

GTS Drywall
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HWA GEOSCIENCES INC.

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www.hwageosciences.com

April 23, 2001

HWA Project No. 98165

City of Everett Public Works Department
3200 Cedar Street
Everett, WA 98201

Attention: Tom Thetford

Subject: Soil Sampling
Everett Landfill
Everett, Washington

Dear Tom,

This letter documents apparent gasoline contamination encountered north of the Everett Landfill by HWA GeoSciences, Inc. (HWA). On March 5, 2001 HWA encountered strong petroleum odors during a test pit exploration program around the Everett Landfill. The odors were encountered at a depth of 8 to 10 feet below ground surface approximately 20 feet south of LG-1 on the north side of 36th Street in Everett, Washington. HWA excavated additional test pits on March 6th to delineate the extent of impacted soil. HWA collected three composite soil samples, one each from three different test pits.

We submitted the samples to North Creek Analytical, Inc., for the following analyses:

Analysis	Method
Petroleum Hydrocarbons - gasoline	WTPH-G
Petroleum Hydrocarbons - diesel & oil	WTPH-D extended
Volatile organic compounds	SW846 #8240
Semivolatile organic compounds	SW846 #8270

Table 1 summarizes the analytical results. Appendix A contains copies of the laboratory reports.

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HYDROGEOLOGY
GEOTECHNICAL ENGINEERING
TESTING & INSPECTION

Table 1
Soil Sample Analytical Results
(all values in mg/kg)

Sample location	TP-4A	TP-4B	TP-4C	Cleanup level A	Cleanup level B
TPH					
WTPH-GASOLINE	6870	4120	2030	100	
WTPH-DIESEL	176	106	104	200	
WTPH-OIL	31.6	<25	39.9	200	
Benzene	<7	<2.5	<2.5	0.5	34.5
Toluene	105	10.8	6.98	40	16000
Ethylbenzene	100	42	23	20	8000
Xylenes	477	186	99.3	20	160000
VOCs*					
n-Butylbenzene	31				
Sec- Butylbenzene	6.27				
Ethylbenzene	62.4			20	8000
Isopropylbenzene	11.7				
p-Isopropyltoluene	14.9				
Naphthalene	57.4				3200
n-Propylbenzene	39.3				
Toluene	37.2			40	16000
1,2,4-Trimethylbenzene	234				
1,3,5-Trimethylbenzene	57.9				
m,p-Xylenc	271			20	160000
o-Xylene	103			20	160000
SVOCs*					
2-Methylnaphthalene	20.2				
Naphthalene	17.5				3200

A - MTCA Method A soil cleanup levels

B - MTCA Method B soil cleanup levels

Blank - not analyzed / no cleanup level

Bold indicates exceedance of Method A or B cleanup level

* No other method-listed VOCs/SVOCs/metals detected above reporting limits
(see

Appendix A for list of compounds analyzed)

April 23, 2001
HWA Project No. 98165

Laboratory analysis of the three samples suggests the presence of weathered gasoline contamination in the area just north of gas probe LG-1 on the north side of 36th Street. HWA was unable to delineate the northern edge of impacted soil as it appears it lies underneath fill soils beneath City of Everett property currently leased to GT Drywall.

Reporting Requirements

Pursuant to MTCA regulations (Chapter 173-340-300 WAC), the property owner or operator may be required to notify Ecology within 90 days of discovery that an uncontrolled release of a hazardous substance was discovered. This report may be used for reporting purposes. The local Ecology office is:

Washington State Department of Ecology
Northwest regional office
3190 160th Ave. SE
Bellevue, WA 98008-5452
(425) 649-7000



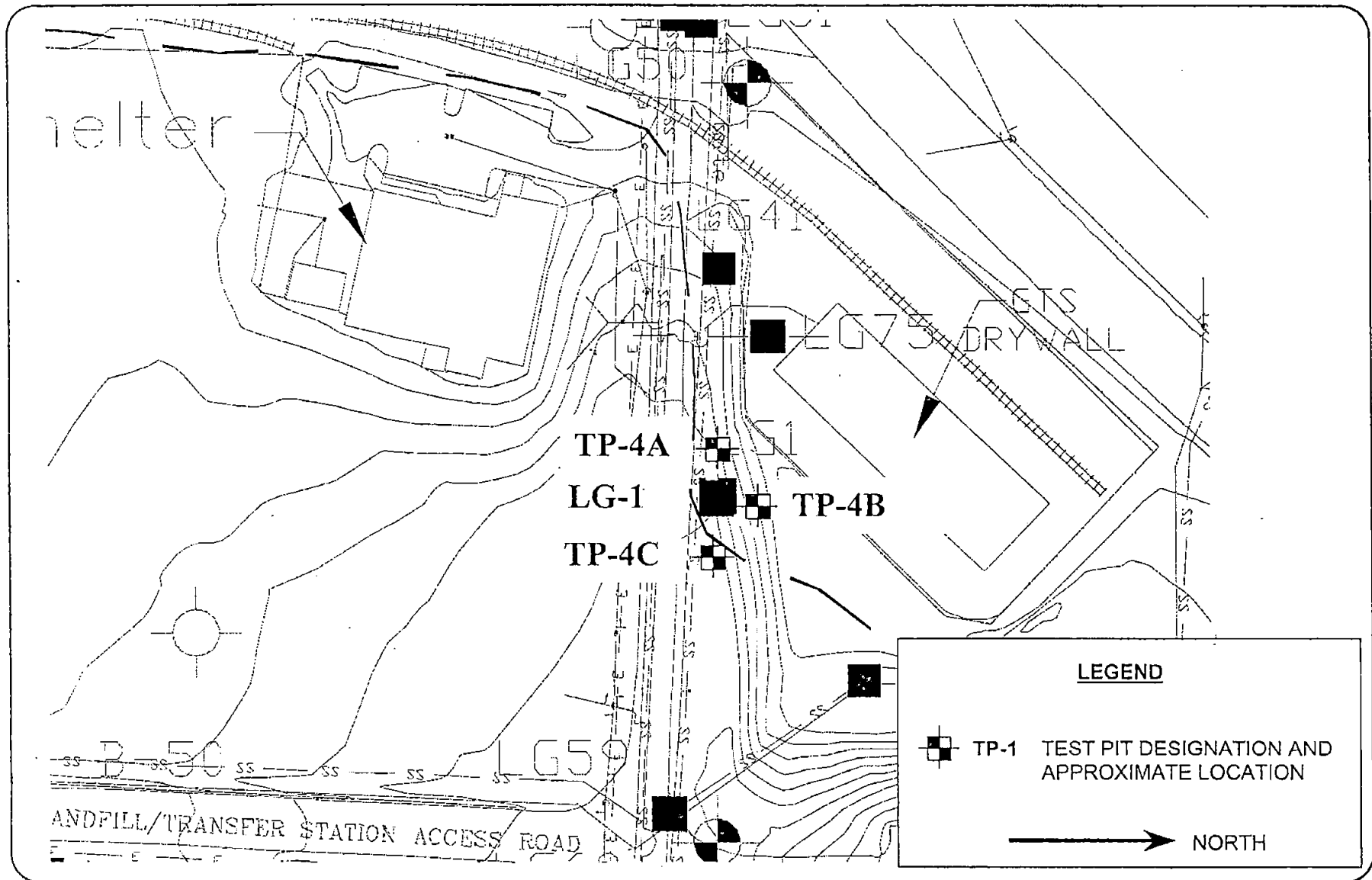
We appreciate the opportunity to provide our services. Please feel free to call me if you have any questions or need additional information.

Sincerely,

HWA GeoSciences Inc.

A handwritten signature in black ink, appearing to read "Arnie Sugar".

For Arnie Sugar, R.G.
Senior Environmental Geologist





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Hong West 19730 64th Ave W., Ste 200 Lynnwood WA, 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
TP-4A	B1C0283-01	Soil	03/13/01 11:30	03/13/01 14:55
TP-4B	B1C0283-02	Soil	03/13/01 11:50	03/13/01 14:55
TP-4C	B1C0283-03	Soil	03/13/01 12:05	03/13/01 14:55

North Creek Analytical - Bothell

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.


 Jeanne Garthwaite, Project Manager

North Creek Analytical, Inc.
 Environmental Laboratory Network



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 541.363.9310 fax 541.382.7586

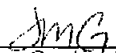
Hong West 19730 64th Ave W., Ste 200 Lynnwood WA, 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-4A (B1C0283-01) Soil Sampled: 03/13/01 11:30 Received: 03/13/01 14:55									
Gasoline Range Hydrocarbons	6870	250	mg/kg dry	50	1C16013	03/16/01	03/18/01	NWTPH-Gx/8021B	
Benzene	ND	7.00	"	100	"	"	03/20/01	"	R-03
Toluene	105	2.50	"	50	"	"	03/18/01	"	
Ethylbenzene	100	2.50	"	"	"	"	"	"	
Xylenes (total)	477	5.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	%	50-150			"	"	"	"	S-01
Surrogate: 4-BFB (PID)	%	50-150			"	"	"	"	S-01
TP-4B (B1C0283-02) Soil Sampled: 03/13/01 11:50 Received: 03/13/01 14:55									
Gasoline Range Hydrocarbons	4120	100	mg/kg dry	20	1C16013	03/16/01	03/17/01	NWTPH-Gx/8021B	
Benzene	ND	2.50	"	50	"	"	03/19/01	"	
Toluene	10.8	1.00	"	20	"	"	03/17/01	"	
Ethylbenzene	42.0	1.00	"	"	"	"	"	"	
Xylenes (total)	186	2.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	%	50-150			"	"	"	"	S-01
Surrogate: 4-BFB (PID)	%	50-150			"	"	"	"	S-01
TP-4C (B1C0283-03) Soil Sampled: 03/13/01 12:05 Received: 03/13/01 14:55									
Gasoline Range Hydrocarbons	2030	50.0	mg/kg dry	10	1C16013	03/16/01	03/18/01	NWTPH-Gx/8021B	
Benzene	ND	2.50	"	50	"	"	03/20/01	"	
Toluene	6.98	0.500	"	10	"	"	03/18/01	"	
Ethylbenzene	23.0	0.500	"	"	"	"	"	"	
Xylenes (total)	99.3	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	%	50-150			"	"	"	"	S-01
Surrogate: 4-BFB (PID)	%	50-150			"	"	"	"	S-01

North Creek Analytical - Bothell

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 Jeane Garthwaite, Project Manager

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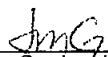
Hong West 19730 64th Ave W., Ste 200 Lynnwood WA, 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up)
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-4A (B1C0283-01) Soil Sampled: 03/13/01 11:30 Received: 03/13/01 14:55									
Diesel Range Hydrocarbons	176	10.0	mg/kg dry	1	1C16035	03/16/01	03/17/01	NWTPH-Dx	
Lube Oil Range Hydrocarbons	31.6	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	97.1 %	50-150			"	"	"	"	
Surrogate: Octacosane	87.6 %	50-150			"	"	"	"	
TP-4B (B1C0283-02) Soil Sampled: 03/13/01 11:50 Received: 03/13/01 14:55									
Diesel Range Hydrocarbons	106	10.0	mg/kg dry	1	1C16035	03/16/01	03/17/01	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	94.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	85.3 %	50-150			"	"	"	"	
TP-4C (B1C0283-03) Soil Sampled: 03/13/01 12:05 Received: 03/13/01 14:55									
Diesel Range Hydrocarbons	104	10.0	mg/kg dry	1	1C16035	03/16/01	03/17/01	NWTPH-Dx	
Lube Oil Range Hydrocarbons	39.9	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	95.2 %	50-150			"	"	"	"	
Surrogate: Octacosane	88.3 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

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 Jeanne Garthwaite, Project Manager

North Creek Analytical, Inc.
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Hong West 19730 64th Ave W., Ste 200 Lynnwood WA. 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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**Volatile Organic Compounds by EPA Method 8260B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-4A (B1C0283-01) Soil Sampled: 03/13/01 11:30 Received: 03/13/01 14:55									
Acetone	ND	1.00	mg/kg dry	1	1C23029	03/23/01	03/26/01	EPA 8260B	
Benzene	ND	0.100	"	"	"	"	"	"	"
Bromobenzene	ND	0.100	"	"	"	"	"	"	"
Bromochloromethane	ND	0.100	"	"	"	"	"	"	"
Bromodichloromethane	ND	0.100	"	"	"	"	"	"	"
Bromoform	ND	0.100	"	"	"	"	"	"	"
Bromomethane	ND	0.100	"	"	"	"	"	"	"
2-Butanone	ND	1.00	"	"	"	"	"	"	"
n-Butylbenzene	31.0	4.00	"	40	"	"	03/27/01	"	"
sec-Butylbenzene	6.27	0.100	"	1	"	"	03/26/01	"	"
tert-Butylbenzene	ND	0.100	"	"	"	"	"	"	"
Carbon disulfide	ND	0.100	"	"	"	"	"	"	"
Carbon tetrachloride	ND	0.100	"	"	"	"	"	"	"
Chlorobenzene	ND	0.100	"	"	"	"	"	"	"
Chloroethane	ND	0.100	"	"	"	"	"	"	"
Chloroform	ND	0.100	"	"	"	"	"	"	"
Chloromethane	ND	0.500	"	"	"	"	"	"	"
2-Chlorotoluene	ND	0.100	"	"	"	"	"	"	"
4-Chlorotoluene	ND	0.100	"	"	"	"	"	"	"
Dibromochloromethane	ND	0.100	"	"	"	"	"	"	"
1,2-Dibromo-3-chloropropane	ND	0.500	"	"	"	"	"	"	"
1,2-Dibromoethane	ND	0.100	"	"	"	"	"	"	"
Dibromomethane	ND	0.100	"	"	"	"	"	"	"
1,2-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	"
1,3-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	"
1,4-Dichlorobenzene	ND	0.100	"	"	"	"	"	"	"
Dichlorodifluoromethane	ND	0.100	"	"	"	"	"	"	"
1,1-Dichloroethane	ND	0.100	"	"	"	"	"	"	"
1,2-Dichloroethane	ND	0.100	"	"	"	"	"	"	"
1,1-Dichloroethene	ND	0.100	"	"	"	"	"	"	"
cis-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	"
trans-1,2-Dichloroethene	ND	0.100	"	"	"	"	"	"	"
1,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	"
1,3-Dichloropropane	ND	0.100	"	"	"	"	"	"	"
2,2-Dichloropropane	ND	0.100	"	"	"	"	"	"	"
1,1-Dichloropropene	ND	0.100	"	"	"	"	"	"	"
cis-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	"
trans-1,3-Dichloropropene	ND	0.100	"	"	"	"	"	"	"

North Creek Analytical - Bothell

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 Jeanne Garthwaite, Project Manager

North Creek Analytical, Inc.
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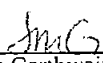
Hong West 19730 64th Ave W.. Ste 200 Lynnwood WA. 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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**Volatile Organic Compounds by EPA Method 8260B
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-4A (B1C0283-01) Soil Sampled: 03/13/01 11:30 Received: 03/13/01 14:55									
Ethylbenzene	62.4	4.00	mg/kg dry	40	1C23029	03/23/01	03/27/01	EPA 8260B	
Hexachlorobutadiene	ND	0.100	"	1	"	"	03/26/01	"	
2-Hexanone	ND	1.00	"	"	"	"	"	"	
Isopropylbenzene	11.7	4.00	"	40	"	"	03/27/01	"	
p-Isopropyltoluene	14.9	4.00	"	"	"	"	"	"	
Methylene chloride	ND	1.00	"	1	"	"	03/26/01	"	
4-Methyl-2-pentanone	ND	1.00	"	"	"	"	"	"	
Naphthalene	57.4	4.00	"	40	"	"	03/27/01	"	
n-Propylbenzene	39.3	4.00	"	"	"	"	"	"	
Styrene	ND	0.100	"	1	"	"	03/26/01	"	
1,1,1,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2,2-Tetrachloroethane	ND	0.100	"	"	"	"	"	"	
Tetrachloroethene	ND	0.100	"	"	"	"	"	"	
Toluene	37.2	4.00	"	40	"	"	03/27/01	"	
1,2,3-Trichlorobenzene	ND	0.100	"	1	"	"	03/26/01	"	
1,2,4-Trichlorobenzene	ND	0.100	"	"	"	"	"	"	
1,1,1-Trichloroethane	ND	0.100	"	"	"	"	"	"	
1,1,2-Trichloroethane	ND	0.100	"	"	"	"	"	"	
Trichloroethene	ND	0.100	"	"	"	"	"	"	
Trichlorofluoromethane	ND	0.100	"	"	"	"	"	"	
1,2,3-Trichloropropane	ND	0.100	"	"	"	"	"	"	
1,2,4-Trimethylbenzene	234	4.00	"	40	"	"	03/27/01	"	
1,3,5-Trimethylbenzene	57.9	4.00	"	"	"	"	"	"	
Vinyl chloride	ND	0.100	"	1	"	"	03/26/01	"	
m,p-Xylene	271	8.00	"	40	"	"	03/27/01	"	
o-Xylene	103	4.00	"	"	"	"	"	"	
Surrogate: 1,2-DCA-d4	125 %	57-139					03/26/01	"	
Surrogate: Toluene-d8	83.1 %	66-122					"	"	
Surrogate: 4-BFB	81.9 %	62-121					"	"	

North Creek Analytical - Bothell

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 Jeanne Garthwaite, Project Manager

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Hong West
 19730 64th Ave W., Ste 200
 Lynnwood WA, 98036

Project: Everett Landfill
 Project Number: Not Provided
 Project Manager: Jim Bailey

Reported:
 03/28/01 14:59

Semivolatile Organic Compounds by EPA Method 8270C
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-4A (B1C0283-01) Soil Sampled: 03/13/01 11:30 Received: 03/13/01 14:55									
Acenaphthene	ND	1.65	mg/kg dry	5	1C26003	03/26/01	03/27/01	EPA 8270C	
Acenaphthylene	ND	1.65	"	"	"	"	"	"	
Aniline	ND	1.65	"	"	"	"	"	"	
Anthracene	ND	1.65	"	"	"	"	"	"	
Benzoic Acid	ND	5.00	"	"	"	"	"	"	
Benzo (a) anthracene	ND	1.65	"	"	"	"	"	"	
Benzo (b) fluoranthene	ND	1.65	"	"	"	"	"	"	
Benzo (k) fluoranthene	ND	1.65	"	"	"	"	"	"	
Benzo (ghi) perylene	ND	1.65	"	"	"	"	"	"	
Benzo (a) pyrene	ND	1.65	"	"	"	"	"	"	
Benzyl alcohol	ND	1.65	"	"	"	"	"	"	
Bis(2-chloroethoxy)methane	ND	1.65	"	"	"	"	"	"	
Bis(2-chloroethyl)ether	ND	1.65	"	"	"	"	"	"	
Bis(2-chloroisopropyl)ether	ND	1.65	"	"	"	"	"	"	
Bis(2-ethylhexyl)phthalate	ND	1.65	"	"	"	"	"	"	
4-Bromophenyl phenyl ether	ND	1.65	"	"	"	"	"	"	
Butyl benzyl phthalate	ND	1.65	"	"	"	"	"	"	
Carbazole	ND	1.65	"	"	"	"	"	"	
4-Chloroaniline	ND	2.50	"	"	"	"	"	"	
2-Chloronaphthalene	ND	1.65	"	"	"	"	"	"	
4-Chloro-3-methylphenol	ND	1.65	"	"	"	"	"	"	
2-Chlorophenol	ND	1.65	"	"	"	"	"	"	
4-Chlorophenyl phenyl ether	ND	1.65	"	"	"	"	"	"	
Chrysene	ND	1.65	"	"	"	"	"	"	
Dibenz (a,h) anthracene	ND	1.65	"	"	"	"	"	"	
Dibenzofuran	ND	1.65	"	"	"	"	"	"	
Di-n-butyl phthalate	ND	1.65	"	"	"	"	"	"	
1,3-Dichlorobenzene	ND	1.65	"	"	"	"	"	"	
1,4-Dichlorobenzene	ND	1.65	"	"	"	"	"	"	
1,2-Dichlorobenzene	ND	1.65	"	"	"	"	"	"	
3,3'-Dichlorobenzidine	ND	25.0	"	"	"	"	"	"	
2,4-Dichlorophenol	ND	1.65	"	"	"	"	"	"	
Diethyl phthalate	ND	1.65	"	"	"	"	"	"	
2,4-Dimethylphenol	ND	1.65	"	"	"	"	"	"	
Dimethyl phthalate	ND	1.65	"	"	"	"	"	"	
4,6-Dinitro-2-methylphenol	ND	2.50	"	"	"	"	"	"	
2,4-Dinitrophenol	ND	2.50	"	"	"	"	"	"	
2,4-Dinitrotoluene	ND	2.50	"	"	"	"	"	"	

North Creek Analytical - Bothell

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Hong West 19730 64th Ave W., Ste 200 Lynnwood WA, 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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**Semivolatile Organic Compounds by EPA Method 8270C
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-4A (B1C0283-01) Soil Sampled: 03/13/01 11:30 Received: 03/13/01 14:55									
2,6-Dinitrotoluene	ND	2.50	mg/kg dry	5	1C26003	03/26/01	03/27/01	EPA 8270C	
Di-n-octyl phthalate	ND	1.65	"	"	"	"	"	"	
Fluoranthene	ND	1.65	"	"	"	"	"	"	
Fluorene	ND	1.65	"	"	"	"	"	"	
Hexachlorobenzene	ND	1.65	"	"	"	"	"	"	
Hexachlorobutadiene	ND	1.65	"	"	"	"	"	"	
Hexachlorocyclopentadiene	ND	2.50	"	"	"	"	"	"	
Hexachloroethane	ND	1.65	"	"	"	"	"	"	
Indeno (1,2,3-cd) pyrene	ND	1.65	"	"	"	"	"	"	
Isophorone	ND	1.65	"	"	"	"	"	"	
2-Methylnaphthalene	20.2	1.65	"	"	"	"	"	"	
2-Methylphenol	ND	1.65	"	"	"	"	"	"	
3 & 4-Methylphenol	ND	1.65	"	"	"	"	"	"	
Naphthalene	17.5	1.65	"	"	"	"	"	"	
2-Nitroaniline	ND	2.50	"	"	"	"	"	"	
3-Nitroaniline	ND	2.50	"	"	"	"	"	"	
4-Nitroaniline	ND	2.50	"	"	"	"	"	"	
Nitrobenzene	ND	1.65	"	"	"	"	"	"	
2-Nitrophenol	ND	1.65	"	"	"	"	"	"	
4-Nitrophenol	ND	2.50	"	"	"	"	"	"	
N-Nitrosodiphenylamine	ND	1.65	"	"	"	"	"	"	
N-Nitrosodi-n-propylamine	ND	1.65	"	"	"	"	"	"	
Pentachlorophenol	ND	2.50	"	"	"	"	"	"	
Phenanthrene	ND	1.65	"	"	"	"	"	"	
Phenol	ND	1.65	"	"	"	"	"	"	
Pyrene	ND	1.65	"	"	"	"	"	"	
1,2,4-Trichlorobenzene	ND	1.65	"	"	"	"	"	"	
2,4,5-Trichlorophenol	ND	1.65	"	"	"	"	"	"	
2,4,6-Trichlorophenol	ND	1.65	"	"	"	"	"	"	
Surrogate: 2-FP	109 %	10-123			"	"	"	"	
Surrogate: Phenol-d6	94.4 %	10-130			"	"	"	"	
Surrogate: 2,4,6-TBP	80.8 %	10-131			"	"	"	"	
Surrogate: Nitrobenzene-d5	89.7 %	10-126			"	"	"	"	
Surrogate: 2-FBP	96.7 %	24-125			"	"	"	"	
Surrogate: p-Terphenyl-d14	97.7 %	45-135			"	"	"	"	

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Hong West 19730 64th Ave W., Ste 200 Lynnwood WA, 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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**Physical Parameters by APHA/ASTM/EPA Methods
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
TP-4A (B1C0283-01) Soil Sampled: 03/13/01 11:30 Received: 03/13/01 14:55									
Dry Weight	78.0	1.00	%	1	1C19010	03/19/01	03/20/01	BSOPSPL003R07	
TP-4B (B1C0283-02) Soil Sampled: 03/13/01 11:50 Received: 03/13/01 14:55									
Dry Weight	74.7	1.00	%	1	1C19010	03/19/01	03/20/01	BSOPSPL003R07	
TP-4C (B1C0283-03) Soil Sampled: 03/13/01 12:05 Received: 03/13/01 14:55									
Dry Weight	73.5	1.00	%	1	1C19010	03/19/01	03/20/01	BSOPSPL003R07	

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Hong West 19730 64th Ave W., Ste 200 Lynnwood WA. 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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**Volatile Petroleum Products and BTEX by NWTPH-Gx and EPA 8021B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1C16013: Prepared 03/16/01 Using EPA 5030B (MeOH)

Blank (1C16013-BLK1)

Gasoline Range Hydrocarbons	ND	5.00	mg/kg wet							
Benzene	ND	0.0500	"							
Toluene	ND	0.0500	"							
Ethylbenzene	ND	0.0500	"							
Xylenes (total)	ND	0.100	"							
Surrogate: 4-BFB (FID)	4.45		"	4.00		111	50-150			
Surrogate: 4-BFB (PID)	3.81		"	4.00		95.2	50-150			

LCS (1C16013-BS1)

Gasoline Range Hydrocarbons	24.6	5.00	mg/kg wet	25.0		98.4	70-130			
Surrogate: 4-BFB (FID)	4.70		"	4.00		118	50-150			

Duplicate (1C16013-DUP1)

Source: B1C0233-08

Gasoline Range Hydrocarbons	ND	5.00	mg/kg dry	ND				8.37	50	
Surrogate: 4-BFB (FID)	4.43		"	4.34		102	50-150			

Duplicate (1C16013-DUP2)

Source: B1C0283-02

Gasoline Range Hydrocarbons	5070	100	mg/kg dry	4120				207	50	
Surrogate: 4-BFB (FID)	0.00		"	5.35			50-150			5.01

Matrix Spike (1C16013-MS1)

Source: B1C0233-03

Benzene	0.503	0.0500	mg/kg dry	0.546	ND	91.3	60-140			
Toluene	0.488	0.0500	"	0.546	ND	87.1	60-140			
Ethylbenzene	0.506	0.0500	"	0.546	ND	92.7	60-140			
Xylenes (total)	1.50	0.100	"	1.64	ND	90.5	60-140			
Surrogate: 4-BFB (PID)	4.11		"	4.37		94.1	50-150			

Matrix Spike Dup (1C16013-MSD1)

Source: B1C0233-03

Benzene	0.507	0.0500	mg/kg dry	0.546	ND	92.0	60-140	0.792	20	
Toluene	0.492	0.0500	"	0.546	ND	87.8	60-140	0.816	20	
Ethylbenzene	0.512	0.0500	"	0.546	ND	93.8	60-140	1.18	20	
Xylenes (total)	1.52	0.100	"	1.64	ND	91.7	60-140	1.32	20	
Surrogate: 4-BFB (PID)	4.11		"	4.37		94.1	50-150			

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Hong West 19730 64th Ave W., Ste 200 Lynnwood WA, 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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**Semivolatile Petroleum Products by NWTPH-Dx (w/o Acid/Silica Gel Clean-up) - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC %REC Limits	RPD	RPD Limit	Notes
Batch 1C16035: Prepared 03/16/01 Using EPA 3550B									
Blank (1C16035-BLK1)									
Diesel Range Hydrocarbons	ND	10.0	mg/kg wet						
Lube Oil Range Hydrocarbons	ND	25.0	"						
Surrogate: 2-FBP	8.59		"	10.7		80.3 50-150			
Surrogate: Octacosane	9.18		"	10.7		85.8 50-150			
LCS (1C16035-BS1)									
Diesel Range Hydrocarbons	64.7	10.0	mg/kg wet	66.7		97.0 64-122			
Surrogate: 2-FBP	9.77		"	10.7		91.3 50-150			
LCS Dup (1C16035-BSD1)									
Diesel Range Hydrocarbons	62.9	10.0	mg/kg wet	66.7		94.3 64-122	2.82	20	
Surrogate: 2-FBP	9.38		"	10.7		87.7 50-150			
Matrix Spike (1C16035-MS1)									
					Source: B1C0312-09				
Diesel Range Hydrocarbons	69.9	10.0	mg/kg dry	71.4	ND	92.6 50-150			
Surrogate: 2-FBP	10.0		"	11.4		87.7 50-150			
Matrix Spike Dup (1C16035-MSD1)									
					Source: B1C0312-09				
Diesel Range Hydrocarbons	73.0	10.0	mg/kg dry	71.4	ND	97.0 50-150	4.34	40	
Surrogate: 2-FBP	10.8		"	11.4		94.7 50-150			

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Hong West
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Project: Everett Landfill
 Project Number: Not Provided
 Project Manager: Jim Bailey

Reported:
 03/28/01 14:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1C23029: Prepared 03/23/01 Using EPA 5030B [P/T]

Blank (1C23029-BLK1)

Acetone	ND	1.00	mg/kg wet							
Benzene	ND	0.100	"							
Bromobenzene	ND	0.100	"							
Bromochloromethane	ND	0.100	"							
Bromodichloromethane	ND	0.100	"							
Bromoform	ND	0.100	"							
Bromomethane	ND	0.100	"							
2-Butanone	ND	1.00	"							
n-Butylbenzene	ND	0.100	"							
sec-Butylbenzene	ND	0.100	"							
tert-Butylbenzene	ND	0.100	"							
Carbon disulfide	ND	0.100	"							
Carbon tetrachloride	ND	0.100	"							
Chlorobenzene	ND	0.100	"							
Chloroethane	ND	0.100	"							
Chloroform	ND	0.100	"							
Chloromethane	ND	0.500	"							
2-Chlorotoluene	ND	0.100	"							
4-Chlorotoluene	ND	0.100	"							
Dibromochloromethane	ND	0.100	"							
1,2-Dibromo-3-chloropropane	ND	0.500	"							
1,2-Dibromoethane	ND	0.100	"							
Dibromomethane	ND	0.100	"							
1,2-Dichlorobenzene	ND	0.100	"							
1,3-Dichlorobenzene	ND	0.100	"							
1,4-Dichlorobenzene	ND	0.100	"							
Dichlorodifluoromethane	ND	0.100	"							
1,1-Dichloroethane	ND	0.100	"							
1,2-Dichloroethane	ND	0.100	"							
1,1-Dichloroethene	ND	0.100	"							
cis-1,2-Dichloroethene	ND	0.100	"							
trans-1,2-Dichloroethene	ND	0.100	"							
1,2-Dichloropropane	ND	0.100	"							
1,3-Dichloropropane	ND	0.100	"							

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Hong West
 19730 64th Ave W., Ste 200
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Project: Everett Landfill
 Project Number: Not Provided
 Project Manager: Jim Bailey

Reported:
 03/28/01 14:59

Volatile Organic Compounds by EPA Method 8260B - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1C23029: Prepared 03/23/01 Using EPA 5030B [P/T]

Blank (1C23029-BLK1)

2,2-Dichloropropane	ND	0.100	mg/kg wet							
1,1-Dichloropropene	ND	0.100	"							
cis-1,3-Dichloropropene	ND	0.100	"							
trans-1,3-Dichloropropene	ND	0.100	"							
Ethylbenzene	ND	0.100	"							
Hexachlorobutadiene	ND	0.100	"							
2-Hexanone	ND	1.00	"							
Isopropylbenzene	ND	0.100	"							
p-Isopropyltoluene	ND	0.100	"							
Methylene chloride	ND	1.00	"							
4-Methyl-2-pentanone	ND	1.00	"							
Naphthalene	ND	0.100	"							
n-Propylbenzene	ND	0.100	"							
Styrene	ND	0.100	"							
1,1,1,2-Tetrachloroethane	ND	0.100	"							
1,1,2,2-Tetrachloroethane	ND	0.100	"							
Tetrachloroethene	ND	0.100	"							
Toluene	ND	0.100	"							
1,2,3-Trichlorobenzene	ND	0.100	"							
1,2,4-Trichlorobenzene	ND	0.100	"							
1,1,1-Trichloroethane	ND	0.100	"							
1,1,2-Trichloroethane	ND	0.100	"							
Trichloroethene	ND	0.100	"							
Trichlorofluoromethane	ND	0.100	"							
1,2,3-Trichloropropane	ND	0.100	"							
1,2,4-Trimethylbenzene	ND	0.100	"							
1,3,5-Trimethylbenzene	ND	0.100	"							
Vinyl chloride	ND	0.100	"							
m,p-Xylene	ND	0.200	"							
o-Xylene	ND	0.100	"							
Surrogate: 1,2-DCA-d4	3.93		"	4.02		97.8	57-139			
Surrogate: Toluene-d8	3.71		"	4.02		92.3	66-122			
Surrogate: 4-BFB	3.88		"	4.02		96.5	62-121			

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**Volatile Organic Compounds by EPA Method 8260B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1C23029: Prepared 03/23/01 Using EPA 5030B [P/T]

LCS (1C23029-BS1)

Benzene	1.04	0.100	mg/kg wet	1.00		104	73-133			
Chlorobenzene	1.02	0.100	"	1.00		102	69-130			
1,1-Dichloroethene	0.965	0.100	"	1.00		96.5	51-130			
Toluene	0.963	0.100	"	1.00		96.3	68-130			
Trichloroethene	1.07	0.100	"	1.00		107	66-135			
Surrogate: 1,2-DCA-d4	3.87		"	4.02		96.3	57-139			
Surrogate: Toluene-d8	3.57		"	4.02		88.8	66-122			
Surrogate: 4-BFB	3.87		"	4.02		96.3	62-121			

LCS Dup (1C23029-BSD1)

Benzene	1.05	0.100	mg/kg wet	1.00		105	73-133	0.957	20	
Chlorobenzene	1.05	0.100	"	1.00		105	69-130	2.90	20	
1,1-Dichloroethene	0.991	0.100	"	1.00		99.1	51-130	2.66	20	
Toluene	0.980	0.100	"	1.00		98.0	68-130	1.75	20	
Trichloroethene	1.10	0.100	"	1.00		110	66-135	2.76	20	
Surrogate: 1,2-DCA-d4	3.93		"	4.02		97.8	57-139			
Surrogate: Toluene-d8	3.67		"	4.02		91.3	66-122			
Surrogate: 4-BFB	3.93		"	4.02		97.8	62-121			

Matrix Spike (1C23029-MS1)

Source: BIC0534-01

Benzene	1.10	0.100	mg/kg dry	1.05	ND	105	62-138			
Chlorobenzene	1.07	0.100	"	1.05	ND	102	56-132			
1,1-Dichloroethene	1.05	0.100	"	1.05	ND	100	41-131			
Toluene	1.02	0.100	"	1.05	ND	97.1	44-133			
Trichloroethene	1.15	0.100	"	1.05	ND	110	61-139			
Surrogate: 1,2-DCA-d4	4.10		"	4.23		96.9	57-139			
Surrogate: Toluene-d8	3.83		"	4.23		90.5	66-122			
Surrogate: 4-BFB	4.07		"	4.23		96.2	62-121			

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**Volatile Organic Compounds by EPA Method 8260B - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1C23029: Prepared 03/23/01 Using EPA 5030B [P/T]										
Matrix Spike Dup (1C23029-MSD1)					Source: B1C0534-01					
Benzene	1.03	0.100	mg/kg dry	1.05	ND	98.1	62-138	6.57	25	
Chlorobenzene	1.00	0.100	"	1.05	ND	95.2	56-132	6.76	25	
1,1-Dichloroethene	0.960	0.100	"	1.05	ND	91.4	41-131	8.96	25	
Toluene	0.971	0.100	"	1.05	ND	92.5	44-133	4.92	25	
Trichloroethene	1.07	0.100	"	1.05	ND	102	61-139	7.21	25	
Surrogate: 1,2-DCA-d4	3.93		"	4.23		92.9	57-139			
Surrogate: Toluene-d8	3.75		"	4.23		88.7	66-122			
Surrogate: 4-BFB	3.90		"	4.23		92.2	62-121			

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Hong West
 19730 64th Ave W., Ste 200
 Lynnwood WA, 98036

Project: Everett Landfill
 Project Number: Not Provided
 Project Manager: Jim Bailey

Reported:
 03/28/01 14:59

**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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
Batch 1C26003: Prepared 03/26/01 Using EPA 3550B

Blank (1C26003-BLK1)

Acenaphthene	ND	0.330	mg/kg wet							
Acenaphthylene	ND	0.330	"							
Aniline	ND	0.330	"							
Anthracene	ND	0.330	"							
Benzoic Acid	ND	1.00	"							
Benzo (a) anthracene	ND	0.330	"							
Benzo (b) fluoranthene	ND	0.330	"							
Benzo (k) fluoranthene	ND	0.330	"							
Benzo (ghi) perylene	ND	0.330	"							
Benzo (a) pyrene	ND	0.330	"							
Benzyl alcohol	ND	0.330	"							
Bis(2-chloroethoxy)methane	ND	0.330	"							
Bis(2-chloroethyl)ether	ND	0.330	"							
Bis(2-chloroisopropyl)ether	ND	0.330	"							
Bis(2-ethylhexyl)phthalate	ND	0.330	"							
4-Bromophenyl phenyl ether	ND	0.330	"							
Butyl benzyl phthalate	ND	0.330	"							
Carbazole	ND	0.330	"							
4-Chloroaniline	ND	0.500	"							
2-Chloronaphthalene	ND	0.330	"							
4-Chloro-3-methylphenol	ND	0.330	"							
2-Chlorophenol	ND	0.330	"							
4-Chlorophenyl phenyl ether	ND	0.330	"							
Chrysene	ND	0.330	"							
Dibenz (a,h) anthracene	ND	0.330	"							
Dibenzofuran	ND	0.330	"							
Di-n-butyl phthalate	ND	0.330	"							
1,3-Dichlorobenzene	ND	0.330	"							
1,4-Dichlorobenzene	ND	0.330	"							
1,2-Dichlorobenzene	ND	0.330	"							
3,3'-Dichlorobenzidine	ND	5.00	"							
2,4-Dichlorophenol	ND	0.330	"							
Diethyl phthalate	ND	0.330	"							
2,4-Dimethylphenol	ND	0.330	"							

North Creek Analytical - Bothell

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Hong West
 19730 64th Ave W., Ste 200
 Lynnwood WA, 98036

Project: Everett Landfill
 Project Number: Not Provided
 Project Manager: Jim Bailey

Reported:
 03/28/01 14:59

Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1C26003: Prepared 03/26/01 Using EPA 3550B

Blank (1C26003-BLK1)

Dimethyl phthalate	ND	0.330	mg/kg wet							
4,6-Dinitro-2-methylphenol	ND	0.500	"							
2,4-Dinitrophenol	ND	0.500	"							
2,4-Dinitrotoluene	ND	0.500	"							
2,6-Dinitrotoluene	ND	0.500	"							
Di-n-octyl phthalate	ND	0.330	"							
Fluoranthene	ND	0.330	"							
Fluorene	ND	0.330	"							
Hexachlorobenzene	ND	0.330	"							
Hexachlorobutadiene	ND	0.330	"							
Hexachlorocyclopentadiene	ND	0.500	"							
Hexachloroethane	ND	0.330	"							
Indeno (1,2,3-cd) pyrene	ND	0.330	"							
Isophorone	ND	0.330	"							
2-Methylnaphthalene	ND	0.330	"							
2-Methylphenol	ND	0.330	"							
3 & 4-Methylphenol	ND	0.330	"							
Naphthalene	ND	0.330	"							
2-Nitroaniline	ND	0.500	"							
3-Nitroaniline	ND	0.500	"							
4-Nitroaniline	ND	0.500	"							
Nitrobenzene	ND	0.330	"							
2-Nitrophenol	ND	0.330	"							
4-Nitrophenol	ND	0.500	"							
N-Nitrosodiphenylamine	ND	0.330	"							
N-Nitrosodi-n-propylamine	ND	0.330	"							
Pentachlorophenol	ND	0.500	"							
Phenanthrene	ND	0.330	"							
Phenol	ND	0.330	"							
Pyrene	ND	0.330	"							
1,2,4-Trichlorobenzene	ND	0.330	"							
2,4,5-Trichlorophenol	ND	0.330	"							
2,4,6-Trichlorophenol	ND	0.330	"							
Surrogate: 2-FP	1.29		"	1.67		77.2	10-123			

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Hong West 19730 64th Ave W., Ste 200 Lynnwood WA, 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch IC26003: Prepared 03/26/01 Using EPA 3550B

Blank (IC26003-BLK1)

Surrogate: Phenol-d6	1.45		mg/kg wet	1.67		86.8	10-130			
Surrogate: 2,4,6-TBP	0.719		"	1.67		43.1	10-131			
Surrogate: Nitrobenzene-d5	1.49		"	1.67		89.2	10-126			
Surrogate: 2-FBP	1.62		"	1.67		97.0	24-125			
Surrogate: p-Terphenyl-d14	1.71		"	1.67		102	45-135			

LCS (IC26003-BS1)

Acenaphthene	3.04	0.330	mg/kg wet	3.33		91.3	25-137			
4-Chloro-3-methylphenol	5.41	0.330	"	6.67		81.1	12-139			
2-Chlorophenol	5.56	0.330	"	6.67		83.4	24-121			
1,4-Dichlorobenzene	2.88	0.330	"	3.33		86.5	13-128			
2,4-Dinitrotoluene	3.13	0.500	"	3.33		94.0	17-139			
4-Nitrophenol	4.93	0.500	"	6.67		73.9	10-131			
N-Nitrosodi-n-propylamine	3.30	0.330	"	3.33		99.1	14-139			
Pentachlorophenol	6.26	0.500	"	6.67		93.9	27-126			
Phenol	5.50	0.330	"	6.67		82.5	18-127			
Pyrene	3.21	0.330	"	3.33		96.4	31-149			
1,2,4-Trichlorobenzene	3.01	0.330	"	3.33		90.4	21-129			
Surrogate: 2-PP	1.66		"	1.67		99.4	10-123			
Surrogate: Phenol-d6	1.57		"	1.67		94.0	10-130			
Surrogate: 2,4,6-TBP	1.26		"	1.67		75.4	10-131			
Surrogate: Nitrobenzene-d5	1.44		"	1.67		86.2	10-126			
Surrogate: 2-FBP	1.57		"	1.67		94.0	24-125			
Surrogate: p-Terphenyl-d14	1.60		"	1.67		95.8	45-135			

Matrix Spike (IC26003-MS1)

Source: B1C0283-01

Acenaphthene	4.98	1.65	mg/kg dry	4.28	ND	116	26-133			
4-Chloro-3-methylphenol	8.28	1.65	"	8.55	ND	96.8	14-132			
2-Chlorophenol	8.65	1.65	"	8.55	ND	101	22-112			
1,4-Dichlorobenzene	4.50	1.65	"	4.28	ND	105	17-108			
2,4-Dinitrotoluene	3.80	2.50	"	4.28	ND	88.8	10-151			
4-Nitrophenol	4.93	2.50	"	8.55	ND	57.7	10-155			
N-Nitrosodi-n-propylamine	5.37	1.65	"	4.28	ND	125	17-123			Q-01
Pentachlorophenol	6.31	2.50	"	8.55	ND	73.8	12-129			
Phenol	8.31	1.65	"	8.55	ND	97.2	14-122			
Pyrene	5.00	1.65	"	4.28	ND	117	33-146			

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 Jeanne Garthwaite, Project Manager



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Hong West 19730 64th Ave W., Ste 200 Lynnwood WA, 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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**Semivolatile Organic Compounds by EPA Method 8270C - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
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Batch 1C26003: Prepared 03/26/01 Using EPA 3550B

Matrix Spike (1C26003-MS1)

Source: B1C0283-01

1,2,4-Trichlorobenzene	4.73	1.65	mg/kg dry	4.28	ND	111	10-140			
Surrogate: 2-FP	2.55		"	2.14		119	10-123			
Surrogate: Phenol-d6	2.22		"	2.14		104	10-130			
Surrogate: 2,4,6-TBP	1.83		"	2.14		83.5	10-131			
Surrogate: Nitrobenzene-d5	2.08		"	2.14		97.2	10-126			
Surrogate: 2-FBP	2.45		"	2.14		114	24-125			
Surrogate: p-Terphenyl-d14	2.34		"	2.14		109	45-135			

Matrix Spike Dup (1C26003-MSD1)

Source: B1C0283-01

Acenaphthene	4.22	1.65	mg/kg dry	4.28	ND	98.6	26-133	16.5	32	
4-Chloro-3-methylphenol	7.69	1.65	"	8.55	ND	89.9	14-132	7.39	39	
2-Chlorophenol	7.70	1.65	"	8.55	ND	90.1	22-112	11.6	37	
1,4-Dichlorobenzene	4.00	1.65	"	4.28	ND	93.5	17-108	11.8	40	
2,4-Dinitrotoluene	3.25	2.50	"	4.28	ND	75.9	10-151	15.6	35	
4-Nitrophenol	3.86	2.50	"	8.55	ND	45.1	10-155	24.3	59	
N-Nitrosodi-n-propylamine	4.66	1.65	"	4.28	ND	109	17-123	14.2	40	
Pentachlorophenol	6.02	2.50	"	8.55	ND	70.4	12-129	4.70	30	
Phenol	7.40	1.65	"	8.55	ND	86.5	14-122	11.6	41	
Pyrene	4.45	1.65	"	4.28	ND	104	33-146	11.6	39	
1,2,4-Trichlorobenzene	4.06	1.65	"	4.28	ND	94.9	10-140	15.2	37	
Surrogate: 2-FP	2.26		"	2.14		106	10-123			
Surrogate: Phenol-d6	2.00		"	2.14		93.5	10-130			
Surrogate: 2,4,6-TBP	1.65		"	2.14		77.1	10-131			
Surrogate: Nitrobenzene-d5	1.96		"	2.14		91.6	10-126			
Surrogate: 2-FBP	2.06		"	2.14		96.3	24-125			
Surrogate: p-Terphenyl-d14	2.12		"	2.14		99.1	45-135			

North Creek Analytical - Bothell

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JMG
 Jeanne Garthwaite, Project Manager

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Hong West 19730 64th Ave W., Ste 200 Lynnwood WA, 98036	Project: Everett Landfill Project Number: Not Provided Project Manager: Jim Bailey	Reported: 03/28/01 14:59
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**Physical Parameters by APHA/ASTM/EPA Methods - Quality Control
 North Creek Analytical - Bothell**

Analyte	Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 1C19010: Prepared 03/19/01 Using Dry Weight										
Blank (1C19010-BLK1)										
Dry Weight	99.8	1.00	%							

North Creek Analytical - Bothell

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 Jeanne Garthwaite, Project Manager

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Hong West
 19730 64th Ave W., Ste 200
 Lynnwood WA, 98036

Project: Everett Landfill
 Project Number: Not Provided
 Project Manager: Jim Bailey

Reported:
 03/28/01 14:59

Notes and Definitions

- Q-01 The spike recovery for this QC sample is outside of established control limits. Review of associated batch QC indicates the recovery for this analyte does not represent an out-of-control condition for the batch.
- R-03 The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample.
- S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
- DET Analyte DETECTED
- ND Analyte NOT DETECTED at or above the reporting limit
- NR Not Reported
- dry Sample results reported on a dry weight basis
- RPD Relative Percent Difference

JMG



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 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 (541) 383-9310 FAX 382-7588

CHAIN OF CUSTODY REPORT

Work Order #: **310203**

CLIENT: HWA Geosciences		INVOICE TO: Jim Bailey		TURNAROUND REQUEST in Business Days* Organic & Inorganic Analyses <input checked="" type="checkbox"/> 7 <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD.																								
REPORT TO: Jim Bailey		P.O. NUMBER:		Petroleum Hydrocarbon Analyses <input type="checkbox"/> 5 <input type="checkbox"/> 4 <input type="checkbox"/> 3 <input type="checkbox"/> 2 <input type="checkbox"/> 1 <input type="checkbox"/> <1 STD.																								
ADDRESS:		PROJECT NAME: Everett Landfill		REQUESTED ANALYSES																								
PHONE: 425-774-0106 FAX:		PROJECT NUMBER: 9898165		<table border="1" style="width: 100%; height: 100%; text-align: center;"> <tr> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">8260 HOLD</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">8270 HOLD</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">NWTPT</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">916165</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">NWTPT</td> <td style="writing-mode: vertical-rl; transform: rotate(180deg);">Client changed analysis - 3/14/01</td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </table>				8260 HOLD	8270 HOLD	NWTPT	916165	NWTPT	Client changed analysis - 3/14/01															
8260 HOLD	8270 HOLD	NWTPT	916165					NWTPT	Client changed analysis - 3/14/01																			
SAMPLED BY: Jim Bailey		SAMPLING DATE/TIME		*Turnaround Requests less than standard may incur Rush Charges.																								
CLIENT SAMPLE IDENTIFICATION		SAMPLING DATE/TIME		MATRIX (W. S. O)		# OF CONT.		COMMENTS		NCA WO ID																		
1. TP-4A		3-13-01/1130		Soil		1		-		01																		
2. TP-4B		3-13-01/1150		Soil		1		-		02																		
3. TP-4C		3-13-01/1205		Soil		1		-		03																		
4.																												
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13.																												
14.																												
15.																												
RELINQUISHED BY: Jim Bailey		DATE: 3/13/01		RECEIVED BY: Karne Gathwick		DATE: 3/13/01		FIRM: HWA		FIRM: NCA																		
PRINT NAME:		TIME: 2:55p		PRINT NAME:		TIME: 2:55p																						
RELINQUISHED BY:		DATE:		RECEIVED BY:		DATE:																						
PRINT NAME:		TIME:		PRINT NAME:		TIME:																						
ADDITIONAL REMARKS:				SAMPLES WERE NOT @ 2:00 UPON RECEIPT		TEMP: 21				PAGE OF																		