



FAX TRANSMITTAL

8410 - 154th Avenue NE
Redmond, Washington 98052
Telephone: (425) 861-6000
Fax: (425) 861-6050

To: _____

Date: 3/11/98File: 0161-394

FAX Number: _____

Attention: _____

Tim Johnson TO5CO 206 442-7561; Stan Hawkins/Bob DeNunno
Brian Sato Ecology 425-7098; Miles Atkey 1 (425) 228-9793
1 425 334-3157

Regarding: _____

Snohomish

Pages	Date	Description
11		Chemical Analytical Data for Seep Samples

Total Pages: 12

Comments: _____

Note: _____

Vial B (date stamped 3/1/98) is the
VOA that wasn't taken from the film canister.

Signed: _____

Alex Bona



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

BOTHELL ■ (425) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Geo Engineers - Redmond
8410 154th Ave NE
Redmond, WA 98052

Project: TOSCO/Formal Unocal #4165
Project Number: 0161-394-00
Project Manager: Lisa Bona

Sampled: 3/1/98
Received: 3/2/98
Reported: 3/10/98 14:27

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
980301-1	B803040-01	Water	3/1/98

GeoEngineers

MAR 1 1998

Routing *[Signature]* ☐ ☐ ☐
File ☐

North Creek Analytical, Inc.

*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.*

[Signature]
Joy B Chang, Project Manager

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

BOTHELL: (425) 481-9200 FAX 485-2992
 SPOKANE: (509) 924-9200 FAX 924-9290
 PORTLAND: (503) 643-9200 FAX 644-2202

Geo Engineers - Redmond
 8410 154th Ave NE
 Redmond, WA 98052

Project: TOSCO/Formal Unocal #4165
 Project Number: 0161-394-00
 Project Manager: Lisa Bona

Sampled: 3/1/98
 Received: 3/2/98
 Reported: 3/10/98 14:27

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8021B North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
980301-1 (Vial B)				B803040-01			Water	
Gasoline Range Hydrocarbons	0380207	3/9/98	3/9/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		0.500	ND	"	
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		106	%	
Surrogate: 4-BFB (PID)	"	"	"	50.0-150		106	"	



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

BOTHELL ■ (425) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Geo Engineers - Redmond 8410 154th Ave NE Redmond, WA 98052	Project: TOSCO/Formal Unocal #4165 Project Number: 0161-394-00 Project Manager: Lisa Bona	Sampled: 3/1/98 Received: 3/2/98 Reported: 3/10/98 14:27
---	---	--

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8021B/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0380207										
Blank										
0380207-BLK1										
Extraction Method: EPA 5030B (P/T)										
Gasoline Range Hydrocarbons	3/9/98			ND	ug/l	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	1.00				
Surrogate: 4-BFB (FID)	"	48.0		48.9	"	50.0-150	102			
Surrogate: 4-BFB (PID)	"	48.0		48.6	"	50.0-150	101			
LCS										
0380207-BS1										
Gasoline Range Hydrocarbons	3/9/98	500		538	ug/l	75.0-125	108			
Surrogate: 4-BFB (FID)	"	48.0		59.6	"	50.0-150	124			
Duplicate										
0380207-DUP1 B803114-08										
Gasoline Range Hydrocarbons	3/10/98		37800	38000	ug/l			25.0	0.528	
Surrogate: 4-BFB (FID)	"	48.0		60.9	"	50.0-150	127			
Matrix Spike										
0380207-MS1 B802506-01										
Benzene	3/9/98	10.0	ND	11.1	ug/l	70.0-130	111			
Toluene	"	10.0	4.21	15.0	"	70.0-130	108			
Ethylbenzene	"	10.0	1.78	12.0	"	70.0-130	102			
Xylenes (total)	"	30.0	7.10	38.4	"	70.0-130	104			
Surrogate: 4-BFB (PID)	"	48.0		52.8	"	50.0-150	110			
Matrix Spike Dup										
0380207-MSD1 B802506-01										
Benzene	3/9/98	10.0	ND	11.4	ug/l	70.0-130	114	15.0	2.67	
Toluene	"	10.0	4.21	15.3	"	70.0-130	111	15.0	2.74	
Ethylbenzene	"	10.0	1.78	12.0	"	70.0-130	102	15.0	0	
Xylenes (total)	"	30.0	7.10	38.5	"	70.0-130	105	15.0	0.957	
Surrogate: 4-BFB (PID)	"	48.0		53.2	"	50.0-150	111			

**NORTH
CREEK
ANALYTICAL***Environmental Laboratory Services*

BOTHELL ■ (425) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Geo Engineers - Redmond
8410 154th Ave NE
Redmond, WA 98052

Project: TOSCO/Formal Unocal #4165
Project Number: 0161-394-00
Project Manager: Lisa Bona

Sampled: 3/1/98
Received: 3/2/98
Reported: 3/10/98 14:27

Notes and Definitions

#	Note
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
Recov.	Recovery
RPD	Relative Percent Difference

North Creek Analytical, Inc.

Joy B Chang, Project Manager

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 99208-4776
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132

Quantitation Report

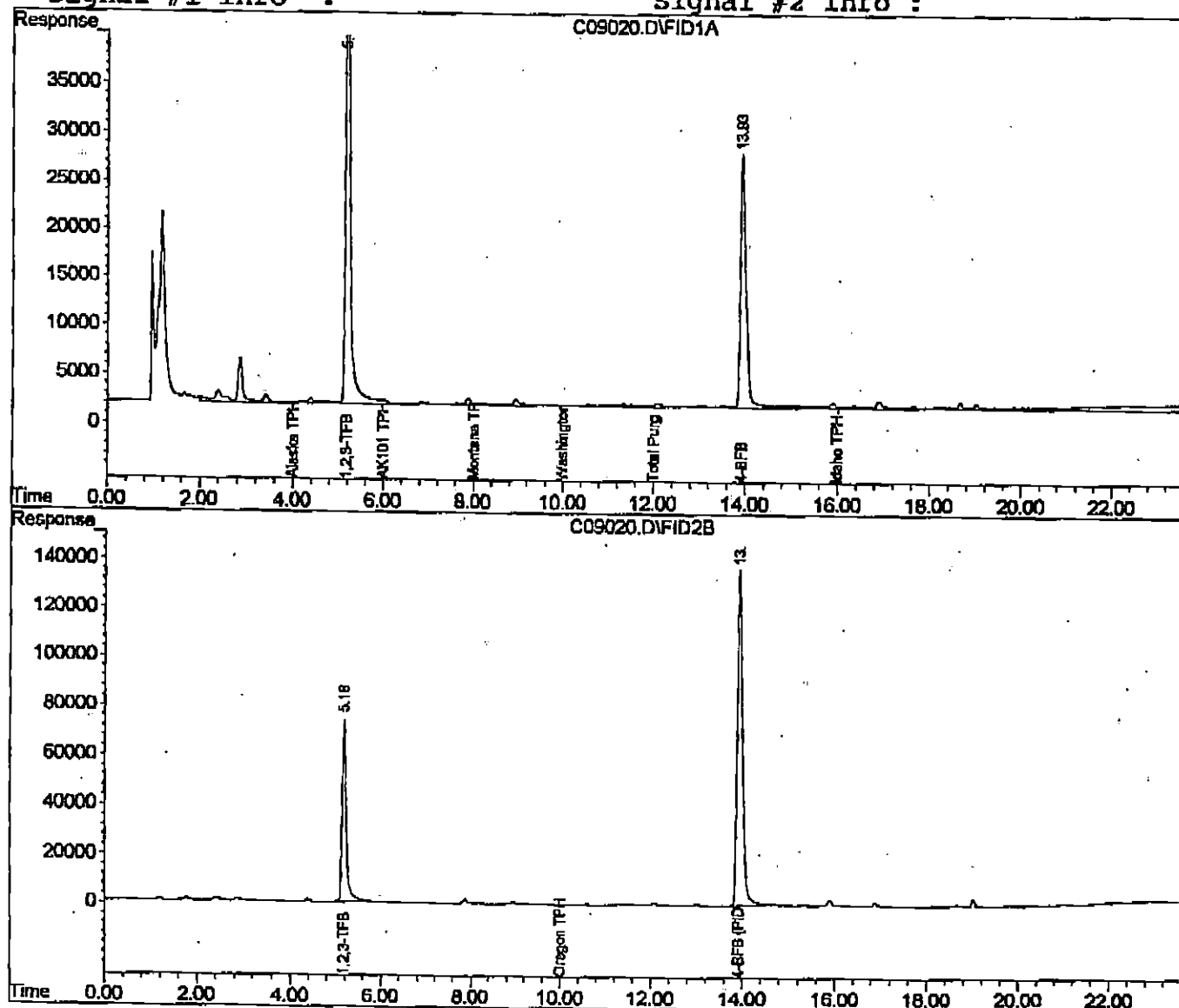
Data File : C:\HPCHEM\1\DATA\030998\C09020.D\FID1A.CH Vial: 20
Acq On : 9 Mar 1998 3:51 pm Operator: lac
Sample : b803040-01 r1 voa b Inst : GC #2
Misc : 5 mL Multiplr: 1.00
IntFile : SURR.E

Data File : C:\HPCHEM\1\DATA\030998\C09020.D\FID2B.CH Vial: 20
Acq On : 9 Mar 98 3:51 pm Operator: lac
Sample : b803040-01 r12 voa b Inst : GC #2
Misc : 5 mL Multiplr: 1.00
IntFile : SURR2.E

Quant Time: Mar 9 18:04 1998 Quant Results File: TPHG.RES

Quant Method : C:\HPCHEM\1\METHODS\TPHG.M (Chemstation Integrator)
Title : TPH-G Water Method
Last Update : Tue Mar 03 07:15:06 1998
Response via : Multiple Level Calibration
DataAcq Meth : TPHG.M

Volume Inj. :
Signal #1 Phase :
Signal #1 Info :
Signal #2 Phase :
Signal #2 Info :



TOSCO

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 98206-4779
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132

(425) 481-9200 FAX 485-2992
(509) 924-9200 FAX 924-9290
(503) 906-9200 FAX 906-2202



03/11/98 WED 17:28 FAX 425 861 8050

GEO ENGINEERS

007

UNOCAL CHAIN OF CUSTODY REPORT

B803040

UNOCAL INFORMATION

Facility Number: Former Unocal Site No. 4165

Site Address: 202 Avenue D
City, State, ZIP: Spokane, WA

Site Release Number: TOSCO
Unocal Manager: Tom Johnson

CERT INFO: (check one) ☒ Evaluation ☐ Remediation
☐ Detection ☐ Demolition ☐ Closure ☐ Miscellaneous

CONSULTANT INFORMATION

Firm: GeoEngineers Project# 0161-394-00

Address: 8410 154th Ave NE task 012
Redmond

Phone: (425) 861-6057 Fax: _____

Project Manager: Lisa Bona

Sample Collection by: Lisa Bona

Chain of Custody Record #:

Quality Assurance Data Level:
☐ A ☒ B
A: Standard Summary
B: Standard + Chromatograms

Laboratory Turnaround Days:
10 5 3 2 1
See Comments

SAMPLE IDENTIFICATION	SAMPLING DATE / TIME	MATRIX (W.S.O.)	# OF CON-TAINERS
1. <u>980301-01</u>	<u>3/1/98 1830</u>	<u>W</u>	<u>5</u>
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

OR WA AK NIV Series	
TPH-ACID	TPH-Gas
	BTEX
	EPA 8021 Mod.
	TPH-Gas + BTEX
	TPH-Diesel
	TPH-Diesel Extended
	TPH-Diesel-Ext. w/SG Cleanup
	Halogen Volatiles
	EPA 8021
	Pesticides/PCBs or PCBs Only
	GC/MS Volatiles
	EPA 8260
	GC/MS SemiVols.
	EPA 8270
	PAH's
	8270 SIM or 8310
	Lead
	Total or Dissolved
	TCLP or RCRA
	Metals (8)

NCA SAMPLE NUMBER

Relinquished by: Lisa J Firm: Geo Date & Time: _____

Received by: KBurke Firm: NCA Date & Time: 3/2/98 1240

Final Report Approval

Were all requested results provided? ☒ yes ☐ no Define

Were results within requested turnaround? ☒ yes ☐ no "No" on back

Final Approval Signature: _____

Firm: _____ Date: _____

**NORTH
CREEK
ANALYTICAL***Environmental Laboratory Services*

BOTHELL ■ (425) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Geo Engineers - Redmond
8410 154th Ave NE
Redmond, WA 98052

Project: TOSCO/Formal Unocal #4165
Project Number: 0161-394-00
Project Manager: Lisa Bona

Sampled: 3/1/98
Received: 3/2/98
Reported: 3/5/98 11:37

ANALYTICAL REPORT FOR SAMPLES:

Sample Description	Laboratory Sample Number	Sample Matrix	Date Sampled
980301-1	B803040-01	Water	3/1/98

GeoEngineers

03 1998

North Creek Analytical, Inc.

*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.*

Joy B Chang, Project Manager

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
0405 SW Nimitz Avenue, Beaverton, OR 97005-7132

Page 1 of 6



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

BOTHELL ■ (425) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Geo Engineers - Redmond
8410 154th Ave NE
Redmond, WA 98052

Project: TOSCO/Formal Unocal #4165
Project Number: 0161-394-00
Project Manager: Lisa Bona

Sampled: 3/1/98
Received: 3/2/98
Reported: 3/5/98 11:37

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8021B North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
280301-1				B803040-01			Water	
Gasoline Range Hydrocarbons	0380020	3/2/98	3/2/98		50.0	ND	ug/l	
Benzene	"	"	"		0.500	ND	"	
Toluene	"	"	"		8.00	ND	"	1
Ethylbenzene	"	"	"		0.500	ND	"	
Xylenes (total)	"	"	"		1.00	ND	"	
Surrogate: 4-BFB (FID)	"	"	"	50.0-150		111	%	
Surrogate: 4-BFB (PID)	"	"	"	50.0-150		104	"	

North Creek Analytical, Inc.

*Refer to end of report for text of notes and definitions.

Joy B Chang Project Manager

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
6405 E. W. Alameda Avenue, Redmond, OR 97008-7122

Page 2 of 6



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

BOTHELL ■ (425) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Geo Engineers - Redmond
8410 154th Ave NE
Redmond, WA 98052

Project: TOSCO/Formal Unocal #4165
Project Number: 0161-394-00
Project Manager: Lisa Bona

Sampled: 3/1/98
Received: 3/2/98
Reported: 3/5/98 11:37

Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended) with Silica Gel Clean-up
North Creek Analytical - Bothell

Analyte	Batch Number	Date Prepared	Date Analyzed	Surrogate Limits	Reporting Limit	Result	Units	Notes*
980301-1								
Diesel Range Hydrocarbons	0380035	3/3/98	3/4/98		0.250	ND	<u>Water</u> mg/l	
Heavy Oil Range Hydrocarbons	"	"	"		0.750	0.771	"	
Surrogate: 2-FBP	"	"	"	50.0-150		82.5	%	

North Creek Analytical, Inc.

*Refer to end of report for text of notes and definitions.

Joy B Chang, Project Manager

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
8400 N.W. Alaskan Avenue, Beaverton, OR 97008-7132

Page 3 of 6



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

BOTHELL ■ (425) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Geo Engineers - Redmond
8410 154th Ave NE
Redmond, WA 98052

Project: TOSCO/Formal Unocal #4165
Project Number: 0161-394-00
Project Manager: Lisa Bona

Sampled: 3/1/98
Received: 3/2/98
Reported: 3/5/98 11:37

Gasoline Hydrocarbons (Toluene to Dodecane) and BTEX by WTPH-G and EPA 8021B/Quality Control North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0380020										
Blank										
Date Prepared: 3/2/98			Extraction Method: EPA 5030B (P/T)							
0380020-BLK1										
Methyl tert-butyl ether	3/2/98			ND	ug/l	5.00				
Gasoline Range Hydrocarbons	"			ND	"	50.0				
Benzene	"			ND	"	0.500				
Toluene	"			ND	"	0.500				
Ethylbenzene	"			ND	"	0.500				
Xylenes (total)	"			ND	"	1.00				
Surrogate: 4-BFB (FID)	"	48.0		51.7	"	50.0-150	108			
Surrogate: 4-BFB (PID)	"	48.0		49.7	"	50.0-150	104			
LCS										
0380020-BS1										
Gasoline Range Hydrocarbons	3/2/98	500		538	ug/l	75.0-125	108			
Surrogate: 4-BFB (FID)	"	48.0		61.1	"	50.0-150	127			
Duplicate										
0380020-DUP1 B802451-02										
Gasoline Range Hydrocarbons	3/2/98		1190	1180	ug/l			25.0	0.844	
Surrogate: 4-BFB (FID)	"	48.0		53.9	"	50.0-150	112			
Duplicate										
0380020-DUP2 B802452-06										
Gasoline Range Hydrocarbons	3/3/98		10600	10300	ug/l			25.0	2.87	
Surrogate: 4-BFB (FID)	"	48.0		63.5	"	50.0-150	132			
Matrix Spike										
0380020-MS1 B802452-03										
Benzene	3/2/98	10.0	ND	10.3	ug/l	70.0-130	103			
Toluene	"	10.0	ND	10.4	"	70.0-130	104			
Ethylbenzene	"	10.0	ND	9.92	"	70.0-130	99.2			
Xylenes (total)	"	30.0	ND	30.4	"	70.0-130	101			
Surrogate: 4-BFB (PID)	"	48.0		52.4	"	50.0-150	109			
Matrix Spike Dup										
0380020-MSD1 B802452-03										
Benzene	3/2/98	10.0	ND	10.7	ug/l	70.0-130	107	15.0	3.81	
Toluene	"	10.0	ND	10.9	"	70.0-130	109	15.0	4.69	
Ethylbenzene	"	10.0	ND	10.2	"	70.0-130	102	15.0	2.78	
Xylenes (total)	"	30.0	ND	31.5	"	70.0-130	105	15.0	3.88	
Surrogate: 4-BFB (PID)	"	48.0		51.8	"	50.0-150	108			

North Creek Analytical, Inc.

*Refer to end of report for text of notes and definitions.

Joy B Chang, Project Manager

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
P.O. Box 1100, Bothell, WA 98011-0110

Page 4 of 6



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

BOTHELL ■ (425) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Geo Engineers - Redmond
8410 154th Ave NE
Redmond, WA 98052

Project: TOSCO/Formal Unocal #4165
Project Number: 0161-394-00
Project Manager: Lisa Bona

Sampled: 3/1/98
Received: 3/2/98
Reported: 3/5/98 11:37

Diesel Hydrocarbons (C12-C24) and Heavy Oil (C24-C40) by WTPH-D (extended) with Silica Gel Clean-up/Quality Control
North Creek Analytical - Bothell

Analyte	Date Analyzed	Spike Level	Sample Result	QC Result	Units	Reporting Limit Recov. Limits	Recov. %	RPD Limit	RPD %	Notes*
Batch: 0380035										
Blank										
Date Prepared: 3/3/98										
0380035-BLK1										
Extraction Method: EPA 3520C/600 Series										
Diesel Range Hydrocarbons	3/4/98			ND	mg/l	0.250				
Heavy Oil Range Hydrocarbons	"			ND	"	0.750				
Surrogate: 2-FBP	"	0.320		0.286	"	50.0-150	89.4			
LCS										
0380035-BS1										
Diesel Range Hydrocarbons	3/4/98	2.00		1.68	mg/l	60.0-120	84.0			
Surrogate: 2-FBP	"	0.320		0.291	"	50.0-150	90.9			
Duplicate										
0380035-DUP1 B802501-02										
Diesel Range Hydrocarbons	3/4/98		ND	ND	mg/l			44.0		
Surrogate: 2-FBP	"	0.610		0.523	"	50.0-150	85.7			

North Creek Analytical, Inc.

*Refer to end of report for text of notes and definitions.

Joy B Chang, Project Manager

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
6405 E W. Nimbus Avenue, Bismarck, ND 58108-7132



NORTH CREEK ANALYTICAL

Environmental Laboratory Services

BOTHELL ■ (425) 481-9200 ■ FAX 485-2992
SPOKANE ■ (509) 924-9200 ■ FAX 924-9290
PORTLAND ■ (503) 643-9200 ■ FAX 644-2202

Geo Engineers - Redmond
8410 154th Ave NE
Redmond, WA 98052

Project: TOSCO/Formal Unocal #4165
Project Number: 0161-394-00
Project Manager: Lisa Bona

Sampled: 3/1/98
Received: 3/2/98
Reported: 3/5/98 11:37

Notes and Definitions

#	Note
---	------

- | | |
|--------|--|
| 1 | The reporting limit for this analyte has been raised to account for interference from coeluting organic compounds present in the sample. |
| 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 |
| Recov. | Recovery |
| RPD | Relative Percent Difference |

North Creek Analytical, Inc.

Joy B Chang, Project Manager

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 99206-4776
8405 SW Nimbus Avenue, Beaverton, OR 97008-7132

TOSCO

18939 120th Avenue N.E., Suite 101, Bothell, WA 98011-9508
East 11115 Montgomery, Suite B, Spokane, WA 98206-4779
9405 S.W. Nimbus Avenue, Beaverton, OR 97008-7132

(425) 481-9200 FAX 485-2992
(509) 924-9200 FAX 924-9200
(503) 906-9200 FAX 906-2202



UNOCAL CHAIN OF CUSTODY REPORT

B803040

UNOCAL INFORMATION

Facility Number: Former Unocal Site No. 4165

Site Address: 202 Avenue D

City, State, ZIP: Spokane, WA

Site Release Number: TOSCO

Unocal Manager: Tom Johnson

CERT INFO: (check one) ☒ Evaluation ☐ Remediation
☐ Detection ☐ Demolition ☐ Closure ☐ Miscellaneous

CONSULTANT INFORMATION

Firm: GeoEngineers Project# 0161-394-00

Address: 8410 154th Ave NE Redmond WA 98072

Phone: (425) 861-6057 Fax: _____

Project Manager: Lisa Bona

Sample Collection by: Lisa Bona

Chain of Custody Record #:

Quality Assurance Data Level:
☐ A ☒ B
A: Standard Summary
B: Standard + Chromatograms

Laboratory Turnaround Days:
10 5 3 2 1
See Comments

SAMPLE IDENTIFICATION	SAMPLING DATE/TIME	MATRIX (W,S,O)	# OF CON-TAINERS
1. <u>980301-01</u>	<u>3/1/98 1830</u>	<u>W</u>	<u>5</u>
2.			
3.			
4.			
5.			
6.			
7.			
8.			
9.			
10.			

OR	WA	AK	NW Series
TPH-HCID	TPH-Gas	BTEX	TPH-Gas + BTEX
		EPA 8021 Mod	
		TPH-Diesel	
		TPH-Diesel-Ext	
		W/S Cleanup	
		Halogen Volatiles	
		EPA 8021	
		Pesticides/PCBs	
		or PCBs Only	
		GC/MS Volatiles	
		EPA 8260	
		GC/MS Semi Vols.	
		EPA 8270	
		PAH's	
		8270 SIM or 8310	
		Lead	
		Total or Dissolved	
		TCLP or RCRA	
		Metals (6)	

NCA SAMPLE NUMBER

Relinquished by: Lisa J Firm: Geo Date & Time: _____

Received by: K. Bona Firm: NCA Date & Time: 3/2/98 1240

Final Report Approval

Were all requested results provided? ☐ yes ☐ no Define

Were results within requested turnaround? ☐ yes ☐ no "No"

Final Approval Signature: _____ on back

Firm: _____ Date: _____

Page _____ of _____

Rev. UNO23.3, 10/97

Comments: (1) analyze the VDA marked from miles for BERT-6 on a 2 day TA
(2) analyze the 1 liter for Dexting Hold the other

Distribution: White - Laboratory Yellow - Consultant Photocopy - Unocal

03/11/98 WED 17:28 FAX 425 861 6050 GEO ENGINEERS 014

CERTIFICATE OF INSURANCE REQUEST FORM

DOES THIS CERTIFICATE NEED TO BE FAXED TO THE CERTIFICATE HOLDER IMMEDIATELY? YES ☒ NO - (CERTIFICATE WILL BE MAILED OUT OF OUR OFFICE WITHIN 24 BUSINESS HOURS)

NAME OF INSURED: GeoEngineers

CERTIFICATE TO BE ISSUED TO: G. A. L. Construction
Attn Dave Pierce (Bobbie Khanna)
27627 80th Ave NW
Stamwood WA 98292

CERTIFICATE IS TO BE ISSUED FOR THE FOLLOWING PROJECT:

Geotechnical Consulting Services
for
G A L Construction

SEND ORIGINAL CERTIFICATE TO: ☒ CERTIFICATE HOLDER

☐ NAMED INSURED

DOES THE CERTIFICATE HOLDER REQUIRE THAT THEY OR ANY OTHER ORGANIZATION BE NAMED AS ADDITIONAL INSUREDS? IF SO, PLEASE LIST:

No

INDICATE SPECIAL WORDING, SPECIAL CONTRACT PROVISIONS, OR OTHER SPECIAL INSTRUCTIONS IF ANY:

FEEL FREE TO ATTACH A COPY OF YOUR CONTRACT WHICH APPLIES TO THE INSURANCE REQUIREMENTS OF THE CERTIFICATE HOLDER.

REQUESTED BY: Wanda Dubson DATE: 3-11-98

PLEASE FAX THIS FORM TO US AT (314) ~~621-3173~~ OR MAIL TO OUR OFFICE:

ACEC BUSINESS INSURANCE CENTER 314-2600

10 SOUTH BROADWAY

ST. LOUIS, MO 63102

or
888-621-3173