APPENDIX M

INVESTIGATION-DERIVED WASTE MANAGEMENT REPORTS

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February 13, 2004

Mr. Glen Beckham
U.S. Army Corps of Engineers, Louisville District
ATTN: CELRL-PM-M
600 Martin Luther King, Jr. Place
Louisville, Kentucky 40202-0059

SUBJECT: **Contract No. 44650-99-0007, ECAS 409, Phase II Remedial Investigation (RI) for the Erie Burning Grounds at the Ravenna Army Ammunition Plant (RVAAP), Ravenna, Ohio**

RE: **Deliverable – FINAL Investigation Derived Waste (IDW) Characterization and Disposal Report for Well Cuttings, Purge and Development Water, and Drilling Decontamination Pad Water**

Dear Mr. Beckham:

Investigation activities conducted during the Phase II RI at the Erie Burning Grounds (October 2003 through December 2003) at RVAAP resulted in the generation of IDW consisting of soil cuttings, purge water from development and sampling activities, and decontamination water from drilling operations and sampling operations. The purpose of this letter is to characterize and classify for disposal IDW consisting of soil cuttings contained in one roll off box, decontamination water contained in two 55-gallon drums and one 500-gallon poly tank, and purge water contained in twenty 55-gallon drums.

This report includes a summary of IDW generated and its origin (Table 1) and classification of the IDW and recommendations for disposal (Table 2). This document follows guidance established by the Facility-Wide Sampling and Analysis Plan (SAP) (USACE 2001), the Sampling and Analysis Plan Addendum No. 1 for the Phase II RI of Erie Burning Grounds (USACE 2003), and the Ohio Environmental Protection Agency (EPA) guidance (November 1997) regarding IDW disposition at RVAAP.

Table 1. Summary of Erie Burning Grounds Phase II RI IDW

CONTAINER NUMBER	CONTAINER TYPE	CONTENTS	GENERATION DATE
DRILL DECON-01	500 Gallon Poly Drum	Deon Fluids From Drillers Decon Pad	10/28/03 - 11/13/03
DRILL DECON-02	55- Gallon Closed Top Drum	Decon Fluids From Drillers Decon Pad	11/07/03 - 11/07/03
DRILL DECON-03	55- Gallon Closed Top Drum	Decon Fluids From Drillers Decon Pad	11/13/03 - 11/13/03
EBGMW123-01	55- Gallon Closed Top Drum	Development/Purge Water	11/11/03 - 11/11/03
EBGMW123-02	55- Gallon Closed Top Drum	Development/Purge Water	11/11/03 - 11/25/03
EBGMW124-01	55- Gallon Closed Top Drum	Development/Purge Water	11/11/03 - 11/11/03
EBGMW124-02	55- Gallon Closed Top Drum	Development/Purge Water	11/11/03 - 11/25/03
EBGMW125-01	55- Gallon Closed Top Drum	Development/Purge Water	11/11/03 - 11/11/03
EBGMW125-02	55- Gallon Closed Top Drum	Development/Purge Water	11/11/03 - 11/21/03
EBGMW126-01	55- Gallon Closed Top Drum	Development/Purge Water	11/10/03 - 11/10/03
EBGMW126-02	55- Gallon Closed Top Drum	Development/Purge Water	11/10/03 - 11/20/03
EBGMW127-01	55- Gallon Closed Top Drum	Development/Purge Water	11/14/03 - 11/17/03
EBGMW127-02	55- Gallon Closed Top Drum	Development/Purge Water	11/17/03 - 12/01/03
EBGMW128-01	55- Gallon Closed Top Drum	Development/Purge Water	11/14/03 - 11/17/03
EBGMW128-02	55- Gallon Closed Top Drum	Development/Purge Water	11/17/03 - 11/17/03
EBGMW128-03	55- Gallon Closed Top Drum	Development/Purge Water	11/17/03 - 11/24/03
EBGMW129-01	55- Gallon Closed Top Drum	Development/Purge Water	11/17/03 - 11/17/03
EBGMW129-02	55- Gallon Closed Top Drum	Development/Purge Water	11/17/03 - 11/17/03
EBGMW129-03	55- Gallon Closed Top Drum	Development/Purge Water	11/17/03 - 11/17/03
EBGMW129-04	55- Gallon Closed Top Drum	Development/Purge Water	11/17/03 - 11/17/03
EBGMW129-05	55- Gallon Closed Top Drum	Development/Purge Water	11/17/03 - 11/24/03
EBGMW130-01	55- Gallon Closed Top Drum	Development/Purge Water	11/13/03 - 11/13/03
EBGMW130-02	55- Gallon Closed Top Drum	Development/Purge Water	11/13/03 - 11/20/03
EBG-ROLLOFF-1	Rolloff Box	Soil Cuttings	10/28/03 - 11/19/03

Per Section 7 of the Facility-Wide SAP, non-indigenous IDW is characterized for disposal on the basis of composite samples collected from segregated waste stream storage containers. In addition, Ohio EPA allows for the characterization of indigenous IDW (groundwater) to be characterized for disposal on the basis of composite samples collected from segregated waste stream storage containers. Composite waste samples were collected and submitted for laboratory analysis to characterize each waste stream for disposal. Two liquid composite samples were collected: EBG291 (composite of all IDW development/purge water) and EBG292 (composite of drillers decon pad decontamination fluids). Upon receipt of analytical results from the laboratory, the analytical results were reviewed to determine if any potentially hazardous waste exist. This review consisted of a comparison of the analytical results against the TCLP criteria presented in Table 7-1, Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24) presented in the Facility-Wide SAP (USACE 2001).

Attachment 1 presents the analytical laboratory data for TCLP analysis for IDW water generated during this reporting period at Erie Burning Grounds, RVAAP. All analytical results were below quantitative limits for both the IDW decontamination fluids sample (EBG292) and the IDW purge water sample (EBG291). The pH for the IDW water samples ranged from 7.4 to 7.6 standard units. The results for the flash point in both samples were below20°C. Reactive sulfide was not present in either sample. Reactive cyanide was not detected in sample EBG292. Cyanide was detected at a concentration of 0.01J mg/L in the IDW purge water sample EBG291, however, this result is an estimated concentration below the method reporting limit of 0.3 mg/L. The waste present in both samples are considered non-hazardous, contaminated wastewater.

Per Section 7 of the Facility-Wide SAP, indigenous IDW contained in roll-off boxes are characterized for disposal on the basis of composite samples collected and submitted for laboratory analysis of full toxicity characteristic leaching procedure (TCLP). One composite sample was collected from the roll-off box of soil cuttings (drill cuttings and excess soil from hand auger samples) generated at the Erie Burning Grounds. Upon receipt from the laboratory, the analytical results were reviewed to determine if any potentially hazardous wastes exist. This review consisted of a comparison of the analytical results against the TCLP criteria presented in Table 7-1, Maximum Concentration of Contaminants for the Toxicity Characteristic (40 CFR 261.24) presented in the Facility-Wide SAP (USACE 2001).

Attachment 2 presents the analytical laboratory data for TCLP analysis for IDW soil cuttings in container EBG-ROLLOFF-1 (sample ID EBG340). All analytical results were below quantitative limits; however, 2-butanone (methyl ethyl ketone [MEK]) was detected at a level of 37 µg/L in the IDW soil sample EBG340, which falls below the method reporting limit of 100 µg/L. The pH of the sample was 8.3, and the flashpoint was below the detection level of 20°C. Reactive cyanide and reactive sulfide were not present in this sample. The waste is considered non-hazardous, contaminated solid waste.

Please note that this soil has been characterized under provisions of the Facility-Wide SAP and SAP Addendum No. 1 using TCLP analysis and process knowledge. Unless RVAAP has additional information that would result in the IDW meeting, or containing materials that meet, the definition of a listed hazardous waste as defined in 40 CFR Part 261 Subpart D, it is recommended that the IDW, as presently characterized, be disposed as non-hazardous, contaminated solid waste.

Table 2 presents the disposal recommendations determined as a result of these data. Disposal at a permitted solid waste or water treatment facility is recommended for all IDW wastes generated during this period provided that RVAAP concurs with the preliminary characterization and that no RCRA listings apply.

Table 2. Summary of Final Waste Classification and Recommended Disposal

NON-HAZARDOUS, CONTAMINATED WASTE			
Container Number	**Medium**	**Waste Criterion**	**Disposal Recommendation**
DRILL DECON-01	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
DRILL DECON-02	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
DRILL DECON-03	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW123-01	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW123-02	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW124-01	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW124-02	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW125-01	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW125-02	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW126-01	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW126-02	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW127-01	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW127-02	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW128-01	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW128-02	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW128-03	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility

Table 2. Summary of Final Waste Classification and Recommended Disposal (continued)

NON-HAZARDOUS, CONTAMINATED WASTE			
Container Number	**Medium**	**Waste Criterion**	**Disposal Recommendation**
EBGMW129-01	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW129-02	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW129-03	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW129-04	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW129-05	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW130-01	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBGMW130-02	water	Inorganics, organics	Permitted Wastewater Treatment Facility or Permitted Solid Waste Facility
EBG-ROLLOFF-1	soils	Inorganics, organics	Permitted Solid Waste Facility

Since RVAAP, under RCRA, is the generator of this material, SAIC requests concurrence or direction on the waste classification prior to disposal to ensure that the materials are properly disposed. Following your direction and immediate approval, we will proceed with the appropriate waste disposal.

If you have any questions, or require additional information, please do not hesitate to contact me at (865) 481-4614 or Martha Clough at (330) 405-5804.

Sincerely,

SCIENCE APPLICATIONS INTERNATIONAL CORPORATION

Kevin Jago
Project Manager

cc: Robin Brandin – SAIC
Martha Clough – SAIC
Todd Fisher – Ohio EPA
John Jent – USACE
Eileen Mohr – Ohio EPA
Mark Patterson – RVAAP
Martha Turpin – SAIC
Paul Zorko – USACE
SAIC CY10 Project File
SAIC CRF

Attachment 1
Erie Burning Grounds Analytical IDW Water Data

Container ID	IDW Sample ID	Analysis Type	Chemical	Units	Result	Reporting Limit	TCLP Criteria (mg/L)
EBGMW123-01	EBG 291	pH	pH	pH	7.6	0	
EBGMW123-02	EBG 291	Reactives, Cyanide	Cyanide	mg/L	0.01	0.3	
EBGMW124-01	EBG 291	Semi-Volatile Organics	1,4-Dichlorobenzene	µg/L	ND	50	7.50
EBGMW124-02	EBG 291	Semi-Volatile Organics	2,4,5-Trichlorophenol	µg/L	ND	50	400.00
EBGMW125-01	EBG 291	Semi-Volatile Organics	2,4,6-Trichlorophenol	µg/L	ND	50	2.00
EBGMW125-02	EBG 291	Semi-Volatile Organics	2,4-Dinitrotoluene	µg/L	ND	50	0.13
EBGMW126-01	EBG 291	Semi-Volatile Organics	2-methylphenol	µg/L	ND	50	
EBGMW126-02	EBG 291	Semi-Volatile Organics	3 & 4-Methylphenol	µg/L	ND	50	
EBGMW127-01	EBG 291	Semi-Volatile Organics	Hexachlorobenzene	µg/L	ND	50	0.13
EBGMW127-02	EBG 291	Semi-Volatile Organics	Hexachlorobutadiene	µg/L	ND	50	0.50
EBGMW128-01	EBG 291	Semi-Volatile Organics	Hexachloroethane	µg/L	ND	50	3.00
EBGMW128-02	EBG 291	Semi-Volatile Organics	Nitrobenzene	µg/L	ND	50	2.00
EBGMW128-03	EBG 291	Semi-Volatile Organics	Pentachlorophenol	µg/L	ND	100	100.00
EBGMW129-01	EBG 291	Semi-Volatile Organics	Pyridine	µg/L	ND	50	5.00
EBGMW129-02	EBG 291	TCLP Metals	Arsenic	µg/L	ND	200	5.00
EBGMW129-03	EBG 291	TCLP Metals	Barium	µg/L	ND	1000	100.00
EBGMW129-04	EBG 291	TCLP Metals	Cadmium	µg/L	ND	60	1.00
EBGMW129-05	EBG 291	TCLP Metals	Chromium	µg/L	ND	50	5.00
EBGMW130-01	EBG 291	TCLP Metals	Lead	µg/L	ND	100	5.00
EBGMW130-02	EBG 291	TCLP Metals	Mercury	µg/L	ND	2	0.20
	EBG 291	TCLP Metals	Selenium	µg/L	ND	200	1.00
	EBG 291	TCLP Metals	Silver	µg/L	ND	30	5.00
	EBG 291	TCLP Herbicides	2,4,5-TP (Silvex)	µg/L	ND	5	1.00
	EBG 291	TCLP Herbicides	2,4-D	µg/L	ND	5	10.00
	EBG 291	TCLP Pesticides and/or PCBs	Chlordane	µg/L	ND	5	0.03
	EBG 291	TCLP Pesticides and/or PCBs	Endrin	µg/L	ND	0.25	0.02
	EBG 291	TCLP Pesticides and/or PCBs	Gamma-BHC (Lindane)	µg/L	ND	0.25	0.40
	EBG 291	TCLP Pesticides and/or PCBs	Heptachlor	µg/L	ND	0.25	0.01
	EBG 291	TCLP Pesticides and/or PCBs	Heptachlor Epoxide	µg/L	ND	0.25	0.01
	EBG 291	TCLP Pesticides and/or PCBs	Methoxychlor	µg/L	ND	0.25	10.00
	EBG 291	TCLP Pesticides and/or PCBs	Toxaphene	µg/L	ND	0.5	0.50
	EBG 291	Semi-Volatile Organics	1,1-Dichloroethene	µg/L	ND	100	
	EBG 291	Semi-Volatile Organics	1,2-Dichloroethane	µg/L	ND	100	0.50
	EBG 291	Semi-Volatile Organics	1,4-Dichlorobenzene	µg/L	ND	100	7.50
	EBG 291	Semi-Volatile Organics	2-Butanone (MEK)	µg/L	ND	100	200.00
	EBG 291	Semi-Volatile Organics	Benzene	µg/L	ND	100	0.50
	EBG 291	Semi-Volatile Organics	Carbon Tetrachloride	µg/L	ND	100	0.50
	EBG 291	Semi-Volatile Organics	Chlorobenzene	µg/L	ND	100	100.00
	EBG 291	Semi-Volatile Organics	Chloroform	µg/L	ND	100	6.00
	EBG 291	Semi-Volatile Organics	Tetrachloroethylene	µg/L	ND	100	0.70
	EBG 291	Semi-Volatile Organics	Trichloroethene	µg/L	ND	100	0.50
	EBG 291	Semi-Volatile Organics	Vinyl Chloride	µg/L	ND	100	0.20
	EBG 291	Reactives	Sulfide	mg/L	ND	10	
	EBG 291	Flash Point	Flash Point	DC	ND	20	

Attachment 1
Erie Burning Grounds Analytical IDW Water Data

Container ID	IDW Sample ID	Analysis Type	Chemical	Units	Result	Reporting Limit	TCLP Criteria (mg/L)
Drill Decon-01	EBG 292	pH	pH	pH	7.4	0	
Drill Decon-02	EBG 292	Reactives, Cyanide	Cyanide	mg/L	ND	0.3	
Drill Decon-03	EBG 292	Semi-Volatile Organics	1,4-Dichlorobenzene	µg/L	ND	50	7.50
	EBG 292	Semi-Volatile Organics	2,4,5-Trichlorophenol	µg/L	ND	50	400.00
	EBG 292	Semi-Volatile Organics	2,4,6-Trichlorophenol	µg/L	ND	50	2.00
	EBG 292	Semi-Volatile Organics	2,4-Dinitrotoluene	µg/L	ND	50	0.13
	EBG 292	Semi-Volatile Organics	2-methylphenol	µg/L	ND	50	
	EBG 292	Semi-Volatile Organics	3 & 4-Methylphenol	µg/L	ND	50	
	EBG 292	Semi-Volatile Organics	Hexachlorobenzene	µg/L	ND	50	0.13
	EBG 292	Semi-Volatile Organics	Hexachlorobutadiene	µg/L	ND	50	0.50
	EBG 292	Semi-Volatile Organics	Hexachloroethane	µg/L	ND	50	3.00
	EBG 292	Semi-Volatile Organics	Nitrobenzene	µg/L	ND	50	2.00
	EBG 292	Semi-Volatile Organics	Pentachlorophenol	µg/L	ND	100	100.00
	EBG 292	Semi-Volatile Organics	Pyridine	µg/L	ND	50	5.00
	EBG 292	TCLP Metals	Aresenic	µg/L	ND	200	5.00
	EBG 292	TCLP Metals	Barium	µg/L	ND	1000	100.00
	EBG 292	TCLP Metals	Cadmium	µg/L	ND	60	1.00
	EBG 292	TCLP Metals	Chromium	µg/L	ND	50	5.00
	EBG 292	TCLP Metals	Lead	µg/L	ND	100	5.00
	EBG 292	TCLP Metals	Mercury	µg/L	ND	2	0.20
	EBG 292	TCLP Metals	Selenium	µg/L	ND	200	1.00
	EBG 292	TCLP Metals	Silver	µg/L	ND	30	5.00
	EBG 292	TCLP Herbicides	2,4,5-TP (Silvex)	µg/L	ND	5	1.00
	EBG 292	TCLP Herbicides	2,4-D	µg/L	ND	5	10.00
	EBG 292	TCLP Pesticides and/or PCBs	Chlordane	µg/L	ND	5	0.03
	EBG 292	TCLP Pesticides and/or PCBs	Endrin	µg/L	ND	0.25	0.02
	EBG 292	TCLP Pesticides and/or PCBs	Gamma-BHC (Lindane)	µg/L	ND	0.25	0.40
	EBG 292	TCLP Pesticides and/or PCBs	Heptachlor	µg/L	ND	0.25	0.01
	EBG 292	TCLP Pesticides and/or PCBs	Heptachlor Epoxide	µg/L	ND	0.25	0.01
	EBG 292	TCLP Pesticides and/or PCBs	Methoxychlor	µg/L	ND	0.25	10.00
	EBG 292	TCLP Pesticides and/or PCBs	Toxaphene	µg/L	ND	0.5	0.50
	EBG 292	Semi-Volatile Organics	1,1-Dichloroethene	µg/L	ND	100	
	EBG 292	Semi-Volatile Organics	1,2-Dichloroethane	µg/L	ND	100	0.50
	EBG 292	Semi-Volatile Organics	1,4-Dichlorobenzene	µg/L	ND	100	7.50
	EBG 292	Semi-Volatile Organics	2-Butanone (MEK)	µg/L	ND	100	200.00
	EBG 292	Semi-Volatile Organics	Benzene	µg/L	ND	100	0.50
	EBG 292	Semi-Volatile Organics	Carbon Tetrachloride	µg/L	ND	100	0.50
	EBG 292	Semi-Volatile Organics	Chlorobenzene	µg/L	ND	100	100.00
	EBG 292	Semi-Volatile Organics	Chloroform	µg/L	ND	100	6.00
	EBG 292	Semi-Volatile Organics	Tetrachloroethylene	µg/L	ND	100	0.70
	EBG 292	Semi-Volatile Organics	Trichloroethene	µg/L	ND	100	0.50
	EBG 292	Semi-Volatile Organics	Vinyl Chloride	µg/L	ND	100	0.20
	EBG 292	Reactives	Sulfide	mg/L	ND	10	
	EBG 292	Flash Point	Flash Point	DC	ND	20	

Attachment 2
Erie Burning Ground Analytical IDW Soil Data

Container ID	IDW Sample ID	Analysis Method	Analysis Type	Chemical	Units	Result	Reporting Limit	TCLP Criteria (mg/L)
EBG-ROLLOFF-1	EBG 340	SW9045C	pH	pH	pH	8.3	0	
EBG-ROLLOFF-1	EBG 340	SW9014R	Reactives, Cyanide	Cyanide	mg/L	ND	0.3	
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	1,4-Dichlorobenzene	µg/L	ND	50	7.50
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	2,4,5-Trichlorophenol	µg/L	ND	50	400.00
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	2,4,6-Trichlorophenol	µg/L	ND	50	2.00
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	2,4-Dinitrotoluene	µg/L	ND	50	0.13
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	2-methylphenol	µg/L	ND	50	
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	3 & 4-Methylphenol	µg/L	ND	50	
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	Hexachlorobenzene	µg/L	ND	50	0.13
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	Hexachlorobutadiene	µg/L	ND	50	0.50
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	Hexachloroethane	µg/L	ND	50	3.00
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	Nitrobenzene	µg/L	ND	50	2.00
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	Pentachlorophenol	µg/L	ND	100	100.00
EBG-ROLLOFF-1	EBG 340	SW8270C_TCLP	Semi-Volatile Organics	Pyridine	µg/L	ND	50	5.00
EBG-ROLLOFF-1	EBG 340	SW6010B_TCLP	TCLP Metals	Aresenic	µg/L	ND	200	5.00
EBG-ROLLOFF-1	EBG 340	SW6010B_TCLP	TCLP Metals	Barium	µg/L	ND	1000	100.00
EBG-ROLLOFF-1	EBG 340	SW6010B_TCLP	TCLP Metals	Cadmium	µg/L	ND	60	1.00
EBG-ROLLOFF-1	EBG 340	SW6010B_TCLP	TCLP Metals	Chromium	µg/L	ND	50	5.00
EBG-ROLLOFF-1	EBG 340	SW6010B_TCLP	TCLP Metals	Lead	µg/L	ND	100	5.00
EBG-ROLLOFF-1	EBG 340	SW7471A_TCLP	TCLP Metals	Mercury	µg/L	ND	2	0.20
EBG-ROLLOFF-1	EBG 340	SW6010B_TCLP	TCLP Metals	Selenium	µg/L	ND	200	1.00
EBG-ROLLOFF-1	EBG 340	SW6010B_TCLP	TCLP Metals	Silver	µg/L	ND	30	5.00
EBG-ROLLOFF-1	EBG 340	SW8151A_TCLP	TCLP Herbicides	2,4,5-TP (Silvex)	µg/L	ND	5	1.00
EBG-ROLLOFF-1	EBG 340	SW8151A_TCLP	TCLP Herbicides	2,4-D	µg/L	ND	5	10.00
EBG-ROLLOFF-1	EBG 340 DL	SW8081A_TCLP	TCLP Pesticides and/or PCBs	Chlordane	µg/L	ND	5	0.03
EBG-ROLLOFF-1	EBG 340 DL	SW8081A_TCLP	TCLP Pesticides and/or PCBs	Endrin	µg/L	ND	2.5	0.02
EBG-ROLLOFF-1	EBG 340 DL	SW8081A_TCLP	TCLP Pesticides and/or PCBs	Gamma-BHC (Lindane)	µg/L	ND	2.5	0.40
EBG-ROLLOFF-1	EBG 340 DL	SW8081A_TCLP	TCLP Pesticides and/or PCBs	Heptachlor	µg/L	ND	2.5	0.01
EBG-ROLLOFF-1	EBG 340 DL	SW8081A_TCLP	TCLP Pesticides and/or PCBs	Heptachlor Epoxide	µg/L	ND	2.5	0.01
EBG-ROLLOFF-1	EBG 340 DL	SW8081A_TCLP	TCLP Pesticides and/or PCBs	Methoxychlor	µg/L	ND	2.5	10.00
EBG-ROLLOFF-1	EBG 340 DL	SW8081A_TCLP	TCLP Pesticides and/or PCBs	Toxaphene	µg/L	ND	50	0.50
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	1,1-Dichloroethene	µg/L	ND	100	
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	1,2-Dichloroethane	µg/L	ND	100	0.50
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	1,4-Dichlorobenzene	µg/L	ND	50	7.50
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	2-Butanone (MEK)	µg/L	37	100	200.00
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	Benzene	µg/L	ND	100	0.50
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	Carbon Tetrachloride	µg/L	ND	100	0.50
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	Chlorobenzene	µg/L	ND	100	100.00
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	Chloroform	µg/L	ND	100	6.00
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	Tetrachloroethylene	µg/L	ND	100	0.70
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	Trichloroethene	µg/L	ND	100	0.50
EBG-ROLLOFF-1	EBG 340	SW8260B_TCLP	Semi-Volatile Organics	Vinyl Chloride	µg/L	ND	100	0.20
EBG-ROLLOFF-1	EBG 340	SW9034R	Reactives	Sulfide	mg/L	ND	9.9	
EBG-ROLLOFF-1	EBG 340	CLP_SOLIDS	Percent Solids	Percent Solids	%	78	1	
EBG-ROLLOFF-1	EBG 340	SW1010	Flash Point	Flash Point	DC	ND	20	

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