Zinc	0.47	57.0	57.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Silver	0.11	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Aluminum	3.3	9600	9600	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Arsenic	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Barium	1.1	41.0	41.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Beryllium	0.11	0.51	0.51	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Calcium	11.0	8200	8200	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Cadmium	0.11	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Cobalt	0.054	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Chromium	0.22	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Copper	0.22	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Iron	5.4	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Potassium	11.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Magnesium	11.0	4400	4400	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Manganese	0.54	340	340	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Sodium	11.0	58.0	58.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Nickel	0.11	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Lead	0.11	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Antimony	0.22	0.056	0.056 J	MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Selenium	0.54	0.43	0.43 J	MG/KG	TR
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Thallium	0.11	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Zinc	0.54	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Silver	0.087	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Aluminum	2.6	9200	9200	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Arsenic	0.087	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Barium	0.87	40.0	40.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Beryllium	0.087	0.52	0.52	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Calcium	8.7	3700	3700	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Cadmium	0.087	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Cobalt	0.043	9.7	9.7	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Chromium	0.17	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Copper	0.17	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Iron	4.3	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Potassium	8.7	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Magnesium	8.7	4400	4400	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Manganese	0.43	280	280	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Sodium	8.7	68.0	68.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Nickel	0.087	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Lead	0.087	9.9	9.9	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Antimony	0.17	0.061	0.061 J	MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Selenium	0.43	0.37	0.37 J	MG/KG	TR
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Thallium	0.087	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Vanadium	0.087	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Zinc	0.43	51.0	51.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Silver	0.10	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Aluminum	3.1	9700	9700	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Arsenic	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Barium	1.0	47.0	47.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Beryllium	0.10	0.54	0.54	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Calcium	10.0	1800	1800	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Cadmium	0.10	0.20	0.20	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Cobalt	0.052	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Chromium	0.21	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Copper	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Iron	5.2	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Potassium	10.0	1200	1200	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Magnesium	10.0	3400	3400	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Manganese	0.52	390	390	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Sodium	10.0	60.0	60.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Nickel	0.10	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Lead	0.10	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Antimony	0.21	0.077	0.077 J	MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Selenium	0.52	0.31	0.31 J	MG/KG	TR
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Thallium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Vanadium	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Zinc	0.52	58.0	58.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Silver	0.098	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Aluminum	2.9	9400	9400	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Arsenic	0.098	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Barium	0.98	42.0	42.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Beryllium	0.098	0.52	0.52	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Calcium	9.8	1700	1700	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Cadmium	0.098	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Cobalt	0.049	9.4	9.4	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Iron	4.9	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Potassium	9.8	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Magnesium	9.8	3300	3300	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Manganese	0.49	290	290	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Sodium	9.8	63.0	63.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Nickel	0.098	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Lead	0.098	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Antimony	0.20	0.062	0.062 J	MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Selenium	0.49	0.37	0.37 J	MG/KG	TR
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Thallium	0.098	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Vanadium	0.098	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Zinc	0.49	50.0	50.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Silver	0.094	0.028	0.028 J	MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Aluminum	2.8	9600	9600	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Arsenic	0.094	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Barium	0.94	29.0	29.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Beryllium	0.094	0.49	0.49	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Calcium	9.4	8200	8200	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Cadmium	0.094	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Cobalt	0.047	9.2	9.2	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Chromium	0.19	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Copper	0.19	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Iron	4.7	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Potassium	9.4	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Magnesium	9.4	5800	5800	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Manganese	0.47	210	210	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Sodium	9.4	71.0	71.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Nickel	0.094	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Lead	0.094	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Antimony	0.19	0.053	0.053 J	MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Selenium	0.47	0.40	0.40 J	MG/KG	TR
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Thallium	0.094	0.097	0.097	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Vanadium	0.094	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Zinc	0.47	49.0	49.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Silver	0.11	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Aluminum	3.4	9700	9700	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Arsenic	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Barium	1.1	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Beryllium	0.11	0.52	0.52	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Calcium	11.0	4300	4300	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Cadmium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Cobalt	0.056	9.9	9.9	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Chromium	0.23	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Copper	0.23	19.0	19.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Iron	5.6	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Potassium	11.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Magnesium	11.0	4500	4500	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Manganese	0.56	200	200	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Sodium	11.0	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Nickel	0.11	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Lead	0.11	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Antimony	0.23	0.065	0.065 J	MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Selenium	0.56	0.38	0.38 J	MG/KG	TR
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Thallium	0.11	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Zinc	0.56	57.0	57.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Silver	0.10	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Aluminum	3.0	9600	9600	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Arsenic	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Barium	1.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Beryllium	0.10	0.51	0.51	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Calcium	10.0	11000	11000	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Cadmium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Cobalt	0.051	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Chromium	0.20	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Iron	5.1	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Potassium	10.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Magnesium	10.0	4700	4700	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Manganese	0.51	310	310	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Sodium	10.0	54.0	54.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Nickel	0.10	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Lead	0.10	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Antimony	0.20	0.069	0.069 J	MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Selenium	0.51	0.34	0.34 J	MG/KG	TR
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Thallium	0.10	0.11	0.11	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Vanadium	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Zinc	0.51	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Silver	0.11	0.034	0.034 J	MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Aluminum	3.3	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Arsenic	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Barium	1.1	32.0	32.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Beryllium	0.11	0.55	0.55	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Calcium	11.0	3700	3700	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Cadmium	0.11	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Cobalt	0.056	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Chromium	0.22	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Copper	0.22	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Iron	5.6	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Potassium	11.0	1800	1800	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Magnesium	11.0	4600	4600	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Manganese	0.56	190	190	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Sodium	11.0	56.0	56.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Nickel	0.11	26.0	26.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Lead	0.11	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Antimony	0.22	0.060	0.060 J	MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Selenium	0.56	0.42	0.42 J	MG/KG	TR
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Thallium	0.11	0.12	0.12	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Zinc	0.56	59.0	59.0	MG/KG	

Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Mercury	0.095	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Mercury	0.11	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Mercury	0.088	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	Mercury	0.091	0.021	0.021 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Mercury	0.13	0.018	0.018 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Mercury	0.11	0.018	0.018 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW7471A/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Mercury	0.13	0.020	0.020 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Mercury	0.12	0.019	0.019 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Mercury	0.11	0.017	0.017 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Mercury	0.12	0.016	0.016 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Mercury	0.11	0.017	0.017 J	MG/KG	TR

Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Acetone	18.0	24.0	24.0	UG/KG	
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzene	4.5	0.73	0.73 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Toluene	4.5	2.7	2.7 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Ethylbenzene	4.5	4.7	4.7	UG/KG	
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Methyl Ethyl Ketone (2-Butanone)	18.0	6.2	6.2 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Xylenes, Total	8.9	20.0	20.0	UG/KG	
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzene	5.4	0.84	0.84 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Toluene	5.4	1.9	1.9 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Ethylbenzene	5.4	4.7	4.7 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Methyl Ethyl Ketone (2-Butanone)	21.0	5.5	5.5 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Xylenes, Total	11.0	20.0	20.0	UG/KG	
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Acetone	23.0	41.0	41.0 J -	UG/KG	I
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Benzene	5.7	1.3	1.3 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Toluene	5.7	3.3	3.3 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Ethylbenzene	5.7	1.8	1.8 J -	UG/KG	M/I/TR
SW8260B/NONE	SO	070SB-0044M-0001-SO	240-18581-3	N	Methyl Ethyl Ketone (2-Butanone)	23.0	12.0	12.0 J -	UG/KG	I/TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Acetone	21.0	19.0	19.0 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Benzene	5.2	0.40	0.40 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Toluene	5.2	2.5	2.5 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Carbon Disulfide	5.2	0.63	0.63 J	UG/KG	TR
SW8260B/NONE	SO	070SB-0046M-0001-SO	240-18581-5	N	Methyl Ethyl Ketone (2-Butanone)	21.0	4.6	4.6 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0056-0001-SO	240-18581-7	N	Toluene	4.8	1.9	1.9 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0057-0001-SO	240-18581-8	N	Toluene	4.8	1.9	1.9 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0058-0001-SO	240-18581-9	N	Toluene	4.4	1.3	1.3 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0059-0001-SO	240-18581-10	N	Toluene	4.1	1.2	1.2 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0060-0001-SO	240-18581-11	N	Toluene	4.4	1.4	1.4 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8260B/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Toluene	4.3	1.1	1.1 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0071-0001-SO	240-18581-14	N	Toluene	4.1	1.2	1.2 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0072-0001-SO	240-18581-15	N	Toluene	4.4	1.0	1.0 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0073-0001-SO	240-18581-16	N	Toluene	4.5	1.0	1.0 J	UG/KG	TR

Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Acenaphthene	66.0	380	380	UG/KG	
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Acenaphthylene	66.0	79.0	79.0	UG/KG	
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(a)anthracene	66.0	140	140	UG/KG	
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(a)pyrene	66.0	41.0	41.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(b)fluoranthene	66.0	34.0	34.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Benzo(g,h,i)perylene	66.0	57.0	57.0 J -	UG/KG	TR/J/M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Chrysene	66.0	190	190 J	UG/KG	d
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Dibenzofuran	500	250	250 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Fluorene	66.0	650	650 J -	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Fluoranthene	66.0	170	170 J	UG/KG	V1
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	2-Methylnaphthalene	66.0	680	680 J -	UG/KG	M
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Naphthalene	66.0	50.0	50.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Phenanthrene	66.0	1000	1000	UG/KG	
SW8270C/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Pyrene	66.0	1000	1000	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Acenaphthene	66.0	260	260	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Acenaphthylene	66.0	61.0	61.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(a)anthracene	66.0	150	150	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(a)pyrene	66.0	51.0	51.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Benzo(b)fluoranthene	66.0	33.0	33.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Chrysene	66.0	98.0	98.0 J	UG/KG	d
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Dibenzofuran	490	180	180 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Fluorene	66.0	500	500	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Fluoranthene	66.0	120	120 J	UG/KG	V1
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	2-Methylnaphthalene	66.0	660	660	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Naphthalene	66.0	51.0	51.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Phenanthrene	66.0	810	810	UG/KG	
SW8270C/NONE	SO	070SB-0043M-0001-SO	240-18581-2	FD	Pyrene	66.0	730	730	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	2-Methylnaphthalene	67.0	81.0	81.0	UG/KG	
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Naphthalene	67.0	69.0	69.0	UG/KG	
SW8270C/NONE	SO	070SB-0045M-0001-SO	240-18581-4	FD	Phenanthrene	67.0	45.0	45.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0047M-0001-SO	240-18581-6	FD	2-Methylnaphthalene	67.0	34.0	34.0 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0049M-0001-SO	240-18581-18	N	Naphthalene	6.6	3.9	3.9 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Dibenzofuran	51.0	3.8	3.8 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Fluorene	6.8	3.4	3.4 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Fluoranthene	6.8	7.9	7.9 J	UG/KG	V1
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	2-Methylnaphthalene	6.8	5.2	5.2 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Naphthalene	6.8	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Phenanthrene	6.8	14.0	14.0	UG/KG	
SW8270C/NONE	SO	070SB-0050M-0001-SO	240-18581-19	N	Pyrene	6.8	4.2	4.2 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Acenaphthene	6.7	12.0	12.0	UG/KG	
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Benzyl butyl phthalate	51.0	16.0	16.0 J	UG/KG	TR
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Fluorene	6.7	19.0	19.0	UG/KG	
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Fluoranthene	6.7	7.7	7.7 J	UG/KG	V1
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Phenanthrene	6.7	38.0	38.0	UG/KG	
SW8270C/NONE	SO	070SS-0048M-0001-SO	240-18581-17	N	Pyrene	6.7	8.7	8.7	UG/KG	
SW8270C/NONE	SO	072SB-0070-0001-SO	240-18581-13	N	Phenanthrene	7.6	18.0	18.0	UG/KG	

Test Leach	Matrix	Field Sample ID	Lab Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8330B/NONE	SO	070SB-0042M-0001-SO	240-18581-1	N	Nitrobenzene	0.24	0.078	0.078 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Rejected Results

Test Leach	Matrix	Field Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Aldrin	200	200	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	alpha BHC (alpha Hexachlorocyclohexane)	120	120	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	beta BHC (beta Hexachlorocyclohexane)	170	170	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	delta BHC (delta Hexachlorocyclohexane)	200	200	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	gamma BHC (Lindane)	120	120	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	alpha-Chlordane	150	150	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	gamma-Chlordane	84.0	84.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	p,p'-DDD	99.0	99.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	p,p'-DDE	84.0	84.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	p,p'-DDT	99.0	99.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Dieldrin	84.0	84.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	alpha Endosulfan	84.0	84.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	beta Endosulfan	120	120	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Endosulfan Sulfate	150	150	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Endrin	84.0	84.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Endrin Aldehyde	150	150	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Endrin Ketone	99.0	99.0	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Heptachlor	170	170	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Heptachlor Epoxide	120	120	R	UG/KG	I/V2
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Methoxychlor	250	250	R	UG/KG	I
SW8081/NONE	SO	070SB-0046M-0001-SO	N	Toxaphene	3300	3300	R	UG/KG	I/V2

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Rejected Results

Test Leach	Matrix	Field Sample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	070SB-0042M-0001-SO	N	4-Chloroaniline	1500	1500	R	UG/KG	M
SW8270C/NONE	SO	070SB-0044M-0001-SO	N	4-Chloroaniline	1500	1500	R	UG/KG	M

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Anomalies Count

SDG Name: 240-18581-1_(70-72-SB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	3	3
M8015D/SW3540C/NONE	11	22
M8015V/SW3550B/NONE	2	2
SW6020/SW3050B/NONE	5	20
SW7471A/TOTAL/NONE	11	11
SW8081/SW3540C/NONE	3	63
SW8082/SW3540C/NONE	11	77
SW8260B/SW5035/NONE	4	108
SW8270C/SW3550/NONE	13	541

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

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Worksheet

SDG Name: 240-18581-1_(70-72-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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y			Detected in MB; impacted all samples (results changed to ND)
Was a field blank collected and analyzed?		N		Not Required
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?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a duplicate sample prepared and analyzed with each batch?			•	Not Required
Was the duplicate RPD within QAPP acceptance limits?			•	Not Required
Was a MS/MSD pair prepared with each batch?		N		Not Required
Is the MS/MSD parent sample the one designated by the sampling team?			•	Not Requested for this analysis
Were the MS/MSD recoveries and RPDs within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			

Method: M8015D

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?		N		One set of CCVs had %D > 20%; impacted results for samples 7-11, and 13-16.
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
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%) ?	Y			
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y			
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

Method: M8015V

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			Analysis requested on COC but sample 1 not physically submitted for analysis. Sample re-submitted at a later date.
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?			•	
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS Only
Were the LCS recoveries within QAPP acceptance limits?	Y			
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%) ?		N		Primary sample of primary/duplicate pair not submitted (see COC question above)
Is the MS/MSD parent sample the one designated by the sampling team?	Y			
Were MS/MSD recoveries and RPD within QAPP acceptance limits?		N		Results of both MS/MSDs not usable because native sample concentration greater than 4 x spiked concentration.
Were all QAPP-specified target analytes reported?	Y			
Were reported sample concentrations within calibration range?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Were sample preparation sheets present and filled out appropriately?	Y			
Were instrument run logs present and filled out appropriately?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?	Y			Fe and Mn detected in CCBs, Al, Ba, Ca, Cu, Fe, Mg, Mn, and Zn detected in MBs < CRQL; No impact on sample data.
Was a field blank collected and analyzed?		N		Not Required
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?	Y			
Was the ICS recovery within QAPP acceptance limits?	Y			Ba, Co, Cu, Se, and Zn noted in ISCA as having values > MDLs. However, all values were below their CRQLs; no impact on data.
If a field duplicate was analyzed, were the RPDs within criteria?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?		N		No MS/MSD requested.
Is the MS/MSD parent sample the one designated by the sampling team?			•	Not Required
Were the MS/MSD within QAPP acceptance limits?			•	
Was a serial dilution prepared and analyzed with each batch?	Y			
Was the serial dilution within QAPP acceptance limits?	Y			
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement? Y

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were QAPP specified RLs achieved?	Y			
Were all QAPP specified target analytes reported?	Y			
Was the initial calibration curve within QAPP acceptance limits?			•	Not Required
Were the ICV/CCVs analyzed (frequency) as required in the QAPP?	Y			
Were ICV/CCV results within QAPP acceptance limits?	Y			
Were the ICB/CCBs analyzed (frequency) as required in the QAPP?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the ICB/CCB/method blank?		N		
Was a field blank collected and analyzed?		N		Not Required
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?	Y			
Was a LCS prepared and analyzed with each batch?	Y			
Were the LCS recoveries within QAPP acceptance limits?	Y			
Was a MS/MSD pair prepared with each batch?		N		No MS/MSD requested.
Is the MS/MSD parent sample the one designated by the sampling team?			•	Not Required
Were the MS/MSD within QAPP acceptance limits?			•	
Were sample concentrations within calibration range?	Y			
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y			
Are all samples associated with QC non-compliances flagged appropriately?	Y			
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y			

Method: SW8081

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

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Were samples preserved properly and received in good condition?	Y	
Were sample receipt temperatures met?	N	One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y	
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y	
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y	
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y	
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y	
Was the CCV a mid-level standard from the initial calibration curve?	Y	
Was the CCV %D within criteria (%D =20%)?	N	Numerous %D outside criteria in one pair of CCVs, impacting sample 1. All sample 1 results except 4,4'-DDE and endrin ketone are impacted. All other compounds are qualified in sample 1. %Ds outside QC criteria for Heptachlor epoxide and toxaphene in one pair of CCVs, impacting samples 3 and 5. Heptachlor epoxide and toxaphene are qualified in samples 3 and 5.
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	N	
Was a field blank (equipment or trip) collected and analyzed?	N	Not Required
Were target analytes reported in the field blank analyses above the MDL?		•
Were surrogate recoveries within QAPP acceptance limits?	Y	Sample 1 TCX > QC criteria in both columns; sample results ND, no impact. Sample 5 surrogates below QC criteria (< 10%) in both columns; results (ND) Rejected for sample 5.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y	Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y	
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%) ?		• No field duplicate submitted.
Were the Breakdown products within QAPP acceptance limits?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	Several MS spikes below RLs due to dilution of sample. (All samples in set diluted X50).
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y	
Were all QAPP-specified target analytes reported?	Y	
Were reported sample concentrations within calibration range?	Y	
Were RPDs between primary and confirmation columns < 40%?		• No detections
Are all samples associated with QC non-compliances flagged appropriately?	Y	

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y
Were sample preparation sheets present and filled out appropriately?	Y
Were instrument run logs present and filled out appropriately?	Y

Method: SW8082

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?		N		Samples 5, 6, and 17 were re-extracted and re-analyzed due to surrogates outside QC criteria in the initial analytical run. Re-extractions were performed outside of holding time. Results for samples 5, 6, and 17 (reported from re-analysis) are considered estimated (all ND).
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?			•	Not Required
Were surrogate recoveries within QAPP acceptance limits?	Y			See note above. Original data for 5, 6, and 17 not reported.
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
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%) ?	Y			
Were the Breakdown products within QAPP acceptance limits?			•	Not Required
Is the MS/MSD parent sample the one designated by the sampling team?		N		No MS/MSD specifically requested for this analysis. Lab chose sample 6 to perform MS/MSD.

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

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

Method: SW8151

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?		N		%D for MCPP and MCPA outside QC criteria; impacting those compounds for samples 3 and 4.
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		
Were target analytes reported in the field blank analyses above the MDL?				Not Required
Were surrogate recoveries within QAPP acceptance limits?	Y			
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y			Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y			
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%) ?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Were the Breakdown products within QAPP acceptance limits?		•	Not Required
Is the MS/MSD parent sample the one designated by the sampling team?	Y		
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y		
Were all QAPP-specified target analytes reported?	Y		
Were reported sample concentrations within calibration range?	Y		
Were RPDs between primary and confirmation columns < 40%?		•	No detections
Are all samples associated with QC non-compliances flagged appropriately?	Y		MCPA recovery below QC criteria in opening MRL; impacted results in samples 3 and 4.
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y		
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y		
Were sample preparation sheets present and filled out appropriately?	Y		
Were instrument run logs present and filled out appropriately?	Y		

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were QAPP specified PQLs achieved?	Y			
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Was the CCV a mid-level standard from the initial calibration curve?	Y	
Did the CCCs have a %Difference within QAPP acceptance limits?	Y	
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y	
Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y	
Were the retention times for all IS compounds within QAPP acceptance limits?	Y	
Are the area counts of all IS compounds within QAPP acceptance limits?	N	I.S. area for DCB below QC limits for sample 3 (potential positive bias). Given that the only compound quantitated using DCB on the target analyte list is 1,1,2,2,-TCA, and TCA is ND, there is no impact to the data.
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	Acetone, 2-hexanone, methylene chloride, and 4-methyl-2-pentanone detected in MBs < CRQL. Acetone for sample 2, 2-hexanone for samples 3 and 5, methylene chloride for samples 2 and 5, and 4-methyl-2-pentanone for samples 3 and 5 were impacted (results changed to ND).
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	Y	2 Trip blank submitted.
Were target analytes reported in the field blank analyses above the MDL?	Y	Methylene chloride detected < CRQL in first TB, impacting sample 2 and 5 (results changed to ND).
If a field duplicate was analyzed, were the RPDs within QAPP acceptance limits?	Y	
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	Single LCS only
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
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?	Y	2-Hexanone recovery below QC criteria in one MRL; impacted results in samples 1, 3, 5, 7-11, and 13-16. Methylene chloride recovery above QC criteria in one MRL; impacted result for sample 5.
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Was a MS/MSD pair prepared with each batch?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	N	Sample 1 MS/MSD - all % recoveries and RPDs within QC criteria. Sample 3 MS/MSD - % recoveries for ethyl benzene below QC criteria in MS and for 1,1,2,2-TCA above QC criteria. Ethylbenzene result in sample 3 qualified. No impact to ND 1,1,2,2,-TCA result. RPD for 1,1,2,2-TCA exceeds

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

criteria. No impact to ND result. Sample 5 - all % recoveries and RPDs within QC criteria. Lab miscalculated RD for acetone from different spiked concentration; actual RPD ok.

Were surrogate recoveries within QAPP acceptance limits?	N	Surrogate recovery below QC criteria for sample 3. All results for sample 3 qualified/considered estimates.
Were reported sample concentrations within calibration range?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were instrument run logs present and filled out appropriately?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	

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?	Y			
Were samples preserved properly and received in good condition?	Y			
Were holding times met?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were QAPP specified PQLs achieved?	Y			Samples 1-6 and 21-22 diluted X 10. Samples 22 and 23 diluted X 4.
Were all QAPP-specified target analytes reported?	Y			
Was the GC/MS system tuned with bromofluorobenzene (BFB)?	Y			
Was the criteria met during each 12 hour shift (prior to ICAL and Cal Ver.)?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Did the Calibration Check Compounds (CCCs) have a relative standard deviation within QAPP acceptance limits?	Y			
Were the average response factors (RFs) for the System Performance Check Compounds (SPCCs) within QAPP acceptance limits?	Y			
Were all other target analytes within criteria? OR Was the average across all target analytes within criteria? Was a different calibration option used?	Y			
If a linear regression curve was used, was the correlation coefficient within criteria?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria?		N		2,4-Dichlorobiphenyl, di-n-butyl phthalate, and fluoranthene %D>20% in ICV; Samples 1-6 and 17-23 impacted.
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Did the CCCs have a %Difference within QAPP acceptance limits?	Y			
Were the average RFs for the SPCCs within QAPP acceptance limits?	Y			

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

Was the average %D (difference or drift) for all target analytes within QAPP acceptance limits?	Y	
Were the internal standards added to every standard, blank, matrix spike, matrix spike duplicate, and sample?	Y	
Were the retention times for all IS compounds within QAPP acceptance limits?	Y	
Are the area counts of all IS compounds within QAPP acceptance limits?	Y	
Was a method blank prepared and analyzed with each batch?	Y	
Were target analytes detected in the method blank above the MDL?	Y	BEHP detected in one MB; impacted results in samples 17, 18, and 19 (changed to ND).
Was a field blank (equipment or trip) collected and analyzed at the required frequency?	N	Not Required
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?	N	The RPD for chrysene for samples 1/2 is outside QC criteria. The chrysene results for this pair are qualified as estimates.
Was an LCS/LCSD pair prepared and analyzed with each batch?	Y	Single LCS only
Were the LCS/LCSD recoveries within QAPP acceptance limits?	Y	
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?	Y	Benzo(g,h,i)perylene and 2,4-dinitrophenol recoveries were below QC criteria in one MRL; results for samples 1-6 impacted/considered estimates. N-Nitrosodiphenylamine recoveries were below QC criteria (0%) in two MRLs; ND results for samples 1-6 and 14-19 are Rejected. Di-n-octyl phthalate recovery was above QC criteria in one MRL. Given that the associated data was ND, there is no impact.
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Was a MS/MSD pair prepared with each batch?	Y	
Is the MS/MSD parent sample the one designated by the sampling team?	Y	
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	N	Sample 1 MS/MSD - 4-chloroaniline result in sample 1 was Rejected due to 0% recoveries in MS and MSD. Due to recoveries below QC criteria in MSD, the following results for sample 1 are considered estimates: benzo(g,h,i] perylene, dibenz(a,h)anthracene, 1,2-dichlorobenzene, 1,3-dichlorobenzene, fluorene, and 2-Methylnaphthalene. % recoveries for n-nitrosodiphenyl amine were above QC criteria; however, as result was ND in sample, there was no impact. All RPDs within QC criteria. Sample 3 MS/MSD - - 4-chloroaniline result in sample 3 was Rejected due to 0% recoveries in MS and MSD. Due to recoveries below QC criteria in MS and/or MSD, the following

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

results for sample 1 are considered estimates: benzo(g,h,i] perylene, bis(2-chloroethoxy)methane, dibenz(a,h)anthracene, , 1,2-dichlorobenzene, Indeno (1,2,3-cd) pyrene, and 1,2,4-trichlorobenzene. All RPDs within QC criteria. Sample 5 MS/MSD - benzo(a)pyrene is considered an estimate due to MS recovery below QC criteria. All RPDs within QC criteria.

Were surrogate recoveries within QAPP acceptance limits?	N	One base/neutral surrogate recovered below QC limits for sample 20. All base/neutral compounds are considered estimates in that sample. One acid surrogate recovered below QC limits for sample 21; all acid compounds are considered estimates in that sample.
Were reported sample concentrations within calibration range?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were instrument run logs present and filled out appropriately?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	

Method: SW8330B

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report?	Y			
Were samples preserved properly and received in good condition?	Y			
Were sample receipt temperatures met?		N		One Cooler temp < 2 degrees C; no ice/breakage, no impact
Were holding times for prep and analysis met?	Y			
Does the initial calibration curve consist of 5 concentration levels, with the low standard near but > MDL?	Y			
Is the ICAL %RSD within acceptance limits (%D =20%) on both columns?	Y			
Was a second source verification analyzed after the ICAL and all analytes within criteria (%D =20%)?	Y			
Was a CCV run at the beginning of the analytical sequence and every 12 hours?	Y			
Was the CCV a mid-level standard from the initial calibration curve?	Y			
Was the CCV %D within criteria (%D =20%)?	Y			CCVLs had results >20%; lab performed required corrective action.
Was a method blank prepared and analyzed with each batch?	Y			
Were target analytes detected in the method blank above the MDL?		N		
Was a field blank (equipment or trip) collected and analyzed?		N		Not Required
Were target analytes reported in the field blank analyses above the MDL?				
Were surrogate recoveries within QAPP acceptance limits?		N		Sample 1 surrogate recovery above QC criteria in confirmation

AUTOMATED DATA REVIEW SUMMARY for 240-18581-1_(70-72-SB)

		column only. All results ND; no impact
Was an LCS/LCSD pair prepared and analyzed with each batch? (if applicable)	Y	Single LCS only
Were the LCS recoveries within QAPP acceptance limits?	Y	
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%) ?		• No field duplicate submitted
Is the MS/MSD parent sample the one designated by the sampling team?	N	No MS/MSD specifically requested for this analysis. Lab chose sample 1 to perform MS/MSD.
Were MS/MSD recoveries and RPD within QAPP acceptance limits?	Y	
Were all QAPP-specified target analytes reported?	Y	
Were reported sample concentrations within calibration range?	Y	
Were RPDs between primary and confirmation columns < 40%?		• All results ND
Did PDA spectra for reported compounds match associated standard spectra?		• Not required
Are all samples associated with QC non-compliances flagged appropriately?	Y	
Are the Qualified, Detected, and Rejected tables of the ADR report in agreement?	Y	
Have all Laboratory Case Narrative comments/findings been addressed in the data review process?	Y	
Were sample preparation sheets present and filled out appropriately?	Y	
Were instrument run logs present and filled out appropriately?	Y	

Custom Report Title

Field Duplicates for SDG: 240-18581-1_(70-72-SB)

Location **Analysis**
 70-4740-DU3-SB6 SW6020

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Aluminum	6900	9700	2.90	33.7	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Antimony	ND	ND	0.190	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Arsenic	7.80	8.10	0.0970	3.77	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Barium	39.0	55.0	0.970	34.0	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Beryllium	0.350	0.490	0.0970	33.3	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Cadmium	0.150	0.170	0.0970	12.5	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Calcium	1600	1500	9.70	6.45	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Chromium	9.80	14.0	0.190	35.3	Out	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Cobalt	5.50	7.60	0.0490	32.1	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Copper	14.0	16.0	0.190	13.3	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Iron	16000	20000	4.90	22.2	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Lead	12.0	14.0	0.0970	15.4	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Magnesium	1700	2500	9.70	38.1	Out	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Manganese	220	270	0.490	20.4	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Nickel	12.0	17.0	0.0970	34.5	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Potassium	630	850	9.70	29.7	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Selenium	0.310	0.400	0.490	25.4	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Silver	0.0260	0.0290	0.0970	10.9	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Sodium	69.0	91.0	9.70	27.5	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Thallium	0.0980	0.130	0.0970	28.1	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Vanadium	12.0	16.0	0.0970	28.6	OK	NA
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Zinc	37.0	45.0	0.490	19.5	OK	NA

Location **Analysis**
 70-4740-DU3-SB6 SW7471A

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Mercury	0.0180	0.0210	0.0880	15.4	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

The RPD criteria used for organic analysis is: 50
 The RPD criteria used for non-organic analysis is: 35

Custom Report Title

Location **Analysis**

70-4740-DU3-SB6 SW8082

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1016 (Arochlor 1016)	ND	ND	65.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1221 (Arochlor 1221)	ND	ND	50.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1232 (Arochlor 1232)	ND	ND	45.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1242 (Arochlor 1242)	ND	ND	40.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1248 (Arochlor 1248)	ND	ND	55.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1254 (Arochlor 1254)	ND	ND	55.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1260 (Arochlor 1260)	ND	ND	55.0	NA	NA	OK

Location **Analysis**

70-4740-DU3-SB6 SW8270C

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	1,2,4-Trichlorobenzene	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	1,2-Dichlorobenzene	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	1,3-Dichlorobenzene	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	1,4-Dichlorobenzene	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4,5-Trichlorophenol	ND	ND	1500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4,6-Trichlorophenol	ND	ND	1500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4-Dichlorophenol	ND	ND	1500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4-Dimethylphenol	ND	ND	1500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4-Dinitrophenol	ND	ND	3300	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4-Dinitrotoluene	ND	ND	2000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,6-Dinitrotoluene	ND	ND	2000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Chloronaphthalene	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Chlorophenol	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Methylnaphthalene	ND	34.0	67.0		NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Methylphenol (o-Cresol)	ND	ND	2000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Nitroaniline	ND	ND	2000	NA	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

The RPD criteria used for organic analysis is: 50
 The RPD criteria used for non-organic analysis is: 35

Custom Report Title

070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Nitrophenol	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	3,3'-Dichlorobenzidine	ND	ND	1000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	3-Nitroaniline	ND	ND	2000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4,6-Dinitro-2-Methylphenol	ND	ND	1500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Bromophenyl phenyl ether	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Chloro-3-Methylphenol	ND	ND	1500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Chloroaniline	ND	ND	1500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Chlorophenyl Phenyl Ether	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Nitroaniline	ND	ND	2000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Nitrophenol	ND	ND	3300	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Acenaphthene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Acenaphthylene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Anthracene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzo(a)anthracene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzo(a)pyrene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzo(b)fluoranthene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzo(g,h,i)perylene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzo(k)fluoranthene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzoic acid	ND	ND	6600	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzyl alcohol	ND	ND	3300	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzyl butyl phthalate	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	bis(2-Chloroethoxy) Methane	ND	ND	1000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	1000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	bis(2-Chloroisopropyl) Ether	ND	ND	1000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	bis(2-Ethylhexyl) Phthalate	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Carbazole	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Chrysene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Cresols, m & p	ND	ND	4000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Di-n-Butyl Phthalate	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Di-n-Octylphthalate	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Dibenz(a,h)anthracene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Dibenzofuran	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Diethyl Phthalate	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Dimethyl Phthalate	ND	ND	500	NA	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

The RPD criteria used for organic analysis is: 50
 The RPD criteria used for non-organic analysis is: 35

Custom Report Title

070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Fluoranthene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Fluorene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Hexachlorobenzene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Hexachlorobutadiene	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Hexachlorocyclopentadiene	ND	ND	3300	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Hexachloroethane	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Indeno(1,2,3-c,d)Pyrene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Isophorone	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	n-Nitrosodi-n-propylamine	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	n-Nitrosodiphenylamine	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Naphthalene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Nitrobenzene	ND	ND	1000	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Pentachlorophenol	ND	ND	1500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Phenanthrene	ND	ND	67.0	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Phenol	ND	ND	500	NA	NA	OK
070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Pyrene	ND	ND	67.0	NA	NA	OK

Location **Analysis**
70-4744-DU1-SB6 M8015D

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	C10-C20 Diesel Range Organics	370	350	210	5.56	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	C20-C34 Motor Oil Range Organics	430	400	210	7.23	NA	OK

Location **Analysis**
70-4744-DU1-SB6 SW8260B

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,1,1-Trichloroethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,1,2,2-Tetrachloroethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,1,2-Trichloroethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,1-Dichloroethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,1-Dichloroethene	ND	ND	4.50	NA	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

The RPD criteria used for organic analysis is: 50
The RPD criteria used for non-organic analysis is: 35

Custom Report Title

070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2-Dibromoethane (Ethylene Dibromide)	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2-Dichloroethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2-Dichloropropane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Hexanone	ND	ND	18.0	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Acetone	24.0	ND	18.0		NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzene	0.730	0.840	4.50	14.0	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Bromochloromethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Bromodichloromethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Bromoform	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Bromomethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Carbon Disulfide	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Carbon Tetrachloride	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Chlorobenzene	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Chloroethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Chloroform	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Chloromethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	cis-1,3-Dichloropropene	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Dibromochloromethane	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Ethylbenzene	4.70	4.70	4.50	0.00	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Methyl Ethyl Ketone (2-Butanone)	6.20	5.50	18.0	12.0	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Methyl Isobutyl Ketone (4-Methyl-2-pentanone)	ND	ND	18.0	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Methylene Chloride	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Styrene	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	tert-Butyl Methyl Ether	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Tetrachloroethylene (PCE)	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Toluene	2.70	1.90	4.50	34.8	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Total 1,2-Dichloroethene	ND	ND	8.90	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	trans-1,3-Dichloropropene	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Trichloroethylene (TCE)	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Vinyl Chloride	ND	ND	4.50	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Xylenes, Total	20.0	20.0	8.90	0.00	NA	OK

Location Analysis

70-4744-DU1-SB6 SW8270C

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

The RPD criteria used for organic analysis is: 50
 The RPD criteria used for non-organic analysis is: 35

Custom Report Title

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2,4-Trichlorobenzene	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2-Dichlorobenzene	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,3-Dichlorobenzene	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,4-Dichlorobenzene	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4,5-Trichlorophenol	ND	ND	1500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4,6-Trichlorophenol	ND	ND	1500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4-Dichlorophenol	ND	ND	1500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4-Dimethylphenol	ND	ND	1500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4-Dinitrophenol	ND	ND	3300	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4-Dinitrotoluene	ND	ND	2000	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,6-Dinitrotoluene	ND	ND	2000	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Chloronaphthalene	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Chlorophenol	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Methylnaphthalene	680	660	66.0	2.99	OK	NA
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Methylphenol (o-Cresol)	ND	ND	2000	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Nitroaniline	ND	ND	2000	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Nitrophenol	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	3,3'-Dichlorobenzidine	ND	ND	990	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	3-Nitroaniline	ND	ND	2000	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4,6-Dinitro-2-Methylphenol	ND	ND	1500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Bromophenyl phenyl ether	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Chloro-3-Methylphenol	ND	ND	1500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Chloroaniline	ND	ND	1500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Chlorophenyl Phenyl Ether	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Nitroaniline	ND	ND	2000	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Nitrophenol	ND	ND	3300	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Acenaphthene	380	260	66.0	37.5	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Acenaphthylene	79.0	61.0	66.0	25.7	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Anthracene	ND	ND	66.0	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzo(a)anthracene	140	150	66.0	6.90	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzo(a)pyrene	41.0	51.0	66.0	21.7	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzo(b)fluoranthene	34.0	33.0	66.0	2.99	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

The RPD criteria used for organic analysis is: 50
 The RPD criteria used for non-organic analysis is: 35

Custom Report Title

070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzo(g,h,i)perylene	57.0	ND	66.0		NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzo(k)fluoranthene	ND	ND	66.0	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzoic acid	ND	ND	6500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzyl alcohol	ND	ND	3300	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzyl butyl phthalate	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	bis(2-Chloroethoxy) Methane	ND	ND	990	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	990	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	bis(2-Chloroisopropyl) Ether	ND	ND	990	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	bis(2-Ethylhexyl) Phthalate	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Carbazole	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Chrysene	190	98.0	66.0	63.9	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Cresols, m & p	ND	ND	4000	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Di-n-Butyl Phthalate	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Di-n-Octylphthalate	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Dibenz(a,h)anthracene	ND	ND	66.0	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Dibenzofuran	250	180	500	32.6	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Diethyl Phthalate	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Dimethyl Phthalate	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Fluoranthene	170	120	66.0	34.5	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Fluorene	650	500	66.0	26.1	OK	NA
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Hexachlorobenzene	ND	ND	66.0	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Hexachlorobutadiene	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Hexachlorocyclopentadiene	ND	ND	3300	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Hexachloroethane	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Indeno(1,2,3-c,d)Pyrene	ND	ND	66.0	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Isophorone	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	n-Nitrosodi-n-propylamine	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	n-Nitrosodiphenylamine	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Naphthalene	50.0	51.0	66.0	1.98	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Nitrobenzene	ND	ND	990	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Pentachlorophenol	ND	ND	1500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Phenanthrene	1000	810	66.0	21.0	OK	NA
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Phenol	ND	ND	500	NA	NA	OK
070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Pyrene	1000	730	66.0	31.2	OK	NA

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

The RPD criteria used for organic analysis is: 50
 The RPD criteria used for non-organic analysis is: 35

Custom Report Title

Location **Analysis**
70-4760-DU5-SB6 SW8151

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4 DB	ND	ND	80.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4,5-T (Trichlorophenoxyacetic Acid)	ND	ND	20.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4-D (Dichlorophenoxyacetic Acid)	ND	ND	80.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Dalapon	ND	ND	40.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Dicamba	ND	ND	40.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Dichloroprop	ND	ND	80.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Dinoseb	ND	ND	12.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	MCPA	ND	ND	8000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	MCPPP	ND	ND	8000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Pentachlorophenol	ND	ND	10.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Silvex (2,4,5-TP)	ND	ND	20.0	NA	NA	OK

Location **Analysis**
70-4760-DU5-SB6 SW8270C

Field ID - Primary/Field Dup	Lab ID - Primary/Field Dup	Analyte	Primary Result	FD Result	RL	RPD	RPD Check	RL Check
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	1,2,4-Trichlorobenzene	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	1,2-Dichlorobenzene	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	1,3-Dichlorobenzene	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	1,4-Dichlorobenzene	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4,5-Trichlorophenol	ND	ND	1500	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4,6-Trichlorophenol	ND	ND	1500	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4-Dichlorophenol	ND	ND	1500	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4-Dimethylphenol	ND	ND	1500	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4-Dinitrophenol	ND	ND	3300	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4-Dinitrotoluene	ND	ND	2000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,6-Dinitrotoluene	ND	ND	2000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Chloronaphthalene	ND	ND	510	NA	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

The RPD criteria used for organic analysis is: 50
The RPD criteria used for non-organic analysis is: 35

Custom Report Title

070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Chlorophenol	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Methylnaphthalene	ND	81.0	67.0		NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Methylphenol (o-Cresol)	ND	ND	2000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Nitroaniline	ND	ND	2000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Nitrophenol	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	3,3'-Dichlorobenzidine	ND	ND	1000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	3-Nitroaniline	ND	ND	2000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4,6-Dinitro-2-Methylphenol	ND	ND	1500	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Bromophenyl phenyl ether	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Chloro-3-Methylphenol	ND	ND	1500	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Chloroaniline	ND	ND	1500	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Chlorophenyl Phenyl Ether	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Nitroaniline	ND	ND	2000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Nitrophenol	ND	ND	3300	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Acenaphthene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Acenaphthylene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Anthracene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzo(a)anthracene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzo(a)pyrene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzo(b)fluoranthene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzo(g,h,i)perylene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzo(k)fluoranthene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzoic acid	ND	ND	6700	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzyl alcohol	ND	ND	3300	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzyl butyl phthalate	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	bis(2-Chloroethoxy) Methane	ND	ND	1000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	1000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	bis(2-Chloroisopropyl) Ether	ND	ND	1000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	bis(2-Ethylhexyl) Phthalate	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Carbazole	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Chrysene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Cresols, m & p	ND	ND	4000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Di-n-Butyl Phthalate	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Di-n-Octylphthalate	ND	ND	510	NA	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

The RPD criteria used for organic analysis is: 50
 The RPD criteria used for non-organic analysis is: 35

Custom Report Title

070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Dibenz(a,h)anthracene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Dibenzofuran	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Diethyl Phthalate	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Dimethyl Phthalate	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Fluoranthene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Fluorene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Hexachlorobenzene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Hexachlorobutadiene	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Hexachlorocyclopentadiene	ND	ND	3300	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Hexachloroethane	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Indeno(1,2,3-c,d)Pyrene	ND	ND	67.0	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Isophorone	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	n-Nitrosodi-n-propylamine	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	n-Nitrosodiphenylamine	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Naphthalene	ND	69.0	67.0		NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Nitrobenzene	ND	ND	1000	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Pentachlorophenol	ND	ND	1500	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Phenanthrene	ND	45.0	67.0		NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Phenol	ND	ND	510	NA	NA	OK
070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Pyrene	ND	ND	67.0	NA	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

The RPD criteria used for organic analysis is: 50
 The RPD criteria used for non-organic analysis is: 35

WORKSHEET 7

Automated Data Review Summary for 240-22663-1

This page intentionally left blank.

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 frederickroche

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

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/A
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/A
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/A
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/A
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/A

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

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

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 180-69114/1-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
------------------	-----	----	----	---------

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?		•		
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

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?	•			
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?	•			

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 240-22663-26 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

Method: SW8082				
Review Questions	Yes	No	NA	Comment
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?	•			

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?	•			

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

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 240-81754/21-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?	•			

Method: SW8330B				
Review Questions	Yes	No	NA	Comment
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

Review Questions	Yes	No	NA	Comment
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

WORKSHEET 8

**Automated Data Review Summary for 240-18735-1/-2
Site & Source Water**

This page intentionally left blank.

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

Analytical Method/ Leach Method	Normal Water Samples	Field QC Water Samples
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

Analytical Method/ Leach Method	Normal Water Samples	Field QC Water Samples
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
-------------------	---------

AUTOMATED DATA REVIEW SUMMARY for J18735_SourceWater

Reviewed by ,

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

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
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
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
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
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
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
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
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
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
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	MCPPP	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**

This page intentionally left blank.

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

Analytical Method/ Leach Method	Normal Water Samples	Field QC Water Samples
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

Analytical Method/ Leach Method	Normal Water Samples	Field QC Water Samples
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	

11-Jun-2013

Reviewed by Samir A. Naguib, Sr. QA Chemist

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

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
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

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
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

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
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

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
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

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
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

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
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

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	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

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?	•			
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

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?			•	
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

Review Questions	Yes	No	NA	Comment
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

Review Questions	Yes	No	NA	Comment
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

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?	•			

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

Review Questions	Yes	No	NA	Comment
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

Method: SW8151

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?	•			
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

Method: SW8270C				
Review Questions	Yes	No	NA	Comment
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?	•			
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%)?	•			

AUTOMATED DATA REVIEW SUMMARY for 240-21987-1_79_SourceWater_TB_1

Method: SW8330B

Review Questions	Yes	No	NA	Comment
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 240-17796-1
Rinsate Water**

This page intentionally left blank.

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)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
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

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
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

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	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

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-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

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?			•	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

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?				
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

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?			•	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

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?			•	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

Review Questions	Yes	No	NA	Comment
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

Review Questions	Yes	No	NA	Comment
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

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?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW7471A

Review Questions	Yes	No	NA	Comment
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: 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?				
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

Review Questions	Yes	No	NA	Comment
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

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

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8082

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?				
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

Review Questions	Yes	No	NA	Comment
-------------------------	------------	-----------	-----------	----------------

Were instrument run logs present and filled out appropriately?

Method: SW8151

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?

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)

Method: SW8151				
Review Questions	Yes	No	NA	Comment
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?			•	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)

Method: SW8260B				
Review Questions	Yes	No	NA	Comment
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?				
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?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8270C

Review Questions	Yes	No	NA	Comment
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

Review Questions	Yes	No	NA	Comment
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

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?				

AUTOMATED DATA REVIEW SUMMARY for 240-17796-1_(76-SB,SS,SW)

Method: SW8330B

Review Questions	Yes	No	NA	Comment
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 11

**Automated Data Review Summary for 240-17796-2
Rinsate Water**

This page intentionally left blank.

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

Analytical Method/ Leach Method	Normal Soil Samples	Field QC Soil Samples
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 ,

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

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?

•

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

Method: SW6020				
Review Questions	Yes	No	NA	Comment
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 12

**Automated Data Review Summary for 240-18703-1
Rinsate Water**

This page intentionally left blank.

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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: 240-18703-1_(72-SB_76-TB), Certified - 1/10/2013 by frederickcroche

QC Level: ADR

Project Manager:

Data Reviewer:

Data Reviewer Title:

Date of Review Report:

Samples Included in SDG 240-18703-1_(72-SB_76-TB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
E353.2/NONE	1	1	1	0
M8015D/NONE	13	1	4	0
M8015V/NONE	13	6	4	0
SW6020/NONE	13	1	4	0
SW7470A/NONE		1		0
SW7471A/NONE	13		4	
SW8081/NONE	1	1	1	0

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
SW8082/NONE	1	1	1	0
SW8151/NONE	5	1	1	0
SW8260B/NONE	13	6	4	0
SW8270C/NONE	13	1	4	0
SW8330B/NONE	1	1	1	0

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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) 240-18703-1_(72-SB_76-TB). 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
- Lab Replicate RPD
- 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

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Continuing Calibration Verification

Equipment Blank

Field Blank

Initial Calibration Verification

Material Blank

Trip Blank

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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 (8.30%) out of the 2192 results (sample and field QC samples) reported are qualified based on review and 16 results (0.73%) 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 240-18703-1_(72-SB_76-TB)

M8015V	
SW6020	
SW7470A	
SW7471A	
SW8081	
SW8082	
SW8151	
SW8260B	
SW8270C	
SW8330B	

Reviewed by , _____

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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 240-18703-1_(72-SB_76-TB)

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 240-18703-1_(72-SB_76-TB)

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 240-18703-1_(72-SB_76-TB)

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
8137	7638	NA	LABQC	SQ	LABQC	MB 320-7571/1-B		1/1	20-Dec-2012 8:01 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:16 PM	LB
	7638	NA	LABQC	SQ	LABQC	LCS 320-7571/2-B		1/1	20-Dec-2012 8:01 AM	20-Dec-2012 8:01 AM	20-Dec-2012 12:18 PM	BS
	7638	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 8:01 AM	20-Dec-2012 1:16 PM	FD
	7638	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	20-Dec-2012 8:01 AM	20-Dec-2012 1:18 PM	N
8009	7878	NA	LABQC	WQ	LABQC	MB 320-7816/1-B		1/1	27-Dec-2012 6:07 AM	27-Dec-2012 6:07 AM	27-Dec-2012 1:33 PM	LB
	7878	NA	LABQC	WQ	LABQC	LCS 320-7816/2-B		1/1	27-Dec-2012 6:07 AM	27-Dec-2012 6:07 AM	27-Dec-2012 1:35 PM	BS
	7878	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	27-Dec-2012 6:07 AM	27-Dec-2012 1:37 PM	N
	7878	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	27-Dec-2012 6:07 AM	27-Dec-2012 1:39 PM	MS
	7878	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	27-Dec-2012 6:07 AM	27-Dec-2012 1:41 PM	SD

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
68949	68549	NA	LABQC	WQ	LABQC	MB 240-68549/15-A		1/1	13-Dec-2012 11:26 AM	13-Dec-2012 11:26 AM	17-Dec-2012 2:33 PM	LB
	68549	NA	LABQC	WQ	LABQC	LCS 240-68549/16-A		1/1	13-Dec-2012 11:26 AM	13-Dec-2012 11:26 AM	17-Dec-2012 3:03 PM	BS
	68549	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	13-Dec-2012 11:26 AM	17-Dec-2012 3:34 PM	N
70006	69559	NA	LABQC	SQ	LABQC	MB 240-69559/17-A		1/1	20-Dec-2012 9:27 AM	20-Dec-2012 9:27 AM	24-Dec-2012 4:32 PM	LB
	69559	NA	LABQC	SQ	LABQC	LCS 240-69559/18-A		1/1	20-Dec-2012 9:27 AM	20-Dec-2012 9:27 AM	24-Dec-2012 5:11 PM	BS
	69559	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	20-Dec-2012 9:27 AM	24-Dec-2012 6:29 PM	N
	69559	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 9:27 AM	24-Dec-2012 7:08 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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
70006	69559	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 9:27 AM	24-Dec-2012 7:47 PM	MS
	69559	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 9:27 AM	24-Dec-2012 8:26 PM	SD
	69559	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	20-Dec-2012 9:27 AM	24-Dec-2012 9:05 PM	N
	69559	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	20-Dec-2012 9:27 AM	24-Dec-2012 9:44 PM	N
	69559	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	20-Dec-2012 9:27 AM	24-Dec-2012 10:23 PM	N
	69559	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	20-Dec-2012 9:27 AM	24-Dec-2012 11:41 PM	FD
	69559	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	20-Dec-2012 9:27 AM	25-Dec-2012 12:20 AM	N
	69794	NA	LABQC	SQ	LABQC	MB 240-69794/6-A		1/1	21-Dec-2012 11:38 AM	21-Dec-2012 11:38 AM	25-Dec-2012 1:37 AM	LB
	69794	NA	LABQC	SQ	LABQC	LCS 240-69794/7-A		1/1	21-Dec-2012 11:38 AM	21-Dec-2012 11:38 AM	25-Dec-2012 2:16 AM	BS
	69794	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	21-Dec-2012 11:38 AM	25-Dec-2012 4:51 AM	N
	69794	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	21-Dec-2012 11:38 AM	25-Dec-2012 5:30 AM	N
70185	69985	NA	LABQC	SQ	LABQC	MB 240-69985/23-A		1/1	24-Dec-2012 9:40 AM	24-Dec-2012 9:40 AM	27-Dec-2012 1:44 PM	LB
	69985	NA	LABQC	SQ	LABQC	LCS 240-69985/24-A		1/1	24-Dec-2012 9:40 AM	24-Dec-2012 9:40 AM	27-Dec-2012 2:14 PM	BS
	69985	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	24-Dec-2012 9:40 AM	27-Dec-2012 2:45 PM	N
	69985	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	24-Dec-2012 9:40 AM	27-Dec-2012 3:15 PM	N
	69985	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	24-Dec-2012 9:40 AM	27-Dec-2012 3:45 PM	N
	69985	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	24-Dec-2012 9:40 AM	27-Dec-2012 4:15 PM	N
	69985	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	24-Dec-2012 9:40 AM	27-Dec-2012 4:45 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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
70185	69985	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	24-Dec-2012 9:40 AM	27-Dec-2012 5:16 PM	N
	69985	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	24-Dec-2012 9:40 AM	27-Dec-2012 5:46 PM	FD
	69985	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	24-Dec-2012 9:40 AM	27-Dec-2012 6:17 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
69738	NA	NA	LABQC	SQ	LABQC	MB 240-69738/52		1/1	22-Dec-2012 6:53 PM		22-Dec-2012 6:53 PM	LB
	NA	NA	LABQC	SQ	LABQC	LCS 240-69738/53		1/1	22-Dec-2012 7:32 PM		22-Dec-2012 7:32 PM	BS
	69885	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	11-Dec-2012 6:35 PM	22-Dec-2012 8:11 PM	N
	69885	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	11-Dec-2012 6:35 PM	22-Dec-2012 8:49 PM	N
	69885	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	11-Dec-2012 6:35 PM	22-Dec-2012 9:27 PM	N
	69885	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	11-Dec-2012 6:35 PM	22-Dec-2012 10:06 PM	N
	69885	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	11-Dec-2012 6:35 PM	22-Dec-2012 10:44 PM	FD
	69885	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	11-Dec-2012 6:35 PM	22-Dec-2012 11:22 PM	N
	69885	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	11-Dec-2012 6:35 PM	23-Dec-2012 12:00 AM	N
	69885	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	11-Dec-2012 6:35 PM	23-Dec-2012 1:16 AM	N
	69885	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	11-Dec-2012 6:35 PM	23-Dec-2012 1:54 AM	N
	69885	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	11-Dec-2012 6:35 PM	23-Dec-2012 2:31 AM	N
	69885	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	11-Dec-2012 6:35 PM	23-Dec-2012 3:09 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

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
69738	69885	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	11-Dec-2012 6:35 PM	23-Dec-2012 3:47 AM	N
	69885	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	11-Dec-2012 6:35 PM	23-Dec-2012 4:24 AM	FD
	69885	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	11-Dec-2012 6:35 PM	23-Dec-2012 5:02 AM	N
	69885	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	11-Dec-2012 6:35 PM	23-Dec-2012 5:39 AM	FD
	69885	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	11-Dec-2012 6:35 PM	23-Dec-2012 6:17 AM	N
69965	69748	NA	LABQC	SQ	LABQC	MB 240-69748/1-A		1/1	21-Dec-2012 9:33 AM	21-Dec-2012 9:33 AM	24-Dec-2012 11:04 AM	LB
	69748	NA	LABQC	SQ	LABQC	LCS 240-69748/2-A		1/1	21-Dec-2012 9:33 AM	21-Dec-2012 9:33 AM	24-Dec-2012 11:43 AM	BS
	69748	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/2	10-Dec-2012 10:45 AM	21-Dec-2012 9:33 AM	24-Dec-2012 12:21 PM	FD
	69748	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		2/1	10-Dec-2012 2:00 PM	21-Dec-2012 9:33 AM	24-Dec-2012 1:36 PM	FD
	69748	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		2/1	10-Dec-2012 3:16 PM	21-Dec-2012 9:33 AM	24-Dec-2012 2:51 PM	FD
70834	69748	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		2/2	10-Dec-2012 10:45 AM	21-Dec-2012 9:33 AM	03-Jan-2013 4:56 AM	FD
69738	69738	NA	LABQC	WQ	LABQC	MB 240-69738/36		1/1	22-Dec-2012 8:46 AM	22-Dec-2012 8:46 AM	22-Dec-2012 8:46 AM	LB
	69738	NA	LABQC	WQ	LABQC	LCS 240-69738/37		1/1	22-Dec-2012 9:24 AM	22-Dec-2012 9:24 AM	22-Dec-2012 9:24 AM	BS
	69738	NA	76-U3-UST-SB4	WG	076SB-0143-0001-TB	240-18703-5		1/1	11-Dec-2012 8:00 AM	22-Dec-2012 10:01 AM	22-Dec-2012 10:01 AM	N
	69738	NA	76-U3-UST-SB5	WG	076SB-0144-0001-TB	240-18703-6		1/1	11-Dec-2012 8:00 AM	22-Dec-2012 10:39 AM	22-Dec-2012 10:39 AM	N
	69738	NA	76-U3-UST-SB6	WG	076SB-0145-0001-TB	240-18703-7		1/1	11-Dec-2012 8:00 AM	22-Dec-2012 11:16 AM	22-Dec-2012 11:16 AM	N
	69738	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	22-Dec-2012 11:54 AM	22-Dec-2012 11:54 AM	N
	69738	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	22-Dec-2012 12:32 PM	22-Dec-2012 12:32 PM	MS

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

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
69738	69738	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	22-Dec-2012 1:10 PM	22-Dec-2012 1:10 PM	SD
	69738	NA	76-A1-UST-SB3	WG	076-0141-0001-TB	240-18703-25		1/1	11-Dec-2012 8:00 AM	22-Dec-2012 1:47 PM	22-Dec-2012 1:47 PM	N
	69738	NA	76-A6-UST-SB13	WG	076-0142-0001-TB	240-18703-26		1/1	11-Dec-2012 8:00 AM	22-Dec-2012 3:02 PM	22-Dec-2012 3:02 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
59694	59183	NA	LABQC	SQ	LABQC	MB 180-59183/1-A		1/1	17-Dec-2012 12:42 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:33 PM	LB
	59183	NA	LABQC	SQ	LABQC	LCS 180-59183/2-A		1/1	17-Dec-2012 12:42 PM	17-Dec-2012 12:42 PM	28-Dec-2012 11:37 PM	BS
	59183	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	17-Dec-2012 12:42 PM	29-Dec-2012 1:51 AM	N
	59308	NA	LABQC	WQ	LABQC	MB 180-59308/1-A		1/1	24-Dec-2012 10:24 AM	24-Dec-2012 10:24 AM	29-Dec-2012 3:45 AM	LB
	59308	NA	LABQC	WQ	LABQC	LCS 180-59308/2-A		1/1	24-Dec-2012 10:24 AM	24-Dec-2012 10:24 AM	29-Dec-2012 3:50 AM	BS
	59308	NA	LABQC	WQ	LABQC	LCSD 180-59308/3-A		1/1	24-Dec-2012 10:24 AM	24-Dec-2012 10:24 AM	29-Dec-2012 3:54 AM	BD
	59308	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	24-Dec-2012 10:24 AM	29-Dec-2012 3:58 AM	N
59733	59442	NA	LABQC	SQ	LABQC	MB 180-59442/1-A		1/1	27-Dec-2012 7:50 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:29 PM	LB
	59442	NA	LABQC	SQ	LABQC	LCS 180-59442/2-A		1/1	27-Dec-2012 7:50 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:33 PM	BS
	59442	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:38 PM	FD
	59442	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:42 PM	N
	59442	NA	72-2F11-R41-SB2	SO	072SB-0083-0002-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:51 PM	MS
	59442	NA	72-2F11-R41-SB2	SO	072SB-0083-0002-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	27-Dec-2012 7:50 AM	29-Dec-2012 5:55 PM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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
59733	59442	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	27-Dec-2012 7:50 AM	29-Dec-2012 6:03 PM	N
	59442	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	27-Dec-2012 7:50 AM	29-Dec-2012 6:08 PM	N
	59442	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	27-Dec-2012 7:50 AM	29-Dec-2012 6:27 PM	FD
	59442	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	27-Dec-2012 7:50 AM	29-Dec-2012 6:32 PM	N
	59442	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	27-Dec-2012 7:50 AM	29-Dec-2012 6:36 PM	N
	59442	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	27-Dec-2012 7:50 AM	29-Dec-2012 6:40 PM	N
	59442	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	27-Dec-2012 7:50 AM	29-Dec-2012 6:44 PM	N
	59442	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	27-Dec-2012 7:50 AM	29-Dec-2012 6:49 PM	N
	59442	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	27-Dec-2012 7:50 AM	29-Dec-2012 6:53 PM	N
	59442	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	27-Dec-2012 7:50 AM	29-Dec-2012 6:57 PM	N
	59442	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	27-Dec-2012 7:50 AM	29-Dec-2012 7:02 PM	FD
	59442	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	27-Dec-2012 7:50 AM	29-Dec-2012 7:06 PM	N
	59442	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	27-Dec-2012 7:50 AM	29-Dec-2012 7:26 PM	FD
	59442	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	27-Dec-2012 7:50 AM	29-Dec-2012 7:30 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
70694	70255	NA	LABQC	WQ	LABQC	MB 240-70255/1-A		1/1	27-Dec-2012 4:00 PM	27-Dec-2012 4:00 PM	29-Dec-2012 11:59 AM	LB
	70255	NA	LABQC	WQ	LABQC	LCS 240-70255/2-A		1/1	27-Dec-2012 4:00 PM	27-Dec-2012 4:00 PM	29-Dec-2012 12:00 PM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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
70694	70255	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	27-Dec-2012 4:00 PM	29-Dec-2012 12:06 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
69324	69021	NA	LABQC	SQ	LABQC	MB 240-69021/1-A		1/1	17-Dec-2012 3:15 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:17 AM	LB
	69021	NA	LABQC	SQ	LABQC	LCS 240-69021/2-A		1/1	17-Dec-2012 3:15 PM	17-Dec-2012 3:15 PM	18-Dec-2012 11:19 AM	BS
	69021	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	17-Dec-2012 3:15 PM	18-Dec-2012 12:01 PM	N
70525	70273	NA	LABQC	SQ	LABQC	MB 240-70273/1-A		1/1	27-Dec-2012 3:25 PM	27-Dec-2012 3:25 PM	28-Dec-2012 4:34 PM	LB
	70273	NA	LABQC	SQ	LABQC	LCS 240-70273/2-A		1/1	27-Dec-2012 3:25 PM	27-Dec-2012 3:25 PM	28-Dec-2012 4:35 PM	BS
	70273	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:38 PM	FD
	70273	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:40 PM	LR
	70273	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:42 PM	MS
	70273	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	27-Dec-2012 3:25 PM	28-Dec-2012 4:44 PM	N
	70273	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:46 PM	N
	70273	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:48 PM	N
	70273	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	27-Dec-2012 3:25 PM	28-Dec-2012 4:50 PM	N
	70273	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	27-Dec-2012 3:25 PM	28-Dec-2012 4:52 PM	FD
	70273	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	27-Dec-2012 3:25 PM	28-Dec-2012 4:58 PM	N
	70273	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:00 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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
70525	70273	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:02 PM	N
	70273	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:04 PM	N
	70273	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	27-Dec-2012 3:25 PM	28-Dec-2012 5:06 PM	N
	70273	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:10 PM	FD
	70273	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:12 PM	FD
	70273	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	27-Dec-2012 3:25 PM	28-Dec-2012 5:16 PM	N
	70273	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	27-Dec-2012 3:25 PM	28-Dec-2012 5:22 PM	N
	70273	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	27-Dec-2012 3:25 PM	28-Dec-2012 5:24 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
69152	68554	NA	LABQC	WQ	LABQC	LCS 240-68554/5-A		1/1	13-Dec-2012 11:40 AM	13-Dec-2012 11:40 AM	18-Dec-2012 12:18 PM	BS
	68554	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	13-Dec-2012 11:40 AM	18-Dec-2012 12:46 PM	N
	68554	NA	LABQC	WQ	LABQC	MB 240-68554/4-A		1/1	13-Dec-2012 11:40 AM	13-Dec-2012 11:40 AM	18-Dec-2012 2:09 PM	LB
69893	69596	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/5	10-Dec-2012 10:45 AM	20-Dec-2012 11:14 AM	22-Dec-2012 10:07 PM	FD
	69596	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	20-Dec-2012 11:14 AM	22-Dec-2012 10:31 PM	N
	69596	NA	LABQC	SQ	LABQC	MB 240-69596/9-A		1/1	20-Dec-2012 11:14 AM	20-Dec-2012 11:14 AM	23-Dec-2012 12:59 AM	LB
	69596	NA	LABQC	SQ	LABQC	LCS 240-69596/10-A		1/1	20-Dec-2012 11:14 AM	20-Dec-2012 11:14 AM	23-Dec-2012 1:23 AM	BS

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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
69119	68553	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	13-Dec-2012 11:37 AM	18-Dec-2012 8:56 AM	N
	68553	NA	LABQC	WQ	LABQC	MB 240-68553/4-A		1/1	13-Dec-2012 11:37 AM	13-Dec-2012 11:37 AM	18-Dec-2012 9:41 AM	LB
	68553	NA	LABQC	WQ	LABQC	LCS 240-68553/5-A		1/1	13-Dec-2012 11:37 AM	13-Dec-2012 11:37 AM	18-Dec-2012 9:56 AM	BS
69879	69585	NA	LABQC	SQ	LABQC	MB 240-69585/23-A		1/1	20-Dec-2012 10:35 AM	20-Dec-2012 10:35 AM	22-Dec-2012 6:30 AM	LB
69978	69585	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 10:35 AM	24-Dec-2012 1:20 PM	FD
	69585	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	20-Dec-2012 10:35 AM	24-Dec-2012 1:35 PM	N
	69585	NA	LABQC	SQ	LABQC	LCS 240-69585/24-A		1/1	20-Dec-2012 10:35 AM	20-Dec-2012 10:35 AM	24-Dec-2012 2:07 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
68956	68522	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	13-Dec-2012 9:53 AM	17-Dec-2012 3:53 PM	N
	68522	NA	LABQC	WQ	LABQC	MB 240-68522/21-A		1/1	13-Dec-2012 9:53 AM	13-Dec-2012 9:53 AM	17-Dec-2012 4:16 PM	LB
	68522	NA	LABQC	WQ	LABQC	LCS 240-68522/22-A		1/1	13-Dec-2012 9:53 AM	13-Dec-2012 9:53 AM	17-Dec-2012 4:40 PM	BS
69890	69221	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	18-Dec-2012 11:08 AM	22-Dec-2012 8:29 PM	N
	69221	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	18-Dec-2012 11:08 AM	22-Dec-2012 8:53 PM	N
	69221	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	18-Dec-2012 11:08 AM	22-Dec-2012 9:16 PM	FD
	69221	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	18-Dec-2012 11:08 AM	22-Dec-2012 10:27 PM	N
	69221	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	18-Dec-2012 11:08 AM	22-Dec-2012 10:50 PM	N
	69221	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	18-Dec-2012 11:08 AM	22-Dec-2012 11:14 PM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Batch Report

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
69890	69221	NA	LABQC	SQ	LABQC	MB 240-69221/23-A		1/1	18-Dec-2012 11:08 AM	18-Dec-2012 11:08 AM	23-Dec-2012 3:56 AM	LB
	69221	NA	LABQC	SQ	LABQC	LCS 240-69221/24-A		1/1	18-Dec-2012 11:08 AM	18-Dec-2012 11:08 AM	23-Dec-2012 4:19 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
68905	NA	NA	LABQC	SQ	LABQC	LCS 240-68905/6		1/1	17-Dec-2012 12:47 AM		17-Dec-2012 12:47 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-68905/7		1/1	17-Dec-2012 1:09 AM		17-Dec-2012 1:09 AM	LB
69093	NA	NA	LABQC	SQ	LABQC	LCS 240-69093/7		1/1	18-Dec-2012 12:15 AM		18-Dec-2012 12:15 AM	BS
	NA	NA	LABQC	SQ	LABQC	MB 240-69093/8		1/1	18-Dec-2012 12:37 AM		18-Dec-2012 12:37 AM	LB
68905	68832	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	11-Dec-2012 6:35 PM	17-Dec-2012 2:03 AM	N
	68832	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	11-Dec-2012 6:35 PM	17-Dec-2012 10:12 AM	FD
69093	68832	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	11-Dec-2012 6:35 PM	18-Dec-2012 1:10 AM	N
	68832	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	11-Dec-2012 6:35 PM	18-Dec-2012 1:31 AM	N
	68832	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	11-Dec-2012 6:35 PM	18-Dec-2012 1:52 AM	N
	68832	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	11-Dec-2012 6:35 PM	18-Dec-2012 2:14 AM	N
	68832	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	11-Dec-2012 6:35 PM	18-Dec-2012 2:35 AM	FD
	68832	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	11-Dec-2012 6:35 PM	18-Dec-2012 3:18 AM	N
	68832	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	11-Dec-2012 6:35 PM	18-Dec-2012 4:00 AM	N
	68832	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	11-Dec-2012 6:35 PM	18-Dec-2012 4:21 AM	N

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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
69093	68832	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	11-Dec-2012 6:35 PM	18-Dec-2012 5:04 AM	FD
	68832	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	11-Dec-2012 6:35 PM	18-Dec-2012 5:25 AM	N
	68832	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	11-Dec-2012 6:35 PM	18-Dec-2012 5:46 AM	FD
	68832	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	11-Dec-2012 6:35 PM	18-Dec-2012 6:08 AM	N
	68832	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	11-Dec-2012 6:35 PM	18-Dec-2012 6:50 AM	N
	68832	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	11-Dec-2012 6:35 PM	18-Dec-2012 7:11 AM	N
	68832	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	11-Dec-2012 6:35 PM	18-Dec-2012 8:15 AM	N
69591	69591	NA	LABQC	WQ	LABQC	LCS 240-69591/4		1/1	20-Dec-2012 12:21 PM	20-Dec-2012 12:21 PM	20-Dec-2012 12:21 PM	BS
	69591	NA	LABQC	WQ	LABQC	MB 240-69591/6		1/1	20-Dec-2012 1:05 PM	20-Dec-2012 1:05 PM	20-Dec-2012 1:05 PM	LB
	69591	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	20-Dec-2012 1:42 PM	20-Dec-2012 1:42 PM	N
	69591	NA	76-U3-UST-SB1	WG	076SB-0137-0001-TB	240-18703-2		1/1	11-Dec-2012 8:00 AM	20-Dec-2012 2:47 PM	20-Dec-2012 2:47 PM	N
	69591	NA	76-U3-UST-SB2	WG	076SB-0138-0001-TB	240-18703-3		1/1	11-Dec-2012 8:00 AM	20-Dec-2012 3:09 PM	20-Dec-2012 3:09 PM	N
	69591	NA	76-U3-UST-SB3	WG	076SB-0139-0001-TB	240-18703-4		1/1	11-Dec-2012 8:00 AM	20-Dec-2012 3:31 PM	20-Dec-2012 3:31 PM	N
	69591	NA	76-A1-UST-SB3	WG	076-0141-0001-TB	240-18703-25		1/1	11-Dec-2012 8:00 AM	20-Dec-2012 3:53 PM	20-Dec-2012 3:53 PM	N
	69591	NA	76-A6-UST-SB13	WG	076-0142-0001-TB	240-18703-26		1/1	11-Dec-2012 8:00 AM	20-Dec-2012 4:15 PM	20-Dec-2012 4:15 PM	N
	69591	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	20-Dec-2012 4:58 PM	20-Dec-2012 4:58 PM	MS
	69591	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	20-Dec-2012 5:20 PM	20-Dec-2012 5:20 PM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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
68962	68547	NA	LABQC	WQ	LABQC	MB 240-68547/18-A		1/1	13-Dec-2012 11:21 AM	13-Dec-2012 11:21 AM	17-Dec-2012 11:18 AM	LB
	68547	NA	LABQC	WQ	LABQC	LCS 240-68547/19-A		1/1	13-Dec-2012 11:21 AM	13-Dec-2012 11:21 AM	17-Dec-2012 11:41 AM	BS
	68547	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	13-Dec-2012 11:21 AM	17-Dec-2012 12:04 PM	N
69988	69569	NA	LABQC	SQ	LABQC	MB 240-69569/23-A		1/1	20-Dec-2012 9:55 AM	20-Dec-2012 9:55 AM	24-Dec-2012 11:20 AM	LB
	69569	NA	LABQC	SQ	LABQC	LCS 240-69569/24-A		1/1	20-Dec-2012 9:55 AM	20-Dec-2012 9:55 AM	24-Dec-2012 11:45 AM	BS
	69569	NA	72-2F11-R41-SB5	SO	072SB-0092-0001-SO	240-18703-1		1/1	10-Dec-2012 12:37 PM	20-Dec-2012 9:55 AM	24-Dec-2012 1:50 PM	N
	69569	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	20-Dec-2012 9:55 AM	24-Dec-2012 2:15 PM	FD
	69569	NA	72-2F11-R41-SB2	SO	072SB-0083-0001-SO	240-18703-9		1/1	10-Dec-2012 11:15 AM	20-Dec-2012 9:55 AM	24-Dec-2012 2:39 PM	N
	69569	NA	72-2F11-R41-SB3	SO	072SB-0084-0001-SO	240-18703-10		1/1	10-Dec-2012 11:30 AM	20-Dec-2012 9:55 AM	24-Dec-2012 3:04 PM	N
	69569	NA	72-2F11-R41-SB4	SO	072SB-0085-0001-SO	240-18703-11		1/1	10-Dec-2012 12:05 PM	20-Dec-2012 9:55 AM	24-Dec-2012 3:29 PM	N
	69569	NA	72-2F11-R41-SB4	SO	072SB-0086-0001-SO	240-18703-12		1/1	10-Dec-2012 12:05 PM	20-Dec-2012 9:55 AM	24-Dec-2012 3:54 PM	FD
	69569	NA	72-WTP-06-SB1	SO	072SB-0087-0001-SO	240-18703-13		1/1	10-Dec-2012 9:10 AM	20-Dec-2012 9:55 AM	24-Dec-2012 4:19 PM	N
	69569	NA	72-WTP-06-SB2	SO	072SB-0088-0001-SO	240-18703-14		1/1	10-Dec-2012 9:30 AM	20-Dec-2012 9:55 AM	24-Dec-2012 4:44 PM	N
	69569	NA	72-WTP-06-SB3	SO	072SB-0089-0001-SO	240-18703-15		1/1	10-Dec-2012 9:40 AM	20-Dec-2012 9:55 AM	24-Dec-2012 5:09 PM	N
	69569	NA	72-WTP-06-SB4	SO	072SB-0090-0001-SO	240-18703-16		1/1	10-Dec-2012 9:55 AM	20-Dec-2012 9:55 AM	24-Dec-2012 5:34 PM	N
	69569	NA	72-2F11-R41-SB5	SO	072SB-0091-0001-SO	240-18703-17		1/1	10-Dec-2012 12:25 PM	20-Dec-2012 9:55 AM	24-Dec-2012 5:59 PM	N
	69569	NA	72-FS-01-SB2	SO	072SB-0076-0001-SO	240-18703-19		1/1	10-Dec-2012 2:00 PM	20-Dec-2012 9:55 AM	24-Dec-2012 6:24 PM	N
	69569	NA	72-FS-01-SB2	SO	072SB-0077-0001-SO	240-18703-20		1/1	10-Dec-2012 2:00 PM	20-Dec-2012 9:55 AM	24-Dec-2012 6:49 PM	FD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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
69988	69569	NA	72-FS-01-SB3	SO	072SB-0079-0001-SO	240-18703-21		1/1	10-Dec-2012 2:20 PM	20-Dec-2012 9:55 AM	24-Dec-2012 7:14 PM	N
	69569	NA	72-FS-01-SB4	SO	072SB-0080-0001-SO	240-18703-22		1/1	10-Dec-2012 3:16 PM	20-Dec-2012 9:55 AM	24-Dec-2012 7:39 PM	FD
70697	69614	NA	LABQC	SQ	LABQC	MB 240-69614/23-A		1/1	20-Dec-2012 12:23 PM	20-Dec-2012 12:23 PM	31-Dec-2012 12:16 PM	LB
	69614	NA	LABQC	SQ	LABQC	LCS 240-69614/24-A		1/1	20-Dec-2012 12:23 PM	20-Dec-2012 12:23 PM	31-Dec-2012 12:39 PM	BS
	69614	NA	72-FS-01-SB5	SO	072SB-0081-0001-SO	240-18703-23		1/1	10-Dec-2012 2:50 PM	20-Dec-2012 12:23 PM	31-Dec-2012 1:03 PM	N
	69993	NA	LABQC	SQ	LABQC	MB 240-69993/23-A		1/1	24-Dec-2012 9:50 AM	24-Dec-2012 9:50 AM	31-Dec-2012 11:30 AM	LB
	69993	NA	LABQC	SQ	LABQC	LCS 240-69993/24-A		1/1	24-Dec-2012 9:50 AM	24-Dec-2012 9:50 AM	31-Dec-2012 11:53 AM	BS
	69993	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	24-Dec-2012 9:50 AM	31-Dec-2012 1:26 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
7620	7404	NA	LABQC	WQ	LABQC	MB 320-7404/1-A		1/1	14-Dec-2012 11:07 AM	14-Dec-2012 11:07 AM	21-Dec-2012 1:22 PM	LB
	7404	NA	LABQC	WQ	LABQC	LCS 320-7404/2-A		1/1	14-Dec-2012 11:07 AM	14-Dec-2012 11:07 AM	21-Dec-2012 2:02 PM	BS
	7404	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	14-Dec-2012 11:07 AM	21-Dec-2012 2:42 PM	N
	7444	NA	LABQC	SQ	LABQC	MB 320-7444/1-A		1/1	17-Dec-2012 10:34 AM	17-Dec-2012 10:34 AM	20-Dec-2012 7:07 AM	LB
	7444	NA	LABQC	SQ	LABQC	LCS 320-7444/2-A		1/1	17-Dec-2012 10:34 AM	17-Dec-2012 10:34 AM	20-Dec-2012 7:47 AM	BS
	7444	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		1/1	10-Dec-2012 10:45 AM	17-Dec-2012 10:34 AM	20-Dec-2012 9:54 PM	FD
	7444	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		1/1	10-Dec-2012 1:45 PM	17-Dec-2012 10:34 AM	20-Dec-2012 10:34 PM	N
7855	7464	NA	LABQC	SQ	LABQC	MB 320-7464/1-A		1/1	17-Dec-2012 11:57 AM	17-Dec-2012 11:57 AM	26-Dec-2012 8:00 PM	LB

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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
7855	7464	NA	LABQC	SQ	LABQC	LCS 320-7464/2-A		1/1	17-Dec-2012 11:57 AM	17-Dec-2012 11:57 AM	26-Dec-2012 8:14 PM	BS
	7464	NA	72-2F11-R41-SB1	SO	072SB-0082-0001-SO	240-18703-8		2/1	10-Dec-2012 10:45 AM	17-Dec-2012 11:57 AM	27-Dec-2012 1:02 AM	FD
	7464	NA	72-FS-01-SB1	SO	072SB-0075-0001-SO	240-18703-18		2/1	10-Dec-2012 1:45 PM	17-Dec-2012 11:57 AM	27-Dec-2012 1:16 AM	N
	7807	NA	LABQC	WQ	LABQC	MB 320-7807/1-A		1/1	24-Dec-2012 12:40 PM	24-Dec-2012 12:40 PM	27-Dec-2012 3:25 AM	LB
	7807	NA	LABQC	WQ	LABQC	LCS 320-7807/2-A		1/1	24-Dec-2012 12:40 PM	24-Dec-2012 12:40 PM	27-Dec-2012 3:54 AM	BS
	7807	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		2/1	11-Dec-2012 10:30 AM	24-Dec-2012 12:40 PM	27-Dec-2012 4:08 AM	N
	7807	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	24-Dec-2012 12:40 PM	27-Dec-2012 4:23 AM	MS
	7807	NA	76-A1-UST-SB2	WG	076-0140-0001-ER	240-18703-24		1/1	11-Dec-2012 10:30 AM	24-Dec-2012 12:40 PM	27-Dec-2012 4:37 AM	SD

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Field Batch Report

--No Records Found--

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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	Blank	MB 320-7571/1-B (LB) / MB 320-7571/1-B	1 / 1.00	Nitrocellulose	1.3 (MG/KG)	U/None	< 0.78	< 5	L		1	1.31
E353.2 / METHOD/NONE	Test Hold Time	076-0140-0001-ER (N) / 240-18703-24	1 / 1.00	Nitrocellulose	16.1 (Days)	J/UJ	< 14	< 28	H1	Test Exceeds UWL		
M8015V / SW5035/NONE	Surrogate	072SB-0077-0001-SO (FD) / 240-18703-20	1 / 1.00	1,1,1-Trifluorotoluene	329 (PERCENT)	J/None	10 - 150	10 - 150	I			
M8015V / SW5035/NONE	Surrogate	072SB-0080-0001-SO (FD) / 240-18703-22	1 / 1.00	1,1,1-Trifluorotoluene	231 (PERCENT)	J/None	10 - 150	10 - 150	I			
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Aluminum	0.52 (MG/KG)	U/None	< 0.28	< 3	L		1	0.515
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Barium	0.013 (MG/KG)	U/None	< 0.011	< 1	L		1	0.0133
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Calcium	2.8 (MG/KG)	U/None	< 1.3	< 10	L		1	2.78
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Iron	1.1 (MG/KG)	U/None	< 1.1	< 5	L		1	1.12
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Nickel	0.013 (MG/KG)	U/None	< 0.011	< 0.1	L		1	0.0132
SW6020 / SW3050B/NONE	Blank	MB 180-59183/1-A (LB) / MB 180-59183/1-A	1 / 1.00	Zinc	0.14 (MG/KG)	U/None	< 0.065	< 0.5	L		1	0.141
SW6020 / SW3050B/NONE	Blank	MB 180-59442/1-A (LB) / MB 180-59442/1-A	1 / 1.00	Barium	0.012 (MG/KG)	U/None	< 0.01	< 0.95	L		1	0.0122
SW6020 / SW3050B/NONE	Blank	MB 180-59442/1-A (LB) / MB 180-59442/1-A	1 / 1.00	Calcium	2.2 (MG/KG)	U/None	< 1.3	< 9.5	L		1	2.18
SW6020 / SW3050B/NONE	Blank	MB 180-59442/1-A (LB) / MB 180-59442/1-A	1 / 1.00	Iron	1.2 (MG/KG)	U/None	< 1	< 4.8	L		1	1.19
SW6020 / TOTAL/NONE	Blank	MB 180-59308/1-A (LB) / MB 180-59308/1-A	1 / 1.00	Aluminum	6.5 (UG/L)	U/None	< 2.6	< 30	L		1	6.47
SW6020 / TOTAL/NONE	Blank	MB 180-59308/1-A (LB) / MB 180-59308/1-A	1 / 1.00	Iron	19.2 (UG/L)	U/None	< 11	< 50	L		1	19.2
SW8082 / SW3540C/NONE	Surrogate	072SB-0082-0001-SO (FD) / 240-18703-8	1 / 1.00	Decachlorobiphenyl	151 (PERCENT)	J/None	60 - 125	10 - 125	I			
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	2-Hexanone	2.4 (UG/KG)	U/None	< 0.63	< 20	L		1	2.37
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	4-Methyl-2-pentanone (MIBK)	1.4 (UG/KG)	U/None	< 0.54	< 20	L		1	1.41
SW8260B / SW5035/NONE	Blank	MB 240-68905/7 (LB) / MB 240-68905/7	1 / 1.00	Methylene Chloride	1.7 (UG/KG)	U/None	< 0.67	< 5	L		2	3.46

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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	072SB-0084-0001-SO (N) / 240-18703-10	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	82.8 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8260B / SW5035/NONE	Surrogate	072SB-0088-0001-SO (N) / 240-18703-14	1 / 1.00	1-Bromo-4-fluorobenzene (4- Bromofluorobenzene)	84.5 (PERCENT)	J/UJ	85 - 120	10 - 120	I			
SW8270C / SW3550/NONE	Blank	MB 240-69993/23-A (LB) / MB 240-69993/23-A	1 / 1.00	bis(2-Ethylhexyl) Phthalate	45.6 (UG/KG)	U/None	< 19	< 50	L		5	228

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
E353.2/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Nitrocellulose	55.0	11.0	55.0 U	+	MG/KG	L
E353.2/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Nitrocellulose	49.0	9.5	49.0 U	+	MG/KG	L
E353.2/NONE	WG	076-0140-0001-ER	240-18703-24	N	Nitrocellulose	2.0	2.0	2.0 UJ	-	MG/L	H1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015D/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	C20-C34 Motor Oil Range Organics	18.0	11.0	11.0 J		MG/KG	TR
M8015D/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	C20-C34 Motor Oil Range Organics	18.0	14.0	14.0 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
M8015V/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Petroleum Hydrocarbons C6-C12	94.0	70.0	70.0 J		UG/KG	TR/D1
M8015V/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Petroleum Hydrocarbons C6-C12	97.0	2200	2200 J	+	UG/KG	I/D1
M8015V/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Petroleum Hydrocarbons C6-C12	5000	2900	2900 J		UG/KG	TR/D1
M8015V/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Petroleum Hydrocarbons C6-C12	5100	4200	4200 J		UG/KG	TR
M8015V/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Petroleum Hydrocarbons C6-C12	78.0	3200	3200 J	+	UG/KG	I
M8015V/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Petroleum Hydrocarbons C6-C12	99.0	54.0	54.0 J		UG/KG	TR
M8015V/NONE	WG	076-0141-0001-TB	240-18703-25	N	Petroleum Hydrocarbons C6-C12	100	27.0	27.0 J		UG/L	TR
M8015V/NONE	WG	076SB-0143-0001-TB	240-18703-5	N	Petroleum Hydrocarbons C6-C12	100	29.0	29.0 J		UG/L	TR
M8015V/NONE	WG	076SB-0144-0001-TB	240-18703-6	N	Petroleum Hydrocarbons C6-C12	100	27.0	27.0 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Selenium	0.54	0.50	0.50 J		MG/KG	TR
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Silver	0.11	0.044	0.044 J		MG/KG	TR
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Barium	1.1	56.0	56.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Manganese	0.55	330	330 J		MG/KG	d
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Silver	0.11	0.037	0.037 J		MG/KG	TR
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Barium	1.1	95.0	95.0 J		MG/KG	d
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Manganese	0.55	1700	1700 J		MG/KG	d
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Silver	0.11	0.045	0.045 J		MG/KG	TR
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Silver	0.12	0.042	0.042 J		MG/KG	TR
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Selenium	0.53	0.46	0.46 J		MG/KG	TR
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Silver	0.11	0.032	0.032 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Silver	0.099	0.033	0.033 J		MG/KG	TR
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Selenium	0.57	0.54	0.54 J		MG/KG	TR
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Silver	0.11	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Antimony	0.21	0.21	0.21 UJ		MG/KG	m
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Calcium	10.0	11000	11000 J		MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Chromium	0.21	14.0	14.0 J		MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Magnesium	10.0	8700	8700 J		MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Potassium	10.0	1600	1600 J		MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Selenium	0.51	0.47	0.47 J		MG/KG	TR
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Silver	0.10	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Selenium	0.55	0.49	0.49 J		MG/KG	TR
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Silver	0.11	0.031	0.031 J		MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Antimony	0.23	0.077	0.077 J		MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Selenium	0.56	0.46	0.46 J		MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Silver	0.11	0.030	0.030 J		MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Cadmium	0.10	0.092	0.092 J		MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Selenium	0.51	0.40	0.40 J		MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Silver	0.10	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Selenium	0.45	0.41	0.41 J		MG/KG	TR
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Silver	0.091	0.022	0.022 J		MG/KG	TR
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Selenium	0.50	0.32	0.32 J		MG/KG	TR
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Silver	0.10	0.018	0.018 J		MG/KG	TR
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Selenium	0.51	0.46	0.46 J		MG/KG	TR
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Silver	0.10	0.023	0.023 J		MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Selenium	0.52	0.28	0.28 J		MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Silver	0.10	0.013	0.013 J		MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Thallium	0.10	0.075	0.075 J		MG/KG	TR
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Selenium	0.55	0.49	0.49 J		MG/KG	TR
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Silver	0.11	0.025	0.025 J		MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Antimony	0.18	0.053	0.053 J		MG/KG	TR
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Selenium	0.44	0.32	0.32 J		MG/KG	TR
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Silver	0.088	0.025	0.025 J		MG/KG	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Aluminum	30.0	14.0	30.0 U	+	UG/L	L
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Barium	10.0	0.43	0.43 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Calcium	100	82.0	82.0 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Chromium	2.0	0.76	0.76 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Cobalt	0.50	0.036	0.036 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Iron	50.0	20.0	50.0 U	+	UG/L	L
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Manganese	5.0	1.9	1.9 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Nickel	1.0	0.47	0.47 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Thallium	1.0	0.25	0.25 J		UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Zinc	5.0	1.1	1.1 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW7471A/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Mercury	0.15	0.034	0.034 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Mercury	0.12	0.016	0.016 J		MG/KG	TR
SW7471A/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Mercury	0.10	0.014	0.014 J		MG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Aldrin	4.6	4.6	4.6 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	alpha-BHC (alpha-Hexachlorocyclohexane)	2.8	2.8	2.8 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	alpha-Chlordane	3.4	3.4	3.4 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	alpha-Endosulfan	1.9	1.9	1.9 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	beta-BHC (beta-Hexachlorocyclohexane)	4.0	4.0	4.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	beta-Endosulfan	2.8	2.8	2.8 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	delta-BHC (delta-Hexachlorocyclohexane)	4.6	4.6	4.6 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Dieldrin	1.9	1.9	1.9 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Endosulfan Sulfate	3.4	3.4	3.4 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Endrin	1.9	1.9	1.9 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Endrin Aldehyde	3.4	3.4	3.4 UJ		UG/KG	V2

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Endrin Ketone	2.3	2.3	2.3 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	gamma-BHC (Lindane)	2.8	2.8	2.8 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	gamma-Chlordane	1.9	1.9	1.9 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Heptachlor	4.0	4.0	4.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Heptachlor Epoxide	2.8	2.8	2.8 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Methoxychlor	5.7	5.7	5.7 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	p,p'-DDD	2.3	2.3	2.3 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	p,p'-DDE	1.9	1.9	1.9 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	p,p'-DDT	2.3	2.3	2.3 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Aldrin	24.0	24.0	24.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	alpha-BHC (alpha-Hexachlorocyclohexane)	15.0	15.0	15.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	alpha-Chlordane	18.0	18.0	18.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	alpha-Endosulfan	10.0	10.0	10.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	beta-BHC (beta-Hexachlorocyclohexane)	21.0	21.0	21.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	beta-Endosulfan	15.0	15.0	15.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	delta-BHC (delta-Hexachlorocyclohexane)	24.0	24.0	24.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Dieldrin	10.0	10.0	10.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Endosulfan Sulfate	18.0	18.0	18.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Endrin	10.0	10.0	10.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Endrin Aldehyde	18.0	18.0	18.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Endrin Ketone	12.0	12.0	12.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	gamma-BHC (Lindane)	15.0	15.0	15.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	gamma-Chlordane	10.0	10.0	10.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Heptachlor	21.0	21.0	21.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Heptachlor Epoxide	15.0	15.0	15.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Methoxychlor	30.0	30.0	30.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	p,p'-DDD	12.0	12.0	12.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	p,p'-DDE	10.0	10.0	10.0 UJ		UG/KG	V2
SW8081/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	p,p'-DDT	12.0	12.0	12.0 UJ		UG/KG	V2

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8081/NONE	WG	076-0140-0001-ER	240-18703-24	N	Toxaphene	1.9	1.9	1.9 UJ		UG/L	V1
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8151/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	MCPA	9100	9100	9100 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	MCPP	9100	9100	9100 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	MCPA	9500	9500	9500 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	MCPP	9500	9500	9500 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	MCPA	9600	9600	9600 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	MCPP	9600	9600	9600 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	MCPA	10000	10000	10000 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	MCPP	10000	10000	10000 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0080-0001-SO	240-18703-22	N	Dalapon	47.0	33.0	33.0 J		UG/KG	TR/P
SW8151/NONE	SO	072SB-0080-0001-SO	240-18703-22	N	MCPA	9300	9300	9300 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0080-0001-SO	240-18703-22	N	MCPP	9300	9300	9300 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Dalapon	45.0	14.0	14.0 J		UG/KG	TR
SW8151/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	MCPA	9100	9100	9100 UJ		UG/KG	V2
SW8151/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	MCPP	9100	9100	9100 UJ		UG/KG	V2
SW8151/NONE	WG	076-0140-0001-ER	240-18703-24	N	MCPA	400	400	400 UJ		UG/L	V2
SW8151/NONE	WG	076-0140-0001-ER	240-18703-24	N	MCPP	400	400	400 UJ		UG/L	V2
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	1,2-Dichloroethane	4.4	0.82	0.82 J		UG/KG	TR/J
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Methylene Chloride	4.4	1.0	4.4 U		UG/KG	L
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Toluene	4.4	3.8	3.8 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzene	4.0	9.9	9.9 J		UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Ethylbenzene	4.0	22.0	22.0 J		UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Toluene	4.0	52.0	52.0 J		UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Xylenes, Total	8.0	150	150 J		UG/KG	d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzene	4.6	1.8	1.8 J		UG/KG	TR/d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Ethylbenzene	4.6	0.71	0.71 J		UG/KG	TR/d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Toluene	4.6	6.7	6.7 J		UG/KG	d

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Xylenes, Total	9.2	5.4	5.4 J		UG/KG	TR/d
SW8260B/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Toluene	7.9	5.3	5.3 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	2-Butanone (MEK)	19.0	2.9	19.0 U		UG/KG	L
SW8260B/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Acetone	19.0	14.0	19.0 U		UG/KG	T
SW8260B/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Toluene	4.8	1.7	1.7 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Toluene	4.7	2.7	2.7 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Benzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Ethylbenzene	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	tert-Butyl Methyl Ether (MTBE)	4.8	4.8	4.8 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Toluene	4.8	3.5	3.5 J	-	UG/KG	I/TR
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Xylenes, Total	9.7	9.7	9.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Toluene	6.0	4.3	4.3 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Toluene	4.8	2.6	2.6 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Benzene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Ethylbenzene	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	tert-Butyl Methyl Ether (MTBE)	4.9	4.9	4.9 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Toluene	4.9	5.2	5.2 J	-	UG/KG	I
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Xylenes, Total	9.7	9.7	9.7 UJ	-	UG/KG	I
SW8260B/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Toluene	5.6	3.8	3.8 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Toluene	5.3	2.8	2.8 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Toluene	6.5	5.0	5.0 J		UG/KG	TR
SW8260B/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Toluene	4.2	3.1	3.1 J		UG/KG	TR
SW8260B/NONE	WG	076-0140-0001-ER	240-18703-24	N	Chloroform	1.0	0.58	0.58 J		UG/L	TR
SW8260B/NONE	WG	076-0141-0001-TB	240-18703-25	N	4-Methyl-2-pentanone (MIBK)	10.0	0.36	0.36 J		UG/L	TR
SW8260B/NONE	WG	076-0142-0001-TB	240-18703-26	N	2-Butanone (MEK)	10.0	0.60	0.60 J		UG/L	TR
SW8260B/NONE	WG	076-0142-0001-TB	240-18703-26	N	4-Methyl-2-pentanone (MIBK)	10.0	0.35	0.35 J		UG/L	TR
SW8260B/NONE	WG	076SB-0137-0001-TB	240-18703-2	N	2-Butanone (MEK)	10.0	0.57	0.57 J		UG/L	TR
SW8260B/NONE	WG	076SB-0137-0001-TB	240-18703-2	N	4-Methyl-2-pentanone (MIBK)	10.0	0.32	0.32 J		UG/L	TR
SW8260B/NONE	WG	076SB-0138-0001-TB	240-18703-3	N	2-Butanone (MEK)	10.0	0.69	0.69 J		UG/L	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8260B/NONE	WG	076SB-0139-0001-TB	240-18703-4	N	2-Butanone (MEK)	10.0	0.64	0.64 J		UG/L	TR
SW8260B/NONE	WG	076SB-0139-0001-TB	240-18703-4	N	4-Methyl-2-pentanone (MIBK)	10.0	0.39	0.39 J		UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	4-Nitroaniline	230	230	230 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Benzo(b)fluoranthene	7.7	3.8	3.8 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Benzoic acid	770	770	770 R		UG/KG	c
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	bis(2-Ethylhexyl) Phthalate	58.0	24.0	58.0 U	+	UG/KG	L
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Di-n-Butyl Phthalate	58.0	58.0	58.0 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Acenaphthylene	7.9	7.6	7.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Anthracene	7.9	5.8	5.8 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(a)anthracene	7.9	55.0	55.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(a)pyrene	7.9	40.0	40.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(b)fluoranthene	7.9	65.0	65.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(g,h,i)perylene	7.9	34.0	34.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(k)fluoranthene	7.9	22.0	22.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzoic acid	780	780	780 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	bis(2-Ethylhexyl) Phthalate	59.0	24.0	59.0 U		UG/KG	L
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Chrysene	7.9	41.0	41.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Fluoranthene	7.9	96.0	96.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Indeno(1,2,3-c,d)pyrene	7.9	22.0	22.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Phenanthrene	7.9	47.0	47.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	2,4-Dinitrophenol	410	410	410 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Anthracene	8.2	4.8	4.8 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(a)anthracene	8.2	24.0	24.0 J		UG/KG	d

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(a)pyrene	8.2	16.0	16.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(b)fluoranthene	8.2	22.0	22.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(g,h,i)perylene	8.2	20.0	20.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(k)fluoranthene	8.2	8.9	8.9 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzoic acid	810	810	810 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Chrysene	8.2	17.0	17.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Fluoranthene	8.2	34.0	34.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Indeno(1,2,3-c,d)pyrene	8.2	10.0	10.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Phenanthrene	8.2	21.0	21.0 J		UG/KG	d
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	2,4-Dinitrophenol	430	430	430 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	3,3'-Dichlorobenzidine	130	130	130 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	4,6-Dinitro-2-Methylphenol	200	200	200 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Acenaphthylene	8.7	5.3	5.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Anthracene	8.7	5.5	5.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzoic acid	870	870	870 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Naphthalene	8.7	7.6	7.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Benzo(b)fluoranthene	7.8	6.1	6.1 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Benzoic acid	770	770	770 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	bis(2-Ethylhexyl) Phthalate	59.0	31.0	59.0 U		UG/KG	L
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Chrysene	7.8	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	4-Nitroaniline	230	230	230 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Benzoic acid	740	740	740 R		UG/KG	c
SW8270C/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	bis(2-Ethylhexyl) Phthalate	56.0	31.0	31.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Di-n-Butyl Phthalate	56.0	56.0	56.0 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(k)fluoranthene	7.8	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzoic acid	770	770	770 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Dibenzofuran	59.0	12.0	12.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Indeno(1,2,3-c,d)pyrene	7.8	7.6	7.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Naphthalene	7.8	7.0	7.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	2,4-Dinitrophenol	380	380	380 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Benzoic acid	760	760	760 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	2,4-Dinitrophenol	380	380	380 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Benzoic acid	760	760	760 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Chrysene	7.7	5.3	5.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	2,4-Dinitrophenol	390	390	390 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	4,6-Dinitro-2-Methylphenol	180	180	180 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Benzoic acid	770	770	770 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	2,4-Dinitrophenol	380	380	380 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	3,3'-Dichlorobenzidine	120	120	120 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Benzoic acid	760	760	760 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	2,4-Dinitrophenol	360	360	360 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	2-Methylnaphthalene	7.2	3.9	3.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	4,6-Dinitro-2-Methylphenol	160	160	160 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Benzo(k)fluoranthene	7.2	3.6	3.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Benzoic acid	710	710	710 R		UG/KG	c/J

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Qualified Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Bias	Units	Reason
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Chrysene	7.2	5.5	5.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Phenanthrene	7.2	3.6	3.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	2,4-Dinitrophenol	360	360	360 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	4,6-Dinitro-2-Methylphenol	160	160	160 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Benzoic acid	720	720	720 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Fluorene	7.3	5.6	5.6 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	2,4-Dinitrophenol	370	370	370 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Benzoic acid	740	740	740 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	bis(2-Ethylhexyl) Phthalate	56.0	21.0	56.0 U		UG/KG	L
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Fluoranthene	7.5	5.5	5.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Phenanthrene	7.5	4.1	4.1 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Pyrene	7.5	3.9	3.9 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	2,4-Dinitrophenol	370	370	370 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Benzoic acid	740	740	740 R		UG/KG	c/J
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	bis(2-Ethylhexyl) Phthalate	56.0	28.0	56.0 U		UG/KG	L
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Chrysene	7.5	4.0	4.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Fluoranthene	7.5	6.3	6.3 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Phenanthrene	7.5	4.5	4.5 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Pyrene	7.5	5.0	5.0 J		UG/KG	TR
SW8270C/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	2,4-Dinitrophenol	370	370	370 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	3,3'-Dichlorobenzidine	110	110	110 UJ		UG/KG	V1
SW8270C/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	4,6-Dinitro-2-Methylphenol	170	170	170 UJ		UG/KG	J
SW8270C/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Benzoic acid	750	750	750 R		UG/KG	c/J
SW8270C/NONE	WG	076-0140-0001-ER	240-18703-24	N	4-Nitrophenol	4.8	4.8	4.8 UJ		UG/L	V2

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015D/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	C10-C20 Diesel Range Organics	20.0	220	220	MG/KG	
M8015D/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	C20-C34 Motor Oil Range Organics	20.0	25.0	25.0	MG/KG	
M8015D/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	C20-C34 Motor Oil Range Organics	18.0	11.0	11.0 J	MG/KG	TR
M8015D/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	C20-C34 Motor Oil Range Organics	18.0	14.0	14.0 J	MG/KG	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
M8015V/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Petroleum Hydrocarbons C6-C12	94.0	70.0	70.0 J	UG/KG	TR/D1
M8015V/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Petroleum Hydrocarbons C6-C12	97.0	2200	2200 J +	UG/KG	I/D1
M8015V/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Petroleum Hydrocarbons C6-C12	5000	2900	2900 J	UG/KG	TR/D1
M8015V/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Petroleum Hydrocarbons C6-C12	110	860	860	UG/KG	
M8015V/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Petroleum Hydrocarbons C6-C12	5100	4200	4200 J	UG/KG	TR
M8015V/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Petroleum Hydrocarbons C6-C12	78.0	3200	3200 J +	UG/KG	I
M8015V/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Petroleum Hydrocarbons C6-C12	8800	43000	43000	UG/KG	
M8015V/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Petroleum Hydrocarbons C6-C12	8800	37000	37000	UG/KG	
M8015V/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Petroleum Hydrocarbons C6-C12	99.0	54.0	54.0 J	UG/KG	TR
M8015V/NONE	WG	076-0141-0001-TB	240-18703-25	N	Petroleum Hydrocarbons C6-C12	100	27.0	27.0 J	UG/L	TR
M8015V/NONE	WG	076SB-0143-0001-TB	240-18703-5	N	Petroleum Hydrocarbons C6-C12	100	29.0	29.0 J	UG/L	TR
M8015V/NONE	WG	076SB-0144-0001-TB	240-18703-6	N	Petroleum Hydrocarbons C6-C12	100	27.0	27.0 J	UG/L	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Silver	0.11	0.044	0.044 J	MG/KG	TR
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Aluminum	3.2	14000	14000	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Arsenic	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Barium	1.1	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Beryllium	0.11	0.63	0.63	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Calcium	11.0	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Cadmium	0.11	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Cobalt	0.054	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Chromium	0.21	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Copper	0.21	19.0	19.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Iron	5.4	28000	28000	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Potassium	11.0	2100	2100	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Magnesium	11.0	4800	4800	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Manganese	0.54	180	180	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Sodium	11.0	77.0	77.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Nickel	0.11	28.0	28.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Lead	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Selenium	0.54	0.50	0.50 J	MG/KG	TR
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Thallium	0.11	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Vanadium	0.11	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Zinc	0.54	66.0	66.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Silver	0.11	0.037	0.037 J	MG/KG	TR
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Aluminum	3.3	12000	12000	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Arsenic	0.11	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Barium	1.1	56.0	56.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Beryllium	0.11	0.55	0.55	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Calcium	11.0	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Cadmium	0.11	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Cobalt	0.055	9.2	9.2	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Chromium	0.22	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Copper	0.22	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Iron	5.5	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Potassium	11.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Magnesium	11.0	2600	2600	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Manganese	0.55	330	330 J	MG/KG	d
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Sodium	11.0	45.0	45.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Nickel	0.11	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Lead	0.11	20.0	20.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Selenium	0.55	0.56	0.56	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Thallium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Vanadium	0.11	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Zinc	0.55	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Silver	0.11	0.045	0.045 J	MG/KG	TR
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Aluminum	3.3	11000	11000	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Arsenic	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Barium	1.1	95.0	95.0 J	MG/KG	d
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Beryllium	0.11	0.56	0.56	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Calcium	11.0	1400	1400	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Cadmium	0.11	0.22	0.22	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Cobalt	0.055	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Chromium	0.22	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Copper	0.22	9.9	9.9	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Iron	5.5	24000	24000	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Potassium	11.0	820	820	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Magnesium	11.0	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Manganese	0.55	1700	1700 J	MG/KG	d
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Sodium	11.0	36.0	36.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Nickel	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Lead	0.11	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Selenium	0.55	0.70	0.70	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Thallium	0.11	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Vanadium	0.11	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Zinc	0.55	45.0	45.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Silver	0.12	0.042	0.042 J	MG/KG	TR
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Aluminum	3.7	13000	13000	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Arsenic	0.12	14.0	14.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Barium	1.2	69.0	69.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Beryllium	0.12	0.60	0.60	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Calcium	12.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Cadmium	0.12	0.20	0.20	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Cobalt	0.062	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Chromium	0.25	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Copper	0.25	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Iron	6.2	30000	30000	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Potassium	12.0	1100	1100	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Magnesium	12.0	2700	2700	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Manganese	0.62	660	660	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Sodium	12.0	44.0	44.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Nickel	0.12	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Lead	0.12	46.0	46.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Selenium	0.62	0.76	0.76	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Thallium	0.12	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Vanadium	0.12	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Zinc	0.62	57.0	57.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Silver	0.11	0.032	0.032 J	MG/KG	TR
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Aluminum	3.2	13000	13000	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Arsenic	0.11	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Barium	1.1	47.0	47.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Beryllium	0.11	0.63	0.63	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Calcium	11.0	4600	4600	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Cadmium	0.11	0.25	0.25	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Cobalt	0.053	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Chromium	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Copper	0.21	19.0	19.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Iron	5.3	31000	31000	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Potassium	11.0	2200	2200	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Magnesium	11.0	5800	5800	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Manganese	0.53	350	350	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Sodium	11.0	74.0	74.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Nickel	0.11	30.0	30.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Lead	0.11	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Selenium	0.53	0.46	0.46 J	MG/KG	TR
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Thallium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Vanadium	0.11	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Zinc	0.53	130	130	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Silver	0.099	0.033	0.033 J	MG/KG	TR
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Aluminum	3.0	14000	14000	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Arsenic	0.099	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Barium	0.99	44.0	44.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Beryllium	0.099	0.66	0.66	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Calcium	9.9	4300	4300	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Cadmium	0.099	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Cobalt	0.049	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Chromium	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Copper	0.20	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Iron	4.9	30000	30000	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Potassium	9.9	2200	2200	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Magnesium	9.9	5800	5800	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Manganese	0.49	250	250	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Sodium	9.9	80.0	80.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Nickel	0.099	28.0	28.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Lead	0.099	12.0	12.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Selenium	0.49	0.51	0.51	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Thallium	0.099	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Vanadium	0.099	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Zinc	0.49	60.0	60.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Silver	0.11	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Aluminum	3.4	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Arsenic	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Barium	1.1	38.0	38.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Beryllium	0.11	0.47	0.47	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Calcium	11.0	7500	7500	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Cadmium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Cobalt	0.057	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Chromium	0.23	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Copper	0.23	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Iron	5.7	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Potassium	11.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Magnesium	11.0	5500	5500	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Manganese	0.57	440	440	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Sodium	11.0	83.0	83.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Nickel	0.11	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Lead	0.11	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Selenium	0.57	0.54	0.54 J	MG/KG	TR
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Thallium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Vanadium	0.11	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Zinc	0.57	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Silver	0.10	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Aluminum	3.1	9800	9800	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Arsenic	0.10	16.0	16.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Barium	1.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Beryllium	0.10	0.46	0.46	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Calcium	10.0	11000	11000 J	MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Cadmium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Cobalt	0.051	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Chromium	0.21	14.0	14.0 J	MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Copper	0.21	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Iron	5.1	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Potassium	10.0	1600	1600 J	MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Magnesium	10.0	8700	8700 J	MG/KG	A
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Manganese	0.51	400	400	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Sodium	10.0	100	100	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Nickel	0.10	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Lead	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Selenium	0.51	0.47	0.47 J	MG/KG	TR
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Thallium	0.10	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Vanadium	0.10	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Zinc	0.51	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Silver	0.11	0.031	0.031 J	MG/KG	TR
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Aluminum	3.3	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Arsenic	0.11	17.0	17.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Barium	1.1	35.0	35.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Beryllium	0.11	0.48	0.48	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Calcium	11.0	7300	7300	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Cadmium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Cobalt	0.055	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Chromium	0.22	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Copper	0.22	20.0	20.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Iron	5.5	27000	27000	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Potassium	11.0	1700	1700	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Magnesium	11.0	5300	5300	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Manganese	0.55	420	420	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Sodium	11.0	72.0	72.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Nickel	0.11	26.0	26.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Lead	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Antimony	0.22	0.30	0.30	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Selenium	0.55	0.49	0.49 J	MG/KG	TR
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Thallium	0.11	0.17	0.17	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Zinc	0.55	56.0	56.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Silver	0.11	0.030	0.030 J	MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Aluminum	3.4	9600	9600	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Arsenic	0.11	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Barium	1.1	32.0	32.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Beryllium	0.11	0.44	0.44	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Calcium	11.0	8400	8400	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Cadmium	0.11	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Cobalt	0.056	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Chromium	0.23	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Copper	0.23	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Iron	5.6	25000	25000	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Potassium	11.0	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Magnesium	11.0	5300	5300	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Manganese	0.56	380	380	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Sodium	11.0	72.0	72.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Nickel	0.11	23.0	23.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Lead	0.11	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Antimony	0.23	0.077	0.077 J	MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Selenium	0.56	0.46	0.46 J	MG/KG	TR
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Thallium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Zinc	0.56	52.0	52.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Silver	0.10	0.022	0.022 J	MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Aluminum	3.0	8900	8900	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Arsenic	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Barium	1.0	27.0	27.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Beryllium	0.10	0.35	0.35	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Calcium	10.0	5200	5200	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Cadmium	0.10	0.092	0.092 J	MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Cobalt	0.051	8.5	8.5	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Chromium	0.20	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Copper	0.20	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Iron	5.1	22000	22000	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Potassium	10.0	1400	1400	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Magnesium	10.0	4200	4200	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Manganese	0.51	260	260	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Sodium	10.0	63.0	63.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Nickel	0.10	19.0	19.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Lead	0.10	9.3	9.3	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Selenium	0.51	0.40	0.40 J	MG/KG	TR
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Thallium	0.10	0.10	0.10	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Vanadium	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Zinc	0.51	44.0	44.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Silver	0.091	0.022	0.022 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Aluminum	2.7	7400	7400	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Arsenic	0.091	8.9	8.9	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Barium	0.91	39.0	39.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Beryllium	0.091	0.41	0.41	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Calcium	9.1	1600	1600	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Cadmium	0.091	0.16	0.16	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Cobalt	0.045	7.7	7.7	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Chromium	0.18	10.0	10.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Copper	0.18	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Iron	4.5	19000	19000	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Potassium	9.1	1000	1000	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Magnesium	9.1	2000	2000	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Manganese	0.45	360	360	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Sodium	9.1	47.0	47.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Nickel	0.091	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Lead	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Selenium	0.45	0.41	0.41 J	MG/KG	TR
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Thallium	0.091	0.13	0.13	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Vanadium	0.091	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Zinc	0.45	53.0	53.0	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Silver	0.10	0.018	0.018 J	MG/KG	TR
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Aluminum	3.0	5500	5500	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Arsenic	0.10	6.2	6.2	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Barium	1.0	30.0	30.0	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Beryllium	0.10	0.36	0.36	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Calcium	10.0	1300	1300	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Cadmium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Cobalt	0.050	5.4	5.4	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Chromium	0.20	7.2	7.2	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Copper	0.20	9.1	9.1	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Iron	5.0	16000	16000	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Potassium	10.0	830	830	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Magnesium	10.0	1400	1400	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Manganese	0.50	230	230	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Sodium	10.0	54.0	54.0	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Nickel	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Lead	0.10	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Selenium	0.50	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Thallium	0.10	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Vanadium	0.10	9.6	9.6	MG/KG	
SW6020/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Zinc	0.50	46.0	46.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Silver	0.10	0.023	0.023 J	MG/KG	TR
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Aluminum	3.1	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Arsenic	0.10	13.0	13.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Barium	1.0	47.0	47.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Beryllium	0.10	0.48	0.48	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Calcium	10.0	1400	1400	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Cadmium	0.10	0.18	0.18	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Cobalt	0.051	9.3	9.3	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Chromium	0.21	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Copper	0.21	18.0	18.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Iron	5.1	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Potassium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Magnesium	10.0	2900	2900	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Manganese	0.51	330	330	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Sodium	10.0	60.0	60.0	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Nickel	0.10	22.0	22.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Lead	0.10	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Selenium	0.51	0.46	0.46 J	MG/KG	TR
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Thallium	0.10	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Vanadium	0.10	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Zinc	0.51	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Silver	0.10	0.013	0.013 J	MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Aluminum	3.1	4100	4100	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Arsenic	0.10	4.2	4.2	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Barium	1.0	23.0	23.0	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Beryllium	0.10	0.28	0.28	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Calcium	10.0	870	870	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Cadmium	0.10	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Cobalt	0.052	4.5	4.5	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Chromium	0.21	5.8	5.8	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Copper	0.21	7.0	7.0	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Iron	5.2	13000	13000	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Potassium	10.0	670	670	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Magnesium	10.0	1200	1200	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Manganese	0.52	220	220	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Sodium	10.0	33.0	33.0	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Nickel	0.10	9.2	9.2	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Lead	0.10	9.6	9.6	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Selenium	0.52	0.28	0.28 J	MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Thallium	0.10	0.075	0.075 J	MG/KG	TR
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Vanadium	0.10	7.8	7.8	MG/KG	
SW6020/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Zinc	0.52	38.0	38.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Silver	0.11	0.025	0.025 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Aluminum	3.3	10000	10000	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Arsenic	0.11	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Barium	1.1	31.0	31.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Beryllium	0.11	0.46	0.46	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Calcium	11.0	5700	5700	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Cadmium	0.11	0.15	0.15	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Cobalt	0.055	11.0	11.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Chromium	0.22	14.0	14.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Copper	0.22	20.0	20.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Iron	5.5	26000	26000	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Potassium	11.0	1700	1700	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Magnesium	11.0	5400	5400	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Manganese	0.55	380	380	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Sodium	11.0	72.0	72.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Nickel	0.11	24.0	24.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Lead	0.11	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Selenium	0.55	0.49	0.49 J	MG/KG	TR
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Thallium	0.11	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Vanadium	0.11	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Zinc	0.55	55.0	55.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Silver	0.088	0.025	0.025 J	MG/KG	TR
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Aluminum	2.6	7700	7700	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Arsenic	0.088	15.0	15.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Barium	0.88	25.0	25.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Beryllium	0.088	0.38	0.38	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Calcium	8.8	5100	5100	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Cadmium	0.088	0.14	0.14	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Cobalt	0.044	9.3	9.3	MG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Chromium	0.18	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Copper	0.18	16.0	16.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Iron	4.4	23000	23000	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Potassium	8.8	1100	1100	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Magnesium	8.8	4200	4200	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Manganese	0.44	260	260	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Sodium	8.8	43.0	43.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Nickel	0.088	21.0	21.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Lead	0.088	9.3	9.3	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Antimony	0.18	0.053	0.053 J	MG/KG	TR
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Selenium	0.44	0.32	0.32 J	MG/KG	TR
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Thallium	0.088	0.11	0.11	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Vanadium	0.088	12.0	12.0	MG/KG	
SW6020/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Zinc	0.44	48.0	48.0	MG/KG	
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Barium	10.0	0.43	0.43 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Calcium	100	82.0	82.0 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Cobalt	0.50	0.036	0.036 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Chromium	2.0	0.76	0.76 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Manganese	5.0	1.9	1.9 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Sodium	100	150	150	UG/L	
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Nickel	1.0	0.47	0.47 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Thallium	1.0	0.25	0.25 J	UG/L	TR
SW6020/NONE	WG	076-0140-0001-ER	240-18703-24	N	Zinc	5.0	1.1	1.1 J	UG/L	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW7471A/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Mercury	0.15	0.034	0.034 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Mercury	0.12	0.016	0.016 J	MG/KG	TR
SW7471A/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Mercury	0.10	0.014	0.014 J	MG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8151/NONE	SO	072SB-0080-0001-SO	240-18703-22	N	Dalapon	47.0	33.0	33.0 J	UG/KG	TR/P
SW8151/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Dalapon	45.0	14.0	14.0 J	UG/KG	TR
Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Toluene	4.4	3.8	3.8 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	1,2-Dichloroethane	4.4	0.82	0.82 J	UG/KG	TR/J
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzene	4.0	9.9	9.9 J	UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Toluene	4.0	52.0	52.0 J	UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Ethylbenzene	4.0	22.0	22.0 J	UG/KG	d
SW8260B/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Xylenes, Total	8.0	150	150 J	UG/KG	d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzene	4.6	1.8	1.8 J	UG/KG	TR/d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Toluene	4.6	6.7	6.7 J	UG/KG	d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Ethylbenzene	4.6	0.71	0.71 J	UG/KG	TR/d
SW8260B/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Xylenes, Total	9.2	5.4	5.4 J	UG/KG	TR/d
SW8260B/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzene	5.4	46.0	46.0	UG/KG	
SW8260B/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Toluene	5.4	140	140	UG/KG	
SW8260B/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Ethylbenzene	5.4	30.0	30.0	UG/KG	
SW8260B/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Xylenes, Total	11.0	230	230	UG/KG	
SW8260B/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Benzene	4.4	8.9	8.9	UG/KG	
SW8260B/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Toluene	4.4	87.0	87.0	UG/KG	
SW8260B/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Ethylbenzene	4.4	22.0	22.0	UG/KG	
SW8260B/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Xylenes, Total	8.8	140	140	UG/KG	
SW8260B/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	Toluene	7.9	5.3	5.3 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Toluene	4.8	1.7	1.7 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0083-0001-SO	240-18703-9	N	Toluene	4.7	2.7	2.7 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Toluene	4.8	3.5	3.5 J -	UG/KG	I/TR
SW8260B/NONE	SO	072SB-0085-0001-SO	240-18703-11	N	Toluene	6.0	4.3	4.3 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0086-0001-SO	240-18703-12	FD	Toluene	4.8	2.6	2.6 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Toluene	6.1	6.2	6.2	UG/KG	

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8260B/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Toluene	4.9	5.2	5.2 J -	UG/KG	I
SW8260B/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Toluene	5.6	3.8	3.8 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Toluene	5.3	2.8	2.8 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0091-0001-SO	240-18703-17	N	Toluene	6.5	5.0	5.0 J	UG/KG	TR
SW8260B/NONE	SO	072SB-0092-0001-SO	240-18703-1	N	Toluene	4.2	3.1	3.1 J	UG/KG	TR
SW8260B/NONE	WG	076-0140-0001-ER	240-18703-24	N	Chloroform	1.0	0.58	0.58 J	UG/L	TR
SW8260B/NONE	WG	076-0141-0001-TB	240-18703-25	N	Acetone	10.0	12.0	12.0	UG/L	
SW8260B/NONE	WG	076-0141-0001-TB	240-18703-25	N	4-Methyl-2-pentanone (MIBK)	10.0	0.36	0.36 J	UG/L	TR
SW8260B/NONE	WG	076-0142-0001-TB	240-18703-26	N	Acetone	10.0	12.0	12.0	UG/L	
SW8260B/NONE	WG	076-0142-0001-TB	240-18703-26	N	2-Butanone (MEK)	10.0	0.60	0.60 J	UG/L	TR
SW8260B/NONE	WG	076-0142-0001-TB	240-18703-26	N	4-Methyl-2-pentanone (MIBK)	10.0	0.35	0.35 J	UG/L	TR
SW8260B/NONE	WG	076SB-0137-0001-TB	240-18703-2	N	Acetone	10.0	12.0	12.0	UG/L	
SW8260B/NONE	WG	076SB-0137-0001-TB	240-18703-2	N	2-Butanone (MEK)	10.0	0.57	0.57 J	UG/L	TR
SW8260B/NONE	WG	076SB-0137-0001-TB	240-18703-2	N	4-Methyl-2-pentanone (MIBK)	10.0	0.32	0.32 J	UG/L	TR
SW8260B/NONE	WG	076SB-0138-0001-TB	240-18703-3	N	Acetone	10.0	14.0	14.0	UG/L	
SW8260B/NONE	WG	076SB-0138-0001-TB	240-18703-3	N	2-Butanone (MEK)	10.0	0.69	0.69 J	UG/L	TR
SW8260B/NONE	WG	076SB-0139-0001-TB	240-18703-4	N	Acetone	10.0	15.0	15.0	UG/L	
SW8260B/NONE	WG	076SB-0139-0001-TB	240-18703-4	N	2-Butanone (MEK)	10.0	0.64	0.64 J	UG/L	TR
SW8260B/NONE	WG	076SB-0139-0001-TB	240-18703-4	N	4-Methyl-2-pentanone (MIBK)	10.0	0.39	0.39 J	UG/L	TR

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0075-0001-SO	240-18703-18	N	Benzo(b)fluoranthene	7.7	3.8	3.8 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Acenaphthylene	7.9	7.6	7.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Anthracene	7.9	5.8	5.8 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(a)anthracene	7.9	55.0	55.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(a)pyrene	7.9	40.0	40.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(b)fluoranthene	7.9	65.0	65.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(g,h,i)perylene	7.9	34.0	34.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Benzo(k)fluoranthene	7.9	22.0	22.0 J	UG/KG	d

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Chrysene	7.9	41.0	41.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Fluoranthene	7.9	96.0	96.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Indeno(1,2,3-c,d)pyrene	7.9	22.0	22.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Phenanthrene	7.9	47.0	47.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0076-0001-SO	240-18703-19	N	Pyrene	7.9	77.0	77.0	UG/KG	
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Anthracene	8.2	4.8	4.8 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(a)anthracene	8.2	24.0	24.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(a)pyrene	8.2	16.0	16.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(b)fluoranthene	8.2	22.0	22.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(g,h,i)perylene	8.2	20.0	20.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Benzo(k)fluoranthene	8.2	8.9	8.9 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Chrysene	8.2	17.0	17.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Fluoranthene	8.2	34.0	34.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Indeno(1,2,3-c,d)pyrene	8.2	10.0	10.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Phenanthrene	8.2	21.0	21.0 J	UG/KG	d
SW8270C/NONE	SO	072SB-0077-0001-SO	240-18703-20	FD	Pyrene	8.2	26.0	26.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Acenaphthylene	8.7	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Anthracene	8.7	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzo(a)anthracene	8.7	46.0	46.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzo(a)pyrene	8.7	37.0	37.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzo(b)fluoranthene	8.7	50.0	50.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzo(g,h,i)perylene	8.7	32.0	32.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Benzo(k)fluoranthene	8.7	21.0	21.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Chrysene	8.7	35.0	35.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Fluoranthene	8.7	74.0	74.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Indeno(1,2,3-c,d)pyrene	8.7	20.0	20.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	2-Methylnaphthalene	8.7	11.0	11.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Naphthalene	8.7	7.6	7.6 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Phenanthrene	8.7	32.0	32.0	UG/KG	
SW8270C/NONE	SO	072SB-0079-0001-SO	240-18703-21	N	Pyrene	8.7	57.0	57.0	UG/KG	
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Benzo(b)fluoranthene	7.8	6.1	6.1 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Chrysene	7.8	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	2-Methylnaphthalene	7.8	17.0	17.0	UG/KG	
SW8270C/NONE	SO	072SB-0080-0001-SO	240-18703-22	FD	Naphthalene	7.8	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0081-0001-SO	240-18703-23	N	bis(2-Ethylhexyl) Phthalate	56.0	31.0	31.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Anthracene	7.8	8.8	8.8	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(a)anthracene	7.8	17.0	17.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(a)pyrene	7.8	9.6	9.6	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(b)fluoranthene	7.8	13.0	13.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(g,h,i)perylene	7.8	17.0	17.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Benzo(k)fluoranthene	7.8	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Chrysene	7.8	9.2	9.2	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Dibenzofuran	59.0	12.0	12.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Fluorene	7.8	11.0	11.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Fluoranthene	7.8	15.0	15.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Indeno(1,2,3-c,d)pyrene	7.8	7.6	7.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	2-Methylnaphthalene	7.8	17.0	17.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Naphthalene	7.8	7.0	7.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Phenanthrene	7.8	20.0	20.0	UG/KG	
SW8270C/NONE	SO	072SB-0082-0001-SO	240-18703-8	FD	Pyrene	7.8	22.0	22.0	UG/KG	
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Chrysene	7.7	5.3	5.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0084-0001-SO	240-18703-10	N	Phenanthrene	7.7	8.9	8.9	UG/KG	
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Benzo(a)anthracene	7.2	13.0	13.0	UG/KG	
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Benzo(b)fluoranthene	7.2	9.3	9.3	UG/KG	
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Benzo(k)fluoranthene	7.2	3.6	3.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Chrysene	7.2	5.5	5.5 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Detected Results

Test Leach	Matrix	FieldSample ID	LabSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Fluoranthene	7.2	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	2-Methylnaphthalene	7.2	3.9	3.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Phenanthrene	7.2	3.6	3.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0087-0001-SO	240-18703-13	N	Pyrene	7.2	7.6	7.6	UG/KG	
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Fluorene	7.3	5.6	5.6 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Fluoranthene	7.3	12.0	12.0	UG/KG	
SW8270C/NONE	SO	072SB-0088-0001-SO	240-18703-14	N	Pyrene	7.3	10.0	10.0	UG/KG	
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Fluoranthene	7.5	5.5	5.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Phenanthrene	7.5	4.1	4.1 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0089-0001-SO	240-18703-15	N	Pyrene	7.5	3.9	3.9 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Benzo(a)anthracene	7.5	11.0	11.0	UG/KG	
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Chrysene	7.5	4.0	4.0 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Fluoranthene	7.5	6.3	6.3 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Phenanthrene	7.5	4.5	4.5 J	UG/KG	TR
SW8270C/NONE	SO	072SB-0090-0001-SO	240-18703-16	N	Pyrene	7.5	5.0	5.0 J	UG/KG	TR

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Rejected Results

Test Leach	Matrix	FieldSample ID	Type	Analyte	RL	Lab Result	Qualified Result	Units	Reason
SW8270C/NONE	SO	072SB-0075-0001-SO	N	Benzoic acid	770	770	R	UG/KG	c
SW8270C/NONE	SO	072SB-0076-0001-SO	N	Benzoic acid	780	780	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0077-0001-SO	FD	Benzoic acid	810	810	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0079-0001-SO	N	Benzoic acid	870	870	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0080-0001-SO	FD	Benzoic acid	770	770	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0081-0001-SO	N	Benzoic acid	740	740	R	UG/KG	c
SW8270C/NONE	SO	072SB-0082-0001-SO	FD	Benzoic acid	770	770	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0083-0001-SO	N	Benzoic acid	760	760	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0084-0001-SO	N	Benzoic acid	760	760	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0085-0001-SO	N	Benzoic acid	770	770	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0086-0001-SO	FD	Benzoic acid	760	760	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0087-0001-SO	N	Benzoic acid	710	710	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0088-0001-SO	N	Benzoic acid	720	720	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0089-0001-SO	N	Benzoic acid	740	740	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0090-0001-SO	N	Benzoic acid	740	740	R	UG/KG	c/J
SW8270C/NONE	SO	072SB-0091-0001-SO	N	Benzoic acid	750	750	R	UG/KG	c/J

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Anomalies Count

SDG Name: 240-18703-1_(72-SB_76-TB)

Test/Extraction Method/Leach	# of Field Samples Outside of Compliance	# of Analytes Outside of Compliance
E353.2/METHOD/NONE	2	2
M8015D/SW3540C/NONE	18	36
M8015V/SW5035/NONE	7	8
SW6020/SW3050B/NONE	13	58
SW7471A/TOTAL/NONE	15	15
SW8081/SW3540C/NONE	2	41
SW8082/SW3540C/NONE	3	21
SW8260B/SW5035/NONE	9	37
SW8270C/SW3550/NONE	16	66
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 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
E353.2/NONE	072SB-0075-0001-SO	N	1	Nitrocellulose	55 U	8.6	55	5	MG/KG
E353.2/NONE	072SB-0082-0001-SO	FD	1	Nitrocellulose	49 U	7.6	49	5	MG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	072SB-0075-0001-SO	N	1	C10-C20 Diesel Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0075-0001-SO	N	1	C20-C34 Motor Oil Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0076-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	072SB-0076-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	072SB-0077-0001-SO	FD	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	072SB-0077-0001-SO	FD	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	072SB-0079-0001-SO	N	1	C10-C20 Diesel Range Organics	22 U	12	22	10	MG/KG
M8015D/NONE	072SB-0079-0001-SO	N	1	C20-C34 Motor Oil Range Organics	22 U	12	22	10	MG/KG
M8015D/NONE	072SB-0080-0001-SO	FD	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	072SB-0080-0001-SO	FD	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	072SB-0081-0001-SO	N	1	C10-C20 Diesel Range Organics	19 U	10	19	10	MG/KG
M8015D/NONE	072SB-0081-0001-SO	N	1	C20-C34 Motor Oil Range Organics	19 U	10	19	10	MG/KG
M8015D/NONE	072SB-0082-0001-SO	FD	1	C10-C20 Diesel Range Organics	220	11	20	10	MG/KG
M8015D/NONE	072SB-0082-0001-SO	FD	1	C20-C34 Motor Oil Range Organics	25	11	20	10	MG/KG
M8015D/NONE	072SB-0083-0001-SO	N	1	C10-C20 Diesel Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0083-0001-SO	N	1	C20-C34 Motor Oil Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0084-0001-SO	N	1	C10-C20 Diesel Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0084-0001-SO	N	1	C20-C34 Motor Oil Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0085-0001-SO	N	1	C10-C20 Diesel Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	072SB-0085-0001-SO	N	1	C20-C34 Motor Oil Range Organics	20 U	11	20	10	MG/KG
M8015D/NONE	072SB-0086-0001-SO	FD	1	C10-C20 Diesel Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0086-0001-SO	FD	1	C20-C34 Motor Oil Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0087-0001-SO	N	1	C10-C20 Diesel Range Organics	18 U	9.9	18	10	MG/KG
M8015D/NONE	072SB-0087-0001-SO	N	1	C20-C34 Motor Oil Range Organics	18 U	9.9	18	10	MG/KG
M8015D/NONE	072SB-0088-0001-SO	N	1	C10-C20 Diesel Range Organics	18 U	10	18	10	MG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
M8015D/NONE	072SB-0088-0001-SO	N	1	C20-C34 Motor Oil Range Organics	11 J	10	18	10	MG/KG
M8015D/NONE	072SB-0089-0001-SO	N	1	C10-C20 Diesel Range Organics	18 U	10	18	10	MG/KG
M8015D/NONE	072SB-0089-0001-SO	N	1	C20-C34 Motor Oil Range Organics	18 U	10	18	10	MG/KG
M8015D/NONE	072SB-0090-0001-SO	N	1	C10-C20 Diesel Range Organics	18 U	10	18	10	MG/KG
M8015D/NONE	072SB-0090-0001-SO	N	1	C20-C34 Motor Oil Range Organics	14 J	10	18	10	MG/KG
M8015D/NONE	072SB-0091-0001-SO	N	1	C10-C20 Diesel Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0091-0001-SO	N	1	C20-C34 Motor Oil Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0092-0001-SO	N	1	C10-C20 Diesel Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	072SB-0092-0001-SO	N	1	C20-C34 Motor Oil Range Organics	19 U	11	19	10	MG/KG
M8015D/NONE	076-0140-0001-ER	N	1	C10-C20 Diesel Range Organics	480 U	230	480	0.5	UG/L
M8015D/NONE	076-0140-0001-ER	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
M8015V/NONE	072SB-0077-0001-SO	FD	1	Petroleum Hydrocarbons C6-C12	2900 J	1700	5000	100	UG/KG
M8015V/NONE	072SB-0079-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	860	50	110	100	UG/KG
M8015V/NONE	072SB-0080-0001-SO	FD	1	Petroleum Hydrocarbons C6-C12	4200 J	1700	5100	100	UG/KG
M8015V/NONE	072SB-0082-0001-SO	FD	2	Petroleum Hydrocarbons C6-C12	37000	3000	8800	100	UG/KG
M8015V/NONE	072SB-0082-0001-SO	FD	2	Petroleum Hydrocarbons C6-C12	43000	3000	8800	100	UG/KG
M8015V/NONE	072SB-0084-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	120 U	54	120	100	UG/KG
M8015V/NONE	072SB-0085-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	130 U	58	130	100	UG/KG
M8015V/NONE	072SB-0087-0001-SO	N	1	Petroleum Hydrocarbons C6-C12	150 U	67	150	100	UG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0075-0001-SO	N	1	Barium	53	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0075-0001-SO	N	1	Beryllium	0.63	0.008	0.11	0.1	MG/KG
SW6020/NONE	072SB-0075-0001-SO	N	1	Cadmium	0.16	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0075-0001-SO	N	1	Calcium	2000	1.4	11	10	MG/KG
SW6020/NONE	072SB-0075-0001-SO	N	1	Magnesium	4800	1.2	11	10	MG/KG
SW6020/NONE	072SB-0075-0001-SO	N	1	Selenium	0.5 J	0.055	0.54	0.5	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Barium	56 J	0.012	1.1	1	MG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0076-0001-SO	N	1	Beryllium	0.55	0.0082	0.11	0.1	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Cadmium	0.18	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Calcium	1300	1.5	11	10	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Magnesium	2600	1.2	11	10	MG/KG
SW6020/NONE	072SB-0076-0001-SO	N	1	Selenium	0.56	0.056	0.55	0.5	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Barium	95 J	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Beryllium	0.56	0.0083	0.11	0.1	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Cadmium	0.22	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Calcium	1400	1.5	11	10	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Magnesium	2000	1.2	11	10	MG/KG
SW6020/NONE	072SB-0077-0001-SO	FD	1	Selenium	0.7	0.056	0.55	0.5	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Barium	69	0.013	1.2	1	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Beryllium	0.6	0.0092	0.12	0.1	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Cadmium	0.2	0.016	0.12	0.1	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Calcium	1600	1.6	12	10	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Magnesium	2700	1.3	12	10	MG/KG
SW6020/NONE	072SB-0079-0001-SO	N	1	Selenium	0.76	0.063	0.62	0.5	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Barium	47	0.011	1.1	1	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Beryllium	0.63	0.008	0.11	0.1	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Cadmium	0.25	0.014	0.11	0.1	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Calcium	4600	1.4	11	10	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Magnesium	5800	1.2	11	10	MG/KG
SW6020/NONE	072SB-0080-0001-SO	FD	1	Selenium	0.46 J	0.054	0.53	0.5	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Barium	38	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Beryllium	0.47	0.0086	0.11	0.1	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Cadmium	0.14	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Calcium	7500	1.5	11	10	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Magnesium	5500	1.2	11	10	MG/KG
SW6020/NONE	072SB-0082-0001-SO	FD	1	Selenium	0.54 J	0.058	0.57	0.5	MG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW6020/NONE	072SB-0083-0001-SO	N	1	Selenium	0.47 J	0.052	0.51	0.5	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Barium	35	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Beryllium	0.48	0.0083	0.11	0.1	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Cadmium	0.14	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Calcium	7300	1.5	11	10	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Magnesium	5300	1.2	11	10	MG/KG
SW6020/NONE	072SB-0084-0001-SO	N	1	Selenium	0.49 J	0.056	0.55	0.5	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Barium	32	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Beryllium	0.44	0.0085	0.11	0.1	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Cadmium	0.13	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Calcium	8400	1.5	11	10	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Magnesium	5300	1.2	11	10	MG/KG
SW6020/NONE	072SB-0085-0001-SO	N	1	Selenium	0.46 J	0.057	0.56	0.5	MG/KG
SW6020/NONE	072SB-0086-0001-SO	FD	1	Selenium	0.4 J	0.051	0.51	0.5	MG/KG
SW6020/NONE	072SB-0089-0001-SO	N	1	Selenium	0.46 J	0.052	0.51	0.5	MG/KG
SW6020/NONE	072SB-0090-0001-SO	N	1	Selenium	0.28 J	0.053	0.52	0.5	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Barium	31	0.012	1.1	1	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Beryllium	0.46	0.0083	0.11	0.1	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Cadmium	0.15	0.015	0.11	0.1	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Calcium	5700	1.5	11	10	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Magnesium	5400	1.2	11	10	MG/KG
SW6020/NONE	072SB-0091-0001-SO	N	1	Selenium	0.49 J	0.056	0.55	0.5	MG/KG
SW6020/NONE	076-0140-0001-ER	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	072SB-0075-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0076-0001-SO	N	1	Mercury	0.14 U	0.019	0.14	0.1	MG/KG
SW7471A/NONE	072SB-0077-0001-SO	FD	1	Mercury	0.13 U	0.019	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0079-0001-SO	N	1	Mercury	0.034 J	0.021	0.15	0.1	MG/KG
SW7471A/NONE	072SB-0080-0001-SO	FD	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 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW7471A/NONE	072SB-0081-0001-SO	N	1	Mercury	0.12 U	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0082-0001-SO	FD	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0083-0001-SO	N	1	Mercury	0.11 U	0.016	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0084-0001-SO	N	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0085-0001-SO	N	1	Mercury	0.13 U	0.019	0.13	0.1	MG/KG
SW7471A/NONE	072SB-0086-0001-SO	FD	1	Mercury	0.12 U	0.017	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0088-0001-SO	N	1	Mercury	0.016 J	0.016	0.12	0.1	MG/KG
SW7471A/NONE	072SB-0090-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0091-0001-SO	N	1	Mercury	0.11 U	0.015	0.11	0.1	MG/KG
SW7471A/NONE	072SB-0092-0001-SO	N	1	Mercury	0.13 U	0.018	0.13	0.1	MG/KG

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	072SB-0075-0001-SO	N	1	Aldrin	4.6 UJ	1.4	4.6	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	2.8 UJ	0.83	2.8	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	alpha-Chlordane	3.4 UJ	1.1	3.4	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	alpha-Endosulfan	1.9 UJ	0.59	1.9	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	beta-BHC (beta-Hexachlorocyclohexane)	4 UJ	1.3	4	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	beta-Endosulfan	2.8 UJ	0.93	2.8	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	delta-BHC (delta-Hexachlorocyclohexane)	4.6 UJ	1.4	4.6	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Dieldrin	1.9 UJ	0.54	1.9	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Endosulfan Sulfate	3.4 UJ	0.99	3.4	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Endrin	1.9 UJ	0.57	1.9	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Endrin Aldehyde	3.4 UJ	1.1	3.4	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Endrin Ketone	2.3 UJ	0.72	2.3	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	gamma-BHC (Lindane)	2.8 UJ	0.84	2.8	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	gamma-Chlordane	1.9 UJ	0.48	1.9	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Heptachlor	4 UJ	1.3	4	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Heptachlor Epoxide	2.8 UJ	0.91	2.8	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	Methoxychlor	5.7 UJ	1.7	5.7	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	p,p'-DDD	2.3 UJ	0.71	2.3	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 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8081/NONE	072SB-0075-0001-SO	N	1	p,p'-DDE	1.9 UJ	0.44	1.9	1.7	UG/KG
SW8081/NONE	072SB-0075-0001-SO	N	1	p,p'-DDT	2.3 UJ	0.72	2.3	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Aldrin	24 UJ	7.2	24	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	alpha-BHC (alpha-Hexachlorocyclohexane)	15 UJ	4.4	15	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	alpha-Chlordane	18 UJ	5.6	18	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	alpha-Endosulfan	10 UJ	3.1	10	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	beta-BHC (beta-Hexachlorocyclohexane)	21 UJ	6.6	21	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	beta-Endosulfan	15 UJ	4.9	15	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	delta-BHC (delta-Hexachlorocyclohexane)	24 UJ	7.2	24	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Dieldrin	10 UJ	2.8	10	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Endosulfan Sulfate	18 UJ	5.2	18	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Endrin	10 UJ	3	10	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Endrin Aldehyde	18 UJ	6	18	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Endrin Ketone	12 UJ	3.8	12	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	gamma-BHC (Lindane)	15 UJ	4.4	15	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	gamma-Chlordane	10 UJ	2.5	10	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Heptachlor	21 UJ	6.6	21	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Heptachlor Epoxide	15 UJ	4.8	15	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Methoxychlor	30 UJ	9	30	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	p,p'-DDD	12 UJ	3.7	12	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	p,p'-DDE	10 UJ	2.3	10	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	p,p'-DDT	12 UJ	3.8	12	1.7	UG/KG
SW8081/NONE	072SB-0082-0001-SO	FD	5	Toxaphene	400 U	110	400	170	UG/KG
SW8081/NONE	076-0140-0001-ER	N	1	Aldrin	0.048 U	0.0078	0.048	0.03	UG/L
SW8081/NONE	076-0140-0001-ER	N	1	alpha-BHC (alpha-Hexachlorocyclohexane)	0.048 U	0.0067	0.048	0.03	UG/L
SW8081/NONE	076-0140-0001-ER	N	1	Dieldrin	0.048 U	0.0071	0.048	0.03	UG/L
SW8081/NONE	076-0140-0001-ER	N	1	Heptachlor	0.048 U	0.0076	0.048	0.03	UG/L
SW8081/NONE	076-0140-0001-ER	N	1	Heptachlor Epoxide	0.048 U	0.0068	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 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1016 (Arochlor 1016)	74 U	24	74	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1221 (Arochlor 1221)	57 U	18	57	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1232 (Arochlor 1232)	51 U	16	51	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1242 (Arochlor 1242)	46 U	15	46	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1248 (Arochlor 1248)	63 U	19	63	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1254 (Arochlor 1254)	63 U	19	63	33	UG/KG
SW8082/NONE	072SB-0075-0001-SO	N	1	PCB-1260 (Arochlor 1260)	63 U	19	63	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1016 (Arochlor 1016)	78 U	25	78	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1221 (Arochlor 1221)	60 U	19	60	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1232 (Arochlor 1232)	54 U	17	54	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1242 (Arochlor 1242)	48 U	16	48	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1248 (Arochlor 1248)	66 U	20	66	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1254 (Arochlor 1254)	66 U	20	66	33	UG/KG
SW8082/NONE	072SB-0082-0001-SO	FD	1	PCB-1260 (Arochlor 1260)	66 U	20	66	33	UG/KG
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1016 (Arochlor 1016)	0.48 U	0.16	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1221 (Arochlor 1221)	0.48 U	0.12	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1232 (Arochlor 1232)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1242 (Arochlor 1242)	0.48 U	0.21	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1248 (Arochlor 1248)	0.48 U	0.095	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	N	1	PCB-1254 (Arochlor 1254)	0.48 U	0.15	0.48	0.2	UG/L
SW8082/NONE	076-0140-0001-ER	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	072SB-0075-0001-SO	N	1	1,2-Dichloroethene	8.8 U	0.68	8.8	5	UG/KG
SW8260B/NONE	072SB-0079-0001-SO	N	1	Benzene	46	0.25	5.4	5	UG/KG
SW8260B/NONE	072SB-0079-0001-SO	N	1	Ethylbenzene	30	0.28	5.4	5	UG/KG
SW8260B/NONE	072SB-0079-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.4 U	0.47	5.4	5	UG/KG
SW8260B/NONE	072SB-0079-0001-SO	N	1	Toluene	140	0.29	5.4	5	UG/KG
SW8260B/NONE	072SB-0079-0001-SO	N	1	Xylenes, Total	230	0.73	11	10	UG/KG
SW8260B/NONE	072SB-0081-0001-SO	N	1	Benzene	7.9 U	0.36	7.9	5	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0081-0001-SO	N	1	Ethylbenzene	7.9 U	0.41	7.9	5	UG/KG
SW8260B/NONE	072SB-0081-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	7.9 U	0.68	7.9	5	UG/KG
SW8260B/NONE	072SB-0081-0001-SO	N	1	Toluene	5.3 J	0.43	7.9	5	UG/KG
SW8260B/NONE	072SB-0081-0001-SO	N	1	Xylenes, Total	16 U	1.1	16	10	UG/KG
SW8260B/NONE	072SB-0082-0001-SO	FD	1	1,2-Dichloroethene	9.6 U	0.74	9.6	5	UG/KG
SW8260B/NONE	072SB-0085-0001-SO	N	1	Benzene	6 U	0.28	6	5	UG/KG
SW8260B/NONE	072SB-0085-0001-SO	N	1	Ethylbenzene	6 U	0.31	6	5	UG/KG
SW8260B/NONE	072SB-0085-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6 U	0.52	6	5	UG/KG
SW8260B/NONE	072SB-0085-0001-SO	N	1	Toluene	4.3 J	0.32	6	5	UG/KG
SW8260B/NONE	072SB-0085-0001-SO	N	1	Xylenes, Total	12 U	0.8	12	10	UG/KG
SW8260B/NONE	072SB-0087-0001-SO	N	1	Benzene	6.1 U	0.28	6.1	5	UG/KG
SW8260B/NONE	072SB-0087-0001-SO	N	1	Ethylbenzene	6.1 U	0.32	6.1	5	UG/KG
SW8260B/NONE	072SB-0087-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6.1 U	0.52	6.1	5	UG/KG
SW8260B/NONE	072SB-0087-0001-SO	N	1	Toluene	6.2	0.33	6.1	5	UG/KG
SW8260B/NONE	072SB-0087-0001-SO	N	1	Xylenes, Total	12 U	0.81	12	10	UG/KG
SW8260B/NONE	072SB-0089-0001-SO	N	1	Benzene	5.6 U	0.26	5.6	5	UG/KG
SW8260B/NONE	072SB-0089-0001-SO	N	1	Ethylbenzene	5.6 U	0.29	5.6	5	UG/KG
SW8260B/NONE	072SB-0089-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.6 U	0.48	5.6	5	UG/KG
SW8260B/NONE	072SB-0089-0001-SO	N	1	Toluene	3.8 J	0.3	5.6	5	UG/KG
SW8260B/NONE	072SB-0089-0001-SO	N	1	Xylenes, Total	11 U	0.75	11	10	UG/KG
SW8260B/NONE	072SB-0090-0001-SO	N	1	Benzene	5.3 U	0.24	5.3	5	UG/KG
SW8260B/NONE	072SB-0090-0001-SO	N	1	Ethylbenzene	5.3 U	0.27	5.3	5	UG/KG
SW8260B/NONE	072SB-0090-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	5.3 U	0.45	5.3	5	UG/KG
SW8260B/NONE	072SB-0090-0001-SO	N	1	Toluene	2.8 J	0.28	5.3	5	UG/KG
SW8260B/NONE	072SB-0090-0001-SO	N	1	Xylenes, Total	11 U	0.7	11	10	UG/KG
SW8260B/NONE	072SB-0091-0001-SO	N	1	Benzene	6.5 U	0.3	6.5	5	UG/KG
SW8260B/NONE	072SB-0091-0001-SO	N	1	Ethylbenzene	6.5 U	0.34	6.5	5	UG/KG
SW8260B/NONE	072SB-0091-0001-SO	N	1	tert-Butyl Methyl Ether (MTBE)	6.5 U	0.56	6.5	5	UG/KG
SW8260B/NONE	072SB-0091-0001-SO	N	1	Toluene	5 J	0.35	6.5	5	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8260B/NONE	072SB-0091-0001-SO	N	1	Xylenes, Total	13 U	0.87	13	10	UG/KG
SW8260B/NONE	076-0140-0001-ER	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076-0141-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076-0142-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0137-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0138-0001-TB	N	1	1,2-Dichloroethene	2 U	0.34	2	1	UG/L
SW8260B/NONE	076SB-0139-0001-TB	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	072SB-0075-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0075-0001-SO	N	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	072SB-0075-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0075-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0076-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	072SB-0076-0001-SO	N	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	072SB-0076-0001-SO	N	1	Cresols, m & p	480 U	24	480	300	UG/KG
SW8270C/NONE	072SB-0076-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	072SB-0077-0001-SO	FD	1	Benzoic acid	810 R	410	810	800	UG/KG
SW8270C/NONE	072SB-0077-0001-SO	FD	1	Benzyl alcohol	410 U	26	410	330	UG/KG
SW8270C/NONE	072SB-0077-0001-SO	FD	1	Carbazole	61 U	33	61	50	UG/KG
SW8270C/NONE	072SB-0077-0001-SO	FD	1	Cresols, m & p	490 U	25	490	300	UG/KG
SW8270C/NONE	072SB-0077-0001-SO	FD	1	Hexachlorocyclopentadiene	410 U	33	410	330	UG/KG
SW8270C/NONE	072SB-0079-0001-SO	N	1	Benzoic acid	870 R	440	870	800	UG/KG
SW8270C/NONE	072SB-0079-0001-SO	N	1	Benzyl alcohol	430 U	28	430	330	UG/KG
SW8270C/NONE	072SB-0079-0001-SO	N	1	Carbazole	66 U	35	66	50	UG/KG
SW8270C/NONE	072SB-0079-0001-SO	N	1	Cresols, m & p	520 U	26	520	300	UG/KG
SW8270C/NONE	072SB-0079-0001-SO	N	1	Hexachlorocyclopentadiene	430 U	35	430	330	UG/KG
SW8270C/NONE	072SB-0080-0001-SO	FD	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	072SB-0080-0001-SO	FD	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	072SB-0080-0001-SO	FD	1	Cresols, m & p	470 U	23	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 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0080-0001-SO	FD	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	072SB-0081-0001-SO	N	1	Benzyl alcohol	370 U	24	370	330	UG/KG
SW8270C/NONE	072SB-0081-0001-SO	N	1	Carbazole	56 U	30	56	50	UG/KG
SW8270C/NONE	072SB-0081-0001-SO	N	1	Cresols, m & p	450 U	23	450	300	UG/KG
SW8270C/NONE	072SB-0081-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	30	370	330	UG/KG
SW8270C/NONE	072SB-0082-0001-SO	FD	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	072SB-0082-0001-SO	FD	1	Carbazole	59 U	32	59	50	UG/KG
SW8270C/NONE	072SB-0082-0001-SO	FD	1	Cresols, m & p	470 U	23	470	300	UG/KG
SW8270C/NONE	072SB-0082-0001-SO	FD	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	072SB-0083-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0083-0001-SO	N	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	072SB-0083-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0083-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0084-0001-SO	N	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0084-0001-SO	N	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	072SB-0084-0001-SO	N	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0084-0001-SO	N	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0085-0001-SO	N	1	Benzyl alcohol	390 U	25	390	330	UG/KG
SW8270C/NONE	072SB-0085-0001-SO	N	1	Carbazole	58 U	32	58	50	UG/KG
SW8270C/NONE	072SB-0085-0001-SO	N	1	Cresols, m & p	470 U	23	470	300	UG/KG
SW8270C/NONE	072SB-0085-0001-SO	N	1	Hexachlorocyclopentadiene	390 U	32	390	330	UG/KG
SW8270C/NONE	072SB-0086-0001-SO	FD	1	Benzyl alcohol	380 U	24	380	330	UG/KG
SW8270C/NONE	072SB-0086-0001-SO	FD	1	Carbazole	58 U	31	58	50	UG/KG
SW8270C/NONE	072SB-0086-0001-SO	FD	1	Cresols, m & p	460 U	23	460	300	UG/KG
SW8270C/NONE	072SB-0086-0001-SO	FD	1	Hexachlorocyclopentadiene	380 U	31	380	330	UG/KG
SW8270C/NONE	072SB-0087-0001-SO	N	1	Benzyl alcohol	360 U	23	360	330	UG/KG
SW8270C/NONE	072SB-0087-0001-SO	N	1	Carbazole	54 U	29	54	50	UG/KG
SW8270C/NONE	072SB-0087-0001-SO	N	1	Cresols, m & p	430 U	22	430	300	UG/KG
SW8270C/NONE	072SB-0087-0001-SO	N	1	Hexachlorocyclopentadiene	360 U	29	360	330	UG/KG

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

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Reporting Anomalies

SDG Name: 240-18703-1_(72-SB_76-TB)

Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8270C/NONE	072SB-0088-0001-SO	N	1	Benzyl alcohol	360 U	23	360	330	UG/KG
SW8270C/NONE	072SB-0088-0001-SO	N	1	Carbazole	54 U	29	54	50	UG/KG
SW8270C/NONE	072SB-0088-0001-SO	N	1	Cresols, m & p	430 U	22	430	300	UG/KG
SW8270C/NONE	072SB-0088-0001-SO	N	1	Hexachlorocyclopentadiene	360 U	29	360	330	UG/KG
SW8270C/NONE	072SB-0089-0001-SO	N	1	Benzyl alcohol	370 U	24	370	330	UG/KG
SW8270C/NONE	072SB-0089-0001-SO	N	1	Carbazole	56 U	30	56	50	UG/KG
SW8270C/NONE	072SB-0089-0001-SO	N	1	Cresols, m & p	450 U	22	450	300	UG/KG
SW8270C/NONE	072SB-0089-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	30	370	330	UG/KG
SW8270C/NONE	072SB-0090-0001-SO	N	1	Benzyl alcohol	370 U	24	370	330	UG/KG
SW8270C/NONE	072SB-0090-0001-SO	N	1	Carbazole	56 U	30	56	50	UG/KG
SW8270C/NONE	072SB-0090-0001-SO	N	1	Cresols, m & p	450 U	22	450	300	UG/KG
SW8270C/NONE	072SB-0090-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	30	370	330	UG/KG
SW8270C/NONE	072SB-0091-0001-SO	N	1	Benzyl alcohol	370 U	24	370	330	UG/KG
SW8270C/NONE	072SB-0091-0001-SO	N	1	Carbazole	57 U	31	57	50	UG/KG
SW8270C/NONE	072SB-0091-0001-SO	N	1	Cresols, m & p	450 U	23	450	300	UG/KG
SW8270C/NONE	072SB-0091-0001-SO	N	1	Hexachlorocyclopentadiene	370 U	31	370	330	UG/KG
Test Leach	FieldSample ID	Type	Dilution	Analyte	Result	DL	RL	Project RL	Units
SW8330B/NONE	076-0140-0001-ER	N	1	2-Nitrotoluene	0.5 U	0.088	0.5	0.2	UG/L
SW8330B/NONE	076-0140-0001-ER	N	1	3-Nitrotoluene	0.5 U	0.057	0.5	0.2	UG/L
SW8330B/NONE	076-0140-0001-ER	N	1	4-Nitrotoluene	0.5 U	0.088	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 240-18703-1_(72-SB_76-TB)

Worksheet

SDG Name: 240-18703-1_(72-SB_76-TB)

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?			•	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 240-18703-1_(72-SB_76-TB)

Method: M8015D				
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?				
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 240-18703-1_(72-SB_76-TB)

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?				
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 240-18703-1_(72-SB_76-TB)

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?			•	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 240-18703-1_(72-SB_76-TB)

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?			•	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

Review Questions	Yes	No	NA	Comment
Did Chain-of-Custody information agree with laboratory report and EDD for requested field samples and tests?				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Method: SW7471A

Review Questions	Yes	No	NA	Comment
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: 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?				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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%)?				
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?				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

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%)?				
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?				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Method: SW8082

Review Questions	Yes	No	NA	Comment
-------------------------	------------	-----------	-----------	----------------

Were sample preparation sheets present and filled out appropriately?

Were instrument run logs present and filled out appropriately?

Method: SW8151

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?

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 240-18703-1_(72-SB_76-TB)

Method: SW8151				
Review Questions	Yes	No	NA	Comment
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?			•	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 240-18703-1_(72-SB_76-TB)

Method: SW8260B

Review Questions	Yes	No	NA	Comment
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?				

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?				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Method: SW8270C				
Review Questions	Yes	No	NA	Comment
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 240-18703-1_(72-SB_76-TB)

Method: SW8270C

Review Questions	Yes	No	NA	Comment
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

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?				

AUTOMATED DATA REVIEW SUMMARY for 240-18703-1_(72-SB_76-TB)

Method: SW8330B				
Review Questions	Yes	No	NA	Comment
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 13

**Automated Data Review Summary for 240-22804-1
Rinsate Water**

This page intentionally left blank.

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

Analytical Method/ Leach Method	Normal Soil Samples	Normal Water Samples	Field QC Soil Samples	Field QC Water Samples
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

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

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
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

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
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

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?	•			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

Method: SW8081

Review Questions	Yes	No	NA	Comment
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?	•			

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%)?	•			
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

Method: SW8082				
Review Questions	Yes	No	NA	Comment
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				
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?	•			

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

Method: SW8260B				
Review Questions	Yes	No	NA	Comment
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?		•		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

Review Questions	Yes	No	NA	Comment
Were sample preparation sheets present and filled out appropriately?	•			
Were instrument run logs present and filled out appropriately?	•			

WORKSHEET 14

Automated Data Review Summary for Field Duplicates

This page intentionally left blank.

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-4740-DU3-SB6 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 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Aluminum	6900	9700	2.90	33.7	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Antimony	ND	ND	0.190	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Arsenic	7.80	8.10	0.0970	3.77	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Barium	39.0	55.0	0.970	34.0	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Beryllium	0.350	0.490	0.0970	33.3	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Cadmium	0.150	0.170	0.0970	12.5	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Calcium	1600	1500	9.70	6.45	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Chromium	9.80	14.0	0.190	35.3	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Cobalt	5.50	7.60	0.0490	32.1	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Copper	14.0	16.0	0.190	13.3	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Iron	16000	20000	4.90	22.2	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Lead	12.0	14.0	0.0970	15.4	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Magnesium	1700	2500	9.70	38.1	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Manganese	220	270	0.490	20.4	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Nickel	12.0	17.0	0.0970	34.5	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Potassium	630	850	9.70	29.7	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Selenium	0.310	0.400	0.490	25.4	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Silver	0.0260	0.0290	0.0970	10.9	50	NA	OK

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-4740-DU3-SB6 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 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Sodium	69.0	91.0	9.70	27.5	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Thallium	0.0980	0.130	0.0970	28.1	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Vanadium	12.0	16.0	0.0970	28.6	50	OK	NA
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Zinc	37.0	45.0	0.490	19.5	50	OK	NA

Location **Analysis**
 70-4740-DU3-SB6 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 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Mercury	0.0180	0.0210	0.0880	15.4	50	NA	OK

Location **Analysis**
 70-4740-DU3-SB6 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
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1016 (Arochlor 1016)	ND	ND	65.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1221 (Arochlor 1221)	ND	ND	50.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1232 (Arochlor 1232)	ND	ND	45.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1242 (Arochlor 1242)	ND	ND	40.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1248 (Arochlor 1248)	ND	ND	55.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1254 (Arochlor 1254)	ND	ND	55.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	PCB-1260 (Arochlor 1260)	ND	ND	55.0	NA	50	NA	OK

Field Duplicate Report By Event and Site
Ravenna Army Ammunition Plant
RVAAP, QAPP Oct. 2012

Location **Analysis**
70-4740-DU3-SB6 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 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	1,2,4-Trichlorobenzene	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	1,2-Dichlorobenzene	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	1,3-Dichlorobenzene	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	1,4-Dichlorobenzene	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4,5-Trichlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4,6-Trichlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4-Dichlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4-Dimethylphenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4-Dinitrophenol	ND	ND	3300	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,4-Dinitrotoluene	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2,6-Dinitrotoluene	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Chloronaphthalene	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Chlorophenol	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Methylnaphthalene	ND	34.0	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Methylphenol (o-Cresol)	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	2-Nitrophenol	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	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**
70-4740-DU3-SB6 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 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	3-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4,6-Dinitro-2-Methylphenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Bromophenyl phenyl ether	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Chloro-3-Methylphenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Chloroaniline	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Chlorophenyl Phenyl Ether	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	4-Nitrophenol	ND	ND	3300	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Acenaphthene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Acenaphthylene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Anthracene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzo(a)anthracene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzo(a)pyrene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzo(b)fluoranthene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzo(g,h,i)perylene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzo(k)fluoranthene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzoic acid	ND	ND	6600	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	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
70-4740-DU3-SB6 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 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Benzyl butyl phthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	bis(2-Chloroethoxy) Methane	ND	ND	1000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	1000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	bis(2-Chloroisopropyl) Ether	ND	ND	1000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	bis(2-Ethylhexyl) Phthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Carbazole	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Chrysene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Cresols, m & p	ND	ND	4000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Di-n-Butyl Phthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Di-n-Octylphthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Dibenz(a,h)anthracene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Dibenzofuran	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Diethyl Phthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Dimethyl Phthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Fluoranthene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Fluorene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Hexachlorobenzene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	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**
70-4740-DU3-SB6 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 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Hexachlorocyclopentadiene	ND	ND	3300	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Hexachloroethane	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Indeno(1,2,3-c,d)pyrene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Isophorone	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	n-Nitrosodi-n-propylamine	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	n-Nitrosodiphenylamine	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Naphthalene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Nitrobenzene	ND	ND	1000	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Pentachlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Phenanthrene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Phenol	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0046M-0001-SO / 070SB-0047M-0001-SO	240-18581-5 / 240-18581-6	Pyrene	ND	ND	67.0	NA	50	NA	OK

Location **Analysis**
70-4744-DU1-SB6 M8015D

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 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	C10-C20 Diesel Range Organics	370	350	210	5.56	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	C20-C34 Motor Oil Range Organics	430	400	210	7.23	30	NA	OK

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant
RVAAP, QAPP Oct. 2012

Location Analysis
70-4744-DU1-SB6 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
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,1,1-Trichloroethane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,1,2,2-Tetrachloroethane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,1,2-Trichloroethane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,1-Dichloroethane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,1-Dichloroethene	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2-Dibromoethane (EDB)	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2-Dichloroethane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2-Dichloroethene	ND	ND	8.90	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2-Dichloropropane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Butanone (MEK)	6.20	5.50	18.0	12.0	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Hexanone	ND	ND	18.0	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Methyl-2-pentanone (MIBK)	ND	ND	18.0	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Acetone	24.0	ND	18.0	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzene	0.730	0.840	4.50	14.0	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Bromochloromethane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Bromodichloromethane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Bromoform	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Bromomethane	ND	ND	4.50	NA	50	NA	OK

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Location

Analysis

70-4744-DU1-SB6

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
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Carbon Disulfide	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Carbon Tetrachloride	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Chlorobenzene	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Chloroethane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Chloroform	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Chloromethane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	cis-1,3-Dichloropropene	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Dibromochloromethane	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Ethylbenzene	4.70	4.70	4.50	0.00	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Methylene Chloride	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Styrene	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	tert-Butyl Methyl Ether (MTBE)	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Tetrachloroethene (PCE)	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Toluene	2.70	1.90	4.50	34.8	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	trans-1,3-Dichloropropene	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Trichloroethene (TCE)	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Vinyl Chloride	ND	ND	4.50	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Xylenes, Total	20.0	20.0	8.90	0.00	50	NA	OK

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-4744-DU1-SB6 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 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2,4-Trichlorobenzene	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,2-Dichlorobenzene	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,3-Dichlorobenzene	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	1,4-Dichlorobenzene	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4,5-Trichlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4,6-Trichlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4-Dichlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4-Dimethylphenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4-Dinitrophenol	ND	ND	3300	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,4-Dinitrotoluene	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2,6-Dinitrotoluene	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Chloronaphthalene	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Chlorophenol	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Methylnaphthalene	680	660	66.0	2.99	50	OK	NA
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Methylphenol (o-Cresol)	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	2-Nitrophenol	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	3,3'-Dichlorobenzidine	ND	ND	990	NA	50	NA	OK

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-4744-DU1-SB6 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 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	3-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4,6-Dinitro-2-Methylphenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Bromophenyl phenyl ether	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Chloro-3-Methylphenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Chloroaniline	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Chlorophenyl Phenyl Ether	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	4-Nitrophenol	ND	ND	3300	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Acenaphthene	380	260	66.0	37.5	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Acenaphthylene	79.0	61.0	66.0	25.7	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Anthracene	ND	ND	66.0	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzo(a)anthracene	140	150	66.0	6.90	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzo(a)pyrene	41.0	51.0	66.0	21.7	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzo(b)fluoranthene	34.0	33.0	66.0	2.99	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzo(g,h,i)perylene	57.0	ND	66.0	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzo(k)fluoranthene	ND	ND	66.0	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzoic acid	ND	ND	6500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	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**
 70-4744-DU1-SB6 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 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Benzyl butyl phthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	bis(2-Chloroethoxy) Methane	ND	ND	990	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	990	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	bis(2-Chloroisopropyl) Ether	ND	ND	990	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	bis(2-Ethylhexyl) Phthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Carbazole	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Chrysene	190	98.0	66.0	63.9	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Cresols, m & p	ND	ND	4000	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Di-n-Butyl Phthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Di-n-Octylphthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Dibenz(a,h)anthracene	ND	ND	66.0	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Dibenzofuran	250	180	500	32.6	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Diethyl Phthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Dimethyl Phthalate	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Fluoranthene	170	120	66.0	34.5	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Fluorene	650	500	66.0	26.1	50	OK	NA
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Hexachlorobenzene	ND	ND	66.0	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	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**
70-4744-DU1-SB6 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 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Hexachlorocyclopentadiene	ND	ND	3300	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Hexachloroethane	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Indeno(1,2,3-c,d)pyrene	ND	ND	66.0	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Isophorone	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	n-Nitrosodi-n-propylamine	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	n-Nitrosodiphenylamine	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Naphthalene	50.0	51.0	66.0	1.98	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Nitrobenzene	ND	ND	990	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Pentachlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Phenanthrene	1000	810	66.0	21.0	50	OK	NA
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Phenol	ND	ND	500	NA	50	NA	OK
Dec 7 2012	070SB-0042M-0001-SO / 070SB-0043M-0001-SO	240-18581-1 / 240-18581-2	Pyrene	1000	730	66.0	31.2	50	OK	NA

Location **Analysis**
70-4760-DU5-SB6 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 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	1,2,4-Trichlorobenzene	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	1,2-Dichlorobenzene	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	1,3-Dichlorobenzene	ND	ND	510	NA	50	NA	OK

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Location

Analysis

70-4760-DU5-SB6

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 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	1,4-Dichlorobenzene	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4,5-Trichlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4,6-Trichlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4-Dichlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4-Dimethylphenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4-Dinitrophenol	ND	ND	3300	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,4-Dinitrotoluene	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2,6-Dinitrotoluene	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Chloronaphthalene	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Chlorophenol	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Methylnaphthalene	ND	81.0	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Methylphenol (o-Cresol)	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	2-Nitrophenol	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	3,3'-Dichlorobenzidine	ND	ND	1000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	3-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4,6-Dinitro-2-Methylphenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Bromophenyl phenyl ether	ND	ND	510	NA	50	NA	OK

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-4760-DU5-SB6 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 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Chloro-3-Methylphenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Chloroaniline	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Chlorophenyl Phenyl Ether	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Nitroaniline	ND	ND	2000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	4-Nitrophenol	ND	ND	3300	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Acenaphthene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Acenaphthylene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Anthracene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzo(a)anthracene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzo(a)pyrene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzo(b)fluoranthene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzo(g,h,i)perylene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzo(k)fluoranthene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzoic acid	ND	ND	6700	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzyl alcohol	ND	ND	3300	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Benzyl butyl phthalate	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	bis(2-Chloroethoxy) Methane	ND	ND	1000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	1000	NA	50	NA	OK

Field Duplicate Report By Event and Site
Ravenna Army Ammunition Plant
RVAAP, QAPP Oct. 2012

Location **Analysis**
70-4760-DU5-SB6 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 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	bis(2-Chloroisopropyl) Ether	ND	ND	1000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	bis(2-Ethylhexyl) Phthalate	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Carbazole	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Chrysene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Cresols, m & p	ND	ND	4000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Di-n-Butyl Phthalate	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Di-n-Octylphthalate	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Dibenz(a,h)anthracene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Dibenzofuran	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Diethyl Phthalate	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Dimethyl Phthalate	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Fluoranthene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Fluorene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Hexachlorobenzene	ND	ND	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Hexachlorobutadiene	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Hexachlorocyclopentadiene	ND	ND	3300	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Hexachloroethane	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Indeno(1,2,3-c,d)pyrene	ND	ND	67.0	NA	50	NA	OK

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-4760-DU5-SB6 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 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Isophorone	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	n-Nitrosodi-n-propylamine	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	n-Nitrosodiphenylamine	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Naphthalene	ND	69.0	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Nitrobenzene	ND	ND	1000	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Pentachlorophenol	ND	ND	1500	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Phenanthrene	ND	45.0	67.0	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Phenol	ND	ND	510	NA	50	NA	OK
Dec 7 2012	070SB-0044M-0001-SO / 070SB-0045M-0001-SO	240-18581-3 / 240-18581-4	Pyrene	ND	ND	67.0	NA	50	NA	OK

Location **Analysis**
 70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Nitrocellulose	1.00	0.900	5.00	10.5	40	NA	OK

Location **Analysis**
 70-CDD-DU7-SS M8015D

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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	C10-C20 Diesel Range Organics	23.0	30.0	17.0	26.4	50	NA	OK

Field Duplicate Report By Event and Site
Ravenna Army Ammunition Plant
RVAAP, QAPP Oct. 2012

Location **Analysis**
70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Aluminum	9440	9700	9.30	2.72	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Antimony	1.35	1.10	0.190	20.4	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Arsenic	18.6	19.0	0.460	2.13	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Barium	69.1	67.0	0.460	3.09	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Beryllium	0.691	0.720	0.0930	4.11	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Cadmium	0.300	0.310	0.190	3.28	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Calcium	6020	4500	190	28.9	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Chromium	52.8	21.0	0.460	86.2	50	Out	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Cobalt	8.97	8.20	0.0930	8.97	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Copper	27.7	22.0	0.370	22.9	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Iron	23400	22000	46.0	6.17	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Lead	174	42.0	0.280	122	50	Out	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Magnesium	2710	2400	93.0	12.1	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Manganese	498	430	2.30	14.7	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Nickel	31.5	27.0	0.460	15.4	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Potassium	927	1000	93.0	7.58	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Selenium	0.889	1.20	0.460	29.8	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Silver	0.0347	0.0370	0.0930	6.42	50	NA	OK

Field Duplicate Report By Event and Site

Ravenna Army Ammunition Plant
RVAAP, QAPP Oct. 2012

Location **Analysis**

70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Sodium	55.0	49.0	93.0	11.5	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Thallium	0.221	0.190	0.190	15.1	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Vanadium	15.0	16.0	0.460	6.45	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Zinc	103	110	3.70	6.57	50	OK	NA

Location **Analysis**

70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Mercury	ND	ND	0.0910	NA	50	NA	OK

Location **Analysis**

70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	PCB-1016 (Arochlor 1016)	ND	ND	320	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	PCB-1221 (Arochlor 1221)	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	PCB-1232 (Arochlor 1232)	ND	ND	220	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	PCB-1242 (Arochlor 1242)	380	ND	200	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	PCB-1248 (Arochlor 1248)	ND	120	270	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	PCB-1254 (Arochlor 1254)	ND	ND	270	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	PCB-1260 (Arochlor 1260)	ND	43.0	270	NA	50	NA	OK

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,1,1-Trichloroethane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,1,2,2-Tetrachloroethane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,1,2-Trichloroethane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,1-Dichloroethane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,1-Dichloroethene	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,2-Dibromoethane (EDB)	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,2-Dichloroethane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,2-Dichloroethene	ND	ND	17.0	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,2-Dichloropropane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2-Butanone (MEK)	ND	ND	35.0	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2-Hexanone	ND	ND	35.0	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	4-Methyl-2-pentanone (MIBK)	ND	ND	35.0	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Acetone	ND	28.0	35.0	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Benzene	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Bromochloromethane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Bromodichloromethane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Bromoform	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Bromomethane	ND	ND	8.70	NA	50	NA	OK

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Carbon Disulfide	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Carbon Tetrachloride	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Chlorobenzene	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Chloroethane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Chloroform	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Chloromethane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	cis-1,3-Dichloropropene	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Dibromochloromethane	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Ethylbenzene	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Methylene Chloride	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Styrene	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	tert-Butyl Methyl Ether (MTBE)	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Tetrachloroethene (PCE)	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Toluene	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	trans-1,3-Dichloropropene	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Trichloroethene (TCE)	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Vinyl Chloride	ND	ND	8.70	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Xylenes, Total	ND	ND	17.0	NA	50	NA	OK

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,2,4-Trichlorobenzene	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,2-Dichlorobenzene	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,3-Dichlorobenzene	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,4-Dichlorobenzene	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2,4,5-Trichlorophenol	ND	ND	740	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2,4,6-Trichlorophenol	ND	ND	740	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2,4-Dichlorophenol	ND	ND	740	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2,4-Dimethylphenol	ND	ND	740	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2,4-Dinitrophenol	ND	ND	1600	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2,4-Dinitrotoluene	ND	ND	990	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2,6-Dinitrotoluene	ND	ND	990	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2-Chloronaphthalene	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2-Chlorophenol	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2-Methylnaphthalene	280	260	33.0	7.41	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2-Methylphenol (o-Cresol)	ND	ND	990	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2-Nitroaniline	ND	ND	990	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2-Nitrophenol	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	3,3'-Dichlorobenzidine	ND	ND	490	NA	50	NA	OK

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	3-Nitroaniline	ND	ND	990	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	4,6-Dinitro-2-Methylphenol	ND	ND	740	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	4-Bromophenyl phenyl ether	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	4-Chloro-3-Methylphenol	ND	ND	740	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	4-Chloroaniline	ND	ND	740	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	4-Chlorophenyl Phenyl Ether	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	4-Nitroaniline	ND	ND	990	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	4-Nitrophenol	ND	ND	1600	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Acenaphthene	40.0	68.0	33.0	51.9	50	Out	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Acenaphthylene	ND	ND	33.0	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Anthracene	79.0	110	33.0	32.8	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Benzo(a)anthracene	160	230	33.0	35.9	50	NA	70
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Benzo(a)pyrene	130	190	33.0	37.5	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Benzo(b)fluoranthene	200	300	33.0	40.0	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Benzo(g,h,i)perylene	130	190	33.0	37.5	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Benzo(k)fluoranthene	91.0	120	33.0	27.5	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Benzoic acid	ND	ND	3300	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Benzyl alcohol	ND	ND	1600	NA	50	NA	OK

Field Duplicate Report By Event and Site
Ravenna Army Ammunition Plant
RVAAP, QAPP Oct. 2012

Location **Analysis**
70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Benzyl butyl phthalate	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	bis(2-Chloroethoxy) Methane	ND	ND	490	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ND	ND	490	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	bis(2-Chloroisopropyl) Ether	ND	ND	490	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	bis(2-Ethylhexyl) Phthalate	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Carbazole	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Chrysene	200	270	33.0	29.8	50	OUT	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Cresols, m & p	ND	ND	2000	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Di-n-Butyl Phthalate	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Di-n-Octylphthalate	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Dibenz(a,h)anthracene	ND	ND	33.0	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Dibenzofuran	88.0	100	250	12.8	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Diethyl Phthalate	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Dimethyl Phthalate	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Fluoranthene	370	610	33.0	49.0	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Fluorene	38.0	77.0	33.0	67.8	50	Out	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Hexachlorobenzene	ND	ND	33.0	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Hexachlorobutadiene	ND	ND	250	NA	50	NA	OK

Field Duplicate Report By Event and Site
 Ravenna Army Ammunition Plant
 RVAAP, QAPP Oct. 2012

Location **Analysis**
 70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Hexachlorocyclopentadiene	ND	ND	1600	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Hexachloroethane	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Indeno(1,2,3-c,d)pyrene	90.0	110	33.0	20.0	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Isophorone	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	n-Nitrosodi-n-propylamine	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	n-Nitrosodiphenylamine	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Naphthalene	220	220	33.0	0.00	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Nitrobenzene	ND	ND	490	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Pentachlorophenol	ND	ND	740	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Phenanthrene	420	650	33.0	43.0	50	OK	NA
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Phenol	ND	ND	250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Pyrene	280	480	33.0	52.6	50	Out	NA

Location **Analysis**
 70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,3,5-Trinitrobenzene	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	1,3-Dinitrobenzene	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2,4,6-Trinitrotoluene	ND	ND	0.250	NA	50	NA	OK

Field Duplicate Report By Event and Site
Ravenna Army Ammunition Plant
RVAAP, QAPP Oct. 2012

Location **Analysis**
70-CDD-DU7-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 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2,4-Dinitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2,6-Dinitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2-Amino-4,6-dinitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	2-Nitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	3-Nitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	4-Amino-2,6-Dinitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	4-Nitrotoluene	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Nitrobenzene	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Nitroglycerin	ND	ND	0.500	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	NITROGUANIDINE	ND	ND	0.240	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	ND	ND	0.250	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Pentaerythritol Tetranitrate	ND	ND	0.500	NA	50	NA	OK
Nov 5 2012	070SS-0006M-0001-SO / 070SS-0007M-0001-SO	240-17230-6 / 240-17230-7	Tetryl	ND	ND	0.250	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

ATTACHMENT A

Quality Control – Trip Blanks and Equipment Rinsate Blanks

This page intentionally left blank.

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan,
Oct. 3. 2012

Locations:	76-A1-UST-SB2	76-A3-DU1-SB5
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012

Chlorinated Herbicides by GC Using Methylation or
Pentafluorobenzoylation Derivatization: Capillary
Column Technique

2,4 DB (UG/L)	4.0 U	4.0 U
2,4,5-T (Trichlorophenoxyacetic Acid) (UG/L)	1.0 U	1.0 U
2,4-D (Dichlorophenoxyacetic Acid) (UG/L)	4.0 U	4.0 U
Dalapon (UG/L)	2.0 U	2.0 U
Dicamba (UG/L)	2.0 U	2.0 U
Dichloroprop (UG/L)	4.0 U	4.0 U
Dinoseb (UG/L)	0.60 U	0.60 U
MCPA (UG/L)	400 UJ	400 UJ
MCPP (UG/L)	400 UJ	400 U
Pentachlorophenol (UG/L)	0.10 U	0.10 U
Silvex (2,4,5-TP) (UG/L)	1.0 U	1.0 U

**Equipment Blank
Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan. Oct. 3. 2012

Locations:	76-A1-UST-SB2	76-A3-DU1-SB5
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
Chromium, Hexavalent (Colorimetric)		
Chromium, Hexavalent (MG/KG)	-	-

**Equipment Blank
Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan,
Oct. 3. 2012

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
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

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
Modified SW8015 for the Determination of Diesel Range Organics in Soil and Water, GC/FID		
C10-C20 Diesel Range Organics (UG/L)	480 U	-
C20-C34 Motor Oil Range Organics (UG/L)	480 U	-

**Equipment Blank
Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan. Oct. 3. 2012

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
Modified SW8015 for the Determination of Gasoline Range Organics in Soil and Water, GC/FID		
Petroleum Hydrocarbons C6-C12 (UG/L)	100 U	33.0 J

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct.

3. 2012

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
Nitroaromatics and Nitramines by HPLC		
1,3,5-Trinitrobenzene (UG/L)	0.10 U	0.10 U
1,3-Dinitrobenzene (UG/L)	0.10 U	0.10 U
2,4,6-Trinitrotoluene (UG/L)	0.10 U	0.10 U
2,4-Dinitrotoluene (UG/L)	0.10 U	0.10 U
2,6-Dinitrotoluene (UG/L)	0.10 U	0.10 U
2-Amino-4,6-dinitrotoluene (UG/L)	0.20 U	0.21 U
2-Nitrotoluene (UG/L)	0.50 U	0.51 U
3-Nitrotoluene (UG/L)	0.50 U	0.51 U
4-Amino-2,6-Dinitrotoluene (UG/L)	0.10 U	0.10 U
4-Nitrotoluene (UG/L)	0.50 U	0.51 U
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX) (UG/L)	0.10 U	0.10 U
Nitrobenzene (UG/L)	0.10 U	0.10 U
Nitroglycerin (UG/L)	0.65 U	0.67 U
NITROGUANIDINE (UG/L)	20.0 U	20.0 U
Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX) (UG/L)	0.10 U	0.10 U
Pentaerythritol Tetranitrate (UG/L)	0.65 U	0.67 U
Tetryl (UG/L)	0.10 U	0.10 U

**Equipment Blank
Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct.

3. 2012

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
Nitrogen, Nitrate-Nitrite (Colorimetric Automated, Cadmium Reduction)		
Nitrocellulose (MG/L)	2.0 UJ	2.0 U

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct.

3. 2012

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
Organochlorine Pesticides and PCBs by Capillary GC		
Aldrin (UG/L)	0.048 U	0.048 U
alpha-BHC (alpha-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
alpha-Chlordane (UG/L)	0.048 U	0.048 U
alpha-Endosulfan (UG/L)	0.048 U	0.048 U
beta-BHC (beta-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
beta-Endosulfan (UG/L)	0.048 U	0.048 U
delta-BHC (delta-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
Dieldrin (UG/L)	0.048 U	0.048 U
Endosulfan Sulfate (UG/L)	0.048 U	0.048 U
Endrin (UG/L)	0.048 U	0.048 U
Endrin Aldehyde (UG/L)	0.048 U	0.048 U
Endrin Ketone (UG/L)	0.048 U	0.048 U
gamma-BHC (Lindane) (UG/L)	0.048 U	0.048 U
gamma-Chlordane (UG/L)	0.048 U	0.048 U
Heptachlor (UG/L)	0.048 U	0.048 U
Heptachlor Epoxide (UG/L)	0.048 U	0.048 U
Methoxychlor (UG/L)	0.095 U	0.096 U
p,p'-DDD (UG/L)	0.048 U	0.048 U
p,p'-DDE (UG/L)	0.048 U	0.048 U
p,p'-DDT (UG/L)	0.048 U	0.048 U
Toxaphene (UG/L)	1.9 UJ	1.9 U

**Equipment Blank
Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan. Oct. 3. 2012

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
Polychlorinated Biphenyls (PCB)		
PCB-1016 (Arochlor 1016) (UG/L)	0.48 U	0.48 U
PCB-1221 (Arochlor 1221) (UG/L)	0.48 U	0.48 U
PCB-1232 (Arochlor 1232) (UG/L)	0.48 U	0.48 U
PCB-1242 (Arochlor 1242) (UG/L)	0.48 U	0.48 U
PCB-1248 (Arochlor 1248) (UG/L)	0.48 U	0.48 U
PCB-1254 (Arochlor 1254) (UG/L)	0.48 U	0.48 U
PCB-1260 (Arochlor 1260) (UG/L)	0.48 U	0.48 U

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct.

3. 2012

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
Semivolatile Organic Compounds by Capillary GC/MS		
1,2,4-Trichlorobenzene (UG/L)	0.95 U	0.97 U
1,2-Dichlorobenzene (UG/L)	0.95 U	0.97 U
1,3-Dichlorobenzene (UG/L)	0.95 U	0.97 U
1,4-Dichlorobenzene (UG/L)	0.95 U	0.97 U
2,4,5-Trichlorophenol (UG/L)	4.8 U	4.9 U
2,4,6-Trichlorophenol (UG/L)	4.8 U	4.9 U
2,4-Dichlorophenol (UG/L)	1.9 U	1.9 U
2,4-Dimethylphenol (UG/L)	1.9 U	1.9 U
2,4-Dinitrophenol (UG/L)	4.8 U	4.9 U
2,4-Dinitrotoluene (UG/L)	4.8 U	4.9 U
2,6-Dinitrotoluene (UG/L)	4.8 U	4.9 U
2-Chloronaphthalene (UG/L)	0.95 U	0.97 U
2-Chlorophenol (UG/L)	0.95 U	0.97 U
2-Methylnaphthalene (UG/L)	0.19 U	0.19 U
2-Methylphenol (o-Cresol) (UG/L)	0.95 U	0.97 U
2-Nitroaniline (UG/L)	1.9 U	1.9 U
2-Nitrophenol (UG/L)	1.9 U	1.9 U
3,3'-Dichlorobenzidine (UG/L)	4.8 U	4.9 UJ
3-Nitroaniline (UG/L)	1.9 U	1.9 U
4,6-Dinitro-2-Methylphenol (UG/L)	4.8 U	4.9 U
4-Bromophenyl phenyl ether (UG/L)	1.9 U	1.9 U
4-Chloro-3-Methylphenol (UG/L)	1.9 U	1.9 U
4-Chloroaniline (UG/L)	1.9 U	1.9 U
4-Chlorophenyl Phenyl Ether (UG/L)	1.9 U	1.9 U
4-Nitroaniline (UG/L)	1.9 U	1.9 U
4-Nitrophenol (UG/L)	4.8 UJ	4.9 U
Acenaphthene (UG/L)	0.19 U	0.19 U
Acenaphthylene (UG/L)	0.19 U	0.19 U
Anthracene (UG/L)	0.19 U	0.19 U
Benzo(a)anthracene (UG/L)	0.19 U	0.19 U

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct.

3. 2012

Benzo(a)pyrene (UG/L)	0.19 U	0.19 U
Benzo(b)fluoranthene (UG/L)	0.19 U	0.19 U
Benzo(g,h,i)perylene (UG/L)	0.19 U	0.19 U
Benzo(k)fluoranthene (UG/L)	0.19 U	0.19 U
Benzoic acid (UG/L)	24.0 U	24.0 U
Benzyl alcohol (UG/L)	4.8 U	4.9 U
Benzyl butyl phthalate (UG/L)	0.95 U	0.97 U
bis(2-Chloroethoxy) Methane (UG/L)	0.95 U	0.97 U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) (UG/L)	0.95 U	0.97 U
bis(2-Chloroisopropyl) Ether (UG/L)	0.95 U	0.97 U
bis(2-Ethylhexyl) Phthalate (UG/L)	1.9 U	1.9 U
Carbazole (UG/L)	0.95 U	0.97 U
Chrysene (UG/L)	0.19 U	0.19 U
Cresols, m & p (UG/L)	1.9 U	1.9 U
Dibenz(a,h)anthracene (UG/L)	0.19 U	0.19 U
Dibenzofuran (UG/L)	0.95 U	0.97 U
Diethyl Phthalate (UG/L)	0.95 U	0.97 U
Dimethyl Phthalate (UG/L)	0.95 U	0.97 U
Di-n-Butyl Phthalate (UG/L)	0.95 U	0.97 U
Di-n-Octylphthalate (UG/L)	0.95 U	0.97 U
Fluoranthene (UG/L)	0.19 U	0.19 U
Fluorene (UG/L)	0.19 U	0.19 U
Hexachlorobenzene (UG/L)	0.19 U	0.19 U
Hexachlorobutadiene (UG/L)	0.95 U	0.97 U
Hexachlorocyclopentadiene (UG/L)	9.5 U	9.7 U
Hexachloroethane (UG/L)	0.95 U	0.97 U
Indeno(1,2,3-c,d)pyrene (UG/L)	0.19 U	0.19 U
Isophorone (UG/L)	0.95 U	0.97 U
Naphthalene (UG/L)	0.19 U	0.19 U
Nitrobenzene (UG/L)	0.95 U	0.97 U
n-Nitrosodi-n-propylamine (UG/L)	0.95 U	0.97 U
n-Nitrosodiphenylamine (UG/L)	0.95 U	0.97 U
Pentachlorophenol (UG/L)	4.8 U	4.9 U
Phenanthrene (UG/L)	0.19 U	0.19 U
Phenol (UG/L)	0.95 U	0.97 U
Pyrene (UG/L)	0.19 U	0.19 U

Equipment Blank Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan. Oct. 3. 2012

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012
Trace Metals by Inductively Coupled Plasma/Mass Spectrometry		
Aluminum (UG/L)	30.0 U	60.0 U
Antimony (UG/L)	2.0 U	0.34 J
Arsenic (UG/L)	1.0 U	5.0 U
Barium (UG/L)	0.43 J	5.0 U
Beryllium (UG/L)	1.0 U	1.0 U
Cadmium (UG/L)	1.0 U	2.0 U
Calcium (UG/L)	82.0 J	2000 U
Chromium (UG/L)	0.76 J	0.60 J
Cobalt (UG/L)	0.036 J	1.0 U
Copper (UG/L)	2.0 U	4.0 U
Iron (UG/L)	50.0 U	150 U
Lead (UG/L)	1.0 U	1.0 U
Magnesium (UG/L)	100 U	1000 U
Manganese (UG/L)	1.9 J	3.5 J
Nickel (UG/L)	0.47 J	20.0
Potassium (UG/L)	100 U	1000 U
Selenium (UG/L)	5.0 U	5.0 U
Silver (UG/L)	1.0 U	1.0 U
Sodium (UG/L)	150	1000 U
Thallium (UG/L)	0.25 J	0.75 J
Vanadium (UG/L)	1.0 U	5.0 U
Zinc (UG/L)	1.1 J	10.0 J

**Equipment Blank
Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan. Oct. 3. 2012

Locations:	ER-2	ER-1
Field Sample ID:	076-0140-0001-ER	076-0067-0001-ER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/11/2012	11/15/2012

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 U	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)	0.58 J	0.61 J
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	1.0 U
Styrene (UG/L)	1.0 U	1.0 UJ
tert-Butyl Methyl Ether (MTBE) (UG/L)	1.0 U	1.0 U

Equipment Blank
Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan. Oct. 3. 2012

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

Equipment Blank Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan,
Oct. 3. 2012

Locations:	ER-3
Field Sample ID:	079RN-0317-0001-RN
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	04/03/2013
Mercury in Water (Manual Cold-Vapor Technique)	
Mercury (UG/L)	0.20 U

Equipment Blank Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan,
Oct. 3. 2012

Locations:	ER-3
Field Sample ID:	079RN-0317-0001-RN
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	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 Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	ER-3
Field Sample ID:	079RN-0317-0001-RN
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	04/03/2013
Nitroaromatics and Nitramines by HPLC	
1,3,5-Trinitrobenzene (UG/L)	0.11 U
1,3-Dinitrobenzene (UG/L)	0.11 U
2,4,6-Trinitrotoluene (UG/L)	0.11 U
2,4-Dinitrotoluene (UG/L)	0.11 U
2,6-Dinitrotoluene (UG/L)	0.11 U
2-Amino-4,6-dinitrotoluene (UG/L)	0.22 U
2-Nitrotoluene (UG/L)	0.56 U
3-Nitrotoluene (UG/L)	0.56 U
4-Amino-2,6-Dinitrotoluene (UG/L)	0.11 U
4-Nitrotoluene (UG/L)	0.56 U
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX) (UG/L)	0.11 U
Nitrobenzene (UG/L)	0.11 U
Nitroglycerin (UG/L)	0.72 U
NITROGUANIDINE (UG/L)	20.0 U
Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX) (UG/L)	0.11 U
Pentaerythritol Tetranitrate (UG/L)	0.72 U
Tetryl (UG/L)	0.11 U

Equipment Blank Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan,
Oct. 3. 2012

Locations:	ER-3
Field Sample ID:	079RN-0317-0001-RN
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	04/03/2013
Nitrogen, Nitrate-Nitrite (Colorimetric Automated, Cadmium Reduction)	
Nitrocellulose (MG/L)	2.0 U

Equipment Blank Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct.
3. 2012

Locations:	ER-3
Field Sample ID:	079RN-0317-0001-RN
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	04/03/2013
Organochlorine Pesticides and PCBs by Capillary GC	
Aldrin (UG/L)	0.050 U
alpha-BHC (alpha-Hexachlorocyclohexane) (UG/L)	0.050 U
alpha-Chlordane (UG/L)	0.050 U
alpha-Endosulfan (UG/L)	0.050 U
beta-BHC (beta-Hexachlorocyclohexane) (UG/L)	0.050 U
beta-Endosulfan (UG/L)	0.050 U
delta-BHC (delta-Hexachlorocyclohexane) (UG/L)	0.050 U
Dieldrin (UG/L)	0.050 U
Endosulfan Sulfate (UG/L)	0.050 U
Endrin (UG/L)	0.050 U
Endrin Aldehyde (UG/L)	0.050 U
Endrin Ketone (UG/L)	0.050 U
gamma-BHC (Lindane) (UG/L)	0.050 U
gamma-Chlordane (UG/L)	0.050 U
Heptachlor (UG/L)	0.050 U
Heptachlor Epoxide (UG/L)	0.050 U
Methoxychlor (UG/L)	0.10 UJ
p,p'-DDD (UG/L)	0.050 U
p,p'-DDE (UG/L)	0.050 U
p,p'-DDT (UG/L)	0.050 U
Toxaphene (UG/L)	2.0 UJ

Equipment Blank Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan. Oct. 3. 2012

Locations:	ER-3
Field Sample ID:	079RN-0317-0001-RN
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	04/03/2013
Polychlorinated Biphenyls (PCB)	
PCB-1016 (Arochlor 1016) (UG/L)	0.50 U
PCB-1221 (Arochlor 1221) (UG/L)	0.50 U
PCB-1232 (Arochlor 1232) (UG/L)	0.50 U
PCB-1242 (Arochlor 1242) (UG/L)	0.50 U
PCB-1248 (Arochlor 1248) (UG/L)	0.50 U
PCB-1254 (Arochlor 1254) (UG/L)	0.50 U
PCB-1260 (Arochlor 1260) (UG/L)	0.50 U

Equipment Blank Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan,
Oct. 3. 2012

Locations:	ER-3
Field Sample ID:	079RN-0317-0001-RN
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	04/03/2013
Semivolatile Organic Compounds by Capillary GC/MS	
1,2,4-Trichlorobenzene (UG/L)	1.1 U
1,2-Dichlorobenzene (UG/L)	1.1 U
1,3-Dichlorobenzene (UG/L)	1.1 U
1,4-Dichlorobenzene (UG/L)	1.1 U
2,4,5-Trichlorophenol (UG/L)	5.3 U
2,4,6-Trichlorophenol (UG/L)	5.3 U
2,4-Dichlorophenol (UG/L)	2.1 U
2,4-Dimethylphenol (UG/L)	2.1 U
2,4-Dinitrophenol (UG/L)	5.3 U
2,4-Dinitrotoluene (UG/L)	5.3 U
2,6-Dinitrotoluene (UG/L)	5.3 U
2-Chloronaphthalene (UG/L)	1.1 U
2-Chlorophenol (UG/L)	1.1 U
2-Methylnaphthalene (UG/L)	0.21 U
2-Methylphenol (o-Cresol) (UG/L)	1.1 U
2-Nitroaniline (UG/L)	2.1 U
2-Nitrophenol (UG/L)	2.1 U
3,3'-Dichlorobenzidine (UG/L)	5.3 U
3-Nitroaniline (UG/L)	2.1 U
4,6-Dinitro-2-Methylphenol (UG/L)	5.3 U
4-Bromophenyl phenyl ether (UG/L)	2.1 U
4-Chloro-3-Methylphenol (UG/L)	2.1 U
4-Chloroaniline (UG/L)	2.1 U
4-Chlorophenyl Phenyl Ether (UG/L)	2.1 U
4-Nitroaniline (UG/L)	2.1 U
4-Nitrophenol (UG/L)	5.3 U
Acenaphthene (UG/L)	0.21 U
Acenaphthylene (UG/L)	0.21 U
Anthracene (UG/L)	0.21 U
Benzo(a)anthracene (UG/L)	0.21 U

Equipment Blank Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan,
Oct. 3. 2012

Benzo(a)pyrene (UG/L)	0.21 U
Benzo(b)fluoranthene (UG/L)	0.21 U
Benzo(g,h,i)perylene (UG/L)	0.21 U
Benzo(k)fluoranthene (UG/L)	0.21 U
Benzoic acid (UG/L)	26.0 R
Benzyl alcohol (UG/L)	5.3 UJ
Benzyl butyl phthalate (UG/L)	2.1 U
bis(2-Chloroethoxy) Methane (UG/L)	1.1 U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) (UG/L)	1.1 U
bis(2-Chloroisopropyl) Ether (UG/L)	1.1 U
bis(2-Ethylhexyl) Phthalate (UG/L)	2.1 U
Carbazole (UG/L)	1.1 U
Chrysene (UG/L)	0.21 U
Cresols, m & p (UG/L)	2.1 U
Dibenz(a,h)anthracene (UG/L)	0.21 U
Dibenzofuran (UG/L)	1.1 U
Diethyl Phthalate (UG/L)	2.1 U
Dimethyl Phthalate (UG/L)	2.1 U
Di-n-Butyl Phthalate (UG/L)	2.1 U
Di-n-Octylphthalate (UG/L)	2.1 U
Fluoranthene (UG/L)	0.21 U
Fluorene (UG/L)	0.21 U
Hexachlorobenzene (UG/L)	0.21 U
Hexachlorobutadiene (UG/L)	1.1 U
Hexachlorocyclopentadiene (UG/L)	11.0 U
Hexachloroethane (UG/L)	1.1 UJ
Indeno(1,2,3-c,d)pyrene (UG/L)	0.21 U
Isophorone (UG/L)	1.1 U
Naphthalene (UG/L)	0.21 U
Nitrobenzene (UG/L)	1.1 U
n-Nitrosodi-n-propylamine (UG/L)	1.1 U
n-Nitrosodiphenylamine (UG/L)	1.1 U
Pentachlorophenol (UG/L)	5.3 U
Phenanthrene (UG/L)	0.21 U
Phenol (UG/L)	1.1 U
Pyrene (UG/L)	0.21 U

Equipment Blank Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan. Oct. 3. 2012

Locations:	ER-3
Field Sample ID:	079RN-0317-0001-RN
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	04/03/2013
Trace Metals by Inductively Coupled Plasma/Mass Spectrometry	
Aluminum (UG/L)	30.0 U
Antimony (UG/L)	2.0 U
Arsenic (UG/L)	1.0 U
Barium (UG/L)	10.0 U
Beryllium (UG/L)	1.0 U
Cadmium (UG/L)	1.0 U
Calcium (UG/L)	100 U
Chromium (UG/L)	3.2
Cobalt (UG/L)	0.50 U
Copper (UG/L)	0.41 J
Iron (UG/L)	50.0 U
Lead (UG/L)	1.0 U
Magnesium (UG/L)	100 U
Manganese (UG/L)	5.0 U
Nickel (UG/L)	5.9
Potassium (UG/L)	100 U
Selenium (UG/L)	5.0 U
Silver (UG/L)	1.0 U
Sodium (UG/L)	65.0 J
Thallium (UG/L)	1.0 U
Vanadium (UG/L)	1.0 U
Zinc (UG/L)	3.2 J

Equipment Blank Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan. Oct. 3. 2012

Locations:	ER-3
Field Sample ID:	079RN-0317-0001-RN
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	04/03/2013

Volatile Organic Compounds by Capillary GC/MS

1,1,1-Trichloroethane (UG/L)	1.0 U
1,1,2,2-Tetrachloroethane (UG/L)	1.0 U
1,1,2-Trichloroethane (UG/L)	1.0 U
1,1-Dichloroethane (UG/L)	1.0 U
1,1-Dichloroethene (UG/L)	1.0 U
1,2-Dibromoethane (EDB) (UG/L)	1.0 U
1,2-Dichloroethane (UG/L)	1.0 U
1,2-Dichloroethene (UG/L)	2.0 U
1,2-Dichloropropane (UG/L)	1.0 U
2-Butanone (MEK) (UG/L)	10.0 U
2-Hexanone (UG/L)	10.0 U
4-Methyl-2-pentanone (MIBK) (UG/L)	10.0 U
Acetone (UG/L)	10.0 UJ
Benzene (UG/L)	1.0 U
Bromochloromethane (UG/L)	1.0 U
Bromodichloromethane (UG/L)	1.0 U
Bromoform (UG/L)	1.0 U
Bromomethane (UG/L)	1.0 U
Carbon Disulfide (UG/L)	1.0 U
Carbon Tetrachloride (UG/L)	1.0 U
Chlorobenzene (UG/L)	1.0 U
Chloroethane (UG/L)	1.0 U
Chloroform (UG/L)	0.34 J
Chloromethane (UG/L)	1.0 U
cis-1,3-Dichloropropene (UG/L)	1.0 U
Dibromochloromethane (UG/L)	1.0 U
Ethylbenzene (UG/L)	1.0 U
Methylene Chloride (UG/L)	1.0 U
Styrene (UG/L)	1.0 U

Equipment Blank Results

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan. Oct. 3. 2012

tert-Butyl Methyl Ether (MTBE) (UG/L)	1.0 U
Tetrachloroethene (PCE) (UG/L)	1.0 U
Toluene (UG/L)	1.0 U
trans-1,3-Dichloropropene (UG/L)	1.0 U
Trichloroethene (TCE) (UG/L)	1.0 U
Vinyl Chloride (UG/L)	1.0 U
Xylenes, Total (UG/L)	2.0 U

Table Equipment Blanks
Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event
 Ravenna Armv Ammunition Plant

Field Sample ID:	083SB-0023-0001-ER
Lab Sample ID:	339561
Lab Name:	CTLB
Sample Date:	8/15/2013
Field QC:	ER-4 (Equipment Blank)
Analysis Information:	1X

Explosives	Units	
1,3,5-Trinitrobenzene	ug/L	0.80 U
1,3-Dinitrobenzene	ug/L	1.0 U
2,4,6-Trinitrotoluene	ug/L	1.0 U
2,4-Dinitrotoluene	ug/L	2.0 U
2,6-Dinitrotoluene	ug/L	1.0 U
2-Amino-4,6-dinitrotoluene	ug/L	1.0 U
2-Nitrotoluene	ug/L	2.0 U
3,5-Dinitroaniline	ug/L	1.0 U
3-Nitrotoluene	ug/L	0.80 U
4-Amino-2,6-Dinitrotoluene	ug/L	1.0 U
4-Nitrotoluene	ug/L	1.0 U
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX)	ug/L	1.0 U
Nitrobenzene	ug/L	0.80 U
Nitroglycerin	ug/L	8.0 U
Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX)	ug/L	1.0 U
Pentaerythritol Tetranitrate	ug/L	12 U
Tetryl	ug/L	1.0 U

Notes:

J = Detected, Estimated
 UJ = Not Detected, Estimated
 U = Not Detected
 ID = Identification
 QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI
 UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Army Ammunition Plant

Field Sample ID:	083SB-0023-0001-ER
Lab Sample ID:	339561
Lab Name:	CTLB
Sample Date:	8/15/2013
Field QC:	ER-4 (Equipment Blank)
Analysis Information:	1X

Gasoline	Units	
Gasoline Components	ug/L	26 J

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Army Ammunition Plant

Field Sample ID:	083SB-0023-0001-ER
Lab Sample ID:	339561
Lab Name:	CTLB
Sample Date:	8/15/2013
Field QC:	ER-4 (Equipment Blank)
Analysis Information:	1X

Mercury Water	Units	
Mercury	ug/L	0.12 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Armv Ammunition Plant

Field Sample ID: 083SB-0023-0001-ER

Lab Sample ID: 339561

Lab Name: CTLB

Sample Date: 8/15/2013

Field QC: ER-4 (Equipment Blank)

Analysis Information: 1X

ICP Metals	Units	
Aluminum	ug/L	36 U
Antimony	ug/L	12 U
Arsenic	ug/L	24 U
Barium	ug/L	1.8 U
Beryllium	ug/L	0.60 U
Cadmium	ug/L	2.0 U
Calcium	ug/L	100 U
Chromium	ug/L	4.0 U
Cobalt	ug/L	4.0 U
Copper	ug/L	7.0 U
Iron	ug/L	100 U
Lead	ug/L	4.0 U
Magnesium	ug/L	40 U
Manganese	ug/L	4.0 U
Nickel	ug/L	6.0 U
Potassium	ug/L	500 U
Selenium	ug/L	13 U
Silver	ug/L	0.77 J
Sodium	ug/L	600 U
Thallium	ug/L	15 U
Vanadium	ug/L	5.0 U
Zinc	ug/L	10 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Field Sample ID:	083SB-0023-0001-ER
Lab Sample ID:	339561
Lab Name:	CTLB
Sample Date:	8/15/2013
Field QC:	ER-4 (Equipment Blank)
Analysis Information:	1X

Nitrocellulose	Units	
Nitrocellulose	mg/L	1.1U

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Army Ammunition Plant

Field Sample ID:	083SB-0023-0001-ER
Lab Sample ID:	339561
Lab Name:	CTLB
Sample Date:	8/15/2013
Field QC:	ER-4 (Equipment Blank)
Analysis Information:	1X

Nitroguanidine	Units	
NITROGUANIDINE	ug/L	120 UJ

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Armv Ammunition Plant

Field Sample ID:	083SB-0023-0001-ER
Lab Sample ID:	339561
Lab Name:	CTLB
Sample Date:	8/15/2013
Field QC:	ER-4 (Equipment Blank)
Analysis Information:	1X

SemiVolatiles SIM	Units	
2-Methylnaphthalene	ug/L	0.076 U
Acenaphthene	ug/L	0.076 U
Acenaphthylene	ug/L	0.076 U
Anthracene	ug/L	0.076 U
Benzo(a)anthracene	ug/L	0.076 U
Benzo(a)pyrene	ug/L	0.076 U
Benzo(b)fluoranthene	ug/L	0.076 U
Benzo(g,h,i)perylene	ug/L	0.076 U
Benzo(k)fluoranthene	ug/L	0.076 U
Chrysene	ug/L	0.076 U
Dibenz(a,h)anthracene	ug/L	0.076 U
Fluoranthene	ug/L	0.076 U
Fluorene	ug/L	0.076 U
Indeno(1,2,3-c,d)pyrene	ug/L	0.076 U
Naphthalene	ug/L	0.076 U
Phenanthrene	ug/L	0.076 U
Pyrene	ug/L	0.076 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Armv Ammunition Plant

Field Sample ID:	083SB-0023-0001-ER
Lab Sample ID:	339561
Lab Name:	CTLB
Sample Date:	8/15/2013
Field QC:	ER-4 (Equipment Blank)
Analysis Information:	1X

Polychlorinated Biphenyls	Units	
PCB-1016 (Arochlor 1016)	ug/L	1.0 U
PCB-1221 (Arochlor 1221)	ug/L	1.0 U
PCB-1232 (Arochlor 1232)	ug/L	1.0 U
PCB-1242 (Arochlor 1242)	ug/L	1.0 U
PCB-1248 (Arochlor 1248)	ug/L	1.0 U
PCB-1254 (Arochlor 1254)	ug/L	1.0 U
PCB-1260 (Arochlor 1260)	ug/L	1.0 U
PCB-1262 (Arochlor 1262)	ug/L	1.0 U
PCB-1268 (Arochlor 1268)	ug/L	1.0 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Armv Ammunition Plant

Field Sample ID:	083SB-0023-0001-ER
Lab Sample ID:	339561
Lab Name:	CTLB
Sample Date:	8/15/2013
Field QC:	ER-4 (Equipment Blank)
Analysis Information:	1X

Organochlorine Pesticides	Units	
Aldrin	ug/L	0.024 U
alpha-BHC (alpha-Hexachlorocyclohexane)	ug/L	0.024 U
alpha-Chlordane	ug/L	0.040 U
alpha-Endosulfan	ug/L	0.040 U
beta-BHC (beta-Hexachlorocyclohexane)	ug/L	0.040 U
beta-Endosulfan	ug/L	0.024 U
delta-BHC (delta-Hexachlorocyclohexane)	ug/L	0.024 U
Dieldrin	ug/L	0.024 U
Endosulfan Sulfate	ug/L	0.024 U
Endrin	ug/L	0.024 U
Endrin Aldehyde	ug/L	0.040 U
Endrin Ketone	ug/L	0.024 U
gamma-BHC (Lindane)	ug/L	0.024 U
gamma-Chlordane	ug/L	0.024 U
Heptachlor	ug/L	0.024 U
Heptachlor Epoxide	ug/L	0.024 U
Methoxychlor	ug/L	0.040 U
p,p'-DDD	ug/L	0.024 U
p,p'-DDE	ug/L	0.040 U
p,p'-DDT	ug/L	0.024 U
Toxaphene	ug/L	0.60 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Armv Ammunition Plant

Field Sample ID:	083SB-0023-0001-ER
Lab Sample ID:	339561
Lab Name:	CTLB
Sample Date:	8/15/2013
Field QC:	ER-4 (Equipment Blank)
Analysis Information:	1X

SemiVolatiles	Units	
1,2,4-Trichlorobenzene	ug/L	1.0 UJ
1,2-Dichlorobenzene	ug/L	1.0 UJ
1,3-Dichlorobenzene	ug/L	1.0 UJ
1,4-Dichlorobenzene	ug/L	1.0 UJ
2,2'-Oxybis(1-chloro)propane	ug/L	1.0 UJ
2,4,5-Trichlorophenol	ug/L	5.1 UJ
2,4,6-Trichlorophenol	ug/L	5.1 UJ
2,4-Dichlorophenol	ug/L	5.1 UJ
2,4-Dimethylphenol	ug/L	5.1 UJ
2,4-Dinitrophenol	ug/L	6.1 UJ
2,4-Dinitrotoluene	ug/L	1.0 UJ
2,6-Dinitrotoluene	ug/L	1.0 UJ
2-Chloronaphthalene	ug/L	1.0 UJ
2-Chlorophenol	ug/L	5.1 UJ
2-Methylphenol (o-Cresol)	ug/L	5.1 UJ
2-Nitroaniline	ug/L	1.0 UJ
2-Nitrophenol	ug/L	5.1 UJ
3,3'-Dichlorobenzidine	ug/L	2.5 UJ
3-Nitroaniline	ug/L	1.0 UJ
4,6-Dinitro-2-Methylphenol	ug/L	6.1 UJ
4-Bromophenyl phenyl ether	ug/L	1.0 UJ
4-Chloro-3-Methylphenol	ug/L	5.1 UJ
4-Chloroaniline	ug/L	1.0 UJ

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event
Ravenna Armv Ammunition Plant

4-Chlorophenyl Phenyl Ether	ug/L	1.0 UJ
4-Nitroaniline	ug/L	1.0 UJ
4-Nitrophenol	ug/L	5.1 UJ
Benzoic acid	ug/L	76 UJ
Benzyl alcohol	ug/L	3.0 UJ
Benzyl butyl phthalate	ug/L	3.0 UJ
bis(2-Chloroethoxy) Methane	ug/L	1.0 UJ
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/L	1.0 UJ
Carbazole	ug/L	1.0 UJ
Cresols, m & p	ug/L	9.1 UJ
Dibenzofuran	ug/L	1.0 UJ
Diethyl Phthalate	ug/L	3.0 UJ
Dimethyl Phthalate	ug/L	3.0 UJ
Di-n-Butyl Phthalate	ug/L	3.0 UJ
Di-n-Octylphthalate	ug/L	3.0 UJ
Hexachlorobenzene	ug/L	1.0 UJ
Hexachlorobutadiene	ug/L	1.0 UJ
Hexachlorocyclopentadiene	ug/L	1.2 UJ
Hexachloroethane	ug/L	1.2 UJ
Isophorone	ug/L	1.0 UJ
Nitrobenzene	ug/L	1.0 UJ
n-Nitrosodi-n-propylamine	ug/L	1.0 UJ
n-Nitrosodiphenylamine	ug/L	2.0 UJ
Pentachlorophenol	ug/L	5.1 UJ
Phenol	ug/L	5.1 UJ

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Armv Ammunition Plant

Field Sample ID: 083SB-0023-0001-ER

Lab Sample ID: 339561

Lab Name: CTLB

Sample Date: 8/15/2013

Field QC: ER-4 (Equipment Blank)

Analysis Information: 1X

NDMA	Units	
1,2,4-Trichlorobenzene	ug/L	1.0 UJ
1,2-Dichlorobenzene	ug/L	1.0 UJ
1,3-Dichlorobenzene	ug/L	1.0 UJ
1,4-Dichlorobenzene	ug/L	1.0 UJ
2,2'-Oxybis(1-chloro)propane	ug/L	1.0 UJ
2,4,5-Trichlorophenol	ug/L	5.1 UJ
2,4,6-Trichlorophenol	ug/L	5.1 UJ
2,4-Dichlorophenol	ug/L	5.1 UJ
2,4-Dimethylphenol	ug/L	5.1 UJ
2,4-Dinitrophenol	ug/L	6.1 UJ
2,4-Dinitrotoluene	ug/L	1.0 UJ
2,6-Dinitrotoluene	ug/L	1.0 UJ
2-Chloronaphthalene	ug/L	1.0 UJ
2-Chlorophenol	ug/L	5.1 UJ
2-Methylphenol (o-Cresol)	ug/L	5.1 UJ
2-Nitroaniline	ug/L	1.0 UJ
2-Nitrophenol	ug/L	5.1 UJ
3,3'-Dichlorobenzidine	ug/L	2.5 UJ
3-Nitroaniline	ug/L	1.0 UJ
4,6-Dinitro-2-Methylphenol	ug/L	6.1 UJ
4-Bromophenyl phenyl ether	ug/L	1.0 UJ
4-Chloro-3-Methylphenol	ug/L	5.1 UJ
4-Chloroaniline	ug/L	1.0 UJ

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Armv Ammunition Plant

4-Chlorophenyl Phenyl Ether	ug/L	1.0 UJ
4-Nitroaniline	ug/L	1.0 UJ
4-Nitrophenol	ug/L	5.1 UJ
Benzoic acid	ug/L	76 UJ
Benzyl alcohol	ug/L	3.0 UJ
Benzyl butyl phthalate	ug/L	3.0 UJ
bis(2-Chloroethoxy) Methane	ug/L	1.0 UJ
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether)	ug/L	1.0 UJ
Carbazole	ug/L	1.0 UJ
Cresols, m & p	ug/L	9.1 UJ
Dibenzofuran	ug/L	1.0 UJ
Diethyl Phthalate	ug/L	3.0 UJ
Dimethyl Phthalate	ug/L	3.0 UJ
Di-n-Butyl Phthalate	ug/L	3.0 UJ
Di-n-Octylphthalate	ug/L	3.0 UJ
Hexachlorobenzene	ug/L	1.0 UJ
Hexachlorobutadiene	ug/L	1.0 UJ
Hexachlorocyclopentadiene	ug/L	1.2 UJ
Hexachloroethane	ug/L	1.2 UJ
Isophorone	ug/L	1.0 UJ
Nitrobenzene	ug/L	1.0 UJ
n-Nitrosodi-n-propylamine	ug/L	1.0 UJ
n-Nitrosodiphenylamine	ug/L	2.0 UJ
Pentachlorophenol	ug/L	5.1 UJ
Phenol	ug/L	5.1 UJ

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Armv Ammunition Plant

Field Sample ID:	083SB-0023-0001-ER
Lab Sample ID:	339561
Lab Name:	CTLB
Sample Date:	8/15/2013
Field QC:	ER-4 (Equipment Blank)
Analysis Information:	1X

VOCs	Units	
1,1,1-Trichloroethane	ug/L	0.50 U
1,1,2,2-Tetrachloroethane	ug/L	0.50 U
1,1,2-Trichloroethane	ug/L	1.0 U
1,1-Dichloroethane	ug/L	0.50 U
1,1-Dichloroethene	ug/L	0.50 U
1,2-Dibromoethane (EDB)	ug/L	0.50 U
1,2-Dichloroethane	ug/L	1.0 U
1,2-Dichloroethene	ug/L	0.50 U
1,2-Dichloropropane	ug/L	0.50 U
2-Butanone (MEK)	ug/L	5.0 U
2-Hexanone	ug/L	10 U
4-Methyl-2-pentanone (MIBK)	ug/L	10 U
Acetone	ug/L	10 U
Benzene	ug/L	0.50 U
Bromochloromethane	ug/L	0.50 U
Bromodichloromethane	ug/L	0.50 U
Bromoform	ug/L	0.50 U
Bromomethane	ug/L	1.0 U
Carbon Disulfide	ug/L	1.0 U
Carbon Tetrachloride	ug/L	0.50 U
Chlorobenzene	ug/L	0.50 U
Chloroethane	ug/L	1.0 U
Chloroform	ug/L	0.37 J

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Equipment Blank Results

Summer 2013 RI/SI Sampling Event Sampling Event

Ravenna Armv Ammunition Plant

Chloromethane	ug/L	1.0 U
cis-1,2-Dichloroethylene	ug/L	0.50 U
cis-1,3-Dichloropropene	ug/L	0.50 U
Dibromochloromethane	ug/L	0.50 U
Ethylbenzene	ug/L	0.50 U
m,p-Xylene	ug/L	1.0 U
Methylene Chloride	ug/L	2.0 U
o-Xylene	ug/L	0.50 U
Styrene	ug/L	0.50 U
tert-Butyl Methyl Ether (MTBE)	ug/L	1.0 U
Tetrachloroethene (PCE)	ug/L	1.0 U
Toluene	ug/L	0.50 U
trans-1,2-Dichloroethene	ug/L	0.50 U
trans-1,3-Dichloropropene	ug/L	0.50 U
Trichloroethene (TCE)	ug/L	0.50 U
Vinyl Chloride	ug/L	0.50 U
Xylenes, Total	ug/L	1.0 U

Notes:

J = Detected, Estimated

UJ = Not Detected, Estimated

U = Not Detected

ID = Identification

QC = Quality Control

ER-4_compiled.xls

CTLB = CT LABS., BARABOO, WI

UG/L = Micrograms per Liter

Trip Blanks

Chemistry Results

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

	QC TB-1	QC TB-3	QC TB-5
Field Sample ID:	070-0060-0001-TB	079-0008-0001-TB	076-0068-0001-TB
Lab Sample ID:	240-18735-7	240-21987-2	240-17796-21
Lab Name:	TAM0	TAM0	TAM0
Sample Date:	12/12/2012	3/14/2013	11/15/2012
Analysis Information:	1X	1X	1X

Volatile Organic Compounds by Capillary GC/MS

	Units			
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dichloroethene	µg/L	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/L	0.25 U	0.25 U	0.25 U
2-Butanone (MEK)	µg/L	0.57 U	0.57 U	0.57 U
2-Hexanone	µg/L	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	µg/L	0.50 U	0.50 U	0.50 U
Acetone	µg/L	1.1 U	1.1 U	1.1 UJ
Benzene	µg/L	0.25 U	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/L	0.25 U	0.25 U	0.25 U
Bromoform	µg/L	0.64 U	0.64 U	0.64 U
Bromomethane	µg/L	0.50 U	0.50 U	0.50 U
Carbon Disulfide	µg/L	0.25 U	0.25 U	0.25 U
Carbon Tetrachloride	µg/L	0.25 U	0.25 UJ	0.25 U
Chlorobenzene	µg/L	0.25 U	0.25 U	0.25 U
Chloroethane	µg/L	0.50 U	0.50 U	0.50 U
Chloroform	µg/L	0.32 J	0.31 J	0.25 U
Chloromethane	µg/L	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U
Dibromochloromethane	µg/L	0.25 U	0.25 U	0.25 U
Ethylbenzene	µg/L	0.25 U	0.25 U	0.25 U
Methylene Chloride	µg/L	0.50 U	0.50 U	0.50 U
Styrene	µg/L	0.25 U	0.25 U	0.25 UJ
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U	0.50 U
Toluene	µg/L	0.25 U	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U	0.25 U
Vinyl Chloride	µg/L	0.25 U	0.25 U	0.25 U
Xylenes, Total	µg/L	0.75 U	0.75 U	0.75 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blanks

Chemistry Results

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

	QC TB-6	QC TB-7	QC TB-8	
Field Sample ID:	076-0141-0001-TB	076-0142-0001-TB	079-0318-0001-TB	
Lab Sample ID:	240-18703-25	240-18703-26	240-22804-12	
Lab Name:	TAM0	TAM0	TAM0	
Sample Date:	12/11/2012	12/11/2012	4/3/2013	
Analysis Information:	1X	1X	1X	
Volatile Organic Compounds by Capillary GC/MS				
	Units			
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dichloroethene	µg/L	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/L	0.25 U	0.25 U	0.25 U
2-Butanone (MEK)	µg/L	0.57 U	0.60 J	0.57 U
2-Hexanone	µg/L	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	µg/L	0.36 J	0.35 J	0.50 U
Acetone	µg/L	12	12	5.1 J
Benzene	µg/L	0.25 U	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/L	0.25 U	0.25 U	0.25 U
Bromoform	µg/L	0.64 U	0.64 U	0.64 U
Bromomethane	µg/L	0.50 U	0.50 U	0.50 U
Carbon Disulfide	µg/L	0.25 U	0.25 U	0.25 U
Carbon Tetrachloride	µg/L	0.25 U	0.25 U	0.25 U
Chlorobenzene	µg/L	0.25 U	0.25 U	0.25 U
Chloroethane	µg/L	0.50 U	0.50 U	0.50 U
Chloroform	µg/L	0.25 U	0.25 U	0.25 U
Chloromethane	µg/L	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U
Dibromochloromethane	µg/L	0.25 U	0.25 U	0.25 U
Ethylbenzene	µg/L	0.25 U	0.25 U	0.25 U
Methylene Chloride	µg/L	0.50 U	0.50 U	1.1
Styrene	µg/L	0.25 U	0.25 U	0.25 U
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U	0.50 U
Toluene	µg/L	0.25 U	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U	0.25 U
Vinyl Chloride	µg/L	0.25 U	0.25 U	0.25 U
Xylenes, Total	µg/L	0.75 U	0.75 U	0.75 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blanks
Chemistry Results

Ravenna Army Ammunition Plant
RVAAP, QAPP Oct. 2012

	QC TB-2	QC TB-4	QC TB-6	QC TB-7
Field Sample ID:	070SB-0055-0001-TB	079-0009-0001-TB	076-0141-0001-TB	076-0142-0001-TB
Lab Sample ID:	240-18735-2	240-21987-3	240-18703-25	240-18703-26
Lab Name:	TAM0	TAM0	TAM0	TAM0
Sample Date:	12/12/2012	3/14/2013	12/11/2012	12/11/2012
Analysis Information:	1X	1X	1X	1X

Modified SW8015 for the
Determination of Gasoline Range
Organics in Soil and Water, GC/FID Units

Petroleum Hydrocarbons C6-C12	µg/L	37 J	50 U	27 J	50 U
-------------------------------	------	-------------	------	-------------	------

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blanks**Chemistry Results**

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Site Name: Site 70

	TB-1	TB-2	TB-3	TB-4
Field Sample ID:	070SS-0010M-0001-TB	076SS-0027-0001-TB	070SB-0041M-0001-TB	070SB-0018M-0001-TB
Lab Sample ID:	240-17230-8	240-17317-25	240-17669-23	240-17768-8
Lab Name:	TAM0	TAM0	TAM0	TAM0
Sample Date:	11/5/2012	11/7/2012	11/13/2012	11/14/2012
Analysis Information:	1X	1X	1X	1X

**Volatile Organic Compounds by
Capillary GC/MS**

	Units				
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
1,2-Dichloroethene	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
2-Butanone (MEK)	µg/L	0.57 U	0.57 U	0.57 U	0.57 U
2-Hexanone	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Acetone	µg/L	1.1 U	1.1 U	1.1 U	1.1 U
Benzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Bromoform	µg/L	0.64 U	0.64 U	0.64 U	0.64 U
Bromomethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Carbon Disulfide	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Carbon Tetrachloride	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chlorobenzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chloroethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Chloroform	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Chloromethane	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Dibromochloromethane	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Ethylbenzene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Methylene Chloride	µg/L	0.36	0.50 U	0.50 U	0.80 J
Styrene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U	0.50 U	0.50 U
Toluene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Vinyl Chloride	µg/L	0.25 U	0.25 U	0.25 U	0.25 U
Xylenes, Total	µg/L	0.75 U	0.75 U	0.75 U	0.75 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blanks**Chemistry Results**Ravenna Army Ammunition Plant
RVAAP, QAPP Oct. 2012**Site Name: Site 70**

	TB-5	TB-6	TB-7
Field Sample ID:	076SB-0044M-0001-TB	072SB-0061-0001-TB	070SB-0074-0001-TB
Lab Sample ID:	240-17768-16	240-18581-12	240-18581-24
Lab Name:	TAM0	TAM0	TAM0
Sample Date:	11/14/2012	12/7/2012	12/7/2012
Analysis Information:	1X	1X	1X

**Volatile Organic Compounds by
Capillary GC/MS**

	Units			
1,1,1-Trichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1,2,2-Tetrachloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1,2-Trichloroethane	µg/L	0.50 U	0.50 U	0.50 U
1,1-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,1-Dichloroethene	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dibromoethane (EDB)	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dichloroethane	µg/L	0.25 U	0.25 U	0.25 U
1,2-Dichloroethene	µg/L	0.50 U	0.50 U	0.50 U
1,2-Dichloropropane	µg/L	0.25 U	0.25 U	0.25 U
2-Butanone (MEK)	µg/L	0.57 U	0.57 U	0.57 U
2-Hexanone	µg/L	0.50 U	0.50 U	0.50 U
4-Methyl-2-pentanone (MIBK)	µg/L	0.50 U	0.50 U	0.50 U
Acetone	µg/L	1.1 U	1.1 U	1.1 U
Benzene	µg/L	0.25 U	0.25 U	0.25 U
Bromochloromethane	µg/L	0.50 U	0.50 U	0.50 U
Bromodichloromethane	µg/L	0.25 U	0.25 U	0.25 U
Bromoform	µg/L	0.64 U	0.64 U	0.64 U
Bromomethane	µg/L	0.50 U	0.50 U	0.50 U
Carbon Disulfide	µg/L	0.25 U	0.25 U	0.25 U
Carbon Tetrachloride	µg/L	0.25 U	0.25 U	0.25 U
Chlorobenzene	µg/L	0.25 U	0.25 U	0.25 U
Chloroethane	µg/L	0.50 U	0.50 U	0.50 U
Chloroform	µg/L	0.25 U	0.25 U	0.25 U
Chloromethane	µg/L	0.50 U	0.50 U	0.50 U
cis-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U
Dibromochloromethane	µg/L	0.25 U	0.25 U	0.25 U
Ethylbenzene	µg/L	0.25 U	0.25 U	0.25 U
Methylene Chloride	µg/L	0.84 J	0.50 U	0.50 U
Styrene	µg/L	0.25 U	0.25 U	0.25 U
tert-Butyl Methyl Ether (MTBE)	µg/L	0.25 U	0.25 U	0.25 U
Tetrachloroethene (PCE)	µg/L	0.50 U	0.50 U	0.50 U
Toluene	µg/L	0.25 U	0.25 U	0.25 U
trans-1,3-Dichloropropene	µg/L	0.25 U	0.25 U	0.25 U
Trichloroethene (TCE)	µg/L	0.25 U	0.25 U	0.25 U
Vinyl Chloride	µg/L	0.25 U	0.25 U	0.25 U
Xylenes, Total	µg/L	0.75 U	0.75 U	0.75 U

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

Trip Blanks**Chemistry Results**

Ravenna Army Ammunition Plant

RVAAP, QAPP Oct. 2012

Site Name: Site 70

	TB-1	TB-2	TB-4	TB-8
Field Sample ID:	070SS-0010M-0001-TB	076SS-0027-0001-TB	070SB-0018M-0001-TB	070SB-0055-0001-TB
Lab Sample ID:	240-17230-8	240-17317-25	240-17768-8	240-18735-2
Lab Name:	TAM0	TAM0	TAM0	TAM0
Sample Date:	11/5/2012	11/7/2012	11/14/2012	12/12/2012
Analysis Information:	1X	1X	1X	1X

**Modified SW8015 for the Determination
of Gasoline Range Organics in Soil and
Water, GC/FID**

	Units				
Petroleum Hydrocarbons C6-C12	µg/L	55 J	55 J	49 J	37 J

Notes:

TAM0 = TestAmerica, Inc., North Canton, OH

UG/KG = Micrograms per Kilogram

UG/L = Micrograms per Liter

J = Detected, Estimated

UJ = Compound was not detected and reporting limit is estimated

ATTACHMENT B

Source Water

This page intentionally left blank.

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012

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	1.2 J
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 U	2.1 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	3.6
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	5.3
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	1.3
Ethylbenzene (UG/L)	1.0 U	1.0 U
Methylene Chloride (UG/L)	1.0 U	1.0 U
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)	1.0 U	0.15 J
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

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012

Semivolatile Organic Compounds by Capillary GC/MS

1,2,4-Trichlorobenzene (UG/L)	0.95 U	0.95 U
1,2-Dichlorobenzene (UG/L)	0.95 U	0.95 U
1,3-Dichlorobenzene (UG/L)	0.95 U	0.95 U
1,4-Dichlorobenzene (UG/L)	0.95 U	0.95 U
2,4,5-Trichlorophenol (UG/L)	4.8 U	4.8 U
2,4,6-Trichlorophenol (UG/L)	4.8 U	4.8 U
2,4-Dichlorophenol (UG/L)	1.9 U	1.9 U
2,4-Dimethylphenol (UG/L)	1.9 U	1.9 U
2,4-Dinitrophenol (UG/L)	4.8 U	4.8 U
2,4-Dinitrotoluene (UG/L)	4.8 U	4.8 U
2,6-Dinitrotoluene (UG/L)	4.8 U	4.8 U
2-Chloronaphthalene (UG/L)	0.95 U	0.95 U
2-Chlorophenol (UG/L)	0.95 U	0.95 U
2-Methylnaphthalene (UG/L)	0.19 U	0.19 U
2-Methylphenol (o-Cresol) (UG/L)	0.95 U	0.95 U
2-Nitroaniline (UG/L)	1.9 U	1.9 U
2-Nitrophenol (UG/L)	1.9 U	1.9 U
3,3'-Dichlorobenzidine (UG/L)	4.8 U	4.8 U
3-Nitroaniline (UG/L)	1.9 U	1.9 U
4,6-Dinitro-2-Methylphenol (UG/L)	4.8 U	4.8 U
4-Bromophenyl phenyl ether (UG/L)	1.9 U	1.9 U
4-Chloro-3-Methylphenol (UG/L)	1.9 U	1.9 U
4-Chloroaniline (UG/L)	1.9 U	1.9 U
4-Chlorophenyl Phenyl Ether (UG/L)	1.9 U	1.9 U
4-Nitroaniline (UG/L)	1.9 U	1.9 U
4-Nitrophenol (UG/L)	4.8 U	4.8 U
Acenaphthene (UG/L)	0.19 U	0.19 U
Acenaphthylene (UG/L)	0.19 U	0.19 U
Anthracene (UG/L)	0.19 U	0.19 U
Benzo(a)anthracene (UG/L)	0.19 U	0.19 U
Benzo(a)pyrene (UG/L)	0.19 U	0.19 U
Benzo(b)fluoranthene (UG/L)	0.19 U	0.19 U
Benzo(g,h,i)perylene (UG/L)	0.19 U	0.19 U
Benzo(k)fluoranthene (UG/L)	0.19 U	0.19 U
Benzoic acid (UG/L)	24.0 U	24.0 U
Benzyl alcohol (UG/L)	4.8 U	4.8 U
Benzyl butyl phthalate (UG/L)	0.95 U	0.95 U
bis(2-Chloroethoxy) Methane (UG/L)	0.95 U	0.95 U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) (UG/L)	0.95 U	0.95 U
bis(2-Chloroisopropyl) Ether (UG/L)	0.95 U	0.95 U
bis(2-Ethylhexyl) Phthalate (UG/L)	1.9 U	1.9 U
Carbazole (UG/L)	0.95 U	0.95 U
Chrysene (UG/L)	0.19 U	0.19 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012

Semivolatile Organic Compounds by Capillary GC/MS

Cresols, m & p (UG/L)	1.9 U	1.9 U
Dibenz(a,h)anthracene (UG/L)	0.19 U	0.19 U
Dibenzofuran (UG/L)	0.95 U	0.95 U
Diethyl Phthalate (UG/L)	0.95 U	0.95 U
Dimethyl Phthalate (UG/L)	0.95 U	0.95 U
Di-n-Butyl Phthalate (UG/L)	0.95 U	0.95 U
Di-n-Octylphthalate (UG/L)	0.95 U	0.95 U
Fluoranthene (UG/L)	0.19 U	0.19 U
Fluorene (UG/L)	0.19 U	0.19 U
Hexachlorobenzene (UG/L)	0.19 U	0.19 U
Hexachlorobutadiene (UG/L)	0.95 U	0.95 U
Hexachlorocyclopentadiene (UG/L)	9.5 U	9.5 U
Hexachloroethane (UG/L)	0.95 U	0.95 U
Indeno(1,2,3-c,d)pyrene (UG/L)	0.19 U	0.19 U
Isophorone (UG/L)	0.95 U	0.95 U
Naphthalene (UG/L)	0.19 U	0.19 U
Nitrobenzene (UG/L)	0.95 U	0.95 U
n-Nitrosodi-n-propylamine (UG/L)	0.95 U	0.95 U
n-Nitrosodiphenylamine (UG/L)	0.95 U	0.95 U
Pentachlorophenol (UG/L)	4.8 U	4.8 U
Phenanthrene (UG/L)	0.19 U	0.19 U
Phenol (UG/L)	0.95 U	0.95 U
Pyrene (UG/L)	0.19 U	0.19 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Trace Metals by Inductively Coupled Plasma/Mass Spectrometry		
Aluminum (UG/L)	13.0 J	30.0 U
Antimony (UG/L)	2.0 U	2.0 U
Arsenic (UG/L)	0.49 J	1.0 U
Barium (UG/L)	39.0	0.13 J
Beryllium (UG/L)	1.0 U	1.0 U
Cadmium (UG/L)	1.0 U	1.0 U
Calcium (UG/L)	66000	59.0 J
Chromium (UG/L)	2.0 U	2.0 U
Cobalt (UG/L)	0.11 J	0.50 U
Copper (UG/L)	0.83 J	0.60 J
Iron (UG/L)	440	50.0 U
Lead (UG/L)	1.0 U	1.0 U
Magnesium (UG/L)	27000	29.0 J
Manganese (UG/L)	77.0	5.0 U
Nickel (UG/L)	1.0 U	1.0 U
Potassium (UG/L)	2500	100 U
Selenium (UG/L)	5.0 U	5.0 U
Silver (UG/L)	1.0 U	1.0 U
Sodium (UG/L)	35000	1600
Thallium (UG/L)	1.0 U	1.0 U
Vanadium (UG/L)	1.0 U	1.0 U
Zinc (UG/L)	18.0	5.0 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Mercury in Water (Manual Cold-Vapor Technique)		
Mercury (UG/L)	0.20 U	0.20 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Modified SW8015 for the Determination of Gasoline Range Organics in Soil and Water, GC/FID		
Petroleum Hydrocarbons C6-C12 (UG/L)	39.0 J	36.0 J

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012

Modified SW8015 for the Determination of Diesel
Range Organics in Soil and Water, GC/FID

C10-C20 Diesel Range Organics (UG/L)	480 U	480 U
C20-C34 Motor Oil Range Organics (UG/L)	480 U	480 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012

Polychlorinated Biphenyls (PCB) by Capillary GC

PCB-1016 (Arochlor 1016) (UG/L)	0.48 U	0.48 U
PCB-1221 (Arochlor 1221) (UG/L)	0.48 U	0.48 U
PCB-1232 (Arochlor 1232) (UG/L)	0.48 U	0.48 U
PCB-1242 (Arochlor 1242) (UG/L)	0.48 U	0.48 U
PCB-1248 (Arochlor 1248) (UG/L)	0.48 U	0.48 U
PCB-1254 (Arochlor 1254) (UG/L)	0.48 U	0.48 U
PCB-1260 (Arochlor 1260) (UG/L)	0.48 U	0.48 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Organochlorine Pesticides by Capillary GC		
Aldrin (UG/L)	0.048 U	0.048 U
alpha-BHC (alpha-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
alpha-Chlordane (UG/L)	0.048 U	0.048 U
alpha-Endosulfan (UG/L)	0.048 U	0.048 U
beta-BHC (beta-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
beta-Endosulfan (UG/L)	0.048 U	0.048 U
delta-BHC (delta-Hexachlorocyclohexane) (UG/L)	0.048 U	0.048 U
Dieldrin (UG/L)	0.048 U	0.048 U
Endosulfan Sulfate (UG/L)	0.048 U	0.048 U
Endrin (UG/L)	0.048 U	0.048 U
Endrin Aldehyde (UG/L)	0.048 U	0.048 U
Endrin Ketone (UG/L)	0.048 U	0.048 U
gamma-BHC (Lindane) (UG/L)	0.048 U	0.048 U
gamma-Chlordane (UG/L)	0.048 U	0.048 U
Heptachlor (UG/L)	0.048 U	0.048 U
Heptachlor Epoxide (UG/L)	0.048 U	0.048 U
Methoxychlor (UG/L)	0.095 U	0.095 U
p,p'-DDD (UG/L)	0.048 U	0.048 U
p,p'-DDE (UG/L)	0.048 U	0.048 U
p,p'-DDT (UG/L)	0.048 U	0.048 U
Toxaphene (UG/L)	1.9 U	1.9 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivatization: Capillary Column Technique		
2,4 DB (UG/L)	4.0 U	4.0 U
2,4,5-T (Trichlorophenoxyacetic Acid) (UG/L)	1.0 U	1.0 U
2,4-D (Dichlorophenoxyacetic Acid) (UG/L)	4.0 U	4.0 U
Dalapon (UG/L)	2.0 U	2.0 U
Dicamba (UG/L)	2.0 U	2.0 U
Dichloroprop (UG/L)	4.0 U	4.0 U
Dinoseb (UG/L)	0.60 U	0.60 U
MCPA (UG/L)	400 U	400 U
MCPP (UG/L)	400 U	400 U
Pentachlorophenol (UG/L)	0.10 U	0.10 U
Silvex (2,4,5-TP) (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-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Nitroaromatics and Nitramines by HPLC		
1,3,5-Trinitrobenzene (UG/L)	0.10 U	0.099 U
1,3-Dinitrobenzene (UG/L)	0.10 U	0.099 U
2,4,6-Trinitrotoluene (UG/L)	0.10 U	0.099 U
2,4-Dinitrotoluene (UG/L)	0.10 U	0.099 U
2,6-Dinitrotoluene (UG/L)	0.10 U	0.099 U
2-Amino-4,6-dinitrotoluene (UG/L)	0.20 U	0.20 U
2-Nitrotoluene (UG/L)	0.50 U	0.49 U
3-Nitrotoluene (UG/L)	0.50 U	0.49 U
4-Amino-2,6-Dinitrotoluene (UG/L)	0.10 U	0.099 U
4-Nitrotoluene (UG/L)	0.50 U	0.49 U
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX) (UG/L)	0.10 U	0.099 U
Nitrobenzene (UG/L)	0.10 U	0.099 U
Nitroglycerin (UG/L)	0.65 U	0.64 U
NITROGUANIDINE (UG/L)	20.0 U	20.0 U
Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX) (UG/L)	0.10 U	0.099 U
Pentaerythritol Tetranitrate (UG/L)	0.65 U	0.64 U
Tetryl (UG/L)	0.10 U	0.099 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Locations:	SorW-1	SorW-2
Field Sample ID:	070-0056-0001-SOURCE WATER	070-0057-0001-SOURCE WATER
Sample Begin Depth:	0	0
Sample End Depth:	0	0
Sample Date:	12/12/2012	12/12/2012
Nitrogen, Nitrate-Nitrite (Colorimetric Automated, Cadmium Reduction)		
Nitrocellulose (MG/L)	2.0 U	2.0 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	0
Sample End Depth:	0
Sample Date:	03/14/2013
Volatile Organic Compounds by Capillary GC/MS	
1,1,1-Trichloroethane (UG/L)	1.0 U
1,1,2,2-Tetrachloroethane (UG/L)	1.0 U
1,1,2-Trichloroethane (UG/L)	1.0 U
1,1-Dichloroethane (UG/L)	1.0 U
1,1-Dichloroethene (UG/L)	1.0 U
1,2-Dibromoethane (EDB) (UG/L)	1.0 U
1,2-Dichloroethane (UG/L)	1.0 U
1,2-Dichloroethene (UG/L)	2.0 U
1,2-Dichloropropane (UG/L)	1.0 U
2-Butanone (MEK) (UG/L)	10.0 U
2-Hexanone (UG/L)	10.0 U
4-Methyl-2-pentanone (MIBK) (UG/L)	10.0 U
Acetone (UG/L)	10.0 U
Benzene (UG/L)	1.0 U
Bromochloromethane (UG/L)	1.0 U
Bromodichloromethane (UG/L)	1.0 U
Bromoform (UG/L)	1.0 U
Bromomethane (UG/L)	1.0 U
Carbon Disulfide (UG/L)	1.0 U
Carbon Tetrachloride (UG/L)	1.0 UJ
Chlorobenzene (UG/L)	1.0 U
Chloroethane (UG/L)	1.0 U
Chloroform (UG/L)	1.0 U
Chloromethane (UG/L)	1.0 U
cis-1,3-Dichloropropene (UG/L)	1.0 U
Dibromochloromethane (UG/L)	1.0 U
Ethylbenzene (UG/L)	1.0 U
Methylene Chloride (UG/L)	1.0 U
Styrene (UG/L)	1.0 U
tert-Butyl Methyl Ether (MTBE) (UG/L)	1.0 U
Tetrachloroethene (PCE) (UG/L)	1.0 U
Toluene (UG/L)	1.0 U
trans-1,3-Dichloropropene (UG/L)	1.0 U
Trichloroethene (TCE) (UG/L)	1.0 U
Vinyl Chloride (UG/L)	1.0 U
Xylenes, Total (UG/L)	2.0 U

ECC**Chemistry Results**Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct.
3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013

Semivolatile Organic Compounds by Capillary GC/MS

1,2,4-Trichlorobenzene (UG/L)	1.0 U
1,2-Dichlorobenzene (UG/L)	1.0 U
1,3-Dichlorobenzene (UG/L)	1.0 U
1,4-Dichlorobenzene (UG/L)	1.0 U
2,4,5-Trichlorophenol (UG/L)	5.1 U
2,4,6-Trichlorophenol (UG/L)	5.1 U
2,4-Dichlorophenol (UG/L)	2.0 U
2,4-Dimethylphenol (UG/L)	2.0 UJ
2,4-Dinitrophenol (UG/L)	5.1 UJ
2,4-Dinitrotoluene (UG/L)	5.1 U
2,6-Dinitrotoluene (UG/L)	5.1 U
2-Chloronaphthalene (UG/L)	1.0 U
2-Chlorophenol (UG/L)	1.0 UJ
2-Methylnaphthalene (UG/L)	0.20 U
2-Methylphenol (o-Cresol) (UG/L)	1.0 UJ
2-Nitroaniline (UG/L)	2.0 U
2-Nitrophenol (UG/L)	2.0 UJ
3,3'-Dichlorobenzidine (UG/L)	5.1 UJ
3-Nitroaniline (UG/L)	2.0 U
4,6-Dinitro-2-Methylphenol (UG/L)	5.1 UJ
4-Bromophenyl phenyl ether (UG/L)	2.0 U
4-Chloro-3-Methylphenol (UG/L)	2.0 U
4-Chloroaniline (UG/L)	2.0 U
4-Chlorophenyl Phenyl Ether (UG/L)	2.0 U
4-Nitroaniline (UG/L)	2.0 UJ
4-Nitrophenol (UG/L)	5.1 UJ
Acenaphthene (UG/L)	0.20 U
Acenaphthylene (UG/L)	0.20 U
Anthracene (UG/L)	0.20 U
Benzo(a)anthracene (UG/L)	0.20 U
Benzo(a)pyrene (UG/L)	0.20 U
Benzo(b)fluoranthene (UG/L)	0.20 U
Benzo(g,h,i)perylene (UG/L)	0.20 U
Benzo(k)fluoranthene (UG/L)	0.20 U
Benzoic acid (UG/L)	25.0 U
Benzyl alcohol (UG/L)	5.1 U
Benzyl butyl phthalate (UG/L)	1.0 U
bis(2-Chloroethoxy) Methane (UG/L)	1.0 U
bis(2-Chloroethyl) Ether (2-Chloroethyl Ether) (UG/L)	1.0 U
bis(2-Chloroisopropyl) Ether (UG/L)	1.0 U
bis(2-Ethylhexyl) Phthalate (UG/L)	2.0 U
Carbazole (UG/L)	1.0 U

ECC**Chemistry Results**Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct.
3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013

Semivolatile Organic Compounds by Capillary GC/MS

Chrysene (UG/L)	0.20 U
Cresols, m & p (UG/L)	2.0 U
Dibenz(a,h)anthracene (UG/L)	0.20 U
Dibenzofuran (UG/L)	1.0 U
Diethyl Phthalate (UG/L)	1.0 U
Dimethyl Phthalate (UG/L)	1.0 U
Di-n-Butyl Phthalate (UG/L)	1.0 U
Di-n-Octylphthalate (UG/L)	1.0 U
Fluoranthene (UG/L)	0.20 U
Fluorene (UG/L)	0.20 U
Hexachlorobenzene (UG/L)	0.20 U
Hexachlorobutadiene (UG/L)	1.0 U
Hexachlorocyclopentadiene (UG/L)	10.0 U
Hexachloroethane (UG/L)	1.0 U
Indeno(1,2,3-c,d)pyrene (UG/L)	0.20 U
Isophorone (UG/L)	1.0 U
Naphthalene (UG/L)	0.20 U
Nitrobenzene (UG/L)	1.0 U
n-Nitrosodi-n-propylamine (UG/L)	1.0 U
n-Nitrosodiphenylamine (UG/L)	1.0 UJ
Pentachlorophenol (UG/L)	5.1 UJ
Phenanthrene (UG/L)	0.20 U
Phenol (UG/L)	1.0 UJ
Pyrene (UG/L)	0.20 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Modified SW8015 for the Determination of Gasoline Range Organics in Soil and Water, GC/FID	
Petroleum Hydrocarbons C6-C12 (UG/L)	100 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project
Plan, Oct. 3, 2012
Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Modified SW8015 for the Determination of Diesel Range Organics in Soil and Water, GC/FID	
C10-C20 Diesel Range Organics (UG/L)	490 U
C20-C34 Motor Oil Range Organics (UG/L)	490 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance

Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Trace Metals by Inductively Coupled Plasma/Mass Spectrometry	
Aluminum (UG/L)	30.0 U
Antimony (UG/L)	2.0 U
Arsenic (UG/L)	0.48 J
Barium (UG/L)	41.0
Beryllium (UG/L)	1.0 U
Cadmium (UG/L)	1.0 U
Calcium (UG/L)	65000
Chromium (UG/L)	1.3 J
Cobalt (UG/L)	0.054 J
Copper (UG/L)	2.0 U
Iron (UG/L)	590
Lead (UG/L)	1.0 U
Magnesium (UG/L)	27000
Manganese (UG/L)	94.0
Nickel (UG/L)	1.0 U
Potassium (UG/L)	2500
Selenium (UG/L)	5.0 U
Silver (UG/L)	1.0 U
Sodium (UG/L)	37000
Thallium (UG/L)	0.11 J
Vanadium (UG/L)	1.0 U
Zinc (UG/L)	5.1

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance

Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Mercury in Water (Manual Cold-Vapor Technique)	
Mercury (UG/L)	0.20 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance

Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013

Polychlorinated Biphenyls (PCB) by
Capillary GC

PCB-1016 (Arochlor 1016) (UG/L)	0.50 U
PCB-1221 (Arochlor 1221) (UG/L)	0.50 U
PCB-1232 (Arochlor 1232) (UG/L)	0.50 U
PCB-1242 (Arochlor 1242) (UG/L)	0.50 U
PCB-1248 (Arochlor 1248) (UG/L)	0.50 U
PCB-1254 (Arochlor 1254) (UG/L)	0.50 U
PCB-1260 (Arochlor 1260) (UG/L)	0.50 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001-SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Organochlorine Pesticides by Capillary GC	
Aldrin (UG/L)	0.050 U
alpha-BHC (alpha-Hexachlorocyclohexane) (UG/L)	0.050 U
alpha-Chlordane (UG/L)	0.050 U
alpha-Endosulfan (UG/L)	0.050 U
beta-BHC (beta-Hexachlorocyclohexane) (UG/L)	0.050 U
beta-Endosulfan (UG/L)	0.050 U
delta-BHC (delta-Hexachlorocyclohexane) (UG/L)	0.050 U
Dieldrin (UG/L)	0.050 U
Endosulfan Sulfate (UG/L)	0.050 U
Endrin (UG/L)	0.050 U
Endrin Aldehyde (UG/L)	0.050 U
Endrin Ketone (UG/L)	0.050 U
gamma-BHC (Lindane) (UG/L)	0.050 U
gamma-Chlordane (UG/L)	0.050 U
Heptachlor (UG/L)	0.050 U
Heptachlor Epoxide (UG/L)	0.050 U
Methoxychlor (UG/L)	0.10 UJ
p,p'-DDD (UG/L)	0.050 U
p,p'-DDE (UG/L)	0.050 U
p,p'-DDT (UG/L)	0.050 U
Toxaphene (UG/L)	2.0 UJ

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Chlorinated Herbicides by GC Using Methylation or Pentafluorobenzoylation Derivatization: Capillary Column Technique	
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 UJ
Pentachlorophenol (UG/L)	0.10 U
Silvex (2,4,5-TP) (UG/L)	1.0 U

ECC**Chemistry Results**

Ravenna Army Ammunition Plant, Quality Assurance Project Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Nitroaromatics and Nitramines by HPLC	
1,3,5-Trinitrobenzene (UG/L)	0.10 U
1,3-Dinitrobenzene (UG/L)	0.10 U
2,4,6-Trinitrotoluene (UG/L)	0.10 U
2,4-Dinitrotoluene (UG/L)	0.10 U
2,6-Dinitrotoluene (UG/L)	0.10 U
2-Amino-4,6-dinitrotoluene (UG/L)	0.20 U
2-Nitrotoluene (UG/L)	0.51 U
3-Nitrotoluene (UG/L)	0.51 U
4-Amino-2,6-Dinitrotoluene (UG/L)	0.10 U
4-Nitrotoluene (UG/L)	0.51 U
Hexahydro-1,3,5-Trinitro-1,3,5-Triazine (RDX) (UG/L)	0.10 U
Nitrobenzene (UG/L)	0.10 U
Nitroglycerin (UG/L)	0.66 U
NITROGUANIDINE (UG/L)	20.0 U
Octahydro-1,3,5,7-Tetranitro-1,3,5,7-Tetrazocine (HMX) (UG/L)	0.10 U
Pentaerythritol Tetranitrate (UG/L)	0.66 U
Tetryl (UG/L)	0.10 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Chromium, Hexavalent (Colorimetric)	
Chromium, Hexavalent (MG/L)	0.020 U

ECC

Chemistry Results

Ravenna Army Ammunition Plant, Quality Assurance Project

Plan, Oct. 3, 2012

Ravenna Army Ammunition Plant

Locations:	SorW-3
Field Sample ID:	079-0007-0001- SOURCEWATER
Sample Begin Depth:	1
Sample End Depth:	4
Sample Date:	03/14/2013
Nitrogen, Nitrate-Nitrite (Colorimetric Automated, Cadmium Reduction)	
Nitrocellulose (MG/L)	2.0 U

This Page Intentionally Left Blank.