

ENSR 9521 Willows Road, Redmond, Washington, 98052 T 425.881.7700 F 425.883.4473 www.ensr.aecom.com

January 18, 2008

Mr. Darin Rouse Chevron Environmental Management Company 6001 Bollinger Canyon Road, Room K1324 P.O. Box 6012 San Ramon, California 94583

Subject: Remedial Action Results Report Former Unocal Bulk Plant No. 0138 Chevron Site No. 306563 101 Northwest Coveland Street Coupeville, Washington

Dear Mr. Rouse:

ENSR Corporation (ENSR), on behalf of Chevron Environmental Management Company, has prepared this report documenting soil excavation and disposal activities of petroleum impacted soils, and the installation of air sparge (AS) piping within the excavation at former Unocal Bulk Plant No. 0138 (Chevron Site No. 306563) (the Site) (Figure 1) located at 101 NW Coveland Street, Coupeville, Washington. The excavation activities and the installation of the AS piping were conducted in the central portion of the Site (Figure 2). This remedial action was described in ENSR's *Remedial Action Work Plan* dated February 25, 2005. This report summarizes activities completed in March 2005 on the Site.

This report includes three attachments: Attachment A contains selected photographs of the soil excavation activities; Attachment B contains the analytical reports for the surface water sample collected from the onsite drainage ditch and soil samples collected during the excavation process; and Attachment C contains copies of the waste disposal documents for the excavated soil.

BACKGROUND

On December 15, 2004, Union Oil Company of California sold the Site to DRM Properties, LLC, (DRM) who subsequently scheduled new construction activities beginning during the middle of March 2005. DRM's construction plan was to redevelop the Site for mixed commercial/residential land uses. To support planned construction activities, ENSR evaluated remedial action alternatives and selected remedies that would eliminate areas with high concentrations of petroleum hydrocarbons and prohibit exposure to soils exceeding acceptable risk/hazard levels.

In December 2004 and January 2005, ENSR performed soil investigations to further characterize the extent of residual petroleum impacted soil remaining onsite. Thirteen soil borings (B1 through B13) were advanced to a maximum depth of 30 feet below ground surface (bgs). A total of 68 soil samples, collected above and below the water table, were analyzed for a range of potential petroleum-related contaminants: benzene, ethylbenzene, total xylenes (BETX), gasoline-, diesel-, and heavy oil-range hydrocarbons. Soil analytical results were all below the State of Washington Model Toxics Control Act (MTCA) (Washington Administrative Code [WAC] 173-340) Method A soil cleanup levels for unrestricted use with the exception of samples collected from borings B2, B6, and B11. Borings B2 and

B6 were completed adjacent to and along the southern edge of the former drainage ditch area and boring B11 was completed downgradient of borings B2 and B6, northeast of the former loading rack slab area.

OBJECTIVES

The objectives of this remedial action were to: (1) remove soil onsite exceeding MTCA Method A cleanup levels, identified during the subsurface investigations completed in December 2004 and January 2005, and (2) to install AS piping within the excavation to further remediate the impacted groundwater in those areas.

EXCAVATION ACTIVITIES

Prior to the start of excavation, ENSR collected a grab surface water sample from an existing drainage ditch (Photo 1) located at that time within the southern portion of the proposed excavation area on February 25, 2005. The water sample was collected to show that the water in the ditch complied with the City of Coupeville discharge requirements. The sample was submitted to North Creek Analytical (North Creek) in Bothell, Washington for the following analyses: gasoline-range hydrocarbons by NWTPH-Gx and BETX by EPA Method 8021B. None of the constituents were detected above the laboratory reporting limits. Following receipt of the analytical results, water in the ditch was drained using a vacuum pump, and discharged into a storm drain. In addition, sources of runoff water that currently resided in the ditch were temporarily by-passed by installing an 8-inch flew hose. The hose was suspended from the existing outlet on the eastern boundary of the ditch. The complete laboratory report for the drainage ditch sample is presented in Appendix B.

Soil excavation activities were conducted onsite between March 2 and March 11, 2005. On March 2, 2005, Clearcreek Contractors of Everett, Washington, began excavating soil in the vicinity of boring B6. Due to the discovery of shallow pockets of impacted soils (Photo 2) during excavation sidewall sloping activities north of the proposed excavation area (in the vicinity of borings B2 and B6), the planned excavation area was enlarged. The final or actual limits of excavation were determined by visual observations, olfactory indications, and photoionization detector (PID) headspace measurements. Clean overburden was segregated and stockpiled for later use as backfill. The excavation was extended north/northeast towards the 1991 excavation area in the vicinity of the former loading rack slab area. The final excavation area was approximately 130 feet long by 75 feet wide and final excavation depths ranged from 8 feet bgs to the north to 30 feet bgs to the south. Soil impacts were observed in the southern portion of the excavation from approximately 13 to 26 feet bgs and from 3 to 8 feet bgs to the north along and beneath an abandoned product line (Photos 3 and 4) and various other discovered substructures (e.g., remnants of an abandoned, cement sidewalk and footings, which supported above ground piping racks [Photo 5]). The soils between 0 to 13 feet bgs generally consisted of light to dark gray, clay, silty clay, or clayey silt with varying amounts of gravel, underlain from 13 to 26 feet bgs by light gray, slightly silty, fine to medium sand with varying amounts of clay from 23 to 26 feet bgs. Groundwater was encountered at approximately 26 feet bgs. The geologic units encountered during excavation activities, and the December 2004 and January 2005 subsurface investigations, are presented on the Geologic Cross Section A-A' (Figure 3)

SOIL SAMPLING ACTIVITIES

ENSR personnel performed soil sampling activities on March 5 and 7, 2005. The soil samples were collected in areas with the most significant observed impacts. Sampling locations were based on PID readings, and visual and olfactory indications (i.e., color, staining, etc.). Soil samples were collected from the excavation at the locations shown on Figure 2 and are described in Table 1 below.

	TABLE 1. SOIL SAMPLING LOCATIONS									
Sample ID	Collection Date	Location	Depth (feet bgs)							
252 PL(3)030505	March 5, 2005	In the vicinity of an abandoned product line (impacted area)	3							
252 SL(26)030705	March 7, 2005	Southern sidewall (soil/water interface)	26							
bgs = below ground s	bgs = below ground surface									

All soil samples were collected in laboratory-supplied clean containers and stored on ice with fully completed chain-of-custody information, pending analysis.

Summary of Results

Selected soil samples were submitted to North Creek, in Bothell, Washington for analysis of the following:

- BETX by EPA Method 8021B;
- Gasoline-range hydrocarbons by NWTPH-Gx; and
- Diesel- and heavy oil-range hydrocarbons by NWTPH-Dx with silica gel cleanup.

The soil analytical results, as shown in the table below, were compared to the MTCA Method A soil cleanup levels and Method B soil formula values for unrestricted land uses. The results are summarized as follows:

- The detected¹ gasoline-range hydrocarbon concentration in sample 252 PL(3)030505 did not exceed the MTCA A cleanup level of 30 mg/kg.
- Benzene, total xylenes, gasoline- and diesel-range hydrocarbons were detected at concentrations greater than the MTCA Method A suggested cleanup levels in sample 252 SL(26)030705.
- None of the analytes for the soil analyses performed were detected at concentrations exceeding the MTCA B formula values.

¹ Detected means that the analyte concentration exceeded the laboratory reporting limit.

J:\Projects\Chevron - Unocal\01231-214 Coupeville 306563\06940-252 Coupeville BP\2005\Excavation FEB 05\Excavation Final Report\Remedial Action Results Report 2005.doc

TABLE 2. SOIL SAMPLING RESULTS											
Sample Location		BETX	(mg/kg)		Gasoline-Range	Diesel-Range	Heavy Oil-range				
ID	Benzene	Ethyl benzene	Toluene	Total Xylenes	Hydrocarbons (mg/kg)	Hydrocarbons (mg/kg)	Hydrocarbons (mg/kg)				
MTCA Method A Cleanup Level	0.03	6	7	9	30	2,000	2,000				
MTCA Method B Formula Value	18.2	8,000	6,400	16,000	NL	NL	NL				
252 PL(3)030505	ND (<0.0251)	ND (<0.0418)	ND (<0.0418)	ND (<0.0837)	4.18	ND (<10.0)	ND (<25.0)				
252 SL(26)030705	0.0535	3.02	ND (<0.0391)	22.8	372	2,570	ND (<250)				
ND = Analyte was NOT DETECTED above the reporting limit shown (laboratory limit is in parenthases).											
mg/kg = milligram pe	mg/kg = milligram per kilogram										

The complete laboratory report for this remedial action is located in Appendix A.

Installation of Air Sparge Piping and Backfill Activities

Following completion of the soil excavation, a 12-inch layer of clean imported 1-1/4 inch base was placed in the bottom of the southern portion of the excavation. Next, the AS piping, consisting of a U-shaped section of 4-inch diameter PVC slotted pipe (approximately 20 feet in length) and two vertical risers (Photos 6 and 7), was installed within the excavation. Prior to installation, a geotextile fabric was wrapped around the slotted portion of the piping and held in place using nylon ties. Following the installation of the AS piping, imported crushed rock was placed in 3- to 4-foot lifts, backfilling the excavation to the approximate seasonal high groundwater level of 21 feet bgs. Imported structural fill then was placed in a series of 12-inch-thick lifts, each compacted to at least 90 percent of the maximum dry density, to near the surrounding street level. The structural fill was overlain with a base coarse of 3/4inch-minus crushed rock, followed by placement of the stockpiled clean overburden to current grade (Photos 8, 9, and 10). Due to safety concerns associated with cave-ins, proper compaction was determined by testing the backfill material outside the excavation using a proxy method to count the number of impacts the track hoe bucket required to meet the 90 percent requirement.

Soil Disposal

Approximately 589 tons of soil was disposed of from excavation activities on the Site. Excavated impacted soils were either directly loaded into trucks and trailers or were temporarily stockpiled in a secure area on plastic and then loaded. All excavated impacted soils were transported to the Rabanco Recycling Co. facility in Seattle, Washington for proper disposal. Copies of the waste disposal documents are provided in Appendix C.

CONCLUSIONS

Based on field observations during the excavation activities and the sampling results from the subsurface investigation conducted in December 2004 and January 2005, the major area of petroleum-contaminated soil appears to have been removed. However, shallow pockets of petroleum-contaminated soils appear to extend to the northeast along the abandoned product line, a potential migration pathway for petroleum contaminants. The full extent of affected soil and groundwater must be determined before additional remedial actions are evaluated.

LIMITATIONS

The interpretations in this report represent our professional opinions. These opinions are based on currently available information and are arrived at in accordance with currently accepted hydrogeologic and engineering practices at this time and location. Other than this, no warranty is implied or intended.

Should you have questions or comments regarding the information presented in this report, please contact us at (425) 881-7700.

Sincerely yours,



Brett Bardeley

bbardsley@ensr.aecom.com

Brett Bardsley, LG

Project Manager

Art Cowburn Senior Project Manager acowburn@ensr.aecom.com

Figures:	Figure 1 – Site Vicinity Map
	Figure 2 – Soil Sampling Locations
	Figure 3 – Cross-Section A-A'

Attachments: Attachment A – Selected Site Photographs Attachment B – North Creek Analytical Reports Attachment B – Copies of the Waste Disposal Documents

Cc: Mr. Doug McFayden, DRM Properties, LLC

J:\Projects\Unocal\01231-214 Coupeville 306563\06940-252 Coupeville BP\2005\Excavation FEB 05\Report\Remedial Action Results Report 2005.doc





		BY:						
		DATE:						
	REVISIONS	DESCRIPTION:						
		öN						
۲	DESIGNED BY:	DP	DRAWN BY:	КM	CHECKED BY:	AC	APPROVED BY:	DL
oundwater Monitoring Well		5						
il Boring Location		Ś						
Ind Auger Boring Location		 			c	V		COM
al Sample Location		ž			000	2008		ECOM
oveground Storage Tank		Ž			Шz	0022	ю	ISR.AI
nderground Storage Tank				NOL	ROAD	1911 1911	-447	W.EN
operty Line				PORAT	SWC	25) 8	883	\sim
r Sparging System				CORF		, 	425)	i I I I I I I I I I I I I I I I I I I I
uilding				INSR	9521 SEDM		, AX:	VEB:
005 Deep Excavation						_		
005 Shallow Excavation					38	shingtor	NUMBER:	14-P1(
enzene		_			0	Wa	IECT	1
hylbenzene		IA P		5563	No.	ville,	PRO.	0123
luene		2		30(lant	upe		
tal Xylenes		NO		No.	۲ م	°C		_
tal Petroleum Hydrocarbons as Gasoline		ATI		Site	Bul	reet	ш	4/08
tal Petroleum Hydrocarbons as Diesel		N N		Ч	ocal	d St	DAT	1/0
tal Petroleum Hydrocarbons as Heavy Oil		X		hevr	Ľ	elan		
elow Ground Surface		ш		0	rmer	Cov		
given in milligrams per kilogram (mg/Kg)					Foi	101 NW	SCALE:	1" = 40
		FI	GUR	E I	NUM	1BF	R:	

2

FILENAME: 01231214P10C

40 30 20 10

Approximate Scale in Feet



DESIGNED BY: REVISIONS	LR NO: DESCRIPTION: DATE: BY:	DRAWN BY:	KM	CHECKED BY:	AC	APPROVED BY:	DL	
	ENSR AECOM	_	ENSR CORPORATION	9521 WILLOWS ROAD NE	REDMONU, WASHINGION 98032 PHONE: (425) 881-7700	FAX: (425) 883-4473	WEB: HTTP://WWW.ENSR.AECOM.COM	
			306563	lant No. 0138	oupeville, Washington	PROJECT NUMBER:	01231-214-P10	
	DSS-SFCTI)))))	Chevron Site No.	r Unocal Bulk P	'eland Street, Cc	DATE:	01/25/08	
CRO Ch Former 101 NW Covel scale: ds noted								
	FI	GUF	RE	NUN	/BE	R:		
		FI		3 IAM	E:			

ATTACHMENT A

Selected Photographs of the Soil Excavation Activities



Photograph 1. Onsite drainage ditch. Looking east.



Photograph 2. Early stages of excavation. Note dark gray, petroleum-contaminated soil .



Photograph 3. Abandoned product line. Looking northeast.



Photograph 4. Northern portion of excavation looking northeast. Note the clean overburden near ground surface and the gray, petroleum-contaminated soil underlying it.



Photograph 5. Remnants of the abandoned footings, which supported above ground piping racks.



Photograph 6. Southern end of excavation in progress. Looking west.



Photograph 7. Installation of air sparge (AS) piping within the southern portion of the excavation. Looking west.



Photograph 8. Final excavation looking north.



Photograph 9. Late stage of backfilling activities looking northwest. Note AS piping in the center of the photo.



Photograph 10. Leveling backfill material around AS piping. Looking west.

ATTACHMENT B

Lancaster Laboratories Analytical Laboratory Reports and Chains of Custody



Seattle	11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
	425.420.9200 fax 425.420.9210
Spokane	East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
	509.924.9200 fax 509.924.9290
Portland	9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
	503.906.9200 fax 503.906.9210
Bend	20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
	541.383.9310 fax 541.382.7588
Anchorage	2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
	907.563.9200 fax 907.563.9210

02 March 2005

Art Cowburn ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052 RE: UNOCAL #0138

Enclosed are the results of analyses for samples received by the laboratory on 02/25/05 13:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

ff beidis

Jeff Gerdes Project Manager



Seattle	11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
	425.420.9200 fax 425.420.9210
Spokane	11922 E. 1st Avenue, Spokane Valley, WA 99206-5302
	509.924.9200 fax 509.924.9290
Portland	9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
	503.906.9200 fax 503.906.9210
Bend	20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
	541.383.9310 fax 541.382.7588
Anchorage	2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
-	907.563.9200 fax 907.563.9210
UNOCAL	#0138

ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052

Project: UNOCAL #0138 Project Number: 06940-252-120 Project Manager: Art Cowburn

Reported: 03/02/05 17:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received	
Drainage ditch	B5B0621-01	Water	02/25/05 09:50	02/25/05 13:45	

North Creek Analytical - Bothell

perdis

Jeff Gerdes, Project Manager



ENSR-Redmond	Project: UNOCAL #0138	
9521 Willows Road NE	Project Number: 06940-252-120	Reported:
Redmond, WA 98052	Project Manager: Art Cowburn	03/02/05 17:44

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Drainage ditch (B5B0621-01) Water	Sampled: 02/	25/05 09:50	Received:	02/25/05 13	9:45				
Gasoline Range Hydrocarbons	ND	50.0	ug/l	1	5B28024	02/28/05	03/01/05	NWTPH-Gx/8021B	
Benzene	ND	0.500	"	"	"	"	"	"	
Toluene	ND	0.500	"	"	"	"	"	"	
Ethylbenzene	ND	0.500	"	"	"	"	"	"	
Xylenes (total)	ND	1.00	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	83.5 %	58-144			"	"	"	"	
Surrogate: 4-BFB (PID)	104 %	68-140			"	"	"	"	

North Creek Analytical - Bothell

beidio

Jeff Gerdes, Project Manager



ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052 Project: UNOCAL #0138 Project Number: 06940-252-120 Project Manager: Art Cowburn

Reported: 03/02/05 17:44

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
Drainage ditch (B5B0621-01) Water	Sampled: 02/	25/05 09:50	Received	: 02/25/05 13	3:45				
Diesel Range Hydrocarbons	ND	250	ug/l	1	5B28015	02/28/05	03/01/05	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	500	"	"	"	"	"	"	
Surrogate: 2-FBP	66.4 %	50-150			"	"	"	"	
Surrogate: Octacosane	134 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

beidis

Jeff Gerdes, Project Manager



9521 Willows Road NE

Redmond, WA 98052

03/02/05 17:44

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality Control

Project Manager: Art Cowburn

		N	orth Cre	ek Anal	ytical - E	Bothell					
			Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5B28024:	Prepared 02/28/05	Using EF	PA 5030B ((P/T)							
Blank (5B28024-Bl	LK1)										
Gasoline Range Hydro	ocarbons	ND	50.0	ug/l							
Benzene		ND	0.500	"							
Toluene		ND	0.500	"							
Ethylbenzene		ND	0.500	"							
Xylenes (total)		ND	1.00	"							
Surrogate: 4-BFB (FII	D)	53.6		"	60.0		89.3	58-144			
Surrogate: 4-BFB (PII	D)	64.0		"	60.0		107	68-140			
LCS (5B28024-BS1	1)										
Gasoline Range Hydro	ocarbons	957	50.0	ug/l	1000		95.7	80-120			
Benzene		13.7	0.500	"	14.6		93.8	80-120			
Toluene		66.8	0.500	"	72.5		92.1	80-120			
Ethylbenzene		16.7	0.500	"	17.1		97.7	80-120			
Xylenes (total)		79.0	1.00	"	83.0		95.2	80-120			
Surrogate: 4-BFB (FII	D)	66.2		"	60.0		110	58-144			
Surrogate: 4-BFB (PII	D)	57.8		"	60.0		96.3	68-140			
LCS Dup (5B28024	4-BSD1)										
Gasoline Range Hydro	ocarbons	923	50.0	ug/l	1000		92.3	80-120	3.62	25	
Benzene		14.2	0.500	"	14.6		97.3	80-120	3.58	25	
Toluene		70.5	0.500	"	72.5		97.2	80-120	5.39	25	
Ethylbenzene		17.6	0.500	"	17.1		103	80-120	5.25	25	
Xylenes (total)		84.1	1.00	"	83.0		101	80-120	6.25	25	
Surrogate: 4-BFB (FII	D)	64.1		"	60.0		107	58-144			
Surrogate: 4-BFB (PII	D)	60.2		"	60.0		100	68-140			
Matrix Spike (5B2	8024-MS1)					Source: I	35B0448- 1	19			
Gasoline Range Hydro	ocarbons	884	50.0	ug/l	1000	15.9	86.8	58-129			
Benzene		14.1	0.500	"	14.6	ND	96.6	46-130			
Toluene		69.6	0.500	"	72.5	0.172	95.8	60-124			
Ethylbenzene		18.0	0.500	"	17.1	ND	105	56-141			
Xylenes (total)		83.1	1.00	"	83.0	ND	100	66-132			
Surrogate: 4-BFB (FII	D)	64.6		"	60.0		108	58-144			
Surrogate: 4-BFB (PII	D)	62.1		"	60.0		104	68-140			

North Creek Analytical - Bothell

perdis



9521 Willows Road NE

Redmond, WA 98052

 Seattle
 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 425.420.9200 fax 425.420.9210

 Spokane
 11922 E. 1st Avenue, Spokane Valley, WA 99206-5302 509.924.9200 fax 509.924.9290

 Portland
 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132 503.906.9200 fax 503.906.9210

 Bend
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

 Anchorage
 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119 907.563.9200 fax 907.563.9210

 Project:
 UNOCAL #0138

 Project Number:
 06940-252-120
 Reported:

03/02/05 17:44

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality Control

Project Manager: Art Cowburn

North Creek Analytical - Bothell

					·						
			Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5B28024:	Prepared 02/28/05	Using EP	A 5030B ((P/T)							
Matrix Spike Dup (Source: E	5B0448- 1	19				
Gasoline Range Hydrod	carbons	944	50.0	ug/l	1000	15.9	92.8	58-129	6.56	25	
Benzene		14.7	0.500	"	14.6	ND	101	46-130	4.17	40	
Toluene		72.6	0.500	"	72.5	0.172	99.9	60-124	4.22	40	
Ethylbenzene		18.8	0.500	"	17.1	ND	110	56-141	4.35	40	
Xylenes (total)		86.4	1.00	"	83.0	ND	104	66-132	3.89	40	
Surrogate: 4-BFB (FID))	64.7		"	60.0		108	58-144			
Surrogate: 4-BFB (PIL))	60.9		"	60.0		102	68-140			

North Creek Analytical - Bothell

beidis

Jeff Gerdes, Project Manager



		,	
	9521 Willows Road NE	Project Number: 06940-252-120	Reported:
	Redmond, WA 98052	Project Manager: Art Cowburn	03/02/05 17:44
1			

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Quality Control North Creek Analytical - Bothell

				•						
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5B28015: Prepared 02/28/05	Using El	PA 3520C								
Blank (5B28015-BLK1)										
Diesel Range Hydrocarbons	ND	250	ug/l							
Lube Oil Range Hydrocarbons	ND	500	"							
Surrogate: 2-FBP	184		"	250		73.6	50-150			
Surrogate: Octacosane	322		"	250		129	50-150			
LCS (5B28015-BS1)										
Diesel Range Hydrocarbons	1830	250	ug/l	2000		91.5	45-105			
Surrogate: 2-FBP	192		"	250		76.8	50-150			
LCS Dup (5B28015-BSD1)										
Diesel Range Hydrocarbons	1970	250	ug/l	2000		98.5	45-105	7.37	50	
Surrogate: 2-FBP	199		"	250		79.6	50-150			

North Creek Analytical - Bothell

perdis

Jeff Gerdes, Project Manager



	Seattle	11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 425 420 9200 fax 425 420 9210
	Spokane	11922 E. 1st Avenue, Spokane Valley, WA 99206-5302
	Portland	9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
		503.906.9200 fax 503.906.9210
	Bend	20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
		541.383.9310 fax 541.382.7588
	Anchorage	2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
	-	907.563.9200 fax 907.563.9210
ect:	UNOCAL	#0138
or.	06040 252	120 Benerted:
UI.	00940-232	-120 Reported.

ENSR-RedmondProject:UNOCAL #01389521 Willows Road NEProject Number:06940-252-120Reported:Redmond, WA 98052Project Manager:Art Cowburn03/02/05 17:44

Notes and Definitions

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

North Creek Analytical - Bothell

perdis

Jeff Gerdes, Project Manager

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.

North Creek Analytical, Inc. Environmental Laboratory Network



11720 North Creek Parkway N #400 • Bothell, WA 98011-8244 • 425-420-9200 • Fax 920-9210 11922 E 1st Ave • Spokane, WA 99206-5302 • 509-924-9200 • Fax 924-9290 9405 SW Nimbus Ave • Beaverton, OR 97008-7184 • 503-906-9200 • Fax 906-9210 20332 Empire Ave #F1 • Bend, OR 99701-5712 • 541-383-9310 • Fax 382-7588

2000 W International Airport Rd #A10 • Anchorage, AK 99502-1119 • 907-563-9200 • Fax 563-9210

	HAN OF CUSTORY DEPORT B5B162	Chain of Custody Record #:
UNUCAL C	HAIN OF CUSIODI REPORT DIDUCT	
UNOCAL INFORMATION	Name: EAISP Name: Art Coupling /ENSP	
racinity number: 0180	Address: 9521 Willows Rd NE Address:	Quality Assurance Data Level:
Site Address: 101 No Course in Ma	Redmond, WA 98052	
Site Balance Number:	Phone: 425-881-7700 Fax: 425-84-44 Prone:	A: Standard Summary B: Standard + Chromatograms
Uncert Manager:	Project No.: 06940 - 252, -120 Fax:	Laboratory Turnaround Days:
CERT INFO: (check one)	Project Manager: Art Cowburn	
	Samples collected by: Erin Taylor P.O. No.:	
IT.	Vols.	
	Bit Bit <td></td>	
SAMPLING	H-Di- H-DI- H-DI-	NCA SAMPLE NUMBER
SAMPLE IDENTIFICATION DATE / TIME Z Z		25BAL 21 AL
1. Drainage ditch 2-25-05/0950 W 5		DIOUGALIUL
2.		
3		
4.		
5		
6	┛╹╴┼╴┼╶┼╶┼╶┼╶┼╶┼╶┼╶┼╶┼╶┼╶┼	
7.		
8.		_
7.		4.6°C NO
10.	Received by Firm Date/Time Additional Comments:	
Par 1 Jaule ENSR 2/25/0	5 11:45 Colette Weaver NCA 02/25/05 1145	
2		
Base 1 of 1 Comments: dot 1	and he would be studen stilles	Page of
rage to of the and the add	ound the index of mostary 2/1/02	



C01009.D BTXL1904.M

С01039.D ТВВ0305.М

Seattle	11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
	425.420.9200 fax 425.420.9210
Spokane	East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
	509.924.9200 fax 509.924.9290
Portland	9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
	503.906.9200 fax 503.906.9210
Bend	20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
	541.383.9310 fax 541.382.7588
Anchorage	2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
	907.563.9200 fax 907.563.9210

09 March 2005

Art Cowburn ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052 RE: UNOCAL #0138

Enclosed are the results of analyses for samples received by the laboratory on 03/05/05 13:45. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

ff beidis

Jeff Gerdes Project Manager

Seattle	11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
	425.420.9200 fax 425.420.9210
Spokane	11922 E. 1st Avenue, Spokane Valley, WA 99206-5302
	509.924.9200 fax 509.924.9290
Portland	9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
	503.906.9200 fax 503.906.9210
Bend	20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
	541.383.9310 fax 541.382.7588
Anchorage	2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
_	907.563.9200 fax 907.563.9210
UNOCAL	#0138

ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052

Project: Project Number: 06940-252-120 Project Manager: Art Cowburn

Reported: 03/09/05 06:44

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
252 PL(3) 030505	B5C0144-01	Soil	03/04/05 10:15	03/05/05 13:45

North Creek Analytical - Bothell

perdis

Jeff Gerdes, Project Manager

ENSR-Redmond	Project: UNOCAL #0138	
9521 Willows Road NE	Project Number: 06940-252-120	Reported:
Redmond, WA 98052	Project Manager: Art Cowburn	03/09/05 06:44

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
252 PL(3) 030505 (B5C0144-01) Soil	Sampled: 03/	04/05 10:15	Received: (03/05/05 13	8:45				
Gasoline Range Hydrocarbons	ND	4.18	mg/kg dry	1	5C07075	03/07/05	03/07/05	NWTPH-Gx/8021B	
Benzene	ND	0.0251	"	"	"	"	"	"	
Toluene	ND	0.0418	"	"	"	"	"	"	
Ethylbenzene	ND	0.0418	"	"	"	"	"	"	
Xylenes (total)	ND	0.0837	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	101 %	50-150			"	"	"	"	
Surrogate: 4-BFB (PID)	102 %	53-142			"	"	"	"	

North Creek Analytical - Bothell

beidio

Jeff Gerdes, Project Manager

ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052 Project: UNOCAL #0138 Project Number: 06940-252-120 Project Manager: Art Cowburn

Reported: 03/09/05 06:44

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
252 PL(3) 030505 (B5C0144-01) Soil	Sampled: 03/	04/05 10:15	Received:	03/05/05 13	3:45				
Diesel Range Hydrocarbons	ND	10.0	mg/kg dry	1	5C07063	03/07/05	03/08/05	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	25.0	"	"	"	"	"	"	
Surrogate: 2-FBP	61.0 %	50-150			"	"	"	"	
Surrogate: Octacosane	91.9 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

beidis

Jeff Gerdes, Project Manager

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

 425.420.9200
 fax 425.420.9210

 Spokane
 11922 E. 1st Avenue, Spokane Valley, WA 99206-5302

 509.924.9200
 fax 509.924.9290

 Portland
 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132

 503.906.9200
 fax 503.906.9210

 Bend
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711

 541.383.9310
 fax 541.382.7588

 Anchorage
 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119

 907.563.9200
 fax 907.563.9210

ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052 Project: UNOCAL #0138 Project Number: 06940-252-120 Project Manager: Art Cowburn

Reported: 03/09/05 06:44

Physical Parameters by APHA/ASTM/EPA Methods North Creek Analytical - Bothell

]	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
252 PL(3) 030505 (B5C0144-01) Soil	Sampled: 03/04/	/05 10:15	Received:	03/05/05 13	:45				
Dry Weight	85.9	1.00	%	1	5C05017	03/05/05	03/07/05	BSOPSPL003R08	

North Creek Analytical - Bothell

beidis

Jeff Gerdes, Project Manager

9521 Willows Road NE

Redmond, WA 98052

03/09/05 06:44

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality

Project Manager: Art Cowburn

1	,	•
	Control	
North Cr	ook Analyti	ical - Rathall

		1		eek Allaly	ucai - I	Dothen					
Analyte		Result	Reporting Limit	Units	Spike Level	Source Result	%REC	%REC Limits	RPD	RPD Limit	Notes
Batch 5C07075:	Prepared 03/07/05	Using E	PA 5030B	(MeOH)							
Blank (5C07075-BI	LK1)										
Gasoline Range Hydro	carbons	ND	5.00	mg/kg							
Benzene	ND	0.0300	"								
Toluene		ND	0.0500	"							
Ethylbenzene		ND	0.0500	"							
Xylenes (total)		ND	0.100	"							
Surrogate: 4-BFB (FIL))	2.85		"	3.00		95.0	50-150			
Surrogate: 4-BFB (PIL))	3.08		"	3.00		103	53-142			
LCS (5C07075-BS1)										
Gasoline Range Hydro	carbons	50.4	5.00	mg/kg	50.0		101	75-125			
Benzene		0.605	0.0300	"	0.728		83.1	75-125			
Toluene		3.32	0.0500	"	3.62		91.7	75-125			
Ethylbenzene		0.836	0.0500	"	0.855		97.8	75-125			
Xylenes (total)		4.09	0.100	"	4.15		98.6	75-125			
Surrogate: 4-BFB (FIL))	3.61		"	3.00		120	50-150			
Surrogate: 4-BFB (PIL))	2.90		"	3.00		96.7	53-142			
LCS Dup (5C07075	5-BSD1)										
Gasoline Range Hydro	carbons	48.2	5.00	mg/kg	50.0		96.4	75-125	4.46	25	
Benzene		0.611	0.0300	"	0.728		83.9	75-125	0.987	25	
Toluene		3.39	0.0500	"	3.62		93.6	75-125	2.09	25	
Ethylbenzene		0.855	0.0500	"	0.855		100	75-125	2.25	25	
Xylenes (total)		4.16	0.100	"	4.15		100	75-125	1.70	25	
Surrogate: 4-BFB (FIL))	3.54		"	3.00		118	50-150			
Surrogate: 4-BFB (PIL))	2.98		"	3.00		99.3	53-142			
Matrix Spike (5C07	7075-MS1)					Source: B	85C0144-0	01			
Gasoline Range Hydro	carbons	47.8	4.18	mg/kg dry	48.7	1.65	94.8	42-125			
Benzene		0.578	0.0251	"	0.709	ND	81.5	45-125			
Toluene		3.18	0.0418	"	3.53	0.0170	89.6	55-125			
Ethylbenzene		0.813	0.0418	"	0.833	0.00507	97.0	53-132			
Xylenes (total)		3.93	0.0837	"	4.04	0.0226	96.7	59-125			
Surrogate: 4-BFB (FIL))	3.52		"	2.92		121	50-150			
Surrogate: 4-BFB (PIL))	2.87		"	2.92		<i>98.3</i>	53-142			

North Creek Analytical - Bothell

Seides

 Seattle
 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 425.420.9200 fax 425.420.9210

 Spokane
 11922 E. 1st Avenue, Spokane Valley, WA 99206-5302 509.924.9200 fax 509.924.9290

 Portland
 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132 503.906.9200 fax 503.906.9210

 Bend
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

 Anchorage
 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119 907.563.9200 fax 907.563.9210

 Project:
 UNOCAL #0138

ENSR-RedmondProject:UNOCAL #01389521 Willows Road NEProject Number:06940-252-120Reported:Redmond, WA 98052Project Manager:Art Cowburn03/09/05 06:44

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality Control

North Creek Analytical - Bothell

		Reporting		Spike	Source		%REC		RPD	
	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5C07075: Prepared 03/07/05			(MeOH)							
5C07075-MSD1)					Source: B	5C0144-()1			
arbons	45.5	4.18	mg/kg dry	48.7	1.65	90.0	42-125	4.93	40	
	0.591	0.0251	"	0.709	ND	83.4	45-125	2.22	40	
	3.27	0.0418	"	3.53	0.0170	92.2	55-125	2.79	40	
	0.830	0.0418	"	0.833	0.00507	99.0	53-132	2.07	40	
	4.05	0.0837	"	4.04	0.0226	99.7	59-125	3.01	40	
)	3.45		"	2.92		118	50-150			
)	2.95		"	2.92		101	53-142			
	Prepared 03/07/05 5C07075-MSD1) arbons	Result Prepared 03/07/05 Using EI 5C07075-MSD1) 3.27 arbons 45.5 0.591 3.27 0.830 4.05 0 3.45 0.9 3.45 0.9 3.45 0.9 3.45 0.9 3.45 0.9 3.45 0.9 3.45 0.9 2.95	Result Reporting Limit Prepared 03/07/05 Using EPA 5030B 5C07075-MSD1) 5C07075-MSD1 arbons 45.5 4.18 0.591 0.0251 3.27 0.0418 0.830 0.0418 4.05 0.0837 0 3.45 2.95 2.95	Result Limit Units Prepared 03/07/05 Using EPA 5030B (MeOH) 5C07075-MSD1) 5C07075-MSD1 arbons 45.5 4.18 mg/kg dry 0.591 0.0251 " 3.27 0.0418 " 0.830 0.0418 " 4.05 0.0837 " 3.45 " 2.95	Reporting Result Spike Limit Spike Units Spike Level Prepared 03/07/05 Using EPA 5030B (MeOH) Constant Constant	Reporting Result Spike Limit Spike Units Source Result Prepared 03/07/05 Using EPA 5030B (MeOH) Source: B SC07075-MSD1) Source: B Source: B arbons 45.5 4.18 mg/kg dry 48.7 1.65 0.591 0.0251 " 0.709 ND 3.27 0.0418 " 3.53 0.0170 0.830 0.0418 " 0.833 0.00507 4.05 0.0837 " 4.04 0.0226 0 3.45 " 2.92 2.95 " 2.92	Reporting Result Spike Limit Spike Units Source Result Source %REC Prepared 03/07/05 Using EPA 5030B (MeOH) Source: B5C0144-0 SC07075-MSD1) Source: B5C0144-0 arbons 45.5 4.18 mg/kg dry 48.7 1.65 90.0 0.591 0.0251 " 0.709 ND 83.4 3.27 0.0418 " 3.53 0.0170 92.2 0.830 0.0418 " 0.833 0.00507 99.0 4.05 0.0837 " 4.04 0.0226 99.7 0 3.45 " 2.92 118 0 2.95 " 2.92 101	Reporting Result Spike Limit Source Level Source Result %REC KEC Prepared 03/07/05 Using EPA 5030B (MeOH) Source: B5C0144-01 Source: B5C0144-01 Source: B5C0144-01 SC07075-MSD1) Source: B5C0144-01 90.0 42-125 arbons 45.5 4.18 mg/kg dry 48.7 1.65 90.0 42-125 0.591 0.0251 " 0.709 ND 83.4 45-125 3.27 0.0418 " 3.53 0.0170 92.2 55-125 0.830 0.0418 " 0.833 0.00507 99.0 53-132 4.05 0.0837 " 4.04 0.0226 99.7 59-125 0 3.45 " 2.92 118 50-150 0 2.95 " 2.92 101 53-142	Reporting ResultSpike LimitSource Level%REC Result%REC LimitsRPDPrepared 03/07/05Using EPA 5030B (MeOH)Source: Result%RECLimitsRPDSC07075-MSD1)Source: B5C0144-01Source: B5C0144-01Source: B5C0144-01Source: B5C0144-01SC07075-MSD1) 45.5 4.18 mg/kg dry 48.7 1.65 90.0 42.125 4.93 0.591 0.0251 " 0.709 ND 83.4 45.125 2.22 3.27 0.0418 " 3.53 0.0170 92.2 $55-125$ 2.79 0.830 0.0418 " 0.833 0.00507 99.0 $53-132$ 2.07 4.05 0.0837 " 4.04 0.0226 99.7 $59-125$ 3.01 0 3.45 " 2.92 118 $50-150$ 2.95 " 2.92 101 $53-142$	Reporting ResultSpike LimitSource Level%REC%RECRPD LimitRPDPrepared 03/07/05Using EPA 5030B (MeOH)Source: BSC07075-MSD1)Source: BSC0144-01Source: 45.5 4.18 1.65 mg/kg dry48.7 0.591 1.65 0.0251 90.0 0.709 42-125 2.22 4.93 40 40 40 3.27 0.0418 " 0.830 3.53 0.0418 0.0507 $9.099.053-13253-1322.072.07404.050.0837"4.044.040.022699.799.759-1253.013.0140$

North Creek Analytical - Bothell

beidis

Jeff Gerdes, Project Manager

9521 Willows Road NE	Project Number: 06940-252-120	Reported:
Redmond, WA 98052	Project Manager: Art Cowburn	03/09/05 06:44

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Quality Control North Creek Analytical - Bothell

			v							
		Reporting		Spike	Source		%REC		RPD	
Analyte	Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5C07063: Prepared 03/07/05	Using El	PA 3550B								
Blank (5C07063-BLK1)										
Diesel Range Hydrocarbons	ND	10.0	mg/kg							
Lube Oil Range Hydrocarbons	ND	25.0	"							
Surrogate: 2-FBP	4.95		"	8.33		59.4	50-150			
Surrogate: Octacosane	8.04		"	8.33		96.5	50-150			
LCS (5C07063-BS1)										
Diesel Range Hydrocarbons	63.3	10.0	mg/kg	66.7		94.9	61-120			
Surrogate: 2-FBP	6.41		"	8.33		77.0	50-150			
LCS Dup (5C07063-BSD1)										
Diesel Range Hydrocarbons	64.4	10.0	mg/kg	66.7		96.6	61-120	1.72	40	
Surrogate: 2-FBP	6.07		"	8.33		72.9	50-150			
Duplicate (5C07063-DUP1)					Source: I	B5C0137-0	01			
Diesel Range Hydrocarbons	3.11	10.0	mg/kg dry		4.03			25.8	50	
Lube Oil Range Hydrocarbons	ND	25.0	"		3.69				50	
Surrogate: 2-FBP	6.48		"	9.68		66.9	50-150			
Surrogate: Octacosane	9.79		"	9.68		101	50-150			

North Creek Analytical - Bothell

Seides

Jeff Gerdes, Project Manager

ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052

Project Number: 06940-252-120 Project Manager: Art Cowburn

Reported: 03/09/05 06:44

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control North Creek Analytical - Bothell

			Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5C05017:	Prepared 03/05/05	Using Ge	Using General Preparation								
Blank (5C05017-Bl	LK1)										

North Creek Analytical - Bothell

berdis

Jeff Gerdes, Project Manager

	Seattle	11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 425,420,9200 fax 425,420,9210
	Spokane	11922 E. 1st Avenue, Spokane Valley, WA 99206-5302
	Portland	9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
	Bend	20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
	Anchorage	541.383.9310 fax 541.382.7588 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119 907.563.9200 fax 907.563.9210
ct:	UNOCAL	#0138
er:	06940-252	-120 Reported:

ENSR-RedmondProjectUNOCAL #01389521 Willows Road NEProject Number:06940-252-120Reported:Redmond, WA 98052Project Manager:Art Cowburn03/09/05 06:44

Notes and Definitions

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

North Creek Analytical - Bothell

perdis

Jeff Gerdes, Project Manager


11720 North Creek Parkway N #400 • Bothell, WA 98011-8244 • 425-420-9200 • Fax 920-9210 11922 E 1st Ave • Spokane, WA 99206-5302 • 509-924-9200 • Fax 924-9290 9405 SW Nimbus Ave • Beaverton, OR 97008-7184 • 503-906-9200 • Fax 906-9210 20332 Empire Ave #F1 • Bend, OR 99701-5712 • 541-383-9310 • Fax 382-7588 al Airport Rd #A10 • Anchorage, AK 99502-1119 • 907-563-9200 • Fax 563-9210

2000 W International Airport Rd #A10 • Anchorage, AK	. 99502-1119 • 907-563-9200 • Fax 56
--	--------------------------------------

ENSR CHAIN OF	CUSTODY REPORT	Chain of Custody Record #:
SITE INFORMATION	CONSULTANT INFORMATION	B5C0144
Site Address: La NNAL Conteland St	Address: 9521 Willows Rel	Quality Assurance Data Level:
City State ZIP: Connect 1110 NA	Redmond WA	
P.O. Number:	Phone: 425 881 - 7700 Fax:	A: Standard Summary B: Standard + Chromatograms
r.o. ivunovi.	Project No.: 06940 237 -120	Laboratory Turnaround Days:
CERT INFO: (check one)	Project Manager: Act Country busic	
Detection Demolition Closure Miscellaneous	Samples collected by: Laura Arneson	
	OR WA Series	
	88 CF Control of Contr	
SAMPLING DU S'S S S S S S S S S S S S S S S S S S	A Rest of the second se	
SAMPLE IDENTIFICATION DATE / TIME ₹ ₹ 20 ₽ ₽ ₽		NCA SAMPLE NUMBER
1.252 PL(3) 030505 1015 5 6		
2		
5		
4		
5		
6.		
7		
8		
9.		
10.		······································
Relinquished by Firm Date/Time Received by	Firm Date/Time Find Report App	Foval
1. Laura Arneson ENSR 3/5/05-1345	QUUITTULEUN NOA 3.5.05 /B: 195	yes no "no"
2.	Were the results within the requested turnard	ound? yes no on back
3.	Final approval signature:	
Page] of] Comments: Please call Art Cowburn wi	th preliminary results Firm: Date:	
ENSR COC rev 12/03 Distribution: White - Laboratory Yellow - Co When you have them	at 206-992-2457 5.8 W/O	



C07022.D TGC0305.M Mon



Page 2



Seattle	11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
	425.420.9200 fax 425.420.9210
Spokane	East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
	509.924.9200 fax 509.924.9290
Portland	9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
	503.906.9200 fax 503.906.9210
Bend	20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
	541.383.9310 fax 541.382.7588
Anchorage	2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
	907.563.9200 fax 907.563.9210

11 March 2005

Art Cowburn ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052 RE: UNOCAL #0138

Enclosed are the results of analyses for samples received by the laboratory on 03/07/05 14:15. If you have any questions concerning this report, please feel free to contact me.

Sincerely,

ff beidis

Jeff Gerdes Project Manager



Seattle	11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244
	425.420.9200 fax 425.420.9210
Spokane	11922 E. 1st Avenue, Spokane Valley, WA 99206-5302
	509.924.9200 fax 509.924.9290
Portland	9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
	503.906.9200 fax 503.906.9210
Bend	20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
	541.383.9310 fax 541.382.7588
Anchorage	2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
_	907.563.9200 fax 907.563.9210
UNOCAL	#0138

ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052 Project: UNOCAL #0138 Project Number: 06940-252-120 Project Manager: Art Cowburn

Reported:

03/11/05 08:46

ANALYTICAL REPORT FOR SAMPLES

Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
252 SL(26)030705	B5C0182-01	Soil	03/07/05 11:00	03/07/05 14:15

North Creek Analytical - Bothell

Seides

Jeff Gerdes, Project Manager



ENSR-Redmond	Project: UNOCAL #0138	
9521 Willows Road NE	Project Number: 06940-252-120	Reported:
Redmond, WA 98052	Project Manager: Art Cowburn	03/11/05 08:46

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B North Creek Analytical - Bothell

Analyte	Result	Reporting Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
252 SL(26)030705 (B5C0182-01) Soil	Sampled: 03	/07/05 11:00	Received:	03/07/05 14	4:15				
Gasoline Range Hydrocarbons	372	3.91	mg/kg dry	1	5C07075	03/07/05	03/07/05	NWTPH-Gx/8021B	
Benzene	0.0535	0.0234	"	"	"	"	"	"	
Toluene	ND	0.0391	"	"	"	"	"	"	
Ethylbenzene	3.02	0.0391	"	"	"	"	"	"	
Surrogate: 4-BFB (FID)	>200 %	50-150			"	"	"	"	S-04
Surrogate: 4-BFB (PID)	149 %	53-142			"	"	"	"	S-04
252 SL(26)030705 (B5C0182-01RE1) S	oil Sampled	l: 03/07/05 11	1:00 Receiv	/ed: 03/07/	05 14:15				
Xylenes (total)	22.8	0.312	mg/kg dry	4	5C07075	03/07/05	03/07/05	NWTPH-Gx/8021B	
Surrogate: 4-BFB (PID)	119 %	53-142			"	"	"	"	

North Creek Analytical - Bothell

perdis

Jeff Gerdes, Project Manager



ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052

Project Number: 06940-252-120 Project Manager: Art Cowburn

Reported: 03/11/05 08:46

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up North Creek Analytical - Bothell

		Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
252 SL(26)030705 (B5C0182-01) Soil	Sampled: 03	/07/05 11:00	Received:	03/07/05 14	4:15				
Diesel Range Hydrocarbons	2570	100	mg/kg dry	10	5C07063	03/07/05	03/10/05	NWTPH-Dx	
Lube Oil Range Hydrocarbons	ND	250	"	"	"	"	"	"	
Surrogate: 2-FBP	ND	50-150			"	"	"	"	S-01
Surrogate: Octacosane	98.7 %	50-150			"	"	"	"	

North Creek Analytical - Bothell

beidis

Jeff Gerdes, Project Manager



 Seattle
 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 425.420,9200 fax 425.420.9210

 Spokane
 11922 E. 1st Avenue, Spokane Valley, WA 99206-5302 509.924.9200 fax 509.924.9290

 Portland
 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132 503.906.9200 fax 503.906.9210

 Bend
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

 Anchorage
 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119 907.563.9200 fax 907.563.9210

ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052 Project: UNOCAL #0138 Project Number: 06940-252-120 Project Manager: Art Cowburn

Reported:

03/11/05 08:46

Physical Parameters by APHA/ASTM/EPA Methods North Creek Analytical - Bothell

	-	Reporting							
Analyte	Result	Limit	Units	Dilution	Batch	Prepared	Analyzed	Method	Notes
252 SL(26)030705 (B5C0182-01) Soil	Sampled: 03/07	/05 11:00	Received:	03/07/05 14	4:15				
Dry Weight	92.0	1.00	%	1	5C07074	03/07/05	03/08/05	BSOPSPL003R08	

North Creek Analytical - Bothell

beidis

Jeff Gerdes, Project Manager



ENSR-Redmond

9521 Willows Road NE

Redmond, WA 98052

11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 425.420.9200 fax 425.420.9210 Seattle Spokane 11922 E. 1st Avenue, Spokane Valley, WA 99206-5302 509.924.9200 fax 509.924.9290 Portland 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132 503.906.9200 fax 503.906.9210 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588 Bend 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119 Anchorage 907.563.9200 fax 907.563.9210 Project: UNOCAL #0138 Project Number: 06940-252-120 **Reported:**

03/11/05 08:46

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality Control

Project Manager: Art Cowburn

		Ν	orth Cr	eek Analy	tical - H	Bothell					
			Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5C07075:	Prepared 03/07/05	Using El	PA 5030B	(MeOH)							
Blank (5C07075-BI	L K1)										
Gasoline Range Hydro	carbons	ND	5.00	mg/kg							
Benzene		ND	0.0300	"							
Toluene		ND	0.0500	"							
Ethylbenzene		ND	0.0500	"							
Xylenes (total)		ND	0.100	"							
Surrogate: 4-BFB (FIL))	2.85		"	3.00		95.0	50-150			
Surrogate: 4-BFB (PIL))	3.08		"	3.00		103	53-142			
LCS (5C07075-BS1											
Gasoline Range Hydro	carbons	50.4	5.00	mg/kg	50.0		101	75-125			
Benzene		0.605	0.0300	"	0.728		83.1	75-125			
Toluene		3.32	0.0500	"	3.62		91.7	75-125			
Ethylbenzene		0.836	0.0500	"	0.855		97.8	75-125			
Xylenes (total)		4.09	0.100	"	4.15		98.6	75-125			
Surrogate: 4-BFB (FIL))	3.61		"	3.00		120	50-150			
Surrogate: 4-BFB (PIL))	2.90		"	3.00		96.7	53-142			
LCS Dup (5C07075	5-BSD1)										
Gasoline Range Hydro	carbons	48.2	5.00	mg/kg	50.0		96.4	75-125	4.46	25	
Benzene		0.611	0.0300	"	0.728		83.9	75-125	0.987	25	
Toluene		3.39	0.0500	"	3.62		93.6	75-125	2.09	25	
Ethylbenzene		0.855	0.0500	"	0.855		100	75-125	2.25	25	
Xylenes (total)		4.16	0.100	"	4.15		100	75-125	1.70	25	
Surrogate: 4-BFB (FIL))	3.54		"	3.00		118	50-150			
Surrogate: 4-BFB (PIL))	2.98		"	3.00		99.3	53-142			
Matrix Spike (5C07	7075-MS1)					Source: E	B5C0144-0	01			
Gasoline Range Hydro	carbons	47.8	4.18	mg/kg dry	48.7	1.65	94.8	42-125			
Benzene		0.578	0.0251	"	0.709	ND	81.5	45-125			
Toluene		3.18	0.0418	"	3.53	0.0170	89.6	55-125			
Ethylbenzene		0.813	0.0418	"	0.833	0.00507	97.0	53-132			
Xylenes (total)		3.93	0.0837	"	4.04	0.0226	96.7	59-125			
Surrogate: 4-BFB (FIL))	3.52		"	2.92		121	50-150			
Surrogate: 4-BFB (PIL	D)	2.87		"	2.92		98.3	53-142			

North Creek Analytical - Bothell

Seides

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.

Jeff Gerdes, Project Manager



ENSR-Redmond

 Seattle
 11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 425.420.9200 fax 425.420.9210

 Spokane
 11922 E. 1st Avenue, Spokane Valley, WA 99206-5302 509.924.9200 fax 509.924.9290

 Portland
 9405 SW Nimbus Avenue, Beaverton, OR 97008-7132 503.906.9200 fax 503.906.9210

 Bend
 20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711 541.383.9310 fax 541.382.7588

 Anchorage
 2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119 907.563.9200 fax 907.563.9210

 Project:
 UNOCAL #0138

9521 Willows Road NEProject Number:06940-252-120Reported:Redmond, WA 98052Project Manager:Art Cowburn03/11/05 08:46

Gasoline Hydrocarbons (Benzene to Naphthalene) and BTEX by NWTPH-G and EPA 8021B - Quality Control

North Creek Analytical - Bothell

			Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5C07075:	Prepared 03/07/05	Using El	PA 5030B	(MeOH)							
Matrix Spike Dup (5C07075-MSD1)					Source: B	5C0144-()1			
Gasoline Range Hydrod	carbons	45.5	4.18	mg/kg dry	48.7	1.65	90.0	42-125	4.93	40	
Benzene		0.591	0.0251	"	0.709	ND	83.4	45-125	2.22	40	
Toluene		3.27	0.0418	"	3.53	0.0170	92.2	55-125	2.79	40	
Ethylbenzene		0.830	0.0418	"	0.833	0.00507	99.0	53-132	2.07	40	
Xylenes (total)		4.05	0.0837	"	4.04	0.0226	99.7	59-125	3.01	40	
Surrogate: 4-BFB (FID))	3.45		"	2.92		118	50-150			
Surrogate: 4-BFB (PIL))	2.95		"	2.92		101	53-142			

North Creek Analytical - Bothell

beidis

Jeff Gerdes, Project Manager



ENSR-Redmond

9521 Willows Road NE	Project Number: 06940-252-120	Reported:
Redmond, WA 98052	Project Manager: Art Cowburn	03/11/05 08:46

Semivolatile Petroleum Products by NWTPH-Dx with Acid/Silica Gel Clean-up - Quality Control North Creek Analytical - Bothell

			Reporting		Snike	Source		%RFC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5C07063:	Prepared 03/07/05	Using EF	A 3550B								
Blank (5C07063-BI	LK1)										
Diesel Range Hydrocar	bons	ND	10.0	mg/kg							
Lube Oil Range Hydro	carbons	ND	25.0	"							
Surrogate: 2-FBP		4.95		"	8.33		59.4	50-150			
Surrogate: Octacosane		8.04		"	8.33		96.5	50-150			
LCS (5C07063-BS1)										
Diesel Range Hydrocar	bons	63.3	10.0	mg/kg	66.7		94.9	61-120			
Surrogate: 2-FBP		6.41		"	8.33		77.0	50-150			
LCS Dup (5C07063	-BSD1)										
Diesel Range Hydrocar	bons	64.4	10.0	mg/kg	66.7		96.6	61-120	1.72	40	
Surrogate: 2-FBP		6.07		"	8.33		72.9	50-150			
Duplicate (5C07063	B-DUP1)					Source: I	B5C0137-	01			
Diesel Range Hydrocar	bons	3.11	10.0	mg/kg dry		4.03			25.8	50	
Lube Oil Range Hydro	carbons	ND	25.0	"		3.69				50	
Surrogate: 2-FBP		6.48		"	9.68		66.9	50-150			
Surrogate: Octacosane		9.79		"	9.68		101	50-150			

North Creek Analytical - Bothell

Seides

Jeff Gerdes, Project Manager



ENSR-Redmond 9521 Willows Road NE Redmond, WA 98052

Project Number: 06940-252-120 Project Manager: Art Cowburn

Reported: 03/11/05 08:46

Physical Parameters by APHA/ASTM/EPA Methods - Quality Control North Creek Analytical - Bothell

			Reporting		Spike	Source		%REC		RPD	
Analyte		Result	Limit	Units	Level	Result	%REC	Limits	RPD	Limit	Notes
Batch 5C07074:	Prepared 03/07/05	Using Ge	neral Pre	paration							
Blank (5C07074-Bl	L K1)										
Dry Weight		99.8	1.00	%							

North Creek Analytical - Bothell

berdis

Jeff Gerdes, Project Manager



Seattle	11720 North Creek Pkwy N, Suite 400, Bothell, WA 98011-8244 425.420.9200 fax 425.420.9210
Spokane	11922 E. 1st Avenue, Spokane Valley, WA 99206-5302
	509.924.9200 fax 509.924.9290
Portland	9405 SW Nimbus Avenue, Beaverton, OR 97008-7132
	503.906.9200 fax 503.906.9210
Bend	20332 Empire Avenue, Suite F-1, Bend, OR 97701-5711
	541.383.9310 fax 541.382.7588
Anchorage	2000 W International Airport Road, Suite A-10, Anchorage, AK 99502-1119
-	907.563.9200 fax 907.563.9210
ect: UNOCAL	, #0138

ENSR-Redmond	Project: UNOCAL #0138	
9521 Willows Road NE	Project Number: 06940-252-120	Reported:
Redmond, WA 98052	Project Manager: Art Cowburn	03/11/05 08:46

Notes and Definitions

- S-01 The surrogate recovery for this sample is not available due to sample dilution required from high analyte concentration and/or matrix interferences.
- S-04 The surrogate recovery for this sample is outside of established control limits due to a sample matrix effect.
- 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

North Creek Analytical - Bothell

Leides

Jeff Gerdes, Project Manager



11720 North Creek Parkway N #400 • Bothell, WA 98011-8244 • 425-420-9200 • Fax 920-9210 11922 E 1st Ave • Spokane, WA 99206-5302 • 509-924-9200 • Fax 924-9290 9405 SW Nimbus Ave • Beaverton, OR 97008-7184 • 503-906-9200 • Fax 906-9210 20332 Empire Ave #F1 • Bend, OR 99701-5712 • 541-383-9310 • Fax 382-7588

2000 W International Airport Rd #A10 • Anchorage, AK 99502-1119 • 907-563-9200 • Fax 563-9210

-	EN	SR (СНА	IN	OI	FC	US	TC	D	ΥI	RE	P	DR'	Т	B	5/1	18	2						Chain of Custody Re	cord #:
SI Facility Number: () 38	TEINPORMATE	ON				Na	me:	Ê٢	Jer	2	(a.)		12.157	87,33											
Site Address: UINW (coveland					A	dress:	44	521	S	1.	On	12	Rd	(_	_							Quality Assurance Dat	ta Level:
City, State, ZIP: COUDEV	Ile WG	<u>}</u>						<u> </u>	edr	non	d	\sim	A	9	18	05	2							A: Standard Subm	
P.O. Number:						Ph	one:	125	Ø	81	77	00		Fax:	:									B: Standard + Chromat	ograms
		~~7				- Pr	oject N	о.: С	69	40	~	25	2-17	zυ										Laboratory Turnarour	nd Days:
Detection Demo	Evaluation	Closure	Remediatio	on Miscel	laneou	s Sa	nples	lanage	r: A ed by:	rt L	3) 102	nut ra	יזטכ <u>Ar</u>	<u>nce</u>	er	<u> </u>								10 5 3 2	A
					AK		٤ [JWA	Þ	NW S	Series							-					F		
	SAMBI DIC	RIX S, O)	ABER OF ITAINERS	HCID	-Gas	X Only EPA Mod. -Gas +	X -Diesel	-Diesel nded	-Diesel-Ext. 3 cleanup	gen. tiles EPA	icides/PCBs CBs only	MS Volatiles 8260	MS Semivols. 8270 1s: 8270 SIM	а. 02 /0 Зци 310 1. Total or	olved	P or RCRA als (8)									
SAMPLE IDENTIFICATION	DATE / TIME	TAM (W, :	C O Z	HdT	Hat	BTE 8021 TPH	BTB	TPH Exte	Hd'1 Hq'1	Halc Vola	Pest or P	GC/ EPA	GC/ EPA	or 8	Disa	TCI Met								NCA SAMPLE NU	JMBER
1.252 SL(26) 030705	1100	S	3			X			X															01	
2.																									
3.																									
4.																									
5.																									
6																									
7																									
8																									
<u>.</u>							Τ																		
10.																								2.80	wo
Relinquished by	Firm	Date	:/Time	Rece	iver t	y,/	<u>^</u>	Firm	n			Da	te/Tim	e						Q			92	ikvo	D.C.
1. Laura Ameson	ENSR	1415	3171	05	(W	'hy (aml	u .	ΔΔ	<u>A</u>		5/1/I	15 /	<u> </u>	W	ere al	l requ	ested	results	s prov	ided?			yes no	"no"
2.						,									W	ere th	e resi	ilts wi	thin th	ne req	uesteo	i turn:	arou	ind? yes no	on back
3.	Commonto		<u></u>											_				rmal	approv	vai si	gnatul	с.			
Page of	Please	<u>call</u>	La	uta		+ 4	123	5 3	73	54	47	22	<u> </u>		Fi	rm:						Date	:		
ENSR COC rev 12/03	with r	VILLE	115.	Tha	NK	S																			





C07024.D TGC0305.M



ATTACHMENT C

Copies of the Waste Disposal Documents



RABANCO REGIONAL DISPOSAL CO. P.O. Box 338

Driver

Roosevelt, WA 99356 (509) 384-5641



经合理合理查

ICKET NUMBER

*** COMPLETED WEIGHT TICKET ***

The Bandresto site of Beellowic, as in the other outs. The band are sufficiently as the balances, TRUCK ID: 949 Paterbilt-Red-RDC ACCOUNT: 14755 Clear, Greek

COMMODITY: 34 PC5 SOURCE: Everett. WA JOB ID: 05-1065 CONTAINER #: BCEU431140, CUSTOMER TICKET #1 CUSTOMER WEIGHTS OF ØILBS COMMENTS:

H . //	19			문서에 사망하는 것 같아?	Sec. 26. 36.						1994 - B. B.	1999 - 18 M A.	1 (1 () () () () () () () () (4. 2. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	
		1			6	S			7.4 St. 19 St. 19		Sec. Sec. Ca	A	والمستحد والمعادمة والمعاد	S 28 9.40		6
		20 - 20 - 11 - 11 - 11 - 11 - 12 - 12 - 12 - 12	UT ANDRED		1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		45 (1) (1) (1) (1) (1) (1) (1) (1) (1) (1)	11. C. C. C.	1.1.2.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1	(1) 2. (6) 7	1	1.11			A 49-11-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-	S 33 8 1
	Service Astronomy	# Y L. J L J		1999 - F HE						-					Sec. 12.	2 C
26. AV 1		and the second second second		229994 11966		161 T C	Sec. 1	Sec. Sec. Come	S. 19. St. 1		Sec. 15	19-11-11-11		1. 1. 1. 1. 1.	Sec. Sec.	
	 A second second 	135 T		· · · · · · · · · · · · · · · · · · ·		// I C	No. 11-22-567-54	一种原始和此外的			25	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	- 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		1	2. State 1
	「●」 (1995年1月1日)	5 5 6 VIIA	: 1 700				국왕은 승규는 것		er estroiter	이 같은 것은 것	5			1. Sec. 1	1	
				4 4 4 4 4	2 - 1 - 2 - 2 - 3			1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	16 1 2	1. 1	Section 150	Beaching	San Basa (2007)	an 2011 - 2011 -	1. A. S. M.	Sec. 1. 1. 1. 1.
61 F			夏日にもない	月 拉拉教育 建二氟 化	5 Gia (1 A a	<i>U I I</i> 185	이 아이는 아이들이 같은 것		e	Sec. 1	13 21 - 22	いろうちている。				经总管管理
31.1		- <u>67500</u>	31 . A . A .	- 4		¥ 1 / ¥.	J		617 m					1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1		
	十月, 行人 然不已经 =		(1) (4) (4) (5) (5) (5)	CARLES SE CONTRACT		1. S.		1.1.1				1. Car 16 a ta	e Morella di	1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -		A State of the second
		26 / C		22.049 ET 2.100		2.2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2. 2.		5 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	2 C	2.4.16 1.1272					1111 121 121	
					0.07	N / J M			2		Sec. 2.	2 . S. S	S. 23. 11	0.2	SI 44 7	Generalia
2	1941 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 - 1945 -		THE REPART	S. (1997) - 1997 - 1997		100 A 100		797 Y 18 L - C	1607.		· · · · · · · · · · · · · · · · · · ·	1. Sec. 1.	ST 1997 S	1 - 14 A.A.	31 157	17. C. C. C.
		CDF - 262 A- 761 - 172 A-	1. S.		しわくごび ほかをよく	1. Sec. 19	Sector Sector				5 AIRD	1 1 1				6 (<u>1</u>
	知道を知ることができ				3. S. H. Mar C. S.	· · · · · · · · · · · · · · · · · · ·	Sec. She is a lo	1. S	A		入 丁払 む	- L H		1. 1. 1. 1. 1. 1.	Sec. 640	14.6 2 . 5 .
	计算机的复数形式	2	1	- 1 man 2 m	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	1				S				1 - A -	$\mathbf{w}_1 = \mathbf{w}_2$	I MIC .
P 5					5	1.1.1		 2010 	7						29 J. 1	419 O .
2. · · · ·	Constant and the second second	ションガン パーション・ディー・ディング		C. MARKING STREET, MARKING	S. 64 C.	C	719-18 () N 1		1 1. 1. 1. 5 . 5 . 6 . 7	1.20 3.00	10 14 TON		11.11.11.11.1.1.1.1.1.1.1.1.1.1.1.1.1.	14. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	1	Sec
	COMPRESS AND A	医含糖尿及药酶医尿道	4 H H	1		1	1.1	Sec. 1. 2018	いらばいなられる		C 10 13			2 - A - A - A - A - A - A - A - A - A -	1. 10. 200	27.7.1
	2.1.2.1			14 78 3 CO 14 1 C 1 C 1	A	1日 アンマスト		7.1.1	- 11 - ST	19 - 19 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1		1998 - Carlos I.		1998 B.	2 C	
	N 60 3 4 6 6 7	5		1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.1.	1 S. S. A. B. S. A.		100 C 100 C	614F. (5152 35 a P	3.55.03 States	1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1	N		An Court Pro-	Sec. 19.	26. 1. 6 1 1	18. 2. 3 - 4
\Rightarrow		1.137 Control 1.1 1.1 1.1 1.1 1.1 1.1 1.1		and the second second second		N 10 10 10 10 10 10	PE - 21 - 21 - 21 - 21 - 21 - 21 - 21 - 2		1. A. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1. 1.	5 - C		201 (S. 16)		20 A 10 A 10	1.1	T = T + 1
- LL - 1	1	No. Barren and the state of the		in the second states of the second second	8 - C - C - C - C - C - C - C - C - C -	144 14	25 - A - A - A - A - A - A - A - A - A -	1. A.	1. ALC		5		17.	Se 28 Sec. 44 L	A. 10 184 18	2 C

Weighmaster - VICKY A HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.



Weighmaster - VICKY I HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE

Recycled



NET 43560 LBS 15:09 03/07/05 OUT: WEIGHT: 48680 LBS / 24.340 TONS

Weighmaster - VICKY I HAVE READ AND ACREE TO THE CONDITIONS ON THE REVERSE SIDE

¢∕Ω.

Recycled

PLANE AT MANY MANY

Driver



RABANCO REGIONAL DISPOSAL CO. P.O. Box 338 Boosevelt, WA 99356

(509) 384-5641



CKET NUMBER

*** COMPLETED WEIGHT TICKET ***

TRUCK ID: 9950 Pete-Red-RDC ACCOUNT: 14755 Clean Creek

COMMODITY: 34 PCS SOURCE: Everett, WA

JOB ID: 05-1065 CONTAINER #: SCZU828391, CUSTOMER TICKET #: 0 LBS COMMENTS:

NET

WEIGHT TIME DATE

IN: 100120 LB5 15:19 03/07/05

BUT: 41760 LBS 15:41 03/07/05 WEIGHT: 58360 LBS / 29.180 TONS

9 dea Weighmaster - VICKY HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE

BILLING COPY

家族群岛





Weighnaster - VICKY THAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.

cycled



RABANCO REGIONAL DISPOSAL CO. P.O. Box 338 Beosevelt, WA 99356

(509) 384-5641



ICKET NUMBER 963238 *** COMPLETED WEIGHT TICKET ***

TRUCK ID: 6180 Pete-Red-RDC

COMMODITY: 34 PCS SOURCE: Everett, WA JOB ID: 05-1065

ę A

Recycle

CONTAINER #: TOLU457282,

CUSTOMER TICKET #; CUSTOMER (MEIGHT: 0 LBS COMMENTS:

WEIGHT TIME DATE

IN: 108340 LBS 15:33 03/07/05 NET OUT: 40340 LBS 15:54 03/07/05 WEIGHT: 68000 LBS / 34.000 TONS

Weighmaster ~ VICKY THAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.





RABANCO REGIONAL DISPOSAL CO. P.O. Box 338

Roosevelt, WA 99356 (509) 384-5641



TICKET NUMBER 963251

TRUCK ID: 9948 Pete-Red-RDC

COMMODITY: 34 PCS SOURCE: Everett, WA The state of the second sec JOB ID: 05-1065 BEAL #: CONTAINER #: SCIU230579, Statistical Statistics of the Technology of the 计方式通信系统 南非国际的现象 CUSTOMER TICKET #: CUSTOMER WEIBHT: @ LBS COMMENTS: WEIGHT TIME DATE 99520 LBS 15:51 03/07/05 IN: NET OUT: 40920 LBS 16:16 03/07/05 WEIGHT: 58600 LBS / 29.300 TONS

Weighnaster - VICKY THAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.

cvded



RABANCO REGIONAL DISPOSAL CO. P.O. Box 338 Roosevelt, WA 99356 (509) 384-5641



ICKET NUI	MBER / / /9634	10 2	e de la dist 1979 - Aldor	*** COMPLE	red weight	TICKET	• Citebra Port
TRUCK II): 6811, Pete-	Red-RDC	n: pyra		14755 (Cle	ar Cresk	, na húsa (h) Historia
COMMODIT SOURCE:	Y: 34 PCS Everett, WA 25-1265	i Na Kata		i I I IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII			on the field of the
CONTAINE	R #: 6CXU297	7 56, ⁴ – 1756 -	i konstan Konstan a	al of the BEF Advised and the	\L, #:	n bi ditadi Agi panakati paki	
CUSTOMER COMMENTS	: TICKET #: :			. CUSTOMER WEI	GHT:	- 0, LBS	
IN:	WEIGHT 94460 LBS	<u>TIME</u> 09:17	DATE 03/08/05	NET			
OUT:	43060 1285	09:32	03708705	WEIGHT:	51400 LI	95 / 25 .7 0	Ø TONS

Weighmaster - GAIL 1 Driver cycled HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE

é.

	RABANCO REGIONAL DISPOSAL CO. P.O. Box 338 Roosevelt, WA 99356 (509) 384-5641	
ICKET NUMBER 963403	**** COMPLETED WEIGHT TICKET ***	
TRUCK ID: 9950 PeterRed RDC F COMMODITY: 34 PCS SDURCE: Everett, WA JOB ID: 05-1065 CONTAINER #: TOLU438725,	SEAL #1	
CUSTOMER TICKET #: COMMENTS:	CUSTOMER WEIGHT: 0 LBG	Alina Mina Mina di Kasarang Kasarang Kasarang Kasarang Kas
<u>WEIGHT TIME</u> IN: 94060 LBS 09:18 0 DUT: 43340 LBS 09:38 0	DATE 3/08/05 NET 3/08/05 WEIGHT: 50720 LBS / 25.360 TONS	
Have Frances - 6011	Driver HE CONDITIONS ON THE REVERSE SIDE	BILLING COPY

ł

ž



THAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE

	RABANCO REGIONAL DISPOSAL CO. P.O. Box 338 Roosevelt, WA 99356 (509) 384-5641	
ICKET NUMBER 👾 🤋 964149 📖 🚋	*** COMPLETED WEIGHT TICKET ***	all.
TRUCK ID: 6180 Pete-Red-RDC COMMODITY: 34 PCS SOURCE: Everett, WA JOB ID: 05-1065 CONTAINER #: SCXU294061,	SEAL #:	
CUSTOMER TICKET #:	CUSTOMER WEIGHT: 0 LBS	in an ann an Arrainn An Arrainn Allana
<u>WEIGHT TIME</u> IN: 87880 LBS 10:05 (OUT: 43360 LBS 10:20 4	<u>DATE</u> 03/11/05 NET 03/11/05 WEIGHT: 44520 LBS / 22.260 TONS	
- Weighmaster - BAIL	Driver	

ħ

THAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.

ļ



I HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.

RABANCO REGIONAL DISPOSAL CO. P.O. Box 338 Roosevelt, WA 99356 (509) 384-5641	
ICKET NUMBER	
TRUCK ID: 949 Peterbilt-Red-RDC COMMODITY: 34 PCS SOURCE: Everett, WA JOB ID: 05-1065 CONTAINER #: RBDUE01270	
CUSTOMER TICKET #: COMMENTS: 20 LBS	na kut Na kut
<u>WEIGHT TIME DATE</u> TN: 95920 LBS 10:22 03/11/05 NET DUT: 42800 LBS 10:38 03/11/05 WEIGHT: 53120 LBS 7 26.560 TONS	
Weighmaster - GAIL Regolad 1 HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE	- BILLING COPY

١

P.O. Box 338 Pocsevelt, WA 99356 (509) 384-5641	OSALCO.
NCKETNUMBER 964860 *** COMPLETED WEIG	₩T TICKET ***
TRUCK ID: 272 Peterbilt-Red-RDC ACCOUNT: 14755 C COMMODITY: 34 PCS SOURCE: Everett, WA JOB ID: 05-1065 CONTAINER #: RBDU201133.	lear Creek
CUSTOMER TICKET #: COMMENTS:	Ø LBS
<u>WEIGHT TIME DATE</u> IN: 101780 LBS 12:05 03/14/05 NET OUT: 48800 LBS 12:20 03/14/05 WEIGHT: 52980	LBS / 26.490 TONS
Weighmaster - GAIL Recycled I HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.	BILLING COPY

1

RABANCO REG P. Roose (50	IONAL DISPOSAL CO. O. Box 338 velt, WA 99356 9) 384-5641
ICKET NUMBER 964862	MPLETED WEIGHT TICKET ***
TRUCK ID: 578 Peterbilt-Red-RDC ACC COMMODITY: 34 PCS SDURCE: Everett, WA JOB ID: 05-1065 CONTAINER #: RBDU201172,	DUNT: 14755 Clear Creek
CUSTOMER TICKET #: CUSTOME COMMENTS:	RWEIGHT: 10 LBS
WEIGHT TIME DATE 'IN: 98300 LBS 12:05 03/14/05 N QUT: 47680 LBS 12:20 03/14/05 WEI	ET GHT: 50620 LBS / 25.310 TONS
Weighmaster - GAIL	Driver BEVERSE SIDE

ŧ

.

.

ł

÷



HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE

Recycled
RABAN	ICO REGIONAL DISPOSAL.CO. P.O. Box 338 Roosevelt, WA 99356 (509) 384-5641	
ICKET NUMBER	*** COMPLETED WEIGHT TICKET ***	
TRUCK ID: 578 Peterbilt-Red-RDC COMMODITY: 34 PCS SDURCE: Everett, WA JOB ID: 05-1065	ACCOUNT: 14755 Clear Creek	Su Brti,∦P Ba
CONTAINER #: TPHU252054,	SEAL #:	an a
CUSTOMER TICKET #: COMMENTS:	CUSTOMER WEIGHT: 0 LBS	
WEIGHT TIME DATE IN: 98600 LBS 12:56 03/14/05 DUT: 48160 LBS 13:14 03/14/05	NET. WEIGHT: 50440 LBS / 25.220 TONS	
Weighmaster - GAIL	Driver	
Recycled 11HAVE READ AND AGREE TO THE CONDITI	ONS ON THE REVERSE SIDE.	BILLING COPY

١

۰.

ž

.

÷

ł

•



Driver

「白白」「白白」

SOURCE: Everett, WA JOB ID: 05-1065 CONTAINER #: SCXU825870,

SEAL #:

CUSTOMER TICKET #: CUSTOMER WEIGHT: 0 & LBS COMMENTS:

5	÷,		÷		1			7		5	E	I	E	ił				ŝ,	ŀ.			S.	1	1	Þ	E	1		ġ.	1		Н	7	T	E	51		
1	Î	N	1	e,	9	50	ž,	Í I	4	5	Ś	8	Ø	ľ	1	1.4	Ĥ	5		F.	1		গ	4		4	٩	- 7		'n.	7	1	ŕ	Ł	11	A=		ļ
ĥ		З Т	- 4 (2)	a'	4			Ţ.	13	6	in the	5	, I	1		23	6	F	2		1		ł	1	ų/	'n	1		2	$_{l}$	4	45 L	лų С	(9: 	ŝ,	1.		ć
-	Ξ.	Ļ	÷.,	÷.		1.17				P	v	-	ř,	1	9	1	2	Ð		-	-		1	-1			*			4,	-1	0		\overline{a}	į,۳	3.	3	ķ

NET

WEIGHT: 57560 LBS / 28.780 TONS

Weighmaster - VICKY I HAVE READ AND AGREE TO THE CONDITIONS ON THE REVERSE SIDE.

BILLING COPY

03/24/2005 16:53 2063327706	RABANCO PAGE 02702
965334	*** COMPLETED WEIGHT TICKET ***
TRUCK ID: 6182 COMMODITY: 34 (34) PCS-SEATTLE	ACCOUNT: 14755 Clearcreek Contractors PO Box 1706 Everett, WA 98206
SOURCE: Everett JOB ID: 05-1065 CONTAINER #: SCXU826695, CUSTOMER TICKET #:	SEAL #: CUSTOMER WEIGHT: 0 LBS
© WEIGHT TIME DATE IN: 100260 LBS 15:10 03/15/05 OUT: 41080 LBS 15:32 03/15/05	NET WEIGHT: 59180 LBS / 29.590 TONS

.

Weighmaster - PAM

.

.

.

Į.

Driver

••

03/24/2005 16:53 2053327705	RABANCO PAGE 01/02
1 965335	*** COMPLETED WEIGHT TICKET ***
TRUCK ID: 579	ACCOUNT: 14755 Clearcreek Contractore PO Box 1706 Everett, WA 98206
COMMODITY: 34 (34) PCS-SEATILE SOURCE: Everett JOB ID: 05-1065 CONTAINER #: SCXU854646,	SEAL #:
CUSTOMER TICKET #: COMMENTS:	CUSTOMER WEIGHT: 0 LBS
© WEIGHT TIME DATE IN: 90220 LBS 15:11 03/15/05 OUT: 44360 LBS 15:32 03/15/05	NET WEIGHT: 45860 LBS / 22.930 TONS

.

Weighmaster - PAM

i

Driver

.