March 27, 2009 10077,022

Oregon Department of Environmental Quality Northwest Region 2020 SW Fourth Avenue, Suite 400 Portland, Oregon 97201

VIA Email/First Class

Attn:

Anna Coates

Subject:

Contaminated Media Management - April 2007 Soil Removal Summary

Former Mobil/Niemi Oil Bulk Plant Redevelopment

490 Industry Street, Astoria, Oregon Astoria Area-Wide Petroleum Site

DEQ ECSI File #2277

Dear Ms. Coates:

This letter is being sent to Oregon Department of Environmental Quality (DEQ) by EnviroLogic Resources, Inc., on behalf of the Astoria Area-Wide Cooperating Parties (the Parties). Approximately 445 cubic yards of potentially contaminated soil was removed during site redevelopment utility corridor trenching activities between April 12 and April 14, 2007, and has been managed in accordance with the DEQ-approved Contaminated Media Management Plan (CMMP) prepared for the former Mobil/Niemi Oil bulk plant site located at 490 Industry Street in Astoria, Oregon (Site). Figure 1 shows the location and Figure 2 shows the plan for the Astoria Area-Wide site. This soil was temporarily staged and stockpiled pending completion of waste characterization and our receipt of laboratory analytical results in accordance with the August 24, 2006, CMMP. The results of four soil samples collected on January 24, 2007, indicate that the stockpile was comprised of petroleum-contaminated soil (PCS). Appendix A contains a copy of the laboratory analytical results for the associated stockpile soil and leachate sampling.

Petroleum hydrocarbon constituent concentrations detected in the PCS are greater than some generic DEQ risk-based concentrations identified in the June 17, 2008, Remedial Investigation Report relevant to Area of Concern 4. Given the planned site redevelopment grade, on-site reuse of PCS was not an option and an off-site reuse location was not identified. Therefore, the 445 cubic yards of PCS removed from the trench from approximately 2- to 7-feet below grade was managed for off-site disposal. Excess surface soils from 0- to 2-feet that were not impacted were segregated for subsequent use as utility



Ms. Anna Coates March 27, 2009 Page 2

trench backfill above the new storm water piping and surrounding gravel fill. Water that had accumulated within the stockpile system due to precipitation events was also stored on-site in two 55-gallon drums pending waste characterization. Additional PCS was not generated during the remainder of the Former Mobil/Niemi Oil Bulk Plant site redevelopment. This letter documents the completion of utility corridor trenching activities that are subject of the CMMP and associated disposal.

Cowlitz Clean Sweep (CCS)-PNE Corporation obtained a special waste permit for the Hillsboro Landfill (Subtitle D landfill) for the ultimate disposal of the PCS. CCS excavated, stockpiled, loaded, transported, and disposed of the excess PCS and associated wastewater during April 2007. CCS-PNE employees working on the Site had the proper Hazardous Waste Site Operations and Emergency Response (HAZWOPER) training per Occupational Safety and Health Administration (OSHA) and state law. *Appendix B* contains copies of waste disposal documents.

After the new storm water system piping was installed, water-tight cofferdams comprised of controlled-density fill (cement) were poured in the trenches to prevent the potential migration of petroleum hydrocarbons along a potential preferential pathway within the fill materials associated with the new utility corridor. The cofferdams were placed approximately 60-feet apart immediately outside areas of known or observed petroleum hydrocarbon soil impacts to isolate the potentially contaminated areas between cofferdams from clean areas should ground water rise to within the elevations of the utility corridors and surrounding native soils. Figure 3 presents the storm water system utility trench and cofferdam locations. *Appendix C* contains photographs of this work.

Please call us at (503) 768-5121 if you have any questions or comments regarding this correspondence.

Sincerely,

EnviroLogic Resources, Inc.

Spront Howard

Jason C. Howard

Project Hydrogeologist

Thomas J. Calabrese, RG, CWRE

Principal/Mydrogeologist

Project Manager



Ms. Anna Coates March 27, 2009 Page 3

cc: distribution list attached

FIGURES

Figure 1 Site Location Figure 2 Site Plan

Figure 3 Storm Water System Utility Trench Locations

APPENDICES

Appendix A Laboratory Analytical Results Soil Stockpile & Leachate Sampling

Appendix B Copies of Waste Disposal Documents

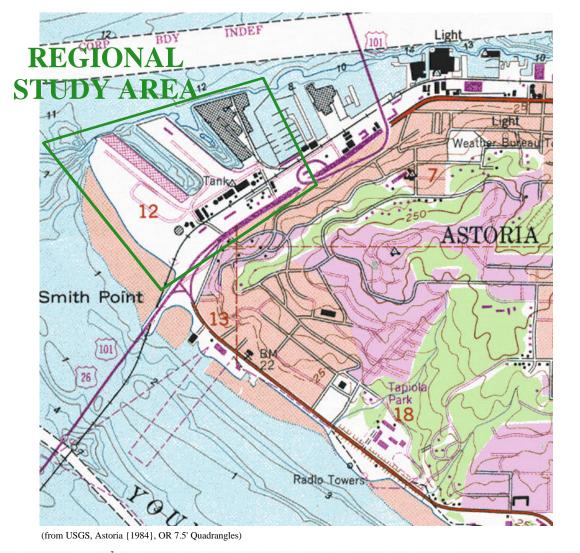
Appendix C Site Visit Photographs



ASTORIA AREA-WIDE PETROLEUM SITE Distribution List

- 1 Anna Coates, DEQ Project Manager, Site Response
- 1 Ron Larsen, Port of Astoria
- 1 Tom Calabrese, EnviroLogic Resources, Inc., Consultant for AAW PRP Group
- 1 Max Miller, Tonkon Torp, Attorney for McCall Oil and Chemical Corporation
- 1 Ted McCall, McCall Oil and Chemical Corporation
- 1 John Edwards, Anchor Environmental, LLC, Consultant for McCall Oil and Chemical Corp
- 1 Cary E. Bechtolt, Niemi Oil Company
- 1 Jeff B. Kray, Marten Law Group, PLLC, Attorney for Niemi Oil Company
- 1 Kurt Harrington, AMEC, Inc., Consultant for Niemi Oil Company
- 1 Ed Platt, Shell Oil Company
- 1 Rick Glick, Davis Wright Tremaine, Attorney for Shell Oil Company
- 1 Leon Lahiere, Hart Crowser, Consultant for Shell Oil Company
- 1 Brian Harris, Harris Enterprises
- 1 Larry Vandermay, Flying Dutchman
- 1 David Bartz & Laura Maffei, Schwabe Williamson & Wyatt, Attorney for Flying Dutchman
- 1 Hong Huynh, Miller Nash, Attorney for Harris Enterprises
- 1 Lon Yandell, Kleinfelder, Consultant for Harris Enterprises
- 1 Richard Delphia, Delphia Oil Company
- 1 Chuck Smith, Attorney for Delphia Oil Company
- 1 Brett Hunter, Chevron Environmental Management Company
- 1 Soniya Ziegler, Attorney for Chevron Environmental Management Company
- 1 Chris Angier, ARCADIS US, Inc., Consultant for Chevron Environ. Management Co.
- 1 Gerry Koschal, ARCADIS US, Inc., Consultant for Chevron Environ. Management Co.
- 1 Robin Seguin, Qwest Communications International, Inc.
- 1 David Bledsoe, Perkins Coie LLP, Attorney for Qwest Communications International, Inc.
- 1 Anita W. Lovely, Lovely Consulting, Inc., Consultant for ExxonMobil Corporation
- 1 Information Repository





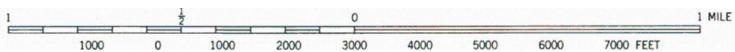
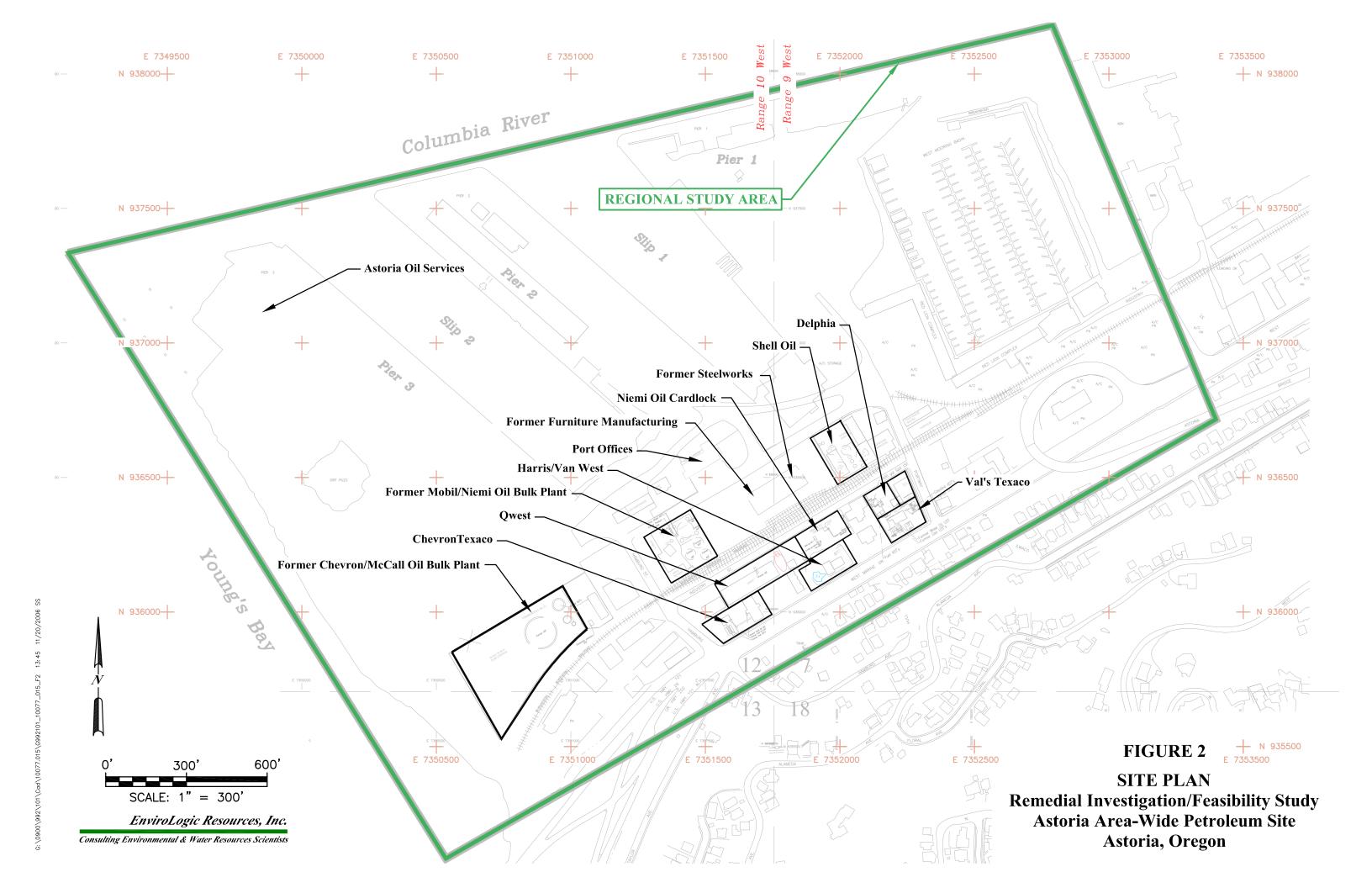
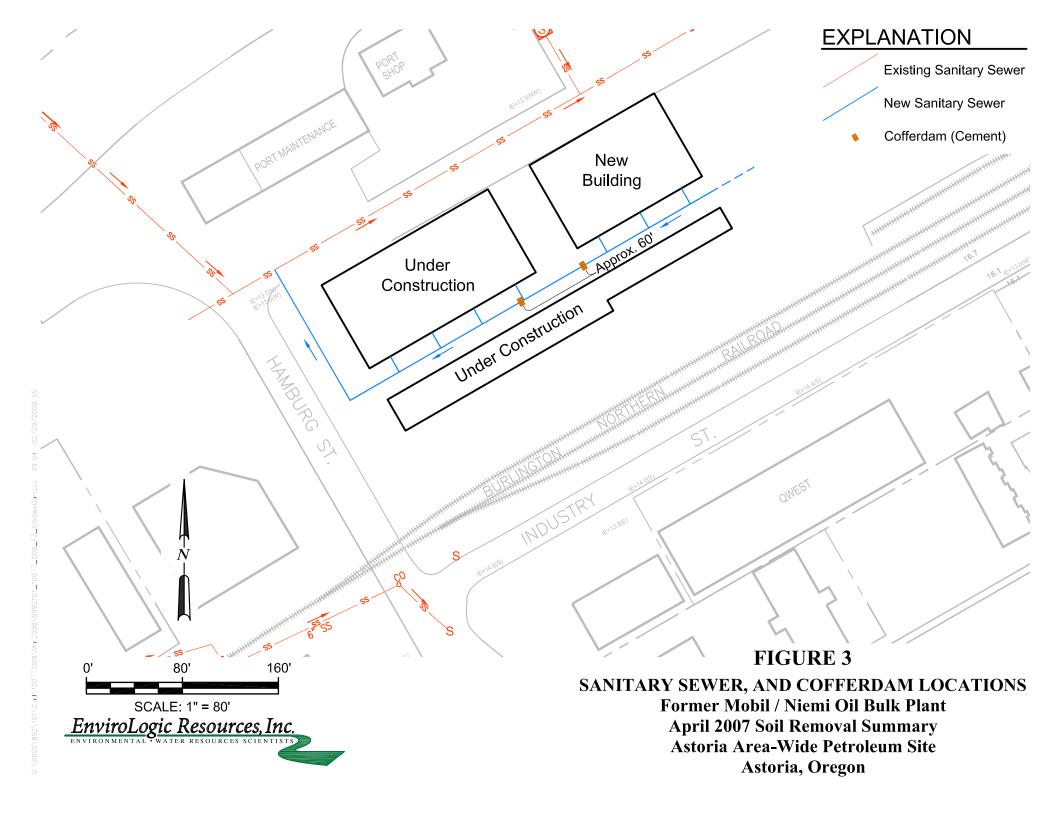




FIGURE 1 SITE LOCATION

Remedial Investigation/Feasibilty Study Astoria Area-Wide Petroleum Site Astoria, Oregon





APPENDIX A LABORATORY ANALYTICAL RESULTS







February 07, 2007

Jason Howard EnviroLogic Resources, Inc. P.O. Box 80762 Portland, OR 97280-0762

RE: Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant

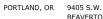
Enclosed are the results of analyses for samples received by the laboratory on 01/24/07 16:25. The following list is a summary of the Work Orders contained in this report, generated on 02/07/07 08:14.

If you have any questions concerning this report, please feel free to contact me.

Work Order	Project	ProjectNumber
PQA0759	Astoria Area Wide/MOBIL-Ni	10077.015

TestAmerica - Portland, OR





9405 S.W. NIMBUS AVENUE BEAVERTON, OR 97008-7132 ph: (503) 906.9200 fax: (503) 906.9210



Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant EnviroLogic Resources, Inc. Project Name:

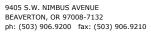
P.O. Box 80762 Project Number: 10077.015 Report Created: Portland, OR 97280-0762 Project Manager: Jason Howard 02/07/07 08:14

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Leachate	PQA0759-01	Water	01/24/07 13:10	01/24/07 16:25
PCSS1	PQA0759-02	Soil	01/24/07 13:15	01/24/07 16:25
PCSS2	PQA0759-03	Soil	01/24/07 13:25	01/24/07 16:25
PCSS3	PQA0759-04	Soil	01/24/07 13:35	01/24/07 16:25
CSS4	PQA0759-05	Soil	01/24/07 13:45	01/24/07 16:25

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 P.O. Box 80762
 Project Number:
 10077.015
 Report Created:

 Portland, OR 97280-0762
 Project Manager:
 Jason Howard
 02/07/07 08:14

Gasoline Hydrocarbons per NW TPH-Gx Method

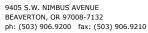
TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQA0759-02 (PCSS1)		Soi	1		Sampl	led: 01/2	24/07 13:15			
Gasoline Range Hydrocarbons	NW TPH-Gx	54.7		4.55	mg/kg dry	1x	7010942	01/25/07 10:54	01/30/07 16:26	
Surrogate(s): a,a,a-TFT			84.2%		50 - 150 %	"			"	
PQA0759-03 (PCSS2)		Soi	1		Sampl	ed: 01/2	24/07 13:25			
Gasoline Range Hydrocarbons	NW TPH-Gx	718		45.4	mg/kg dry	10x	7010942	01/25/07 10:54	01/30/07 17:42	
Surrogate(s): a,a,a-TFT			380%		50 - 150 %	"			"	ZX
PQA0759-04 (PCSS3)		Soi	1		Sampl	ed: 01/2	24/07 13:35			
Gasoline Range Hydrocarbons	NW TPH-Gx	ND		4.46	mg/kg dry	1x	7010942	01/25/07 10:54	01/27/07 04:07	
Surrogate(s): a,a,a-TFT			100%		50 - 150 %	"			"	
PQA0759-05 (CSS4)		Soi	1		Sampl	ed: 01/2	24/07 13:45			
Gasoline Range Hydrocarbons	NW TPH-Gx	ND		4.26	mg/kg dry	1x	7010942	01/25/07 10:54	01/26/07 02:19	
Surrogate(s): a,a,a-TFT			103%		50 - 150 %	"			"	

TestAmerica - Portland, OR

Dornall Assail Brainet Managar







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 Project Number:
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 Jason Howard
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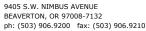
Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQA0759-02 (PCSS1)		Soi	l		Sampl	led: 01/2	24/07 13:15			
Diesel Range Organics	NWTPH-Dx	128		14.2	mg/kg dry	1x	7010975	01/26/07 13:15	01/26/07 21:11	Q10
Heavy Oil Range Hydrocarbons	"	139		28.5	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			109%		50 - 150 %	"			"	
PQA0759-03 (PCSS2)		Soi	I		Sampl	led: 01/2	24/07 13:25			
Diesel Range Organics	NWTPH-Dx	794		14.4	mg/kg dry	1x	7010975	01/26/07 13:15	01/26/07 21:11	
Heavy Oil Range Hydrocarbons	"	66.1		28.9	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			113%		50 - 150 %	"			"	
PQA0759-04 (PCSS3)		Soi	l		Sampl	led: 01/2	24/07 13:35			
Diesel Range Organics	NWTPH-Dx	ND		14.3	mg/kg dry	1x	7010975	01/26/07 13:15	01/26/07 22:46	
Heavy Oil Range Hydrocarbons	"	ND		28.6	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			101%		50 - 150 %	"			"	
PQA0759-05 (CSS4)		Soi	l		Sampl	led: 01/2	24/07 13:45			
Diesel Range Organics	NWTPH-Dx	ND		14.2	mg/kg dry	1x	7010975	01/26/07 13:15	01/26/07 23:18	
Heavy Oil Range Hydrocarbons	**	34.2		28.4	"	"	"	"	"	
Surrogate(s): 1-Chlorooctadecane			106%		50 - 150 %	"			"	

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 Portland, OR 97280-0762
 Project Manager:
 Jason Howard
 02/07/07 08:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

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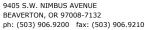
Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQA0759-01	(Leachate)		Wa	iter		Sampl	ed: 01/24	4/07 13:10			
1,2-Dibromoethane		EPA 8260B	ND		0.500	ug/l	1x	7010960	01/26/07 08:10	01/26/07 14:27	
1,2-Dichloroethane		"	ND		0.500	"	"	"	"	"	
Benzene		"	0.200		0.200	"	"	"	"	"	
Toluene		"	38.5		0.500	"	"	"	"	"	
Ethylbenzene		"	3.56		0.500	"	"	"	"	"	
Xylenes (total)		"	13.6		1.00	"	"	"	"	"	
Methyl tert-butyl etl	her	"	ND		2.00	"	"	"	"	"	
Naphthalene		"	5.00		2.00	"	"	"	"	"	
1,2,4-Trimethylben	ızene	"	9.32		1.00	"	"	"	"	"	
1,3,5-Trimethylben	nzene	"	1.86		0.500	"	"	"	"	"	
Isopropylbenzene		"	ND		2.00	"	"	"	"	"	
n-Propylbenzene		"	0.920		0.500	"	"	"	"	"	
Surrogate(s):	4-BFB			108%		80 - 120 %	"			"	
Dan Ogaic(3).				117%		80 - 120 %	"			"	
sui roguic(s).	1,2-DCA-d4										
Sur oguic(s).	1,2-DCA-d4 Dibromofluorometha	ane		113%		80 - 120 %	"			"	
San Ogaic(s).		nne				80 - 120 % 80 - 120 %	"			"	
G ,,,	Dibromofluorometha	une	Soi	113% 110%		80 - 120 %	"	4/07 13:15		"	
G ,,,	Dibromofluorometho Toluene-d8 (PCSS1)	EPA 8260B	Soi ND	113% 110%	28.6	80 - 120 %	"	4/ 07 13:15 7020061	01/25/07 13:40	02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane	Dibromofluorometho Toluene-d8 (PCSS1)			113% 110% I	28.6 28.6	80 - 120 % Sample	" ed: 01/24		01/25/07 13:40		
PQA0759-02	Dibromofluorometho Toluene-d8 (PCSS1)	EPA 8260B	ND	113% 110% I		80 - 120 % Sample ug/kg dry	" ed: 01/24	7020061		02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane	Dibromofluorometho Toluene-d8 (PCSS1)	EPA 8260B	ND ND	113% 110% I	28.6	80 - 120 % Sample ug/kg dry "	" ed: 01/24	7020061	"	02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene	Dibromofluorometho Toluene-d8 (PCSS1)	EPA 8260B	ND ND ND	113% 110% 110	28.6 11.4	80 - 120 % Sample ug/kg dry "	" ed: 01/24	7020061	"	02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene	Dibromofluorometho Toluene-d8 (PCSS1)	EPA 8260B	ND ND ND ND	113% 110% 110%	28.6 11.4 28.6	80 - 120 % Sample ug/kg dry " "	" ed: 01/24	7020061	"	02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene	Dibromofluorometha Toluene-d8 (PCSS1)	EPA 8260B	ND ND ND ND	113% 110%	28.6 11.4 28.6 28.6	80 - 120 % Sample ug/kg dry " " "	" ed: 01/24	7020061	"	02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total)	Dibromofluorometha Toluene-d8 (PCSS1)	EPA 8260B	ND ND ND ND ND	113% 110%	28.6 11.4 28.6 28.6 57.2	80 - 120 % Sample ug/kg dry " " " "	" ed: 01/24	7020061	"	02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl etl	Dibromofluorometha Toluene-d8 (PCSS1)	EPA 8260B	ND ND ND ND ND ND ND ND	113% 110%	28.6 11.4 28.6 28.6 57.2 22.9	80 - 120 % Sample ug/kg dry " " " "	" ed: 01/24	7020061	"	02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl etl Naphthalene	Dibromofluorometha Toluene-d8 (PCSS1)	EPA 8260B	ND ND ND ND ND ND ND ND ND	113% 110% I	28.6 11.4 28.6 28.6 57.2 22.9 114	80 - 120 % Sample ug/kg dry " " " "	" ed: 01/24	7020061	"	02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl etl Naphthalene 1,2,4-Trimethylben	Dibromofluorometha Toluene-d8 (PCSS1)	EPA 8260B	ND	113% 110%	28.6 11.4 28.6 28.6 57.2 22.9 114 57.2	80 - 120 % Sample ug/kg dry " " " " " "	" ed: 01/24	7020061	"	02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl etl Naphthalene 1,2,4-Trimethylben 1,3,5-Trimethylben	Dibromofluorometha Toluene-d8 (PCSS1)	EPA 8260B	ND ND ND ND ND ND ND ND ND 12.1	113% 110%	28.6 11.4 28.6 28.6 57.2 22.9 114 57.2 28.6	80 - 120 % Sample ug/kg dry " " " " " " " "	" ed: 01/24	7020061		02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl etl Naphthalene 1,2,4-Trimethylben 1,3,5-Trimethylben Isopropylbenzene	Dibromofluorometha Toluene-d8 (PCSS1)	EPA 8260B	ND ND ND ND ND ND ND ND ND 10 ND 72.1	113% 110% 1	28.6 11.4 28.6 28.6 57.2 22.9 114 57.2 28.6 114	80 - 120 % Sample ug/kg dry " " " " " " " "	" ed: 01/24 1x " " " " "	7020061		02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl eth Naphthalene 1,2,4-Trimethylben Isopropylbenzene n-Propylbenzene	Dibromofluorometho Toluene-d8 (PCSS1) her nzene	EPA 8260B	ND ND ND ND ND ND ND ND ND 10 ND 72.1	113% 110%	28.6 11.4 28.6 28.6 57.2 22.9 114 57.2 28.6 114	80 - 120 % Sample ug/kg dry " " " " " " "	" ed: 01/24	7020061		02/02/07 15:15	
PQA0759-02 1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl eth Naphthalene 1,2,4-Trimethylben Isopropylbenzene n-Propylbenzene	Dibromofluorometho Toluene-d8 (PCSS1) her nzene 4-BFB	EPA 8260B	ND ND ND ND ND ND ND ND ND 10 ND 72.1	113% 110% 110%	28.6 11.4 28.6 28.6 57.2 22.9 114 57.2 28.6 114	80 - 120 % Sample ug/kg dry " " " " " " " " 75 - 125 %	" ed: 01/24	7020061		02/02/07 15:15	

TestAmerica - Portland, OR

Ormell W. Amil

Darrell Auvil, Project Manager





Prepared

Analyzed

Notes



Method

Analyte

EnviroLogic Resources, Inc.

Project Name: Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant

MDL*

Result

 P.O. Box 80762
 Project Number:
 10077.015
 Report Created:

 Portland, OR 97280-0762
 Project Manager:
 Jason Howard
 02/07/07 08:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

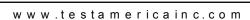
TestAmerica - Portland, OR

MRL Units

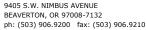
PQA0759-03	(PCSS2)		Soil	l		Sampl	ed: 01/24	/07 13:25			
1,2-Dibromoethane	;	EPA 8260B	ND		57.2	ug/kg dry	2x	7020061	01/25/07 13:40	02/06/07 14:03	
1,2-Dichloroethane		"	ND		57.2	"	"	"	"	"	
Benzene		"	ND		22.9	"	"	"	"	"	
Toluene		"	ND		57.2	"	"	"	"	"	
Ethylbenzene		"	891		57.2	"	"	"	"	"	
Xylenes (total)		"	2310		114	"	"	"	"	"	
Methyl tert-butyl et	ther	"	ND		45.7	"	"	"	"	"	
Naphthalene		"	2780		229	"	"	"	"	"	
1,2,4-Trimethylber	nzene	"	16700		114	"	"	"	"	"	
1,3,5-Trimethylber	nzene	"	4080		57.2	"	"	"	"	"	
sopropylbenzene		"	563		229	"	"	"	"	"	
n-Propylbenzene		"	1520		57.2	"	"	"	"	"	
Surrogate(s):	4-BFB			103%		75 - 125 %	0.02x			"	
	1,2-DCA-d4			78.6%		75 - 125 %	"			"	
						75 1350/	"			"	
	Dibromofluorometha	ine		78.2%		75 - 125 %					
	Dibromofluorometha Toluene-d8	ine		78.2% 96.9%		75 - 125 % 75 - 125 %	"			"	
PQA0759-04		ine	Soil	96.9%		75 - 125 %		/07 13:35		"	
1,2-Dibromoethane	Toluene-d8 (PCSS3)	EPA 8260B	ND	96.9%	27.8	75 - 125 % Sampl ug/kg dry		7020061	01/25/07 13:40	02/02/07 14:47	
1,2-Dibromoethane	Toluene-d8 (PCSS3)		ND ND	96.9%	27.8	75 - 125 % Sample ug/kg dry "	ed: 01/24	7020061	"	02/02/07 14:47	
1,2-Dibromoethane 1,2-Dichloroethane Benzene	Toluene-d8 (PCSS3)	EPA 8260B	ND ND ND	96.9%	27.8 11.1	75 - 125 % Sample ug/kg dry "	ed: 01/24	7020061	"		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Foluene	Toluene-d8 (PCSS3)	EPA 8260B	ND ND ND ND	96.9%	27.8 11.1 27.8	75 - 125 % Sample ug/kg dry " " "	ed: 01/24	7020061	" "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene	Toluene-d8 (PCSS3)	EPA 8260B	ND ND ND ND	96.9%	27.8 11.1 27.8 27.8	75 - 125 % Sample ug/kg dry " " "	ed: 01/24	7020061	" " "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total)	Toluene-d8 (PCSS3)	EPA 8260B	ND ND ND ND ND	96.9%	27.8 11.1 27.8 27.8 55.5	75 - 125 % Sample ug/kg dry " " " "	ed: 01/24	7020061	" "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl et	Toluene-d8 (PCSS3)	EPA 8260B	ND	96.9%	27.8 11.1 27.8 27.8 55.5 22.2	75 - 125 % Sample ug/kg dry " " " "	ed: 01/24	7020061	" " "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl et	Toluene-d8 (PCSS3)	EPA 8260B	ND	96.9%	27.8 11.1 27.8 27.8 55.5 22.2	75 - 125 % Sample ug/kg dry " " " " "	ed: 01/24	7020061	" " "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl et Naphthalene 1,2,4-Trimethylben:	Toluene-d8 (PCSS3)	EPA 8260B	ND N	96.9%	27.8 11.1 27.8 27.8 55.5 22.2 111 55.5	75 - 125 % Sample ug/kg dry " " " " "	ed: 01/24	7020061	" " "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl et Naphthalene 1,2,4-Trimethylben: 1,3,5-Trimethylben:	Toluene-d8 (PCSS3)	EPA 8260B	ND N	96.9%	27.8 11.1 27.8 27.8 55.5 22.2 111 55.5 27.8	75 - 125 % Sample ug/kg dry " " " " " " "	ed: 01/24	7020061	" " " " " " " " " "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl et Naphthalene 1,2,4-Trimethylben: 1,3,5-Trimethylben: Isopropylbenzene	Toluene-d8 (PCSS3)	EPA 8260B	ND N	96.9%	27.8 11.1 27.8 27.8 55.5 22.2 111 55.5 27.8	75 - 125 % Sample ug/kg dry " " " " " " "	1x " " " " " " " " " " " " " " " " " " "	7020061	" " " " " " " " " " " " " " "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl et Naphthalene 1,2,4-Trimethylben: 1,3,5-Trimethylben: Isopropylbenzene	Toluene-d8 (PCSS3)	EPA 8260B	ND N	96.9%	27.8 11.1 27.8 27.8 55.5 22.2 111 55.5 27.8	75 - 125 % Sample ug/kg dry " " " " " " "	ed: 01/24	7020061	" " " " " " " " " "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl et Naphthalene 1,2,4-Trimethylben: 1,3,5-Trimethylben: Isopropylbenzene	Toluene-d8 (PCSS3)	EPA 8260B	ND N	96.9%	27.8 11.1 27.8 27.8 55.5 22.2 111 55.5 27.8	75 - 125 % Sample ug/kg dry " " " " " " "	1x " " " " " " " " " " " " " " " " " " "	7020061	" " " " " " " " " " " " " " "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl et Naphthalene 1,2,4-Trimethylben: 1,3,5-Trimethylben: Isopropylbenzene n-Propylbenzene	Toluene-d8 (PCSS3) ther zene 4-BFB 1,2-DCA-d4	EPA 8260B	ND N	96.9%	27.8 11.1 27.8 27.8 55.5 22.2 111 55.5 27.8	75 - 125 % Sample ug/kg dry " " " " " "	Ix " " " " " " " " " " " " " " " " " " "	7020061	" " " " " " " " " " " " " " "		
1,2-Dibromoethane 1,2-Dichloroethane Benzene Toluene Ethylbenzene Xylenes (total) Methyl tert-butyl et Naphthalene 1,2,4-Trimethylben: 1,3,5-Trimethylben: Isopropylbenzene n-Propylbenzene	Toluene-d8 (PCSS3) ther zene 4-BFB	EPA 8260B	ND N	96.9%	27.8 11.1 27.8 27.8 55.5 22.2 111 55.5 27.8	75 - 125 % Sample ug/kg dry " " " " " " " " " " 75 - 125 %	Ix " " " " " " " " " " " " " " " " " " "	7020061	" " " " " " " " " " " " " " "		

TestAmerica - Portland, OR

Charle W. Amil









Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant EnviroLogic Resources, Inc. Project Name:

P.O. Box 80762 Project Number: 10077.015 Report Created: Portland, OR 97280-0762 Project Manager: Jason Howard 02/07/07 08:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B

TestAmerica - Portland, OR

Analyte	Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQA0759-05 (CSS4)		Soil	1		Sampl	led: 01/2	4/07 13:45		·	
1,2-Dibromoethane	EPA 8260B	ND		26.8	ug/kg dry	1x	7020061	01/25/07 13:40	02/02/07 14:20	
1,2-Dichloroethane	"	ND		26.8	"	"	"	"	"	
Benzene	"	ND		10.7	"	"	"	"	"	
Toluene	"	ND		26.8	"	"	"	"	"	
Ethylbenzene	"	ND		26.8	"	"	"	"	"	
Xylenes (total)	"	ND		53.6	"	"	"	"	"	
Methyl tert-butyl ether	"	ND		21.5	"	"	"	"	"	
Naphthalene	"	ND		107	"	"	"	"	"	
1,2,4-Trimethylbenzene	"	ND		53.6	"	"	"	"	"	
1,3,5-Trimethylbenzene	"	ND		26.8	"	"	"	"	"	
Isopropylbenzene	"	ND		107	"	"	"	"	"	
n-Propylbenzene	"	ND		26.8	"	"	"	"	"	
Surrogate(s): 4-BFB			91.6%		75 - 125 %	0.02x			"	
1,2-DCA-d4			82.8%		75 - 125 %	"			"	
Dibromofluoromethan	e		84.2%		75 - 125 %	"			"	
Toluene-d8			98.1%		75 - 125 %	"			"	

TestAmerica - Portland, OR





 P.O. Box 80762
 Project Number:
 10077.015
 Report Created:

 Portland, OR 97280-0762
 Project Manager:
 Jason Howard
 02/07/07 08:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte		Method	Result	MDL*	MRL U	nits	Dil	Batch	Prepared	Analyzed	Notes
PQA0759-02 (F	PCSS1)		Soi	l		Sample	d: 01/2	4/07 13:15			RL
Acenaphthene		EPA 8270m	ND		31.0 ug/	kg dry	2x	7010964	01/26/07 13:10	01/30/07 18:33	
Acenaphthylene		"	ND		31.0	"	"	"	"	"	
Anthracene		"	ND		31.0	"	"	"	"	"	
Benzo (a) anthracene		"	ND		31.0	"	"	"	"	"	
Benzo (a) pyrene		"	54.4		31.0	"	"	"	"	"	
Benzo (b) fluoranthe	ene	"	145		31.0	"	"	"	"	"	
Benzo (ghi) perylene		"	44.1		31.0	"	"	"	"	"	
Benzo (k) fluoranthe	ene	"	53.3		31.0	"	"	"	"	"	
Chrysene		"	70.3		31.0	"	"	"	"	"	
Dibenzo (a,h) anthrace	ene	"	ND		31.0	"	"	"	"	"	
Fluoranthene		"	54.9		31.0	"	"	"	"	n n	
Fluorene		"	ND		31.0	"	"	"	"	"	
Indeno (1,2,3-cd) pyr	rene	"	34.8		31.0	"	"	"		n n	
Naphthalene		"	35.2		31.0	"	"	"	"	"	
Phenanthrene		"	66.4		31.0	"	"	"	"	"	
Pyrene		"	136		31.0	"	"	"	"	"	
Surrogate(s):	Fluorene-d10			86.0%	24	- 125 %	"			"	
							,,			"	
0 ()				113%	41	- 141 %					
	Pyrene-d10			113% 82.0%		- 141 % - 143 %	"			"	
							"			"	
	Pyrene-d10		Soi	82.0%		- 143 %		4/07 13:25		"	RL
	Pyrene-d10 Benzo (a) pyrene-d12	EPA 8270m	Soi 180	82.0%	38	- 143 %		4/07 13:25 7010964	01/26/07 13:10	01/30/07 01:41	RL
PQA0759-03 (F	Pyrene-d10 Benzo (a) pyrene-d12	EPA 8270m		82.0% I	38	- 143 % Sample	d: 01/2		01/26/07 13:10	01/30/07 01:41	RL
PQA0759-03 (F	Pyrene-d10 Benzo (a) pyrene-d12	EPA 8270m "	180	82.0% I	38 154 ug/	- 143 % Sample	d: 01/2			01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2)	EPA 8270m " "	180 ND	82.0% I	154 ug/	Sampled	d: 01/2		" "	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2)	EPA 8270m " " "	180 ND ND	82.0% I	154 ug/ 154 154 154 154	Sampled xg dry	d: 01/2		"	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2)	EPA 8270m " " " "	180 ND ND ND	82.0%	154 ug/ 154 154 154	Samplee	d: 01/2		" "	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (a) pyrene Benzo (b) fluoranthen Benzo (ghi) perylene	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2)	EPA 8270m " " " " " "	ND ND ND ND ND ND ND	82.0% I	154 ug/ 154 154 154 154 154 154	- 143 % Sampled xg dry " " "	d: 01/2		" "	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (a) pyrene Benzo (b) fluoranthen	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2)	EPA 8270m " " " " " "	ND	82.0% I	154 ug/ 154 154 154 154 154 154 154 154	- 143 % Sampled sg dry " " " " " "	d: 01/2		" "	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (b) fluoranthen Benzo (ghi) perylene Benzo (k) fluoranthen Chrysene	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2)	EPA 8270m " " " " " " "	ND	82.0% I	154 ug/ 154 154 154 154 154 154 154 154	- 143 % Sampled sg dry " " " " " " "	d: 01/2		" "	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (b) fluoranthen Benzo (ghi) perylene Benzo (k) fluoranthen Chrysene Dibenzo (a,h) anthrace	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2)	EPA 8270m	ND	82.0% I	154 ug/ 154 154 154 154 154 154 154 154 154 154	- 143 % Sampled sg dry " " " " " " " " " " "	d: 01/2		" "	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (b) fluoranthen Benzo (ghi) perylene Benzo (k) fluoranthen Chrysene Dibenzo (a,h) anthrace Fluoranthene	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2)	EPA 8270m	ND N	82.0% I	154 ug/ 154 154 154 154 154 154 154 154 154 154	- 143 % Sampled gg dry " " " " " " " " " " " " " " " "	d: 01/2		" "	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (b) fluoranthen Benzo (ghi) perylene Benzo (k) fluoranthen Chrysene Dibenzo (a,h) anthrace Fluoranthene Fluorene	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2) ne	EPA 8270m	ND N	82.0% I	154 ug/ 154 154 154 154 154 154 154 154 154 154	- 143 % Sampled rg dry " " " " " " " " " " " " " " " " " "	d: 01/2		" "	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (b) fluoranthen Benzo (ghi) perylene Benzo (k) fluoranthen Chrysene Dibenzo (a,h) anthrace Fluoranthene Fluorene Indeno (1,2,3-cd) pyre	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2) ne	EPA 8270m	180 ND ND ND ND ND ND ND ND ND N	82.0% I	154 ug/ 154 154 154 154 154 154 154 154 154 154	- 143 % Sampled gg dry " " " " " " " " " " " " " " " "	d: 01/2		" "	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (b) fluoranthen Benzo (ghi) perylene Benzo (k) fluoranthen Chrysene Dibenzo (a,h) anthrace Fluoranthene Fluorene	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2) ne	EPA 8270m	180 ND	82.0%	154 ug/ 154 154 154 154 154 154 154 154 154 154	- 143 % Samplee cg dry " " " " " " " " " " " " "	d: 01/2			" " " " " " " " " " " " " " " " "	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (b) fluoranthen Benzo (ghi) perylene Benzo (k) fluoranthen Chrysene Dibenzo (a,h) anthrace Fluoranthene Fluorene Indeno (1,2,3-cd) pyre	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2) ne	EPA 8270m	180 ND ND ND ND ND ND ND ND ND N	82.0%	154 ug/ 154 154 154 154 154 154 154 154 154 154	- 143 % Sampled gg dry " " " " " " " " " " " " " " " "	d: 01/2		" "	01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (b) fluoranthen Benzo (ghi) perylene Benzo (k) fluoranthen Chrysene Dibenzo (a,h) anthrace Fluoranthene Fluorene Indeno (1,2,3-cd) pyre Naphthalene	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2) ne	EPA 8270m	180 ND	82.0%	154 ug/ 154 154 154 154 154 154 154 154 154 154	- 143 % Samplee cg dry " " " " " " " " " " " " "	d: 01/2			01/30/07 01:41	RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (b) fluoranthen Benzo (ghi) perylene Benzo (k) fluoranthen Chrysene Dibenzo (a,h) anthrace Fluorene Indeno (1,2,3-cd) pyre Naphthalene Phenanthrene Pyrene	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2) ne	EPA 8270m	180 ND	82.0%	154 ug/ 154 154 154 154 154 154 154 154 154 154	- 143 % Samplee cg dry "" "" "" "" "" "" "" "" "" "" "" "" "	d: 01/2				RL
PQA0759-03 (F Acenaphthene Acenaphthylene Anthracene Benzo (a) anthracene Benzo (b) fluoranthen Benzo (ghi) perylene Benzo (k) fluoranthen Chrysene Dibenzo (a,h) anthrace Fluorene Indeno (1,2,3-cd) pyre Naphthalene Phenanthrene Pyrene Surrogate(s):	Pyrene-d10 Benzo (a) pyrene-d12 PCSS2) ne ne ne ne ne ne ne	EPA 8270m	180 ND	82.0% I	154 ug/ 154 154 154 154 154 154 154 154 154 154	- 143 % Sampled gg dry " " " " " " " " " " " " " " " " " "	d: 01/2 10x " " " " " " " " " " " "				RL

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The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report shall not be reproduced except in full, without the written approval of the laboratory.

Darrell Auvil, Project Manager





Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant EnviroLogic Resources, Inc. Project Name:

Report Created: P.O. Box 80762 Project Number: 10077.015 Portland, OR 97280-0762 Project Manager: Jason Howard 02/07/07 08:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM

TestAmerica - Portland, OR

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQA0759-04	(PCSS3)		Soi	1		Sampl	ed: 01/2	4/07 13:35			
Acenaphthene		EPA 8270m	ND		15.3	ug/kg dry	1x	7010964	01/26/07 13:10	01/30/07 02:10	
Acenaphthylene		"	ND		15.3	"	"	"	"	"	
Anthracene		"	ND		15.3	"	"	"	"	"	
Benzo (a) anthracen	ne	"	ND		15.3	"	"	"	"	"	
Benzo (a) pyrene		"	ND		15.3	"	"	"	"	"	
Benzo (b) fluoranth	ene	"	ND		15.3	"	"	"	"	"	
Benzo (ghi) perylen	ne	"	ND		15.3	"	"	"	"	"	
Benzo (k) fluoranth	ene	"	ND		15.3	"	"	"	"	"	
Chrysene		"	ND		15.3	"	"	"	"	"	
Dibenzo (a,h) anthra	acene	"	ND		15.3	"	"	"	"	"	
Fluoranthene		"	ND		15.3	"	"	"	"	"	
Fluorene		"	ND		15.3	"	"	"	"	"	
Indeno (1,2,3-cd) py	yrene	"	ND		15.3	"	"	"	"	"	
Naphthalene		"	ND		15.3	"	"	"	"	"	
Phenanthrene		"	ND		15.3	"	"	"	"	"	
Pyrene		"	ND		15.3	"	"	"	"	"	
Surrogate(s):	Fluorene-d10			79.5%		24 - 125 %	"			"	
0 ()	Pyrene-d10			103%		41 - 141 %	"			"	
	Benzo (a) pyrene-d12			98.3%		38 - 143 %	"			"	
			0.1			6 1	1 01/2	4/05 12 45			
	(CSS4)		Soi					4/07 13:45			
Acenaphthene		EPA 8270m	ND		14.9	ug/kg dry	1x	7010964	01/26/07 13:10	01/30/07 02:39	
Acenaphthylene			ND		14.9		,,				
Anthracene			ND		14.9 14.9	,,	,,	.,			
Benzo (a) anthracen	ie .		ND		14.9	,	,,	,	,		
Benzo (a) pyrene	-	,	ND		14.9	,,	,,	,	"		
Benzo (b) fluorant			25.9			,,			,,		
Benzo (ghi) perylei			19.5		14.9						
Benzo (k) fluoranth	ene		ND		14.9	,,					
Chrysene		,,	22.2		14.9		,,				
Dibenzo (a,h) anthra	acene	"	ND		14.9		"	"	"	"	
Fluoranthene		"	77.1		14.9	"	"	"	"	"	
Fluorene		"	ND		14.9	"	"	"	"	"	
Indeno (1,2,3-cd) py	yrene	"	ND		14.9	"	"	"	"	"	
Naphthalene		"	ND		14.9	"	"	"	"	"	
Phenanthrene		"	46.3		14.9	"	"	"	"	"	
Pyrene		"	52.5		14.9	"	"	"	"	"	
Surrogate(s):	Fluorene-d10		<u> </u>	87.5%		24 - 125 %	"			"	
	Pyrene-d10			108%		41 - 141 %	"			"	
	Benzo (a) pyrene-d12			103%		38 - 143 %	"			"	

TestAmerica - Portland, OR





9405 S.W. NIMBUS AVENUE BEAVERTON, OR 97008-7132 ph: (503) 906.9200 fax: (503) 906.9210



EnviroLogic Resources, Inc.

Project Name: Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant

 P.O. Box 80762
 Project Number:
 10077.015
 Report Created:

 Portland, OR 97280-0762
 Project Manager:
 Jason Howard
 02/07/07 08:14

Percent Dry Weight (Solids) per Standard Methods

TestAmerica - Portland, OR

Analyte		Method	Result	MDL*	MRL	Units	Dil	Batch	Prepared	Analyzed	Notes
PQA0759-02	(PCSS1)		Soil			Samp	oled: 01/2	24/07 13:15			
% Solids		NCA SOP	85.7		0.00	% by Weight	1x	7010914	01/25/07 09:11	01/26/07 16:06	
PQA0759-03	(PCSS2)		Soil			Samı	pled: 01/2	24/07 13:25			
% Solids		NCA SOP	86.6		0.00	% by Weight	1x	7010914	01/25/07 09:11	01/26/07 16:06	
PQA0759-04	(PCSS3)		Soil			Samı	pled: 01/2	24/07 13:35			
% Solids		NCA SOP	86.9		0.00	% by Weight	1x	7010914	01/25/07 09:11	01/26/07 16:06	
PQA0759-05	(CSS4)		Soil			Samı	pled: 01/2	24/07 13:45			
% Solids		NCA SOP	89.7		0.00	% by Weight	1x	7010914	01/25/07 09:11	01/26/07 16:06	

TestAmerica - Portland, OR

Darrell Auvil, Project Manager





9405 S.W. NIMBUS AVENUE BEAVERTON, OR 97008-7132 ph: (503) 906.9200 fax: (503) 906.9210



Analyte

Blank (7010942-BLK1)

Surrogate(s): a,a,a-TFT

Gasoline Range Hydrocarbons

Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant EnviroLogic Resources, Inc. Project Name:

P.O. Box 80762 10077.015 Report Created: Project Number: Portland, OR 97280-0762 Project Manager: Jason Howard 02/07/07 08:14

Gasoline Hydrocarbons per NW TPH-Gx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR QC Batch: 7010942 **Soil Preparation Method:** EPA 5035 Modified Spike % (Limits) % RPD Source Method Result MDL* MRL Units Dil (Limits) Analyzed Extracted: 01/25/07 14:45 NW TPH-Gx ND 1.98 mg/kg wet 01/25/07 17:12 1x 01/25/07 17:12 Limits: 50-150% Recovery: 106%

LCS (7010942-BS2) Extracted: 01/25/07 14:45									
Gasoline Range Hydrocarbons	NW TPH-Gx	22.7		3.94 mg/kg wet	1x		24.7 91.9% (70-130) 01/25/07 16:08		
Surrogate(s): a,a,a-TFT		Recovery:	121%	Limits: 50-150%	"		01/25/07 16:08		

Duplicate (7010942-DUP1)				QC Source: PQA0710-0	1		Extra	acted:	01/25/07 1	4:45		
Gasoline Range Hydrocarbons	NW TPH-Gx	202		4.28 mg/kg dry	1x	201				0.496% (40)	01/27/07 05:11	
Surrogate(s): a,a,a-TFT		Recovery:	267%	Limits: 50-150%	"						01/27/07 05:11	ZX

Matrix Spike (7010942-MS2)				QC Source: PQA0759-0	2		Extracted: 01/25/07 14:45	
Gasoline Range Hydrocarbons	NW TPH-Gx	82.0		4.55 mg/kg dry	1x	54.7	28.4 96.1% (65-130)	01/30/07 17:10
Surrogate(s): a,a,a-TFT		Recovery: 9	98.9%	Limits: 50-150%	"			01/30/07 17:10

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EnviroLogic Resources, Inc.

Project Name: Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant

 P.O. Box 80762
 Project Number:
 10077.015
 Report Created:

 Portland, OR 97280-0762
 Project Manager:
 Jason Howard
 02/07/07 08:14

Diesel and Heavy Range Hydrocarbons per NWTPH-Dx Method - Laboratory Quality Control Results

TestAmerica - Portland, OR

					,									
QC Batch: 7010975	Soil Pre	paration N	lethod: E	PA 3550 Fu	iels									
Analyte	Method	Result	MDL	* MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Blank (7010975-BLK1)								Extr	acted:	01/26/07 13	:15			
Diesel Range Organics	NWTPH-Dx	ND		12.5	mg/kg wet	1x							01/26/07 18:28	
Heavy Oil Range Hydrocarbons	"	ND		25.0	"	"							"	
Surrogate(s): 1-Chlorooctadecane		Recovery:	94.8%	1	Limits: 50-150%	ó "							01/26/07 18:28	
LCS (7010975-BS1)								Extr	acted:	01/26/07 13	:15			
Diesel Range Organics	NWTPH-Dx	133		12.5	mg/kg wet	1x		128	104%	(50-150)			01/26/07 19:01	
Heavy Oil Range Hydrocarbons	"	74.4		25.0	"	"		76.0	97.9%	"			"	
Surrogate(s): 1-Chlorooctadecane		Recovery:	103%	I	Limits: 50-150%	6 "							01/26/07 19:01	
Duplicate (7010975-DUP1)				QC Source	e: PQA0579-0)1		Extr	acted:	01/26/07 13	:15			
Diesel Range Organics	NWTPH-Dx	150		14.5	mg/kg dry	1x	153				1.98%	(50)	01/26/07 19:33	
Heavy Oil Range Hydrocarbons	"	392		29.1	"	"	380				3.11%	"	"	
Surrogate(s): 1-Chlorooctadecane		Recovery:	115%	1	Limits: 50-150%	6 "							01/26/07 19:33	
Duplicate (7010975-DUP2)				QC Source	e: PQA0818-0)1		Extr	acted:	01/26/07 16	:00			
Diesel Range Organics	NWTPH-Dx	992		16.2	mg/kg dry	1x	937		-		5.70%	(50)	01/27/07 03:36	
Heavy Oil Range Hydrocarbons	"	ND		32.4	"	"	ND				0.623%	ő "	"	
Surrogate(s): 1-Chlorooctadecane		Recovery:	123%	1	imits: 50-150%	6 "							01/27/07 03:36	

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Darrell Auvil, Project Manager





Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant EnviroLogic Resources, Inc. Project Name:

P.O. Box 80762 Project Number: 10077.015 Report Created: Portland, OR 97280-0762 Project Manager: Jason Howard 02/07/07 08:14

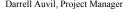
Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch	h: 7010960	Water 1	Preparation	Method:	EPA 5030	В									
Analyte		Method	Result	MI	DL* MRI	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (701096	60-BLK1)								Extr	acted:	01/26/07 08	:10			
1,2-Dibromoethane		EPA 8260B	ND		0.500	ug/l	1x						(01/26/07 10:24	
1,2-Dichloroethane		"	ND		0.500	"	"							"	
Benzene		"	ND		0.200	"	"							"	
Toluene		"	ND		0.500	"	"								
Ethylbenzene		"	ND		0.500	"	"								
Xylenes (total)		"	ND		1.00	"	"							"	
Methyl tert-butyl ethe	er	"	ND		2.00	"	"								
Naphthalene		"	ND		2.00	"	"								
1,2,4-Trimethylbenze	ene	"	ND		1.00	"								"	
1,3,5-Trimethylbenze		"	ND		0.500	"								"	
Isopropylbenzene		"	ND		2.00	"								"	
n-Propylbenzene		•	ND		0.500	"									
Surrogate(s):	4-BFB			90.5%		Limits: 80-120%	,,							01/26/07 10:24	
surrogate(s).	1,2-DCA-d4		Recovery:	104%	1	80-120% 80-120%								"	
	Dibromofluoromethane			101%		80-120%								"	
	Toluene-d8			96.5%		80-120%								"	
LCS (7010960	-BS1)								Extr	acted:	01/26/07 08	:10			
Benzene		EPA 8260B	20.7		0.200	ug/l	1x		20.0	104%	(80-120)		(01/26/07 08:36	
Toluene		"	21.2		0.500	"	"		"	106%	(80-124)				
Ethylbenzene		"	20.3		0.500	"	"		"	102%	(80-120)			"	
Xylenes (total)		"	62.9		1.00	"	"		60.0	105%	(73-124)			"	
Methyl tert-butyl ethe	er	"	23.3		2.00	"	"		20.0	116%	(80-129)				
Naphthalene		"	23.5		2.00	"	"		"	118%	(72-149)			"	
Surrogate(s):	4-BFB		Recovery:	99.0%	1	Limits: 80-120%	"							01/26/07 08:36	
0 ,,	1,2-DCA-d4		,	112%		80-120%	"							"	
	Dibromofluoromethane			111%		80-120%	"							"	
	Toluene-d8			106%		80-120%	"							"	
Matrix Spike ((7010960-MS1)				OC Source	e: PQA0748-01	l.		Extr	acted:	01/26/07 08	:10			
Benzene	()	EPA 8260B	18.8		0.200	ug/l	1x	ND	20.0	94.0%			(01/26/07 09:03	
Toluene		"	18.8		0.500	"	"	ND	"	94.0%	` ′			"	
Ethylbenzene		,,	17.9		0.500	"	,,	ND	,,	89.5%	(80-124)			,,	
Xylenes (total)		"	55.8		1.00	"		ND	60.0	93.0%	(44.6-154)			"	
Methyl tert-butyl eth	or	"	20.7		2.00	"		ND ND	20.0	104%	(80-130)			"	
	C1	,,	20.7		2.00	,,	,,	ND ND	20.0	104%	(69-163)			,	
Naphthalene								ND		104%	(09-103)				
Surrogate(s):	4-BFB		Recovery:	94.0%	1	Limits: 80-120%	"							01/26/07 09:03	
	1,2-DCA-d4			106%		80-120%	"							"	
	Dibromofluoromethane			108%		80-120%	,,							"	

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Darrell Auvil, Project Manager







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 Jason Howard
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Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7010960	Water I	Preparation	Method: I	EPA 5030B	!									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Matrix Spike Dup (7010960-M	SD1)			QC Source:	PQA0748-01			Ext	racted:	01/26/07 08:	:10			
Benzene	EPA 8260B	18.4		0.200	ug/l	1x	ND	20.0	92.0%	(80-124)	2.15%	(25)	01/26/07 09:30	
Toluene	"	18.6		0.500	"	"	ND	"	93.0%	(79.7-131)	1.07%	, "	"	
Ethylbenzene	"	17.6		0.500	"	"	ND	"	88.0%	(80-124)	1.69%	, "	"	
Xylenes (total)	"	54.2		1.00	"	"	ND	60.0	90.3%	(44.6-154)	2.91%	, "	"	
Methyl tert-butyl ether	"	20.5		2.00	"	"	ND	20.0	102%	(80-130)	0.971%	6 "	"	
Naphthalene	"	20.2		2.00	"	"	ND	"	101%	(69-163)	2.44%	, "	"	
Surrogate(s): 4-BFB		Recovery:	96.5%	Lii	nits: 80-120%	"							01/26/07 09:30	
1,2-DCA-d4			107%		80-120%	"							"	
Dibromofluorometha	1е		108%		80-120%	"							"	
Toluene-d8			101%		80-120%	"							"	

QC Batch: 7020061	Soil Pre	paration M	ethod: EPA	5035 Mo	dified									
Analyte	Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (7020061-BLK1)								Extr	acted:	02/02/07 08	:30			
1,2-Dibromoethane	EPA 8260B	ND		24.8	ug/kg wet	1x							02/02/07 12:02	
1,2-Dichloroethane	"	ND		24.8	"	"							"	
Benzene	"	ND		9.93	"	"							"	
Toluene	"	ND		24.8	"	"							"	
Ethylbenzene	"	ND		24.8	"	"							"	
Xylenes (total)	"	ND		49.7	"	"							"	
Methyl tert-butyl ether	"	ND		19.9	"	"							"	
Naphthalene	"	ND		99.3	"	"							"	
1,2,4-Trimethylbenzene	"	ND		49.7	"	"							"	
1,3,5-Trimethylbenzene	"	ND		24.8	"	"							"	
Isopropylbenzene	"	ND		99.3	"	"							"	
n-Propylbenzene	"	ND		24.8	"	"							"	
Surrogate(s): 4-BFB		Recovery:	94.0%	Lii	nits: 75-125%	0.02x							02/02/07 12:02	?
1,2-DCA-d4			77.9%		75-125%	ó "							"	
Dibromofluoromethane			75.9%		75-125%	ó "							"	
Toluene-d8			99.0%		75-125%	ó "							"	

TestAmerica - Portland, OR

Darrell Auvil, Project Manager





Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant EnviroLogic Resources, Inc. Project Name:

P.O. Box 80762 Project Number: 10077.015 Report Created: Portland, OR 97280-0762 Project Manager: Jason Howard 02/07/07 08:14

Selected Volatile Organic Compounds (Including BTEX) per EPA Method 8260B - Laboratory Quality Control Results

TestAmerica - Portland, OR

Analyte	h: 7020061	Method	Result	1ethod: EPA MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
LCS (7020061	I-BS1)							resure			02/02/07 08				
Benzene		EPA 8260B	968		9.93	ug/kg wet	1x		993	97.5%	(81.8-125)			02/02/07 09:45	
Toluene		"	934		24.8	"	"		"	94.1%	, ,			"	
Ethylbenzene		"	1040		24.8	"	"		"	105%	(80-120)			"	
Xylenes (total)		"	3070		49.7	"	"		2980	103%	(70-130)			"	
Methyl tert-butyl eth	ner	"	825		19.9	"	"		993	83.1%	(80-128)			"	
Naphthalene		"	962		99.3	"	"		"	96.9%	(76.1-153)			"	
Surrogate(s):	4-BFB		Recovery:	99.0%	L	imits: 75-125%	0.02x							02/02/07 09:45	
0 ()	1,2-DCA-d4		ĺ	88.4%		75-125%	"							"	
	Dibromofluoromethane			93.0%		75-125%	"							"	
	Toluene-d8			96.0%		75-125%	"							"	
Matrix Spike	(7020061-MS1)				QC Source	e: PQA0780-01			Extr	acted:	01/25/07 13	:40			
Benzene	(1.020002	EPA 8260B	1090		10.9	ug/kg dry	1x	ND	1090	100%	(68.5-125)			02/02/07 10:13	
Toluene		"	1070		27.2	"	"	ND	"	98.2%	(70.3-125)			"	
Ethylbenzene		"	1240		27.2	"	"	8.15	"	113%	(80-124)			"	
Xylenes (total)		"	3660		54.3	"	"	14.7	3260	112%	(70-130)			"	
Methyl tert-butyl eth	ner	"	867		21.7	"	"	9.78	1090	78.6%	(80-130)			"	N
Naphthalene		"	1070		109	"	"	8.15	"	97.4%	(69-163)			"	
Surrogate(s):	4-BFB		Recovery:	98.6%	L	imits: 75-125%	0.02x							02/02/07 10:13	
0 17	1,2-DCA-d4			84.8%		75-125%	"							"	
	Dibrom of luoromethane			89.9%		75-125%	"							"	
	Toluene-d8			94.9%		75-125%	"							"	
Matrix Spike I	Oup (7020061-MSD	1)			QC Source	e: PQA0780-01			Extr	acted:	01/25/07 13	:40			
Benzene		EPA 8260B	1080		10.9	ug/kg dry	1x	ND	1090	99.1%	(68.5-125)	0.922	% (25)	02/02/07 10:40	
Toluene		"	1100		27.2	"	"	ND	"	101%	(70.3-125)	2.76%	/ ₀ "	"	
Ethylbenzene		"	1240		27.2	"	"	8.15	"	113%	(80-124)	0.00%	/ ₀ "	"	
Xylenes (total)		"	3690		54.3	"	"	14.7	3260	113%	(70-130)	0.816	% "	"	
Methyl tert-butyl eth	ner	"	807		21.7	"	"	9.78	1090	73.1%	(80-130)	7.17%	/ ₀ "	"	N
Naphthalene		"	1080		109	"	"	8.15	"	98.3%	(69-163)	0.930	% "	"	
Surrogate(s):	4-BFB		Recovery:	98.2%	L	imits: 75-125%	0.02x							02/02/07 10:40	
	1,2-DCA-d4			79.7%		75-125%	"							"	
	Dibrom of luoromethane			88.5%		75-125%								"	
	Toluene-d8			97.7%		75-125%	"							"	

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Darrell Auvil, Project Manager





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 02/07/07 08:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batc	h: 7010964	Soil Pre	paration N	Iethod: I	EPA 3550										
Analyte		Method	Result	MD	L* MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits)	Analyzed	Notes
Blank (701096	64-BLK1)								Extr	acted:	01/26/07 13	3:10			
Acenaphthene		EPA 8270m	ND		13.4	ug/kg wet	1x						(01/29/07 22:21	
Acenaphthylene		"	ND		13.4	"	"							"	
Anthracene		"	ND		13.4	"	"							"	
Benzo (a) anthracene	e	"	ND		13.4	"	"							"	
Benzo (a) pyrene		"	ND		13.4	"	"							"	
Benzo (b) fluoranthe	ene	"	ND		13.4	"	"							"	
Benzo (ghi) perylene	•	"	ND		13.4	"	"							"	
Benzo (k) fluoranthe	ene	"	ND		13.4	"	"							"	
Chrysene		"	ND		13.4	"	"							"	
Dibenzo (a,h) anthra	cene	"	ND		13.4	"	"							"	
Fluoranthene		"	ND		13.4	"	"							"	
Fluorene		"	ND		13.4	"	"							"	
Indeno (1,2,3-cd) py	rene	"	ND		13.4	"	"							"	
Naphthalene		"	ND		13.4	"	"							"	
Phenanthrene		"	ND		13.4	"	"							"	
Pyrene		"	ND		13.4	"	"							"	
Surrogate(s):	Fluorene-d10		Recovery:	54.5%	I	imits: 24-125	% "							01/29/07 22:21	
~ • g• (×)·	Pyrene-d10		,-	113%		41-14								"	
	Benzo (a) pyrene-d12			100%		38-14	3% "							"	
LCS (7010964	LRS1)								Extr	acted:	01/26/07 13	S:10			
Acenaphthene	F-DS1)	EPA 8270m	147		13.4	ug/kg wet	1x		166	88.6%	(33-139)		(01/29/07 22:49	
Benzo (a) pyrene		"	172		13.4	"	"		"	104%	(45-149)	_		"	
Pyrene		,,	182		13.4	,,	,,		,,	110%	(39-138)			,,	
<u> </u>							:0/ "			11070	(37-138)				
Surrogate(s):	Fluorene-d10 Pvrene-d10		Recovery:	64.3% 110%	L	imits: 24-125	//0							01/29/07 22:49	
	Benzo (a) pyrene-d12			10%		41-14. 38-14.								"	
	Benzo (a) pyrene arz			10070		30 14.	370								
Matrix Spike	(7010964-MS1)				QC Sourc	e: PQA0634	-01		Extr	acted:	01/26/07 13	3:10			RL
Acenaphthene		EPA 8270m	228		196	ug/kg dry	5x	ND	195	117%	(33-139)		(01/31/07 16:02	
Benzo (a) pyrene		"	523		196	"	"	282	"	124%	(45-149)			"	
Pyrene		"	500		196	"	"	360	"	71.8%	(39-138)			"	
Surrogate(s):	Fluorene-d10		Recovery:	109%	L	imits: 24-125	% "							01/31/07 16:02	
0 ()	Pyrene-d10		,	119%		41-14								"	
	Benzo (a) pyrene-d12			127%		38-14.	3% "							"	

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Darrell Auvil, Project Manager





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EnviroLogic Resources, Inc.

Project Name: Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant

 P.O. Box 80762
 Project Number:
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 Portland, OR 97280-0762
 Project Manager:
 Jason Howard
 02/07/07 08:14

Polynuclear Aromatic Compounds per EPA 8270M-SIM - Laboratory Quality Control Results

TestAmerica - Portland, OR

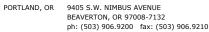
QC Batch: 7010964 Soil Preparation Method: EPA 3550

Analyte		Method	Result	MDL*	MRL	Units	Dil	Source Result	Spike Amt	% REC	(Limits)	% RPD	(Limits) Analyzed	Notes
Matrix Spike I	Oup (7010964-MSL	D 1)			QC Source	: PQA0634-0	1		Ext	racted:	01/26/07 13	:10			RL3
Acenaphthene		EPA 8270m	221		199	ug/kg dry	5x	ND	198	112%	(33-139)	3.12%	(60)	01/31/07 16:38	
Benzo (a) pyrene		"	498		199	"	"	282	"	109%	(45-149)	4.90%	6 "	"	
Pyrene		"	470		199	"	"	360	"	55.6%	(39-138)	6.19%	/o "	"	
Surrogate(s):	Fluorene-d10		Recovery:	104%	Li	mits: 24-125%	"							01/31/07 16:38	
	Pyrene-d10			109%		41-1419	ó "							"	
	Benzo (a) pyrene-d12			122%		38-1439	<i>"</i>							"	

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Darrell Auvil, Project Manage







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 Project Number:
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 Jason Howard
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Percent Dry Weight (Solids) per Standard Methods - Laboratory Quality Control Results

TestAmerica - Portland, OR

QC Batch: 7010914 Soil Preparation Method: Dry Weight

Analyte Method Result MDL* MRL Units Dil Source Spike % (Limits) % (Limits) Analyzed Notes Result Amt REC

 Duplicate
 (7010914-DUP1)
 QC Source:
 PQA0745-16
 Extracted:
 01/25/07 09:11

% Solids NCA SOP 53.7 --- 0.00 % by Weight 1x 54.0 -- -- 0.557% (20) 01/26/07 16:06

TestAmerica - Portland, OR

Darrell Auvil, Project Manager





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Astoria Area Wide/MOBIL-Niemi Oil Bulk Plant EnviroLogic Resources, Inc. Project Name:

10077 015 P.O. Box 80762 Project Number: Report Created: 02/07/07 08:14 Portland, OR 97280-0762 Project Manager: Jason Howard

Notes and Definitions

Report Specific Notes:

M8 The MS and/or MSD were below the acceptance limits. See Blank Spike (LCS).

Hydrocarbon pattern most closely resembles a blend of weathered diesel as well as oil range overlap. Q10

Reporting limit raised due to high concentrations of non-target analytes. RL3

ZXDue to sample matrix effects, the surrogate recovery was outside the acceptance limits.

Laboratory Reporting Conventions:

DET Analyte DETECTED at or above the Reporting Limit. Qualitative Analyses only.

ND Analyte NOT DETECTED at or above the reporting limit (MDL or MRL, as appropriate).

NR/NA _ Not Reported / Not Available

dry Sample results reported on a Dry Weight Basis. Results and Reporting Limits have been corrected for Percent Dry Weight.

Sample results and reporting limits reported on a Wet Weight Basis (as received). Results with neither 'wet' nor 'dry' are reported wet

on a Wet Weight Basis.

RPD RELATIVE PERCENT DIFFERENCE (RPDs calculated using Results, not Percent Recoveries).

MRL METHOD REPORTING LIMIT. Reporting Level at, or above, the lowest level standard of the Calibration Table.

MDL* METHOD DETECTION LIMIT. Reporting Level at, or above, the statistically derived limit based on 40CFR, Part 136, Appendix B. *MDLs are listed on the report only if the data has been evaluated below the MRL. Results between the MDL and MRL are reported

as Estimated Results.

Dil Dilutions are calculated based on deviations from the standard dilution performed for an analysis, and may not represent the dilution

found on the analytical raw data.

Reporting -Reporting limits (MDLs and MRLs) are adjusted based on variations in sample preparation amounts, analytical dilutions and Limits

percent solids, where applicable.

Electronic Signature added in accordance with TestAmerica's Electronic Reporting and Electronic Signatures Policy. Electronic Signature

Application of electronic signature indicates that the report has been reviewed and approved for release by the laboratory.

Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

TestAmerica - Portland, OR

and W. Amil



Test/America

11720 North Creek Pkwy N Suite 400, Bothell, WA 98011-8244

11922 E. First Ave, Spokane, WA 99206-5302

425-420-9200 FAX 420-9210 509-924-9200 FAX 924-9290

9405 SW Nimbus Ave, Beaverton, OR 97008-7145

503-906-9200 FAX 906-9210 907-563-9200 FAX 563-9210

2000 W International Airport Rd Ste A10, Anchorage, AK 99502-1119

Work Order #: CHAIN OF CUSTODY REPORT INVOICE TO: ENVIROLOGIC RES Eprino Logic Resources TURNAROUND REQUEST CLIENT: in Business Days * REPORT TO: Portland, OR 97780 Organic & Inorganic Analyses ADDRESS: Portland, OR 97202 PHONE: 503-768-SIZAX: CR. 5127 TOTAL CALABORSUE h Zego BPO. NUMBER:
PROJECT NAME: AAW FMNBP IRAM Petroleum Hydrocarbon Analyses PRESERVATIVE PROJECT NUMBER: 10077.015 REQUESTED ANALYSES OTHER Specify: Turnaround Requests less than standard may incur Rush Charges SAMPLED BY: JASON HOWARD MATRIX # OF LOCATION / CLIENT SAMPLE SAMPLING CONT. COMMENTS WO ID (W, S, O)DATE/TIME IDENTIFICATION 1:10P W Leachate 1:15P 9 PCSSI S PCS52 1:257 S PC 55 3 5 CS54 RECEIVED BY: RELEASED BY ARD FIRM: ENV. DOLOGIC RES PRINT NAME PRINT NAME: DATE: RECEIVED BY RELEASED BY: PRINT NAME FIRM: TIME: PRINT NAME: FIRM TIME TEMP: ADDITIONAL REMARKS PAGE COC REV 05/2006

Note: By relinquishing samples to TestAmerica, client agrees to pay for the services requested on this chain of custody form and for any additional analyses performed on this project. Payment for services is due within 30 days from the date of invoice unless otherwise contracted. Sample(s) will be disposed of after 30 days unless otherwise contracted.

TEST AMERICA SAMPLE RECEIPT CHECKLIST

Received By: (applies to temp at receipt)	Logged-in By:	Unpacked/Labeled By	r: Cooler ID: (of
Date: (-244)	Date: 1/25	Date: 1/25	Work Optier No. 10 A0 59
Time: 14.25	Initials:	Initials:	Client: (1)((1)(\infty))
Initials:			Project: AAM
	200.0		
Container Type:	COC Se	- 	Packing Material
Cooler	Ship. Container	•	Bubble Bags Styrofoam
Box	On Bottles	Date	Foam Packs
None/Other		one	one/Other Other
Refrigerant:			Received Via: Bill#
Gel Ice Pack	No	one	Fed Ex
Loose Ice			UPS NCA Courier
None/Other			DHL Mid Valley
	ورواح المن		Senvoy TDP
	57		GS Other
Cooler Temperature (IR	C Plastic Glas (circle one)	ss (Frozen filters, Tedl	ars and aqueous Metals exempt)
Temperature Blank?	°C of NA	Trip Blank?	Y or N or NA
Sample Containers:		The blank?	T OF IN OF INA
Intact?	ID ID	Matala D	ID.
Provided by NCA?	Y br N		
Correct Type?		Client QAPP Pres	
• •	11	(for tests requested)	
#Containers match COC	<i>U</i>		adspace? Y or N or NA)
IDs/time/date match CO			
Hold Times in hold?	y or N		
PROJECT MANAGEME	ENT		
Is the Chain of Custody	complete?		Y or N If N, circle the items that were incomplete
Comments, Problems			
, , , , , , , , , , , , , , , , , , , ,			
19,41			
Water Marie Control of the Control o			
Total access set up? Has client been contacted regarders.	arding non-conformances?		Y or N
PM Initials:		ma:	Y or N If Y, / Date Time
i ivi fillicaio.	. Daie, 11	me:	

APPENDIX B COPIES OF WASTE DISPOSAL DOCUMENTS

WASTE MANAGEMENT, INC....NON HAZARDOUS WASTE DISPOSAL SOLUTIONS FOR THE PACIFIC NORTHWEST.

Hillsboro Landfill, Inc. 3205 SE MONTER BRIDGE ROAD HILLSBORO, OR 97123

PERMIT # 9862

PERMIT TO DISPOSE OF NON-HAZARDOUS MATERIALS

This permit authorizes disposed of Customer's waste materials in accordance with the Industrial Waste & Disposal Services Agreement dated 2/04

CENERATOR WOOD BOOK		EXPIRES: 5/13/
GENERATOR: WIDE PRP GRO	UP	
DESCRIPTION:PCS - DIESEL	TO	NS:500
SPECIAL WASTE ⊠CS □C&D □CLE	AN-UP	149:300
LOCATION: ASTORIA, OREGON	COL	V
PORT OF ASTORIA	- Recth	INTY: * Classop - not in
CONTACT: KEN PARTRIDGE	PRO	NE: 360-423-6316
	FAX	360-423-3409
BILLING: Landy H MODERNE COWLITZ CLEAN SWEEP	O#: N/A	JOB#: N/A
We accept business checks, cash, VISA/Mastercur	d or charge(with	prior approval)
SPECIAL HANDLING: NONE:		
MOK		
		TyT
*0		
PPROVED: REISTIN CASTNER D	ATE: 02/13/ 0	7 1:17:22 PM
A COPY OF THIS PERMIT MUST BE SI		
THERE IS A MINIMUM CHARGE OF \$56-560 FOR EAC	TOWN BY L	EACH DRIVER
	$\sqrt{\Lambda}$	

WASTE MANAGEMENT

HAZARDOUS WASTE IS STRICTLY PROHIBITED

Enviro Logic Resources Job #970004

CCS			
Ticket #1053670	4/12/07	38.31 Tons	\$960.28
Ticket #1053799	4/13/07	32.19 Tons	\$807.52
Ticket #1053948	4/13/07	29.38 Tons	<u>\$737.37</u>
		99.88 Tons	\$2,505.17
Wilkins and C	Construction	l	
Ticket #1053661	4/12/07	20.73 Tons	\$521.46
Ticket #1053662	4/12/07	21.52 Tons	\$541.18
Ticket #1053672	4/12/07	32.72 Tons	\$820.75
Ticket #1053790	4/13/07	30.99 Tons	\$777.57
Ticket #1053792	4/13/07	21.60 Tons	\$543.17
Ticket #1053793	4/13/07	23.01 Tons	\$578.37
Ticket #1053932	4/13/07	27.95 Tons	\$701.68
Ticket #1053942	4/13/07	17.90 Tons	\$450.82
Ticket #1054009	4/13/07	19.86 Tons	\$499.74
Ticket #1054458	4/16/07	<u>30.21 Tons</u>	<u>\$758.09</u>
		246.49 Tons	\$6,192.83
Lindstrom and	d Son		
	*	22 12 Tour	\$806.02
Ticket #1053781	4/13/07	32.13 Tons	\$783.05
Ticket #1053782	4/13/07	31.21 Tons	
Ticket #1053794	4/13/07	28.81 Tons	\$723.14
Ticket #1053899	4/13/07	23.54 Tons	\$591.60
Ticket #1053901	4/13/07	23.37 Tons	\$587.35 \$580.36
Ticket #1053933	4/13/07	23.09 Tons	·
Ticket #1054092	4/14/07	27.47 Tons	\$689.69
Ticket #1054274	4/16/07	25.84 Tons	\$649.01 \$698.69
Ticket #1054275	4/16/07	27.83 Tons	·
Ticket #1054276	4/16/07	28.13 Tons	\$706.17
		271.42 Tons	\$6,815.08
Grand Total		617.79 Tons	\$15,513.08



55 International Way Longview, WA 98632 Office: (360) 423-6316 Fax: (360) 423-3409 24-Hours: 1-888-423-6316

B.O.L. / FREIGHT BILL

Enviro logic	Resources	DATE	4/12/07	
Enviro logic PO Box	80762	STATEME	NT	
Portland, 0	P 97280-1762	PLEASE F	'AY LAST AMOUNT IN BA	LANCE COLUMN
	Combination Bill of L	ading and Fre	eight Bill	
Generation: Asto	cia PRP Group -	Port of	Astoria	1
Receiving Facility:	Hillsbaro Land fill			
Operator: CC	S W.O.#: 970004 U	nit #: 300	Received by (TSD)	abonte
at greater concentration 261, customer subpart state hazardous waste compliance with 40 CF	g, without limitations; pesticides, chloring ons than 2 PPM (or PPM with manifest), its C and D (implementing the Federal Resor hazardous substance classification per part 261, customer (generator) agreed that the forest of th	or any other mate esource Conserva program). Should I es to pay for all dis	erial classified as hazardou ation and Recovery Act, or laboratory tests find this w sposal costs incurred.	is by 40 CFR part by any equivalent
QUANTITY	DESCRIPTIO	N	CHARGES	BALANCE
20	Non Regulated - Petr	o luem		
	Contaminated so	, 1/		
		7		

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

SUBTOTAL _____

TOTAL _

Volume



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier

Ticket Date 04/12/2007

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest na

Destination

PO

9862

Profile Semerator 9862 (PCS-Diesel)

168-WIDEPERGRO WIDE PER GROUP

Time

04/12/2007 12:21:39 Out 04/12/2007 12:37:47

Scale Inbound 1 Outbound

Operator bm 1

b#1

Vehicle# 87

ryan.

0000068

Container

Billing #

Gen EPA ID

Driver

Check#

Grid

Inbound

SELFHLD SELF HAULED

Grass

115340

Tare 38720

Net Tons 76620 lb 38.31

16

Comments

Consumer Comments? We want to know. Please call.

Product		LD%	Qty	UOM	Rate	Tax	Asount	Origin
i : 2	Cont Soil Pet-RGC- EVL-Env Fee Lg.		38.31 1	Tons Load	23.01 4.00	74.77	\$881.51 \$4.00	CLATS CLATS

Total Tax Total Ticket

\$74,77 \$960,28

Driver's Signature

403WM

➂



55 International Way Longview, WA 98632 Office: (360) 423-6316 Fax: (360) 423-3409 24-Hours: 1-888-423-6316

Enviro Logic Re PO Box 8076Z	esources	
Portland, OR		

4/13/07

STATEMENT

PLEASE PAY LAST AMOUNT IN BALANCE COLUMN

	Combination Bill of Lading and Freight	Bill			
Generation: As A	ria PRP Group - Port of Asto.				
Receiving Facility:	Hillsboro Landfill		· ~ 1		
Operator: ccs		eived by (TSD):	house Minm		
contaminants includin at greater concentration 261, customer subpar state hazardous waste compliance with 40 Cl	at the waste material being transferred by the above collector deg, without limitations; pesticides, chlorinated solvents at concentruments than 2 PPM (or PPM with manifest), or any other material costs C and D (implementing the Federal Resource Conservation as or hazardous substance classification program). Should laborate Part 261, customer (generator) agrees to pay for all disposations for Astoria PAP Group	trations greater than a lassified as hazardou and Recovery Act, or atory tests find this wa	s by 40 CFR part by any equivalent aste product not in		
QUANTITY	DESCRIPTION	CHARGES	BALANCE		
70	Non-Regulated Petroleum				
	Non-Regulated Petroleum Contaminated Soil				
	<i>j</i>				
		SUBTOTAL			
		TAX			
FINANCE OUADOS	OE 1.5% per month may be englished to any and decreased.	TOTAL			

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.





Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Original Ticket# 1053799

Volume

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

04/13/2007 Ticket Date

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO 9862

Profile

9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Time

04/13/2007 08:01:58 Inbound 1

Scale

Operator

Vehicle# 102

ryan

00000068

Container

Billing #

Gen EPA ID

Driver

Check#

Grid

Inbound

Gross

102840 16 16

Ιn

04/13/2007 08:17:09

Outbound

sdm jlr Tare Net

38460

64380 16

Tons

3

32.19

Comments

CCS

Consumer Comments? We want to know. Please call.

Prod	uct	L.D%	Qty	UOM	Rate	Тах	Amount	Origin
1	Cont Soil Pet-R6C-	100	32.19	Tons	23.01	62.83	\$740.69	CLATS
2	EVL-Env Fee Lg.	100	1	Load	4.00		\$4.00	CLATS

Total Tax Total Ticket

\$62,83 \$807.52

Driver's Signature

403WM

(8)



B.O.L. / FREIGHT BILL

a dividual in the day,				
Enviro Logie Resour		DATE	4/13/07- MENT	
Portland, OR 97280	-176z <u> </u>	PLEASE	E PAY LAST AMOUNT IN BALANCE CC)LUMN
Co	mbination Bill c	of Lading and F	Freight Bill	
Generation: Astoria PRA	Group - Fo	act of As	toria I.	
Receiving Facility: Hillshoro	Landfill			$\int \int \int d^2x dx$
Operator: CCS W	1.0.#:970004	Unit #: 300	Received by (TSD):	VM)

Customer warrants that the waste material being transferred by the above collector does not contain any contaminants including, without limitations; pesticides, chlorinated solvents at concentrations greater than 1,000 PPM, PCB's at greater concentrations than 2 PPM (or PPM with manifest), or any other material classified as hazardous by 40 CFR part 261, customer subparts C and D (implementing the Federal Resource Conservation and Recovery Act, or by any equivalent state hazardous waste or hazardous substance classification program). Should laboratory tests find this waste product not in compliance with 40 CFR part 261, customer (generator) agrees to pay for all disposal costs incurred.

Date 4/13/07 Signature X Steven Mc Aloney
Signing for Astoria PRA Group

QUANTITY	DESCRIPTION	CHARGES	BALANCE
Z0	Non-Regulated Petroleum		
	Non-Regulated Petroleum Contominated Soil		
		SUBTOTAL	
		TAX	
		TOTAL	

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

ទីវិធ្យាតិពីមាខែ



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Original Ticket# 1053948

97220

15

Volume

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/13/2007

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest na

Destination

 p_0 Profile

Time

Generator

9862

9862 (PCS-Diesel)

168-WIDEPERGRO WIDE PER GROUP

Scale

04/13/2007 13:07:21 MAN WEIGHT

១៨៣

Inbound Gross

Driver Check#

Billing # 0000068

ryan

Gen EPA ID

Container

Vehicle# 30

Grid

Operator

fare 38460 10 Out 04/13/2007 13:07:21 MAN WEIGHT sdm Net 58760 10 Tons 29.38

Comments

In

Consumer Comments? We want to know. Please call.

Froduct	UDM	Oty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC 2 EVL-Env Fee Lg.		29. 36 1		23. Ø1 4. ØØ	57.34	\$676.03 \$4.00	

Total Tax Total Ticket

157,34 \$737.37

Briesnie Gieratuse

3



B.O.L. / FREIGHT BILL

Enviro Logic Resources	
Enviro Logic Resources PO Box 80762	
Portland, OR 97280-1762	

4/12/07 DATE

STATEMENT

PLEASE PAY LAST AMOUNT IN BALANCE COLUMN

					·				
	Comb	ination B	ill of Lading	and Fr	eight B	ill			
Generatior: 135	toria PRP	Group	- Port	of	A5 401	-18			
Receiving Facility:	Hillsboro	Land	Fill				, //		1
Operator: Wilfrins	2 Construction.O.	4:970004	Unit #:		Receive	ed by (TSI		MD	nte
contaminants includir at greater concentrat 261, customer subpa state hazardous wast compliance with 40 C	nat the waste material ng, without limitations; ions than 2 PPM (or Firts C and D (implemente or hazardous substitements). The part 261, custome for the first part 261 and the first part 261.	pesticides, PPM with manting the Feance classifier (generator	chlorinated solinifest), or any deral Resource cation programm, agrees to pay	vents at contermate Conserver). Should very for all di	oncentrati erial class ation and laborator	ions greate sified as ha Recovery y tests find sts incurred	r than 1 zardous Act, or I this wa d.	s by 40 CF by any equ	R part livalent at not in
QUANTITY		DESC	RIPTION			CHAR	GES	BALA	NCE
15	Non-Regu	lated	Petro lu	ет					
	Pon tami	nated	501/						
		I La TED							
	Non Regulated Petrolvem Bontaminated Soil								
				-					
				***************************************		····			
	<u> </u>	** \$'							_
	<i>I</i>								
						SUBTOTA	٦L		· · · · · · · · · · · · · · · · · · ·
				·····	-	TAX			
						TOTAL			
FINANCE CHARGE	F OF 1.5% per month	may he ann	lied to any nec	duo omo	ount Post	duo ooou	nto mai	, ha place	4 on

HARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, DR, 97123 Ph: (503)-640-9427

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/12/2007 Vehicle#

Volume

Payment Type Credit Account

Container

Manual Ticket#

Driver mark

Hauling Ticket#

Check#

Route State Waste Code Billing # 00000068

Manifest

Gen EPA ID

Destination

Grid

 p_0

9862

Profile

9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Time

Scale

Operator

Inbound Gross 74000

1b

), b

bml.

In

04/12/2007 12:03:24 04/12/2007 12:34:23

Inbound 1 Outbound

Tara Net

32540

Out

bm1

41460

Tons

1 b 20.73

Comments

Consumer Comments? We want to know. Please call.

Prod	luxt	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1 2	Cont Soil Pet-R6C- EVL-Env Fee Lg.		20.73 1	Tons Load	23. Ø1 4. ØØ	40, 46	\$477.00 \$4.00	CLATS CLATS

Total Tax Total Ticket

\$40,45 \$521,46

Driver's Signature Marl & Bald (#317)



B.O.L. / FREIGHT BILL

4/12/07

Enviro Lo	gic Resources	DATE 4/	12/07	
P.O Box	gic Resources 80762	STATEMENT		
	OR 97280-1762	PLEASE PAY LA	ST AMOUNT IN BAI	ANCE COLUMN
	Combination Bill of La	ading and Freight	Bill	
Customer warrants the contaminants including at greater concentration 261, customer subpart state hazardous waste compliance with 40 CF	Hillsboro land fill	the above collector do ed solvents at concent or any other material cla source Conservation a ogram). Should laborat to pay for all disposal	es not contain any rations greater than assified as hazardound Recovery Act, or ory tests find this wa	s by 40 CFR part by any equivalen aste product not i
QUANTITY	DESCRIPTION	V	CHARGES	BALANCE
70	Non Regulated Petrol	upm		
	contaminated so	,'/		

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

SUBTOTAL _____

TOTAL



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsbore, OR, 97123 Ph: (503)-640-9427

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/12/2007 Payment Type Credit Account Vehicle#

Volume

State Waste Code

Container

TIM BISH

Manual Ticket# Hauling Ticket#

Driver Check#

0000068

Route

Billing #

Gen EPA ID

Manifest

Destination

Grid

ρŋ Profile 9862

NZA

9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Time

Scale

Operator

Inbound

Gross

75380 1ь 32340 16

1 11 04/12/2007 12:04:05 Out 04/12/2007 12:36:17

Inbound 2 Outbound

CC bml

Net Tons

Tare

43040 16

21.52

Comments

HLD BY JIM WILKINS

Consumer Comments? We want to know. Please call.

Product	LD%	Qt y	NOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 2 EVL-Env Fee Lg.		21.52 1	Tons Load	23, 01 4. 00	42.00	\$495.18 \$4.00	CLATS CLATS

Total Tax Total Ticket

\$42.00 \$541.18

403WM

❽



B.O.L. / FREIGHT BILL

Enviro Logi	c Resources	DATE	4/	1/2/0	7		
P. O. Box 80	762	STATE	MENT				
Portland, U	97 97280-1762 	PLEAS	E PAY LAST	Γ AMOUNT IN	I BALA	ANCE COL	.UMN
	Combination Bill	of Lading and	Freight B	ill			
Generation: Astol		Port of A	storia)	
Receiving Facility:	Hillsboro Land Fill						J
Operator: Wilkins	3 Construction W.O. #: 970004	Unit #:	Receiv	ed by (TSD)	XZY	Medo	277
contaminants including at greater concentratio 261, customer subpart state hazardous waste	t the waste material being transfer t, without limitations; pesticides, chi ns than 2 PPM (or PPM with manit s C and D (implementing the Fede or hazardous substance classifica R part 261, customer (generator) a	orinated solvents a lest), or any other m ral Resource Conse tion program). Shou	t concentrat naterial clas ervation and uld laborator	tions greater tl sified as haza I Recovery Ac ry tests find th	han 1, rdous t, or b	by 40 CFR y any equiv	R part valent
Signature X	Hover Melloney ming for Astoria Del	o Grong	and decreased an	Date	1/12	2/07	····
QUANTITY	DESCRI	PTION		CHARGE	S	BALAN	ICE
2:0	Non-Regulated - F	Etroluem					
	Non-Regulated - F Contaminated 50	2/					
	,						

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

SUBTOTAL _____

TAX _____

TOTAL .



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/12/2007

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code

Manifest N/A

Destination

₽Đ 9862

Profile Generator

9862 (PCS-Diesel)

168-WIDEPERGRO WIDE PER GROUP

Time

04/12/2007 12:29:49 04/12/2007 12:57:50

Scale MANUAL WT Outbound

Operator CC

Vehicle#

Container

Billing #

Gen EPA ID

Driver

Check#

Grid

125

CURT

ØØØØØ68

Inbound

Gross 105540

Volume

Tare 40100 Net

65440 16

bml

Tons

32.72

16

1b

Comments

Ιn

HLD BY JIM WILKINS

Consumer Comments? We want to know. Please call.

Proc	iuct	LD%	Qty	MOLL	Rate	Tax	Amount	Origin
1 2	Cont Soil Pet-RGC- EVL-Env Fee Lg.		32.72 1	Tons Load	23.01 4. 0 0	63.86	\$752.89 \$4.00	CLATS CLATS

Total Tax Total Ticket

\$63.86 \$820.75

Driver's Signature

3

403WM



B.O.L. / FREIGHT BILL

Portland, OR	
97280 - 176Z PLEASE PAY LAST AMOUNT IN BALANCE CO	NMUJC
Combination Bill of Lading and Freight Bill	
Generation: Astoria PRP Group - Port of Astoria	
Receiving Facility: Hills boro Landfill	$\overline{\Box}$
Operator: Wilkins ? Construction W.O.#: 970004 Unit #: Received by (TSD):	Fle
Customer warrants that the waste material being transferred by the above collector does not contain any contaminants including, without limitations; pesticides, chlorinated solvents at concentrations greater than 1,000 PPM at greater concentrations than 2 PPM (or PPM with manifest), or any other material classified as hazardous by 40 CF 261, customer subparts C and D (implementing the Federal Resource Conservation and Recovery Act, or by any equivalent that hazardous waste or hazardous substance classification program). Should laboratory tests find this waste product compliance with 40 CFR part 261, customer (generator) agrees to pay for all disposal costs incurred. 3ignature X Signature X Astoria PMF Group Date 4/12/0	FR part uivalent
QUANTITY DESCRIPTION CHARGES BALA	NCE
20 Non-Regulated Petroleum Contaminated Soil	
5011/07111/60 501	

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

TOTAL _____

SUBTOTAL _____



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsborg, OR, 97123 Ph: (503)-640-9427

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier

Ticket Date 04/13/2007

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code

Manifest

Destination

PO Profile 9862

9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Time

Scale

Operator

Vehicle#

Container

Billing #

Gen EPA ID

Driver

Check#

Grid

121

chris

00000068

Inbound

SELFHLD SELF HAULED

Gross

101720

16

1.6

30.99

04/13/2007 07:30:52 04/13/2007 07:49:31 Out

Inbound 1 Outbound

ន្ធ៨៣ jlr

Tare

Net

Volume

39740

Tons

61980 16

Comments

Consumer Comments? We want to know. Please call.

	duct .	LD%	Oty	UOM	Rate	кат	Amount	Origin
1 2	Cont Soil Pet-RGC- EVL-Env Fee Lg.		30.99 1	Tens Load	23.01 4.00	60.49	\$713.08 \$4.00	CLATS CLATS

Total Tax Total Ticket

\$60,49 \$777.57

403WM

3



B.O.L. / FREIGHT BILL

Enviro Logic	c Resources	DATE 4	/13/07	
PO BOX 80	762	STATEMENT	, ,	
Portland, O	e Resources 762 R 97280 - 1762	PLEASE PAY LAS	ST AMOUNT IN BAL	ANCE COLUMN
	Combination Bill of La	ading and Freight I	Bill	
Generation: Aska				
Receiving Facility:	Hillshoro Landfill	fill the training		. ~
Operator: Wilkins	L'a PRP Group - Port Hillsboro Landfill Construction W.O.#: 970004 Un	it #: Recei	ved by (TSD(: /)	hourstlin
contaminants including at greater concentratio 261, customer subpart state hazardous waste compliance with 40 CF	at the waste material being transferred by g, without limitations; pesticides, chlorinations than 2 PPM (or PPM with manifest), cases C and D (implementing the Federal Reformation or hazardous substance classification or FR part 261, customer (generator) agrees that the formation of the formati	ed solvents at concentra or any other material cla source Conservation an rogram). Should laborato	ations greater than the ssified as hazardous d Recovery Act, or long the this was	s by 40 CFR part by any equivalent este product not in
QUANTITY	DESCRIPTIO	N	CHARGES	BALANCE
15	Non-Regulated Petrola Contaminated Soil	eum		
	Contaminated Soil			
			·	
		.344/34/3		

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

TOTAL _____

SUBTOTAL ____

Volume



Hillsboro Landfill. Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier

Ticket Date 04/13/2007

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Destination

PO

In

9862

Profile Generator 9862 (PCS-Diesel)

168-WIDEPERGRO WIDE PER GROUP

Time

04/13/2007 07:38:29

Out 04/13/2007 08:03:11

nag

Scale Inbound 1 Outbound

Operator sdn

jir

Grid

Vehicle# 1

mark

0000068

Container

Billing #

Gen EPA ID

Driver

Check#

Inbound

SELFHLD SELF HAULED

Gross

75860

32660

43200

Net Tons

Tare

21.60

lb

1 h

16

Comments

hld by jim wilkins trk

Consumer Comments? We want to know. Please call.

Proc		LD%	Qty	UOM	Rate	Тах	Amount	Origin
1 2	Cont Soil Pet-RGC- EVL-Env Fee Lg.		21.60 1	Tons Load	23.01 4.00	42.15	\$497.02 \$4.00	CLATS CLATS

Total Tax Total Ticket

\$42.15 \$543.17

Driver's Signature Mal & Balin #317





B.O.L. / FREIGHT BILL

Enviro Logic PO Box 8	- Resources	DATE	4/13/07	
1 PO Box 8	0762	STATEM	ENT	
Portland, C	97280-176Z	PLEASE	PAY LAST AMOUNT IN BAL	ANCE COLUMN
	Combination Bill of La	iding and Fi	reight Bill	
Generation: Asto	ria PRP Group - Port	of Asto	oria .	
Receiving Facility:	Hillsboro Landfill			
Operator: Wilkins	3 Construction W.O. #: 970004 Un	it #:	Received by (TSD).	ault mil
contaminants including at greater concentration 261, customer subpart state hazardous waste compliance with 40 CF	at the waste material being transferred by g, without limitations; pesticides, chlorinated by the standard part 2 PPM (or PPM with manifest), of the C and D (implementing the Federal Rese or hazardous substance classification properties of the part 261, customer (generator) agrees the standard properties of the stand	ed solvents at our any other ma source Conservogram). Should to pay for all d	concentrations greater than terial classified as hazardou vation and Recovery Act, or I laboratory tests find this wa	s by 40 CFR part by any equivalent aste product not in
QUANTITY	DESCRIPTION	V	CHARGES	BALANCE
20	Non-Regulated Petro	leum		
	(WALLER TEU TEU DV)	1		
	-			
	3 7/1			
		<u> </u>	*	

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

TOTAL _

SUBTOTAL _____

TAX _____



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Original Ticket# 1053793

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/13/2007 Vehicle#

106

Volume

Payment Type Credit Account Manual Ticket#

Container Driver jim

Check# 0000068

Billing #

Gen EPA ID

State Waste Code Manifest

Hauling Ticket#

Grid

Destination

90 Profile

Route

9862

9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Time

Scale

Operator

Inbound

78280

Inbound 1

sdm

Gross Tare

In

04/13/2007 07:40:02

Net

32260 1b

Out 04/13/2007 08:09:23

Outbound

jlr

Tons

46020 16 23.01

Comments

Consumer Comments? We want to know. Please call.

Prod	uct	LD%	Oty	MOU	Rate	Tax	Amount	Origin
: 1 2	Cont Soil Pet-RGC- EVL-Env Fee Lg.		23.01 1	Tons Load	23.01 4.00	44.91	\$529.46 \$4.00	CLATS CLATS

Driver's Signature

1 Driv

Total Tax Total Ticket

\$44.91 \$578.37

3



B.O.L. / FREIGHT BILL

-	<u></u>	_	. , ,	
Enviro Log	ic Resources	DATE 4	1/13/07	
PO BOX	ic Resources 8076Z	STATEME	NT	
Portland,	OR 97280-1762	PLEASE PA	AY LAST AMOUNT IN BAI	_ANCE COLUMN
	Combination Bill of La	ading and Fre	eight Bill	
Generation: Asto,	TIM PRP Group - Por	-+ of A	ctoria	
	-ia PRP Group - Por Hillsborn Landfill Construction W.O.#: 970004 Un	it #:	Received by (TSD)	hay Mi
contaminants including at greater concentration 261, customer subpart state hazardous waste compliance with 40 CF	at the waste material being transferred by g, without limitations; pesticides, chlorinations than 2 PPM (or PPM with manifest), cast C and D (implementing the Federal Resor hazardous substance classification properties of part 261, customer (generator) agrees than Ma Cloney fring for Astoria PRE Group	ed solvents at co or any other mate source Conserva rogram). Should la	encentrations greater than erial classified as hazardou ation and Recovery Act, or aboratory tests find this wa	s by 40 CFR par by any equivalen aste product not i
QUANTITY	DESCRIPTION	N	CHARGES	BALANCE
20	Non-Regulated Petro	r/eum		
	Making CAS	day	1	1

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

SUBTOTAL _____

TAX

TOTAL



Hillsbörg Landfill, Inc. \$205 SE Minter Bridge Aillsboro, OR, 97123 DE (503)-640-9427

Original Ticket# 1053938

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier

Ticket Date 04/13/2007

Payment Type Credit Account

9862

04/13/2007 12:36:46

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest ១៩

Destination

DB

Profile

Time

Generator

9862 (PCS-Diesel)

04/13/2007 12:36:46 MAN WEIGHT

168-WIDEPERGRO WIDE PER GROUP

Scale

MAN WEIGHT

sdm _

Operator ⊕ឋេស

Grid

Container

Billing #

Gen EPA ID

Driver

Check#

Inbound

SELFHED SELF HAULED

Vehicle# jimwilkins Volume

83000068

chris

Grass Tare

95620 39720

113 55900 16

lb

Net Tons

27,95

Comments

Īn

Օսե

Consumer Comments? We want to know. Please call.

Product	LD%	Oty	UOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC 2 EVL-Env Fee Lg.		27.95		23.01 4.00	54.55	\$643.13	

Total Tax Total Ticket

\$54,55 1701.68

403WM

(



B.O.L. / FREIGHT BILL

Enviro Logic Resources Po Box 80762 Portland, OR 97280-1762 DATE 4/13/07

STATEMENT

PLEASE PAY LAST AMOUNT IN BALANCE COLUMN

	Combination Bill of Lading and Frei	aht Dill	
Generation: A.L.		yn dii	
Receiving Facility:	Hillshorn		1 01
Operator: Wilkins	cia PRP Group - Port of Astoria Hillsboro Genetine His W.O.#: 970004 Unit #: F	Received by (TSD):	haistam
Customer warrants the contaminants including at greater concentration 261, customer subpartate hazardous waste compliance with 40 Cl	at the waste material being transferred by the above collectors, without limitations; pesticides, chlorinated solvents at concerns than 2 PPM (or PPM with manifest), or any other matering the Cand D (implementing the Federal Resource Conservation or hazardous substance classification program). Should lain FR part 261, customer (generator) agrees to pay for all dispose.	or does not contain any centrations greater than a la classified as hazardous on and Recovery Act, or boratory tests find this wa	s by 40 CFR part by any equivalent
Signature X	Twen Mc Cloner gring for Astoria PPRP Group	Date <u>4</u> //_	3/07
QUANTITY	DESCRIPTION	CHARGES	BALANCE
15	Non-Regulated Petroleum	·	
	Non-Regulated Petroleum Contaminated Soil		
		SUBTOTAL	
	*	TAX	
A FINANCE CHARCE	OF 1.5% per month may be applied to any past due amour	TOTAL	

ECHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.



Hillsboro Landfill, Inc. \$205 SE Minter Bridge Åillsbore, OR, 97123 BF: (503)-640-9427

Original Ticket# 1053948

Volume

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier

Ticket Date 04/13/2007

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Waste Code Manifest

Time

Destination

 p_0

Profile

Generator

9862

04/13/2007 12:54:21

Out 04/13/2007 12:54:21

9862 (PCS-Diesel) 168-WIDEPERGRO WIDE PER GROUP

Scale

Mal Jahl

MAN WEIGHT

MAN WEIGHT

ខ្លាស ន៨៣

Operator

Grid

Container

Billing #

Gen EPA ID

Driver

Check#

Inbound

SELFHED SELF HAULED

Vehicle# jimwilken

00000068

mark

Tare Net

Gross

68460 32660 35800

11)

15

1. b

17.90

Tone

Comments

Consumer Comments? We want to know. Please call.

F. aduct	1.10%	Oty	UCM	Rate	¥ax	Amount	Origin
1 Cont Soil Pet-RG(2 EVL-Env Fee Lg.		17.90	loss Losd	23.01 4.00	34, 94		

Total Tax Total Ticket

\$34.94 \$450.82

 \odot



B.O.L. / FREIGHT BILL

Enviro log	oic Resources 80762	DATE 4	/13/07	
PO BOX	80762	STATEMENT		
Portland, C	97280-1762	PLEASE PAY	LAST AMOUNT IN BA	LANCE COLUMN
	Combination Bill of Ladi	ng and Freigl	nt Bill	
Generatior: Astor	ia PRP Group - Port of	Astoria		
Receiving Facility:	Hillsborg Landfill			< 1
Operator: William	ria PRP Group - Port of Hillsboro Landfill 3 Construction W.O.#:970004 Unit#	: Re	ceived by (TSD);	with 10 ca
at greater concentration 261, customer subpart state hazardous waste compliance with 40 CF	at the waste material being transferred by the g, without limitations; pesticides, chlorinated sons than 2 PPM (or PPM with manifest), or a ts C and D (implementing the Federal Resout or hazardous substance classification progress part 261, customer (generator) agrees to the formal of the formal and formal	solvents at conce ny other material rce Conservation am). Should labo	entrations greater than classified as hazardou and Recovery Act, or pratory tests find this wa	is by 40 CFR part by any equivalent aste product not in
QUANTITY	DESCRIPTION		CHARGES	BALANCE
<u> </u>	Non-Regulated Petro	o leum		
	Non-Regulated Petro Contaminated Soil			
	,			
		<u></u>		

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

TOTAL

SUBTOTAL _____

TAX _____



Hillaboro Landfill, Inc. 3205 SE Minter Bridge Millaboro, OR, 97123 _B能: (503)-640-9427

Original Ticket# 1054009

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Vehicle# jr Ticket Date 04/13/2007

Container

Volume

Payment Type Credit Account

Manual Ticket#

Driver tim

Hauling Ticket# Route

Check#-

Billing # 0000068

State Waste Code Manifest na

Gen EPA ID

Destination

Grid

 $\mathbb{C}\mathbb{C}$

9868

Profile 9862 (PCS-Diesel)
Generator 168-WIDEPERGRO WIDE PER GROUP

Time

Scale

Operator Inbound Gross

71980 1 b

ln

04/13/2007 15:44:15 MAN WEIGHT

jlr

Tare

32260 16

Out 04/13/2007 15:44:15 MAN WEIGHT

jlr

Net Tone 39720 16

19,86

Comments hid by jim wilking tok

Consumer Comments? We want to know. Please call.

Frod	lact	1.1)%	Qt y	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC- EVL:Env Fee Lg.		19.86 1		23.01 4.00	38.76		CLATS CLATS

Total Tax

*38.76 ±499°74

⊕



B.O.L. / FREIGHT BILL

Enviro Logic Resources P.O. Box 8076Z	
Portland, OR 97280-1762	

4/16/07 DATE

STATEMENT

PLEASE PAY LAST AMOUNT IN BALANCE COLUMN

		Bill of Lading an		ill		
Generatior: As A	oria PRP Group		Astoria			
Receiving Facility:	Hillsboro La	nd Fill		······	211	/
Operator: W///T/n	s; Construction O.#:	Unit #:	Receive	ed by (TSD):	10/00	26
contaminants including at greater concentration 261, customer subpart state hazardous waste compliance with 40 CF	It the waste material being tra g, without limitations; pesticide ns than 2 PPM (or PPM with s C and D (implementing the or hazardous substance clas R part 261, customer (genera	es, chlorinated solvents manifest), or any othe Federal Resource Co sification program). Sl ator) agrees to pay for	s at concentrat or material class nservation and hould laborator	ions greater than sified as hazardou Recovery Act, or y tests find this wa	is by 40 CFR p by any equiva	part alent
Signature X	two Mallones	PRP Group	MANAGEN, CANAGEN, CA	Date 4/	6/07	
QUANTITY	DES		CHARGES	BALANC	BALANCE	
20	Non Reaulatea	Petroluem				
•	Non Regulated Contaminated	50:1				
		<u> </u>				
						~~~
	ž					
				SUBTOTAL		
				TAX		
				TOTAL		
A FINANCE CHARGE	OF 1.5% per month may be a	notied to any past due	amount Pact	due accounts ma	whe placed o	m

1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.



Hillsboke Landfill, Inc. \$205 SE Minter Bridge Agilsboro, OR, 97123 .a. (503) 640-9427

Original Ticket# 1054458

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Vehicle∦ 00

Volume

Ticket Date 04/16/2007

Payment Type Credit Account

Container

Manual Ticket#

Uriver

Hauling Ticket#

Check#

) i 81

Route State Waste Code

0000068

Manifest

Billing #

Gen EPA ID

Destination FO

9862

 $E\Omega$ 

Grid

Profile

9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Time

Scale

Operator

Inbound

Grass

9268v

I

MAN WEIGHT

દેશા 1

Tare

10 32260 15

04/16/2007 12:45:01 Out 04/16/2007 12:45:01

MAN WEIGHT

bml

Net Tons 60420 lb

30.21

Comments

hld by jim wilking trk

Consumer Comments? We want to know. Please call.

F. oduct	LD%	Oty	MOU	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 2 EVL Env Fee Lg.		30, 21 i		23.01 4.00	58.96	\$695.13 \$4.00	

Total Tax Total Ticket

\$58.96 1758.09

403WM

**B.O.L. / FREIGHT BILL** 

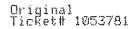
115534

Enviro Jogic Resources P.O. Box 80762 Portland, OR 97280-1762	DATE 4/13/2007  STATEMENT  PLEASE PAY LAST AMOUNT IN BALANCE COLUMN
Combination Bill of Lad	ing and Freight Bill
Generation: Astoria PRB Group / Tort o	d Astoria .
Receiving Facility: Millsboro January C	
Operator: Jind strom & Son W.O. #: 9 for Unit	#: Received by (TSD) JNOU VI
Customer warrants that the waste material being transferred by the contaminants including, without limitations; pesticides, chlorinated at greater concentrations than 2 PPM (or PPM with manifest), or a 261, customer subparts C and D (implementing the Federal Reso	solvents at concentrations greater than 1,000 PPM, PCB's

state hazardous waste or hazardous substance classification program). Should laboratory tests find this waste product not in compliance with 40 CFR part 261, customer (generator) agrees to pay for all disposal costs incurred. ignature X _

QUANTITY	DESCRIPTION	CHARGES	BALANCE
20yds	Non regulated peteroleum		
V	Contaminated Soil		
			·
		SUBTOTAL	
		TAX	
		TOTAL	

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.





Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, DR, 97123 Ph: (503)-640-9427

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/13/2007 Payment Type | Credit Account

Vehicle# 101

Volume

Container

Driver

gary

Manual Ticket# Hauling Ticket#

Check#

Route State Waste Code Billing #

9300000

Manifest

Gen EPA ID

Destination

Grid

P0

Profile

9862 9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Scale

Operator

Inbound

1022200

Inbound 1

ទៅ៣

Tare

37940 16

In 04/13/2007 06:49:13

Out 04/13/2007 07:02:56 Outbound jlr

Net Tons

Gross

64260 15

32, 13

Comments

hld by lindstrom and son

Consumer Comments? We want to know. Please call.

	inct	LD%	Oty	MOU	Rate	Tax	Amount	Origin
1 2	Cont Soil Pet-RGC- EVL-Env Fee Lg.		32.13 1	Tons Load	23. Ø1 4. ØØ	62.71	\$739.31 \$4.00	

Total Tax Total Ticket

\$52.71 \$806.02

Driver's Signature

403WM



# **B.O.L. / FREIGHT BILL**

<u></u>		_		1	
Enviro Log	ric Resources	DATE	4/13	3/07	
PO BOX 8	ic Resources 0762	STATEM	TENT		
	OR 97280-1762	PLEASE	E PAY LAST	AMOUNT IN BAI	LANCE COLUMN
	Combination Bill of L	ading and F	reight Bil	]	
Generation: As fa	oria PRP Group				
Receiving Facility:					$\sim$ 1
Operator: Lindstrom		nit #:9	Receive	d by (TSD):	Thay MC
contaminants including at greater concentration 261, customer subpart state hazardous waste compliance with 40 CF	at the waste material being transferred by g, without limitations; pesticides, chlorina ons than 2 PPM (or PPM with manifest), as C and D (implementing the Federal Refer or hazardous substance classification per part 261, customer (generator) agrees than for Astoria PAP Group	ted solvents at or any other ma esource Consel rogram). Shoul s to pay for all	concentration aterial classi rvation and l d laboratory	ons greater than fied as hazardou Recovery Act, or tests find this wa	s by 40 CFR part by any equivalen aste product not i
QUANTITY	DESCRIPTIO	N		CHARGES	BALANCE
20	Non-Regulated Per Contaminated Soil	troleum I			
1			l l		1 1

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

TOTAL

SUBTOTAL _____



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsbore, OR, 97123 Ph: (503)-640-9427

Original Ticket# 1053782

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/13/2007
Payment Type Credit Account

Vehicle# 28

Volume

Manual Ticket#

Container

Driver

Hauling Ticket#

lerry

Route

Check# Billing #

**DDDDDDG8** 

State Waste Code

Gen EPA ID

Manifest

Destination

Grid

P()

9862

Profile

9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Time

Scale

Operator

Inbound

100600

ទ៨៣

Gross

In

04/13/2007 06:51:09 Inbound 1 Outbound

Tare Net

38180

1b

Out 04/13/2007 07:05:50

jlr

Tons

62420 16 31.21

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	L.D%	Qty	MOU	Rate	Тах	Amount	Origin
1 2	Cont Soil Pet-RGC- EVL-Env Fee Lg.		31.21 i	Tons Load	23.01 4.00	60.91	\$718.14 \$4.00	CLATS CLATS

Total Tax Total Ticket

\$60.91 \$783.05

403WM

3



#### **B.O.L. / FREIGHT BILL**



Enviro Log	ie Resources	DATE 4//	3/07	
PO BOX 80.	ie Resources 762	STATEMENT		
Portland.	OR 97280-1762			
	97280-1762	PLEASE PAY L	AST AMOUNT IN BAL	ANCE COLUMN
	Combination Bill of Ladi	ng and Freigh	Bill	
Generation: As to	ria PRP Group - Por	tof As	foria	
Receiving Facility:	Hillsboro landfill			
Operator: Linds from	n & Son W.O.#: 970004 Unit #	: Rec	eived by (TSD);	hay I (m)
	at the waste material being transferred by the			0 1
contaminants including	g, without limitations; pesticides, chlorinated one than 2 PPM (or PPM with manifest), or a	solvents at concen	trations greater than 1	I,000 PPM, PCB's
261, customer subpart	ts C and D (implementing the Federal Resou	rce Conservation :	and Recovery Act, or	by any equivalent
state hazardous waste compliance with 40 CF	or hazardous substance classification progr R part 261, customer (generator) agrees to	am). Should labora	atory tests find this wa	iste product not in
	•	pay for all disposa	/	
Signature X	Thorn Mc Aloney		Date _ 4/13	707
<i></i>	- John Jan Jan Byou y		•	
QUANTITY	DESCRIPTION		CHARGES	BALANCE
20	Non-Regulated Petro	leum		
	Contaminated Soil			
			·	
		2.17		

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including asonable attorney's fees.

TOTAL

SUBTOTAL _____



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Original Ticket# 1053794

Customer Name COMLITZCLEAN COMLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/13/2007 Payment Type Credit Account Vehicle# 99

Volume

Manual Ticket#

Container

Driver mike

Hauling Ticket#

Check#

0000068

Route

Billing #

State Waste Code

Gen EPA ID

Manifest

Destination

Grid

FO Profile 9862

Generator

9862 (PCS-Diesel) 168-WIDEPERGRO WIDE PER GROUP

Time

Scale

Operator

Inbound

sdm

Gross

9572W

In

04/13/2007 07:41:14 Out 04/13/2007 08:00:00

Inbound 1

Tare

38100

16

28.81

Outbound

jlr

Net Tons

lb 57620 16

Comments

Consumer Comments? We want to know. Please call.

Proc	luct	LD%	Gty	UOM	Rate	Tax	Amount	Origin
1 2	Cont Soil Pet-RGC- EVL-Env Fee Lg.		28.81 1	Tons Load	23.01 4.00	56. 22	\$662.92 \$4.00	CLATS CLATS

Driver's Signature

Total Tax Total Ticket

\$56,22 \$723,14

403WM

(3)



#### **B.O.L. / FREIGHT BILL**

Enviro Logic Resources		DATE	4/13
Enviro Logic Resources PO Box 80762		STATEM	ENT
Portland, OR 47280-1762		PLEASE	PAY LAST A
Combination Bi	ll of Ladir	ng and F	reight Bill

4/13/07

PLEASE PAY LAST AMOUNT IN BALANCE COLUMN

ria PR	P Group - Po	rt of Asi	tomia				
14:1/56	oro Landfil	/					
n i Son	W.O.#: 970004	Unit #:	Rece	ived by (TSD);	nun	esco	2
ig, without lir ons than 2 F rts C and D e or hazardo FR part 261	material being transferre mitations; pesticides, chlo PPM (or PPM with manife (implementing the Federa ous substance classification, customer (generator) ac	rinated solvents a st), or any other a al Resource Cons on program). Sho prees to pay for a	at concent material cli servation a puld labora	rations greater that assified as hazard nd Recovery Act, tory tests find this costs incurred.	an 1,000 dous by or by ar s waste p	40 CFR ny equiva product r	part alent
Heven	Mc Aloney - Astoria PNJ Gro	up		Date <u>4</u>	[13]	07	
QUANTITY DESCRIPTION				CHARGES BALAN			
Non-1	legulated Pe	troleum					
Con	taminated Soi	1					
							· · · · · · · · · · · · · · · · · · ·
<i>***</i>	Ž <del>-973</del>						
				SUBTOTAL		I	
				TAX			
				TOTAL			
	at the waste g, without lir ons than 2 F its C and D one or hazardo FR part 261	at the waste material being transferred without limitations; pesticides, chlorons than 2 PPM (or PPM with manifects C and D (implementing the Federal or hazardous substance classifications FR part 261, customer (generator) and the substance of	at the waste material being transferred by the above of g, without limitations; pesticides, chlorinated solvents on than 2 PPM (or PPM with manifest), or any other its C and D (implementing the Federal Resource Conse or hazardous substance classification program). Shows FR part 261, customer (generator) agrees to pay for a function of the formal form	at the waste material being transferred by the above collector dog, without limitations; pesticides, chlorinated solvents at concent ons than 2 PPM (or PPM with manifest), or any other material class C and D (implementing the Federal Resource Conservation as or hazardous substance classification program). Should laborate FR part 261, customer (generator) agrees to pay for all disposal formation of the Ashoria PMF Group  DESCRIPTION	at the waste material being transferred by the above collector does not contain arg, without limitations; pesticides, chlorinated solvents at concentrations greater the constant of the period of the	at the waste material being transferred by the above collector does not contain any g, without limitations; pesticides, chlorinated solvents at concentrations greater than 1,000 cons than 2 PPM (or PPM with manifest), or any other material classified as hazardous by ts C and D (implementing the Federal Resource Conservation and Recovery Act, or by all e or hazardous substance classification program). Should laboratory tests find this waste per part 261, customer (generator) agrees to pay for all disposal costs incurred.  **Turning for Asheria PRY Group**  DESCRIPTION**  Date 4/13/  Con taminated 50:/  SUBTOTAL  SUBTOTAL	at the waste material being transferred by the above collector does not contain any g, without limitations; pesticides, chlorinated solvents at concentrations greater than 1,000 PPM, F ons than 2 PPM (or PPM with manifest), or any other material classified as hazardous by 40 CFR ts C and D (implementing the Federal Resource Conservation and Recovery Act, or by any equivale or hazardous substance classification program). Should laboratory tests find this waste product of FR part 261, customer (generator) agrees to pay for all disposal costs incurred.    June

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.



#### Hillsboro Landfill, Inc

3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Ticket# 1053899

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/13/2007

Vehicle#

Volume

Payment Type Credit Account

Container

Manual Ticket#

Driver

gary

Hauling Ticket# Route

Check#

Billing # 00000068

State Waste Code

Gen EPA ID

Manifest

Destination

Grid

PO

9862

Profile

9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Scale

Operator

Inbound

85020

In

04/13/2007 11:38:13 Out 04/13/2007 11:38:13

MAN WEIGHT MAN WEIGHT

jlr jlr Gross Tare Net

37940

Tons

47080 1 b 23.54

16

115

Comments

hld by lindstrom and sons

Consumer Comments? We want to know. Please call.

Proc	<del></del> -	LD%	Oty	MOU	Rate	Tax	Amount	Origin
1 2	Cont Soil Pet-RGC- EVL-Env Fee Lg.		23.54 1	Tons Load	23.01 4.00	45.94	\$541.66 \$4.00	CLATS CLATS

Total Tax Total Ticket

\$45.94 \$591,60

(4)

403WM Driver's Signature



# **B.O.L. / FREIGHT BILL**

Enviro Lo	gie Resources	DATE	4/13/07	
PO BOX 8	0762	STATE	/IENT	
Portland,		PLEASE	E PAY LAST AMOUNT IN BA	LANCE COLUMN
	Combination Bill of	f Lading and f	-reight Bill	
Customer warrants the contaminants including at greater concentration 261, customer subparts state hazardous waste compliance with 40 CF	ia PRP Group - Po Hillsborp Landfill	Unit #:  I by the above co inated solvents at t), or any other m Resource Consen program). Shources to pay for all	Received by (TSD):  llector does not contain any concentrations greater than aterial classified as hazardourvation and Recovery Act, or ld laboratory tests find this w	is by 40 CFR part by any equivalen aste product not ii
QUANTITY	DESCRIPT	ION	CHARGES	BALANCE
20	Non-Regulated Per Contaminated S	tro leum		

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

TOTAL _

SUBTOTAL _____

TAX _____



Hillsbero Landfill, Inc. 3205 SE Minter Bridge Hillsbore, OR, 97123 Ph: (503)-640-9427

Original Ticket# 1053901

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier Ticket Date 04/13/2007
Payment Type Credit Account

ner.

SELFHLD SELF HAULED Vehicle# 00 ....

Container

Volume

Driver Larry

Check#

Billing # ØØØØØ68

Gen EPA ID

Grid

Destination

Manifest

Route

Manual Ticket#

Hauling Ticket#

State Waste Code

P() 9862

Profile

9862 (PCS-Diesel)

160-WIDEPERGRO WIDE PER GROUP Generator

Time

Scale

The W. J. T.

Operator

Inbound

84920

15

111

04/13/2007 11:41:24 Out 04/13/2007 11:41:24 MAN WEIGHT

MAN WEIGHT

CC

Lar e Net

38180 46740

1.b

Tone

Gross

23. 37

Comments

Consumer Comments? We want to know. Please call.

Proc	iuct	LD%	Gty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet RGC - EVL-Env Fee Lg.		23. 37 1	Tons Load	23. Ø1 4. ØØ	45.61	\$537.74 \$4.00	CLATS CLATS

Total Tax Total Ticket

145.61

403WM

(4)



#### **B.O.L. / FREIGHT BILL**

	•			
Enviro Logi	c Resources	DATE	4/13/07	
PO BOX 8	c Resources	STATEM	IENT	
	972 <b>8</b> 0-1762	PLEASE	PAY LAST AMOUNT IN BA	LANCE COLUMN
	Combination Bill of	Lading and F	reight Bill	
Generation: As to	cia PRP Group - Po	ct of As	toria ·	
Receiving Facility:	ria PRP Group - Pa. Hillshorp Landfill			,
Operator: Lindstran	1 500 W.O.#:970004	Unit #:	Received by (TSD);	hau Mom
contaminants including at greater concentration 261, customer subpart state hazardous waste compliance with 40 CF	at the waste material being transferred g, without limitations; pesticides, chloring than 2 PPM (or PPM with manifest is C and D (implementing the Federal or hazardous substance classification FR part 261, customer (generator) agree that the substance classification for for Astoria PRP Groups	nated solvents at ), or any other ma Resource Consel n program). Shoul ees to pay for all o	concentrations greater than aterial classified as hazardou vation and Recovery Act, or d laboratory tests find this w	us by 40 CFR part by any equivalen aste product not in
QUANTITY	DESCRIPTI	ION	CHARGES	BALANCE
<u> </u>	Non-Regulated Petr Contaminated S	coleum Coil		
		NAME OF THE PARTY		

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

SUBTOTAL _____

TOTAL .



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427 Original Ticket# 1053933

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/13/2007 Vehicle# jimwilkins Volume

Payment Type Credit Account Container

Manual Ticket# Driver mike

Hauling Ticket# Check#

Route Billing #
State Waste Code Ben FPA ID

State Waste Code Gen EPĀ ID Manifest na

Destination Grid

Profile 9862 (PCS-Diesel)

Generator 168-WIDEPERGRO WIDE PER GROUP

Time Scale Operator Inbound Gross 84260 lb In 04/13/2007 12:39:53 MAN WEIGHT sdm Tare 30080 lb

0000058

In 04/13/2007 12:39:53 MAN WEIGHT sdm Tare 30080 1b Out 04/13/2007 12:39:53 MAN WEIGHT sdm Net 46180 1b

Comments 23.09

Consumer Comments? We want to know. Please call.

Wh white

Fd	luct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
1	Cont Soil Pet-RGC- EVL-Env Fee Lg.		23,09	Tons Load	23.01 4.00	45. 06	<b>\$531.30</b>	CLATS CLATS

Total Tax Total Ticket

\$45.06 \$580.36

403WM

Territoria Circanteria

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# **B.O.L. / FREIGHT BILL**

Enviro Logic Resources PO BOX 8076Z	
Portland, OR 97280-1762	

**STATEMENT** 

PLEASE PAY LAST AMOUNT IN BALANCE COLUMN

	Combination Bill of Lading and Freigh	nt Bill		
Generation: Aston	ria PRP Group - Port of Astoria			
Receiving Facility:	Hillsborn Landfill		< / / / a	
Operator: Lindstr		ceived by (T\$D):	muy le	
contaminants including at greater concentratio 261, customer subpart state hazardous waste compliance with 40 CF	the waste material being transferred by the above collector g, without limitations; pesticides, chlorinated solvents at concess than 2 PPM (or PPM with manifest), or any other materials C and D (implementing the Federal Resource Conservation or hazardous substance classification program). Should labout Part 261, customer (generator) agrees to pay for all dispose the control of t	entrations greater than classified as hazardou and Recovery Act, or bratory tests find this wa	s by 40 CFR part by any equivalent aste product not in	
Sign	twen Mc aloney ing for Astoria PREFGroup			
QUANTITY	DESCRIPTION	CHARGES	BALANCE	
20	Non-Regulated Petroleum			
	Non-Regulated Petroleum  Contaminated Soil			
		SUBTOTAL		
		TAX		
A EINANCE CHARGE	OF 1.5% per month may be applied to any past due amount	TOTAL		

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

Volume



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503)-640-9427

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier

Ticket Date 04/14/2007

Payment Type Credit Account

Manual Ticket#

Hauling Ticket#

Route

State Wasté Code Manifest

Destination

ΡĐ

 $I_{H}$ 

9862

Profile Generator 9862 (PCS-Diesel)

168-WIDEPERGRO WIDE PER GROUP

Time

04/14/2007 09:43:51

Out 04/14/2007 10:02:50

Scale Inbound i Outbound

Operator 111 jlr

Vehicle特

Container

Billing #

Gen EPA ID

Driver

Check#

Grid

MIKE

00000068

Inbound

SELFHLD SELF HAULED

Gross Tare

95660 40720

54940

Net Tons

27.47

15

Th

15

Comments

HLD BY LINDSTROM AND SONS

Consumer Comments? We want to know. Please call.

we Wi

Product	LD%	Oty	LIOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC- 2 EVL-Env Fee Lg.		27.47 1	Tons Load	23, 01 4, 00	53,61	\$632.08 \$4.00	CLATS CLATS

Total Tax Total Ticket

\$53,61 \$689,69

Driver's Signature

403WM

**(** 



**B.O.L. / FREIGHT BILL** 

Enviro Logic Resources PO Box 8076Z	
Portland, OR 97280-1762	

DATE

**STATEMENT** 

PLEASE PAY LAST AMOUNT IN BALANCE COLUMN

	Combination Dill of Lading and En	* . x . x 2m 511	
Generation: As fact	Combination Bill of Lading and Fre		0
Receiving Facility:	ia PRP Group - Port of Asta Hillsboro Landfill	^ / <i>I</i>	// /
Operator: Lindstrom	/+1'//s boro Landfi'// 13 Son W.O.#:970004 Unit #:	Received by (TSD):	Majon
contaminants including at greater concentration 261, customer subpart state hazardous waste compliance with 40 CF	the waste material being transferred by the above collects, without limitations; pesticides, chlorinated solvents at corns than 2 PPM (or PPM with manifest), or any other materials C and D (implementing the Federal Resource Conservator hazardous substance classification program). Should late R part 261, customer (generator) agrees to pay for all displaned.  The Maloney For Astoria PRP Group	tor does not contain any ncentrations greater than rial classified as hazardou tion and Recovery Act, or aboratory tests find this wa	s by 40 CFR part by any equivalent aste product not in
QUANTITY	DESCRIPTION	CHARGES	BALANCE
20	Non-Regulated Petroleum		
	Non-Regulated Petroleum Contaminated Soil		
	<i>\$</i>		
		SUBTOTAL	
		TAX	
		TOTAL	

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillaboro, OR, 97123 Ph: (503) -640-9427

Original Ticket# 1054274

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier

SELFHLD SELF HAULED Vehicle# jr

Ticket Date 04/16/2007 Payment Type Credit Account

Container

Driver

larry

Check#

Billing # 0000068

Gen EPA ID

Grid

Route State Waste Code

Manifest Destination

Manual Ticket#

Hauling Ticket#

P()

9868

Profile

9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Time

Scale

Operator

Inbound

Gross

04/16/2007 07:58:11

MAN WEIGHT

l md

Tare

Out

In

04/16/2007 07:58:11

MAN WEIGHT

lmd

Net Tons

Comments

hld by lindstrom and sons

Consumer Comments? We want to know. Please call.

.d	uct	LD%	(9 <del>)</del> y	UOM		:e 5	Tax	Amount	Origin	
1 2	Cont Soil Pet-RGC- EVL-Env Fse Lg.	100 100	\25.84 1	Tons Load	j.	23 <b>.</b> 01 .4.00	50.43	*1594.58 *4.00	CLATS CLATS	į N

Total Tax Total Ticket

\$50.43 \$649.01



#### **B.O.L. / FREIGHT BILL**

A DIVISION OF PNE C	CORP. WWW.piiccorp.com		
Enviro PO Box ? Portland,	0R 63780-1267 STATEMENT	LAST AMOUNT IN BAI	-ANCE COLUMN
	Combination Bill of Lading and Freigl	ht Bill	
Generation: 1951			
Receiving Facility:	toria PRP Group - Port of Astoria		
Operator: Lindstro		eceived by (TSQ):	guster Cre
contaminants includir at greater concentrati 261, customer subpa- state hazardous wast compliance with 40 C	nat the waste material being transferred by the above collectoring, without limitations; pesticides, chlorinated solvents at conceions than 2 PPM (or PPM with manifest), or any other material rts C and D (implementing the Federal Resource Conservation e or hazardous substance classification program). Should labour if the part 261, customer (generator) agrees to pay for all dispose that the program of the program is the program of the program of the program is the program of the pro	entrations greater than classified as hazardou and Recovery Act, or pratory tests find this wa	s by 40 CFR part by any equivalent aste product not in
QUANTITY	DESCRIPTION	CHARGES	BALANCE
20	Non-Regulated Petroleum Contaminated Soil		

A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including reasonable attorney's fees.

TOTAL _

SUBTOTAL _____

TAX



Hillsboro Landfill, Inc 3205 SE Minter Bridge Hillsboro, OR, 97123 Ph: (503) -640-9427

Original Ticket# 1054275

Volume

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Ticket Date 04/16/2007

Payment Type Credit Account

Manual Ticket# Hauling Ticket#

Route

State Waste Code Manifest กล

Destination

 $p_0$ 9862

Profile

Generator

9862 (PCS-Diesel)

168-WIDEPERGRO WIDE PER GROUP

Time 04/16/2007 08:00:42 Ĭ'n Out 04/16/2007 08:00:42

Scale MAN WEIGHT MAN WEIGHT

L act bml

Vehicle# jr

gary

0000068

Container

Billing #

Gen EPA ID

Driver

Check#

Grid

Operator

Inbound

Gross 93600 Tarre 37940 Net

16 55660 lb

Tons

27.83

Comments hdl by lindstrom and sons

Consumer Comments? We want to know. Please call.

duct	L1)%	Qt y	LIOM	Rate	Tax	Amount	Origin
1 Cont Soil Pet-RGC - E EVL-Env Fee Lg.		27.83 1	Tons Load	23.01 4.00	54, 33	\$640.37 \$4.00	CLATS CLATS

Total Tax Total Ticket

**\$54,32** \$698,69

3



# **B.O.L. / FREIGHT BILL**

SUBTOTAL ____

	,				
Enviro Lo Po Box Portland,	918 Resources  80762  OR  97280-1762  PLEASE PAY		ALANCE COLUMI		
	Combination Bill of Lading and Freigl	L. P.SII			
Generatior: As f	oria PRP Group - Port of Astoria	ut Bili			
Receiving Facility:	Hillsboro, Landfill	<u>a</u>			
Operator: Cindstr	1410	ceived by (TSD):	111111111111111111111111111111111111111		
261, customer subpa state hazardous wasi compliance with 40 C	ng, without limitations; pesticides, chlorinated solvents at conce ions than 2 PPM (or PPM with manifest), or any other material arts C and D (implementing the Federal Resource Conservation to or hazardous substance classification program). Should labor CFR part 261, customer (generator) agrees to pay for all dispose for the Astoria PRP Group	and Recovery Act. or	is by 40 CFR part by any equivalen aste product not ii		
QUANTITY	DESCRIPTION	CHARGES	CHARGES BALANCE		
<u> </u>	Non-Regulated Potal	7.3.11426	DALANCE		
	Non-Regulated Petroleum  Contaminated Soil				
	301				
	【				

TOTAL ____ A FINANCE CHARGE OF 1.5% per month may be applied to any past due amount. Past due accounts may be placed on C.O.D. without notification. If outside collection action is necessary, purchaser shall pay all costs of collection including

Hillsboro Landfill, Inc 3205 SE Minter Bridge Millsboro, OR, 97123 ÉPh: (503)-640-9427.

Original Ticket# 1054276

Customer Name COWLITZCLEAN COWLITZ CLEAN SW Carrier SELFHLD SELF HAULED

Vehicle# jr

Volume

Ticket Date 04/16/2007
Payment Type Credit Account

Container

Manual Ticket#

Driver

Hauling Ticket#

Check#

Billing # 0000068

mike

State Waste Code Manifest

Gen EPA ID

Destination

Grid

P0Profile

Route

9862

9862 (PCS-Diesel)

Generator

168-WIDEPERGRO WIDE PER GROUP

Time ÎΓ

Scale

Operator

Inbound Gross 94340

04/16/2007 08:02:21 MAN MEIGHT

bml

Tarje

38080 (15)

04/16/2007 08:02:21 MAN WEIGHT bml 🕟

Net '

56260 1b

Tons

28.13

j.b

Comments shid by lindstrom and sons trk

Consumer Comments? We want to know. Please call.

	uct	LD%	Qty	UOM	Rate	Tax	Amount	Origin
, į	Cont Soil Pet-RGC EVL-Env Fee Lg.		88. 13 1		23.01 4.00	54.90	\$647.27 \$4.00	

Total Tax Total Ticket

\$54.90 \$706,17

# APPENDIX C SITE VISIT PHOTOGRAPHS



Photo 1 - Looking NE along newly installed sanitary sewerline trench axis and stockpiles location



Photo 2 - Looking SW along seweline trench axis; cofferdam visible in central portion of photo.



Photo 3 - Close up view looking SW from cofferdam along sanitary sewerline axis.



Photo 4 - Controlled-density fill (CDF cement) cofferdam installed over and around new sewerline and gravelly fill.



Photo 5 - View looking NE along new sanitary sewerline trench; cofferdam in central portion of photo.



Photo 6 - View at trenchwall materials NE of cofferdams; note: top of gravelly fill below surface soil contact with dredged fill.



Photo 7 - View looking E-NE during soil stockpile removal



Photo 8 - View looking SW at soil stockpiles system.



Photo 9 - View looking S-SW during removal of soil stockpiles system.



Photo 10 - View looking SW along newly installed sanitary sewerline during stockpiles system removal.



Photo 11 - View SE during soil stockpile system removal work.



Photo 12 - View E during soil stockpiles system removal work.