



*Southern California
Northern California
Pacific Northwest
Southwest
Texas
Montana*

September 9, 2008
ERI 31116.13.LQ083

LUST Coordinator
Washington State Department of Ecology
Northwest Regional Office
3190 160th Avenue Southeast
Bellevue, Washington 98008-5452

SUBJECT Groundwater Monitoring Report
Former Exxon Station 76375
8325 Mukilteo Speedway
Mukilteo, Washington

Dear LUST Coordinator:

At the request of ExxonMobil Environmental Services Company, on behalf of ExxonMobil Oil Corporation (ExxonMobil), Environmental Resolutions, Inc. (ERI) has prepared the attached Groundwater Monitoring Report presenting results of groundwater sampling conducted on August 04, 2008 at the subject site.

Please contact our office at (206) 575-6220, or Mr. Gene Ortega, ExxonMobil Project Manager for this site, at (510) 368-5570 with any questions.

Sincerely,

Ryan M. Pozzuto
Assistant Project Manager

Attachment: ERI's ExxonMobil Environmental Services Company Groundwater Monitoring Report,
Third Quarter 2008, dated September 9, 2008

cc: w/ attachment
Mr. David R. White, Atlantic Richfield Company
Mr. Gene Ortega, ExxonMobil Environmental Services Company
Mr. Mike Noll, Noll Environmental, Inc. for ConocoPhillips Company

Environmental Resolutions, Inc.

815 Industry Dr., Tukwila, WA 98188-3411 | Tel: 206.575.6220 | Fax: 206.575.6423 | Contractor # ENVIRRI044JD

**EXXONMOBIL ENVIRONMENTAL SERVICES COMPANY
GROUNDWATER MONITORING REPORT**

Site No.: 76375 Address: 8325 Mukilteo Speedway, Mukilteo, Washington September 9, 2008
ExxonMobil Project Manager: Gene Ortega
Consultant/Contact Person: Environmental Resolutions, Inc./Ryan M. Pozzuto
Primary Agency/Regulatory ID No.: Washington State Department of Ecology

WORK PERFORMED THIS QUARTER(S) [Third - 2008]:

- Monitored 4, purged and sampled 1 groundwater monitoring well

WORK PROPOSED FOR NEXT QUARTER(S) [First - 2009]:

- Monitor, purge, and sample 4 groundwater monitoring wells

SUMMARY:

Frequency of Sampling Events:	<u>Semiannually</u>	(Quarterly, etc.)
Approximate Depth to Groundwater:	<u>3 ft</u>	(Measured Feet)
Groundwater Gradient:	<u>Not Determined</u>	(Direction)
	<u>Not Determined</u>	(Magnitude)
Maximum TPH-G/Benzene Concentrations:	<u>11,000/1,770</u>	µg/L
Measurable Free Product Detected:	<u>No</u>	(Yes - ID well(s)/No)
Free Product Recovered This Quarter:	<u>None</u>	(gallons)
Cumulative Free Product Recovered to Date:	<u>Unknown</u>	(gallons)
Bulk Soil Removed This Quarter:	<u>None</u>	(cubic yards)
Water Wells or Surface Waters w/in 2,000 ft:	<u>None</u>	(Distance &
Radius and Respective Direction:	<u>None</u>	Direction)
Current Remedial Action:	<u>None</u>	(SVE/AS/P&T, etc.)
Permits for Discharge:	<u>None</u>	(NPDES, POTW, etc.)

DISCUSSION:

- Groundwater collected from well SV2 contained dissolved petroleum hydrocarbon concentrations exceeding the MTCA Method A Cleanup Levels.
- Wells MW1, MW2, and SV1 were dry and therefore not sampled.

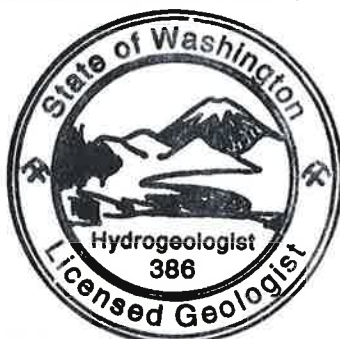
ATTACHMENTS:

- Plate 1: Site Location Map
- Plate 2: Groundwater Sample Analysis Map – 08/04/08
- Table 1: Groundwater Analytical Results
- Laboratory Analytical Reports and Chain of Custody Documentation
- Field Data Records

Prepared By:

Rory G Henneck

Rory G. Henneck
Staff Scientist



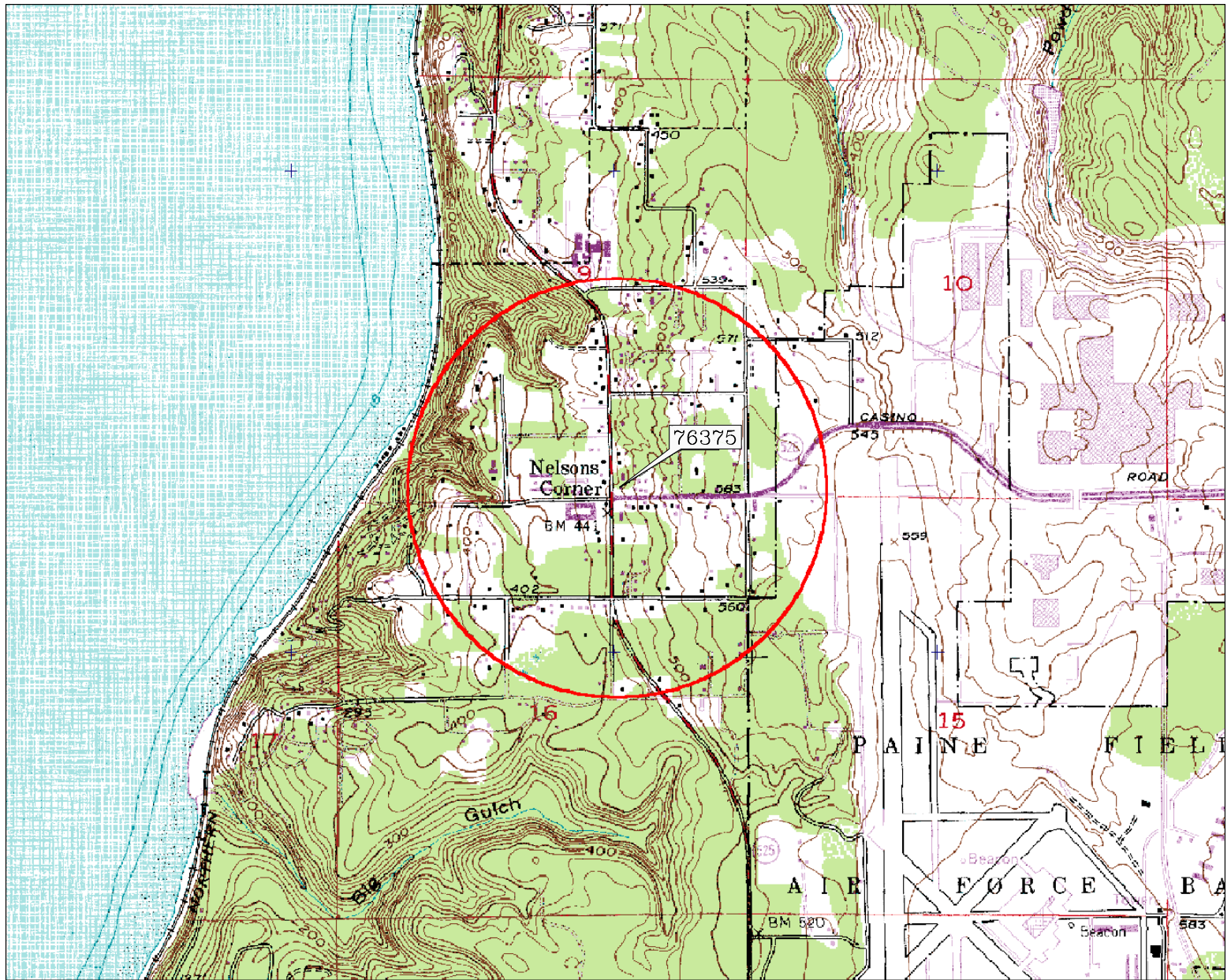
Keith A. Romstad

Reviewed By:

Keith A. Romstad

Keith A. Romstad, L.G., L.H.G. 386
Principal Geologist

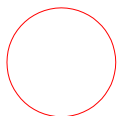
Environmental Resolutions, Inc.



3-D TopoQuads Copyright © 1999 DeLorme Yarmouth, ME 04096 Source Data: USGS 550 ft Scale: 1:19,200 Detail: 13-0 Datum: NAD27

FN 31116.13.Q083

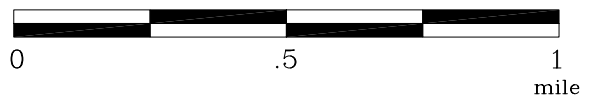
EXPLANATION



1/2-mile radius circle



APPROXIMATE SCALE



SOURCE:
Modified from a map
provided by
DeLorme 3-D TopoQuads



SITE LOCATION MAP

FORMER EXXON STATION 76375
8325 Mukilteo Speedway
Mukilteo, Washington

PROJECT NO.

31116

PLATE

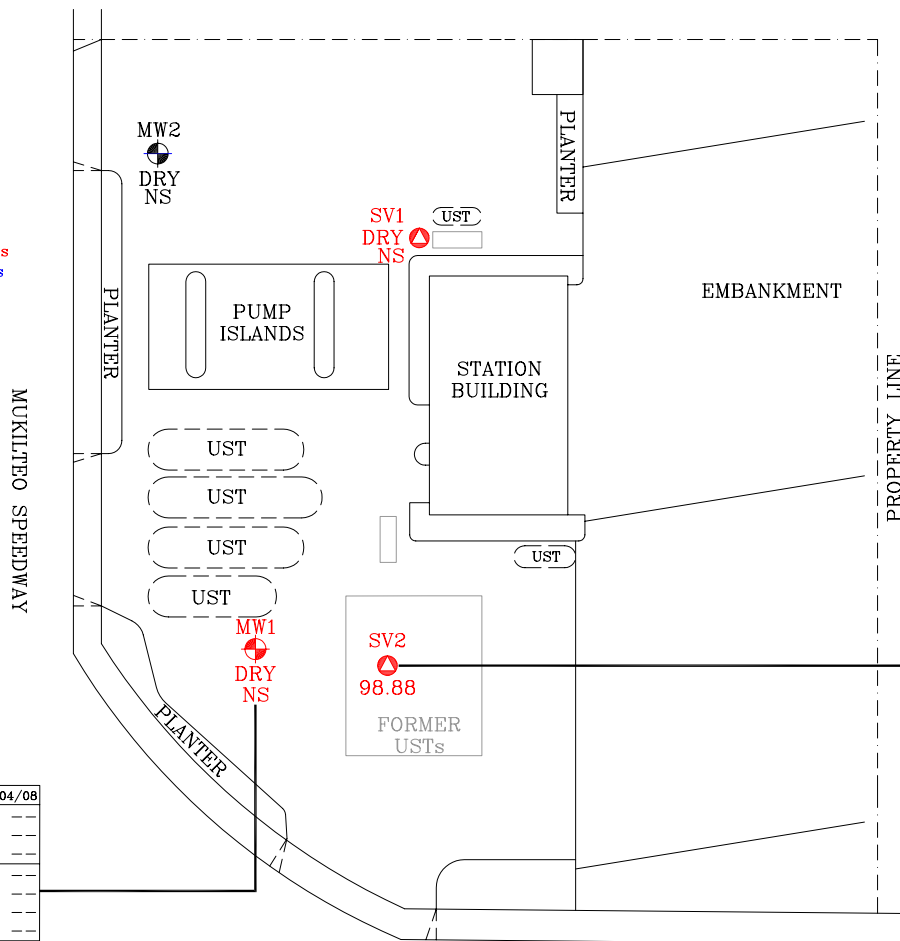
1

RGH: 08/14/08

Laboratory Results in ug/L

08/04/08	Sample Date
11,000	Total Petroleum Hydrocarbons as Gasoline
2,080	Total Petroleum Hydrocarbons as Diesel
<400	Total Petroleum Hydrocarbons as Oil
1,770	Benzene
31.4	Toluene
348	Ethylbenzene
41.3	Total Xylenes
28.8	Total Lead
<5.00	Dissolved Lead

- Numbers or Symbols in Red exceed MTCA Method A Cleanup Levels
- Numbers or Symbols in Blue below MTCA Method A Cleanup Levels
- No Data Available for Numbers or Symbols in Black

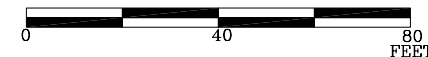


02/13/07	07/31/07	03/10/08	08/04/08
164	315	---	---
<250	<154	---	---
<250	<154	---	---
1.25	7.03	---	---
<1.00	<1.00	---	---
<1.00	<1.00	---	---
<3.00	<3.00	---	---
11.0	---	---	---
<5.00	---	---	---

02/13/07	07/31/07	03/10/08	08/04/08
11,500	8,070	11,500	11,000
2,740	2,110	3,500	2,080
<200	229	<192	<400
1,260	1,290	1,870	1,770
22.6	19.9	38.3	31.4
442	152	430	348
47.0	19.3	50.9	41.3
<5.00	5.60	<5.00	28.8
<5.00	<5.00	<5.00	<5.00

84TH STREET SOUTHWEST

APPROXIMATE SCALE



SOURCE: Modified from maps provided by ExxonMobil Oil Corporation

FN 31116.13.Q083



GROUNDWATER SAMPLE ANALYSIS MAP - 08/04/08

FORMER EXXON STATION 76375
8325 Mukilteo Speedway
Mukilteo, Washington

EXPLANATION

- MW1 Groundwater Monitoring Well
- NS Not Sampled
- SV2 Air Sparging/Soil Vapor Extraction Well
- 98.88 Groundwater Elevation

PROJECT NO.

31116

PLATE

2

RGH: 08/14/08

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Former Exxon Station 76375
8325 Mukilteo Speedway
Mukilteo, Washington
Page 1 of 3

Well Name	Sample Date	DTW	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb	Diss Pb	1,1,1-TCA	Ethanol
MW1 100.00	08/14/92	10.45	89.55	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	--	--
	12/08/92	11.28	88.72	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	1.3	--
	04/22/93	10.20	89.80	<50	<50	--	<0.5	<0.5	<0.5	<0.5	--	--	1.7	--
	06/01/93	10.14	89.86	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	--	1.5	--
	09/07/93	10.21	89.79	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	<3.0	--	--
	12/01/93	10.83	89.17	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	<3.0	--	--
	02/22/94	9.26	90.74	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	<3.0	--	--
	06/01/94	10.05	89.95	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	<3.0	--	--
	08/18/94	10.20	89.80	<50	--	--	<0.5	<0.5	<0.5	<0.5	--	<3.0	--	--
	11/15/94	11.14	88.86	<50	--	--	<0.5	<0.5	<0.5	<0.5	27	--	--	--
	02/23/95	9.88	90.12	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--
	05/09/95	9.98	90.02	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	<2.0	--	--
	08/17/95	10.26	89.74	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	<2.0	--	--
	11/06/95	10.77	89.23	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	11	--	--	--
	01/12/96	8.93	91.07	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--
	04/03/96	9.94	90.06	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	<2.0	--	--
	07/23/96	10.14	89.86	<50	--	--	<0.5	<0.5	<0.5	<1.0	77.7	--	--	--
	10/28/96	10.76	89.24	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--
	01/16/97	9.58	90.42	<50	<250	<500	<0.5	<0.5	<0.5	<1.0	<2.0	--	--	--
	04/09/97	9.63	90.37	<50	<250	<500	<0.5	<0.5	<0.5	<1.0	<2.0	--	--	--
	07/28/97	10.03	89.97	<50	<250	<750	<0.5	0.629	<0.5	<1.0	<2.0	--	--	--
	03/24/99	8.42	91.58	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--
	12/20/00	10.60	89.40	<250	<250	<750	39	<1	11	7.2	--	--	--	--
	07/13/01	10.03	89.97	<50.0	3,260	<750	0.637	0.860	0.502	<1.00	--	--	--	--
	07/09/02	9.99	90.01	<100	<100	<100	<1.0	<1.0	<1.0	<1.0	--	--	--	--
	07/08/03	10.02	89.98	<100	<111	<111	<1.00	<1.0	<1.0	2.3	--	--	--	--
	10/21/04	10.58	89.42	<100	334	<100	<1.00	<1.0	<1.0	<1.0	--	--	--	<100
	02/08/05	9.65	90.35	<100	<100	342	2.10	<1.0	1.5	1.9	--	--	--	<100
	02/17/06	9.24	90.76	<100	<103	<103	<1.00	<1.00	<1.00	<3.00	--	--	--	--
	08/07/06	10.09	89.91	<100	<98.0	<98.0	1.51	<1.00	<1.00	<3.00	--	--	--	--
	02/13/07	9.44	90.56	164	<250	<250	1.25	<1.00	<1.00	<3.00	11.0	<5.00	--	--
	07/31/07	10.19	89.81	315	<154	<154	7.03	<1.00	<1.00	<3.00	--	--	--	--
	03/10/08	Obstructed	--	--	--	--	--	--	--	--	--	--	--	--
	08/04/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				1,000 ^a			5	40	30	20	5	5	NA	NA

Continued on page 2

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Former Exxon Station 76375
8325 Mukilteo Speedway
Mukilteo, Washington
Page 2 of 3

Well Name	Sample Date	DTW	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb	Diss Pb	1,1,1-TCA	Ethanol
MW2	07/01/04	DRY	--	--	--	--	--	--	--	--	--	--	--	--
NE	10/21/04	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	02/08/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	02/17/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	08/07/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	02/13/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	07/31/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	03/10/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	08/04/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
SV1	11/06/95	13.97	87.07	<50	400	<750	<0.5	<0.5	<0.5	<1.0	21	--	--	--
101.04	01/12/96	12.15	88.89	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	<2.0	--	--
	04/03/96	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	07/23/96	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	10/28/96	11.90	89.14	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--
	01/16/97	11.88	89.16	<50	<250	<500	<0.5	<0.5	<0.5	<1.0	<2.0	--	--	--
	04/09/97	12.27	88.77	<50	--	--	<0.5	<0.5	<0.5	<1.0	<2.0	--	--	--
	07/28/97	12.91	88.13	<50	<250	<750	<0.5	<0.5	<0.5	<1.0	<2.0	--	--	--
	03/24/99	12.29	88.75	<50	--	--	<0.5	<0.5	<0.5	<1.0	--	--	--	--
	12/20/00*	11.30	89.74	<250	<280	<830	31	<1	12	8.2	--	--	--	--
	07/13/01	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	07/09/02	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	07/08/03	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	10/21/04	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	02/08/05	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	02/17/06	13.70	87.34	488	120	<105	127	3.82	49.1	10.2	--	--	--	--
	08/07/06	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	02/13/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	07/31/07	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	03/10/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
	08/04/08	DRY	--	--	--	--	--	--	--	--	--	--	--	--
MTCA Method A Cleanup Levels				1,000 ^a			5	40	30	20	5	5	NA	NA

Continued on page 3

TABLE 1
GROUNDWATER ANALYTICAL RESULTS
Former Exxon Station 76375
8325 Mukilteo Speedway
Mukilteo, Washington
Page 3 of 3

Well Name	Sample Date	DTW	GW Elev.	TPH-G	TPH-D	TPH-O	B	T	E	X	Total Pb	Diss Pb	1,1,1-TCA	Ethanol
SV2	11/06/95	4.29	97.16	31,000	1,600	920	3,200	160	2,000	4,700	7.2	--	--	--
101.45	01/12/96	2.44	99.01	23,000	--	--	2,800	63	1,600	1,700	--	12	--	--
	04/03/96	2.80	98.65	21,000	--	--	1,400	59	1,100	1,300	--	5	--	--
	07/23/96	2.68	98.77	13,400	--	--	1,400	43.1	977	737	9.14	--	--	--
	10/28/96	3.47	97.98	14,000	--	--	2,290	52.9	1,190	1,240	--	--	--	--
	01/16/97	2.54	98.91	15,100	1,390	<500	2,060	41.0	1,130	684	3.7	--	--	--
	04/09/97	2.70	98.75	10,300	1,230	<500	1,620	30.3	735	593	5.11	--	--	--
	07/28/97	2.73	98.72	15,300	1,180	<750	1,960	44.8	1,080	743	3.01	--	--	--
	03/24/99	1.80	99.65	8,910	--	--	1,850	25.8	948	585	--	--	--	--
	12/20/00	4.40	97.05	13,000	360	<940	2,100	33	1,100	828	--	--	--	--
	07/13/01	2.20	99.25	8,700	1,540	<862	1,600	31.8	989	273	--	--	--	--
	07/09/02	2.51	98.94	8,440	2,460	<500	1,980	<50.0	1,010	120	--	--	--	--
	07/08/03	2.65	98.80	11,100	2,120	316	1,140	20.4	679	55.4	--	--	--	--
	10/21/04	4.22	97.23	4,760	1,920	261	1,080	26.0	364	62.0	--	--	--	<100
	02/08/05	1.30	100.15	4,710	2,360	<100	788	19.0	351	53.0	--	--	--	<100
	02/17/06	1.39	100.06	6,260	2,230	<103	1,060	42.3	541	90.4	--	--	--	--
	08/07/06	2.44	99.01	5,920	3,370	<194	1,250	20.7	570	44.1	--	--	--	--
	02/13/07	2.42	99.03	11,500	2,740	<200	1,260	22.6	442	47.0	<5.00	<5.00	--	--
	07/31/07	2.87	98.58	8,070	2,110	229	1,290	19.9	152	19.3	5.60	<5.00	--	<100
	03/10/08	2.65	98.80	11,500	3,500	<192	1,870	38.3	430	50.9	<5.00	<5.00	--	<100
	08/04/08	2.57	98.88	11,000	2,080	<400	1,770	31.4	348	41.3	28.8	<5.00	--	<100
MTCA Method A Cleanup Levels				1,000 ^a			5	40	30	20	5	5	NA	NA
EXPLANATION:														
All concentrations are in µg/L								NE= Not Established; -- = Not Analyzed or Sampled; NA = Not Applicable						
Wellhead elevations were taken from prior consultant reports.								< = Less than the stated laboratory reporting limit						
DTW = Depth to water in feet below top of casing								Shaded values equal or exceed MTCA Method A Cleanup Levels.						
GW Elev. = Groundwater elevation relative to top of casing elevations								^a Total Petroleum Hydrocarbons						
TPH-G = Total Petroleum Hydrocarbons as Gasoline using Ecology Method NWTPH-Gx								* Sample identified as SB5 on official laboratory report						
TPH-D and TPH-O = Total Petroleum Hydrocarbons as Diesel and Oil, respectively, using Ecology Method NWTPH-Dx								Data prior to 12/20/00 were taken from previous consultant reports.						
B = Benzene; T = Toluene; E = Ethylbenzene; X = Total Xylenes														
BTEX = Aromatic compounds using EPA Method 8020 and 8021B, refer to laboratory reports														
Total Pb = Total lead; Diss Pb = Dissolved lead														
Total and Dissolved lead analyses using EPA Method 6020														
1,1,1-TCA = 1,1,1-Trichloroethane using EPA Method 601														
Ethanol using EPA Method 8260B														

NE= Not Established; -- = Not Analyzed or Sampled; NA = Not Applicable

< = Less than the stated laboratory reporting limit

Shaded values equal or exceed MTCA Method A Cleanup Levels.

^a Total Petroleum Hydrocarbons

* Sample identified as SB5 on official laboratory report

Data prior to 12/20/00 were taken from previous consultant reports.

August 11, 2008 3:07:27PM

Client: ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn: Ryan M. Pozzuto

Work Order: NRH0341
Project Name: Exxon 7-6375
Project Nbr: 31116
P/O Nbr: 4509222849
Date Received: 08/05/08

SAMPLE IDENTIFICATION	LAB NUMBER	COLLECTION DATE AND TIME
SV2	NRH0341-01	08/04/08 10:00

An executed copy of the chain of custody, the project quality control data, and the sample receipt form are also included as an addendum to this report. If you have any questions relating to this analytical report, please contact your Laboratory Project Manager at 1-800-765-0980. Any opinions, if expressed, are outside the scope of the Laboratory's accreditation.

This material is intended only for the use of the individual(s) or entity to whom it is addressed, and may contain information that is privileged and confidential. If you are not the intended recipient, or the employee or agent responsible for delivering this material to the intended recipient, you are hereby notified that any dissemination, distribution, or copying of this material is strictly prohibited. If you have received this material in error, please notify us immediately at 615-726-0177.

Washington Certification Number: C1712

The Chain(s) of Custody, 2 pages, are included and are an integral part of this report.

These results relate only to the items tested. This report shall not be reproduced except in full and with permission of the laboratory.

All solids results are reported in wet weight unless specifically stated.

Estimated uncertainty is available upon request.

This report has been electronically signed.

Report Approved By:



Leah R. Klingensmith

Senior Project Management

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Ryan M. Pozzuto

Work Order: NRH0341
Project Name: Exxon 7-6375
Project Number: 31116
Received: 08/05/08 08:00

ANALYTICAL REPORT

Analyte	Result	Flag	Units	MRL	Dilution Factor	Analysis Date/Time	Method	Batch
Sample ID: NRH0341-01 (SV2 - Ground Water) Sampled: 08/04/08 10:00								
Total Metals by EPA Method 6010B								
Lead	28.8		ug/L	5.00	1	08/06/08 14:32	SW846 6010B	8080770
Dissolved Metals by EPA Method 6010B								
Lead	ND		ug/L	5.00	1	08/08/08 19:16	SW846 6010B	8080939
Volatile Organic Compounds by EPA Method 8021B								
Benzene	1770		ug/L	25.0	25	08/11/08 10:13	SW846 8021B	8081629
Ethylbenzene	348		ug/L	1.00	1	08/09/08 09:35	SW846 8021B	8081357
Toluene	31.4		ug/L	1.00	1	08/09/08 09:35	SW846 8021B	8081357
Xylenes, total	41.3		ug/L	3.00	1	08/09/08 09:35	SW846 8021B	8081357
Surr: a,a,a-Trifluorotoluene (46-150%)	88 %					08/09/08 09:35	SW846 8021B	8081357
Surr: a,a,a-Trifluorotoluene (46-150%)	61 %					08/11/08 10:13	SW846 8021B	8081629
Selected Volatile Organic Compounds by EPA Method 8260B								
Ethanol	ND		ug/L	100	1	08/07/08 07:04	SW846 8260B	8080818
Surr: 1,2-Dichloroethane-d4 (60-140%)	76 %					08/07/08 07:04	SW846 8260B	8080818
Surr: Dibromofluoromethane (75-124%)	92 %					08/07/08 07:04	SW846 8260B	8080818
Surr: Toluene-d8 (78-121%)	100 %					08/07/08 07:04	SW846 8260B	8080818
Surr: 4-Bromofluorobenzene (79-124%)	99 %					08/07/08 07:04	SW846 8260B	8080818
Purgeable Petroleum Hydrocarbons								
GRO (C4-C12) NW	11000		ug/L	2500	25	08/11/08 10:13	NWTPH-Gx	8081629
Surr: a,a,a-Trifluorotoluene (50-150%)	61 %					08/11/08 10:13	NWTPH-Gx	8081629
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
Diesel	2080	A-01	ug/L	400	4	08/08/08 09:59	NWTPH-Dx	8081050
Motor Oil	ND	RL1	ug/L	400	4	08/08/08 09:59	NWTPH-Dx	8081050
Surr: o-Terphenyl (50-150%)	91 %					08/08/08 09:59	NWTPH-Dx	8081050

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Ryan M. Pozzuto

Work Order: NRH0341
Project Name: Exxon 7-6375
Project Number: 31116
Received: 08/05/08 08:00

SAMPLE EXTRACTION DATA

Parameter	Batch	Lab Number	Wt/Vol Extracted	Extracted Vol	Date	Analyst	Extraction Method
Dissolved Metals by EPA Method 6010B							
SW846 6010B	8080939	NRH0341-01	50.00	50.00	08/07/08 11:01	LTB	EPA 3010A / 6010 D
Extractable Petroleum Hydrocarbons with Silica Gel Treatment							
NWTPH-Dx	8081050	NRH0341-01	1000.00	1.00	08/07/08 11:05	AJK	EPA 3510C
NWTPH-Dx	8081050	NRH0341-01RE1	1000.00	1.00	08/07/08 11:05	AJK	EPA 3510C
NWTPH-Dx	8081050	NRH0341-01RE2	1000.00	1.00	08/07/08 11:05	AJK	EPA 3510C
Total Metals by EPA Method 6010B							
SW846 6010B	8080770	NRH0341-01	50.00	50.00	08/06/08 09:51	LTB	EPA 3010A / 6010

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Ryan M. Pozzuto

Work Order: NRH0341
Project Name: Exxon 7-6375
Project Number: 31116
Received: 08/05/08 08:00

PROJECT QUALITY CONTROL DATA

Blank

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
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Total Metals by EPA Method 6010B

8080770-BLK1

Lead	<2.50		ug/L	8080770	8080770-BLK1	08/06/08 13:40
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Dissolved Metals by EPA Method 6010B

8080939-BLK1

Lead	<2.50		ug/L	8080939	8080939-BLK1	08/08/08 17:49
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Volatile Organic Compounds by EPA Method 8021B

8081357-BLK1

Benzene	<0.500		ug/L	8081357	8081357-BLK1	08/09/08 08:47
Ethylbenzene	<0.520		ug/L	8081357	8081357-BLK1	08/09/08 08:47
Toluene	<0.500		ug/L	8081357	8081357-BLK1	08/09/08 08:47
Xylenes, total	<1.68		ug/L	8081357	8081357-BLK1	08/09/08 08:47
Surrogate: <i>a,a,a-Trifluorotoluene</i>	62%			8081357	8081357-BLK1	08/09/08 08:47

8081357-BLK2

Benzene	<0.500		ug/L	8081357	8081357-BLK2	08/09/08 13:35
Ethylbenzene	<0.520		ug/L	8081357	8081357-BLK2	08/09/08 13:35
Toluene	<0.500		ug/L	8081357	8081357-BLK2	08/09/08 13:35
Xylenes, total	<1.68		ug/L	8081357	8081357-BLK2	08/09/08 13:35
Surrogate: <i>a,a,a-Trifluorotoluene</i>	63%			8081357	8081357-BLK2	08/09/08 13:35

8081629-BLK1

Benzene	<0.500		ug/L	8081629	8081629-BLK1	08/11/08 09:09
Ethylbenzene	<0.520		ug/L	8081629	8081629-BLK1	08/11/08 09:09
Toluene	<0.500		ug/L	8081629	8081629-BLK1	08/11/08 09:09
Xylenes, total	<1.68		ug/L	8081629	8081629-BLK1	08/11/08 09:09
Surrogate: <i>a,a,a-Trifluorotoluene</i>	59%			8081629	8081629-BLK1	08/11/08 09:09

Selected Volatile Organic Compounds by EPA Method 8260B

8080818-BLK1

Ethanol	<74.4		ug/L	8080818	8080818-BLK1	08/07/08 01:15
Surrogate: <i>1,2-Dichloroethane-d4</i>	93%			8080818	8080818-BLK1	08/07/08 01:15
Surrogate: <i>Dibromofluoromethane</i>	99%			8080818	8080818-BLK1	08/07/08 01:15
Surrogate: <i>Toluene-d8</i>	100%			8080818	8080818-BLK1	08/07/08 01:15
Surrogate: <i>4-Bromofluorobenzene</i>	109%			8080818	8080818-BLK1	08/07/08 01:15

Purgeable Petroleum Hydrocarbons

8081357-BLK1

GRO (C4-C12) NW	<43.0		ug/L	8081357	8081357-BLK1	08/09/08 08:47
Surrogate: <i>a,a,a-Trifluorotoluene</i>	62%			8081357	8081357-BLK1	08/09/08 08:47

8081357-BLK2

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Ryan M. Pozzuto

Work Order: NRH0341
Project Name: Exxon 7-6375
Project Number: 31116
Received: 08/05/08 08:00

PROJECT QUALITY CONTROL DATA

Blank - Cont.

Analyte	Blank Value	Q	Units	Q.C. Batch	Lab Number	Analyzed Date/Time
Purgeable Petroleum Hydrocarbons						
8081357-BLK2						
GRO (C4-C12) NW	<43.0		ug/L	8081357	8081357-BLK2	08/09/08 13:35
<i>Surrogate: a,a,a-Trifluorotoluene</i>	63%			8081357	8081357-BLK2	08/09/08 13:35
8081629-BLK1						
GRO (C4-C12) NW	<43.0		ug/L	8081629	8081629-BLK1	08/11/08 09:09
<i>Surrogate: a,a,a-Trifluorotoluene</i>	59%			8081629	8081629-BLK1	08/11/08 09:09
Extractable Petroleum Hydrocarbons with Silica Gel Treatment						
8081050-BLK1						
Diesel	<20.0		ug/L	8081050	8081050-BLK1	08/07/08 16:11
Motor Oil	30.9		ug/L	8081050	8081050-BLK1	08/07/08 16:11
<i>Surrogate: o-Terphenyl</i>	99%			8081050	8081050-BLK1	08/07/08 16:11

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Ryan M. Pozzuto

Work Order: NRH0341
Project Name: Exxon 7-6375
Project Number: 31116
Received: 08/05/08 08:00

PROJECT QUALITY CONTROL DATA

LCS

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Total Metals by EPA Method 6010B								
8080770-BS1								
Lead	50.0	47.4		ug/L	95%	80 - 120	8080770	08/06/08 13:45
Dissolved Metals by EPA Method 6010B								
8080939-BS1								
Lead	50.0	43.8		ug/L	88%	80 - 120	8080939	08/08/08 17:54
Volatile Organic Compounds by EPA Method 8021B								
8081357-BS1								
Benzene	100	111		ug/L	111%	74 - 120	8081357	08/09/08 17:58
Ethylbenzene	100	102		ug/L	102%	73 - 120	8081357	08/09/08 17:58
Toluene	100	104		ug/L	104%	74 - 120	8081357	08/09/08 17:58
Xylenes, total	200	206		ug/L	103%	67 - 120	8081357	08/09/08 17:58
Surrogate: <i>a,a,a-Trifluorotoluene</i>	30.0	21.7			72%	46 - 150	8081357	08/09/08 17:58
8081629-BS1								
Benzene	100	103	MNR1	ug/L	103%	74 - 120	8081629	08/11/08 12:20
Ethylbenzene	100	103	MNR1	ug/L	103%	73 - 120	8081629	08/11/08 12:20
Toluene	100	102	MNR1	ug/L	102%	74 - 120	8081629	08/11/08 12:20
Xylenes, total	200	211	MNR1	ug/L	105%	67 - 120	8081629	08/11/08 12:20
Surrogate: <i>a,a,a-Trifluorotoluene</i>	30.0	20.7			69%	46 - 150	8081629	08/11/08 12:20
Selected Volatile Organic Compounds by EPA Method 8260B								
8080818-BS1								
Ethanol	5000	6000		ug/L	120%	36 - 150	8080818	08/06/08 23:27
Surrogate: <i>1,2-Dichloroethane-d4</i>	50.0	47.6			95%	60 - 140	8080818	08/06/08 23:27
Surrogate: <i>Dibromofluoromethane</i>	50.0	49.4			99%	75 - 124	8080818	08/06/08 23:27
Surrogate: <i>Toluene-d8</i>	50.0	52.0			104%	78 - 121	8080818	08/06/08 23:27
Surrogate: <i>4-Bromofluorobenzene</i>	50.0	49.4			99%	79 - 124	8080818	08/06/08 23:27
Purgeable Petroleum Hydrocarbons								
8081357-BS2								
GRO (C4-C12) NW	1000	890	MNR1	ug/L	89%	67 - 124	8081357	08/11/08 12:43
Surrogate: <i>a,a,a-Trifluorotoluene</i>	30.0	25.5			85%	50 - 150	8081357	08/11/08 12:43
8081629-BS2								
GRO (C4-C12) NW	1000	862	MNR1	ug/L	86%	67 - 124	8081629	08/11/08 13:18
Surrogate: <i>a,a,a-Trifluorotoluene</i>	30.0	24.8			83%	50 - 150	8081629	08/11/08 13:18
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
8081050-BS1								
Diesel	1000	645	MNR1	ug/L	64%	36 - 124	8081050	08/07/08 16:29

Client	ERI Tukwila (10313)	Work Order:	NRH0341
	815 Industry Drive	Project Name:	Exxon 7-6375
	Tukwila, WA 98188	Project Number:	31116
Attn	Ryan M. Pozzuto	Received:	08/05/08 08:00

PROJECT QUALITY CONTROL DATA

LCS - Cont.

Analyte	Known Val.	Analyzed Val	Q	Units	% Rec.	Target Range	Batch	Analyzed Date/Time
Extractable Petroleum Hydrocarbons with Silica Gel Treatment								
8081050-BS1								
Surrogate: o-Terphenyl	20.0	17.7			89%	50 - 150	8081050	08/07/08 16:29

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Ryan M. Pozzuto

Work Order: NRH0341
Project Name: Exxon 7-6375
Project Number: 31116
Received: 08/05/08 08:00

PROJECT QUALITY CONTROL DATA
LCS Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Dissolved Metals by EPA Method 6010B												
8080939-BSD1												
Lead		43.1		ug/L	50.0	86%	80 - 120	2	20	8080939		08/08/08 17:58
Selected Volatile Organic Compounds by EPA Method 8260B												
8080818-BSD1												
Ethanol		5690		ug/L	5000	114%	36 - 150	5	48	8080818		08/06/08 23:54
Surrogate: 1,2-Dichloroethane-d4		47.7		ug/L	50.0	95%	60 - 140			8080818		08/06/08 23:54
Surrogate: Dibromofluoromethane		47.9		ug/L	50.0	96%	75 - 124			8080818		08/06/08 23:54
Surrogate: Toluene-d8		50.3		ug/L	50.0	101%	78 - 121			8080818		08/06/08 23:54
Surrogate: 4-Bromofluorobenzene		52.2		ug/L	50.0	104%	79 - 124			8080818		08/06/08 23:54

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Ryan M. Pozzuto

Work Order: NRH0341
Project Name: Exxon 7-6375
Project Number: 31116
Received: 08/05/08 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike

Analyte	Orig. Val.	MS Val	Q	Units	Spike Conc	% Rec.	Target Range	Batch	Sample Spiked	Analyzed Date/Time
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Total Metals by EPA Method 6010B

8080770-MS1

Lead	28.8	74.6		ug/L	50.0	92%	75 - 125	8080770	NRH0341-01	08/06/08 14:36
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Dissolved Metals by EPA Method 6010B

8080939-MS1

Lead	ND	44.2		ug/L	50.0	88%	75 - 125	8080939	NRH0188-01	08/08/08 18:07
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Volatile Organic Compounds by EPA Method 8021B

8081357-MS1

Benzene	ND	50.7		ug/L	50.0	101%	48 - 158	8081357	NRH0414-02	08/11/08 10:37
Ethylbenzene	ND	50.5		ug/L	50.0	101%	52 - 151	8081357	NRH0414-02	08/11/08 10:37
Toluene	ND	49.9		ug/L	50.0	100%	53 - 147	8081357	NRH0414-02	08/11/08 10:37
Xylenes, total	ND	101		ug/L	100	101%	52 - 143	8081357	NRH0414-02	08/11/08 10:37
Surrogate: <i>a,a,a</i> -Trifluorotoluene		19.8		ug/L	30.0	66%	46 - 150	8081357	NRH0414-02	08/11/08 10:37

Selected Volatile Organic Compounds by EPA Method 8260B

8080818-MS1

Ethanol	87.2	5710		ug/L	5000	112%	31 - 200	8080818	NRH0226-06	08/07/08 09:21
Surrogate: <i>1,2</i> -Dichloroethane- <i>d</i> 4		40.1		ug/L	50.0	80%	60 - 140	8080818	NRH0226-06	08/07/08 09:21
Surrogate: Dibromofluoromethane		46.2		ug/L	50.0	92%	75 - 124	8080818	NRH0226-06	08/07/08 09:21
Surrogate: Toluene- <i>d</i> 8		48.3		ug/L	50.0	97%	78 - 121	8080818	NRH0226-06	08/07/08 09:21
Surrogate: <i>4</i> -Bromofluorobenzene		50.6		ug/L	50.0	101%	79 - 124	8080818	NRH0226-06	08/07/08 09:21

Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Ryan M. Pozzuto

Work Order: NRH0341
Project Name: Exxon 7-6375
Project Number: 31116
Received: 08/05/08 08:00

PROJECT QUALITY CONTROL DATA

Matrix Spike Dup

Analyte	Orig. Val.	Duplicate	Q	Units	Spike Conc	% Rec.	Target Range	RPD	Limit	Batch	Sample Duplicated	Analyzed Date/Time
Total Metals by EPA Method 6010B												
8080770-MSD1												
Lead	28.8	73.7		ug/L	50.0	90%	75 - 125	1	20	8080770	NRH0341-01	08/06/08 14:41
Dissolved Metals by EPA Method 6010B												
8080939-MSD1												
Lead	ND	43.6		ug/L	50.0	87%	75 - 125	1	20	8080939	NRH0188-01	08/08/08 18:11
Volatile Organic Compounds by EPA Method 8021B												
8081357-MSD1												
Benzene	ND	57.6		ug/L	50.0	115%	48 - 158	13	39	8081357	NRH0414-02	08/11/08 11:01
Ethylbenzene	ND	56.6		ug/L	50.0	113%	52 - 151	11	37	8081357	NRH0414-02	08/11/08 11:01
Toluene	ND	56.3		ug/L	50.0	113%	53 - 147	12	30	8081357	NRH0414-02	08/11/08 11:01
Xylenes, total	ND	114		ug/L	100	114%	52 - 143	12	38	8081357	NRH0414-02	08/11/08 11:01
Surrogate: <i>a,a,a</i> -Trifluorotoluene		20.5		ug/L	30.0	68%	46 - 150			8081357	NRH0414-02	08/11/08 11:01
Selected Volatile Organic Compounds by EPA Method 8260B												
8080818-MSD1												
Ethanol	87.2	5840		ug/L	5000	115%	31 - 200	2	48	8080818	NRH0226-06	08/07/08 09:48
Surrogate: <i>1,2</i> -Dichloroethane- <i>d</i> 4		40.0		ug/L	50.0	80%	60 - 140			8080818	NRH0226-06	08/07/08 09:48
Surrogate: Dibromofluoromethane		45.4		ug/L	50.0	91%	75 - 124			8080818	NRH0226-06	08/07/08 09:48
Surrogate: Toluene- <i>d</i> 8		49.2		ug/L	50.0	98%	78 - 121			8080818	NRH0226-06	08/07/08 09:48
Surrogate: 4-Bromofluorobenzene		49.8		ug/L	50.0	100%	79 - 124			8080818	NRH0226-06	08/07/08 09:48

Client

ERI Tukwila (10313)

815 Industry Drive

Tukwila, WA 98188

Attn

Ryan M. Pozzuto

Work Order:

NRH0341

Project Name:

Exxon 7-6375

Project Number:

31116

Received:

08/05/08 08:00

CERTIFICATION SUMMARY

TestAmerica Nashville

Method	Matrix	AIHA	Nelac	Washington
NWTPH-Dx	Water	N/A	X	X
NWTPH-Gx	Water	N/A	X	X
SW846 6010B	Water	N/A	X	X
SW846 8021B	Water	N/A	X	X
SW846 8260B	Water	N/A	X	X

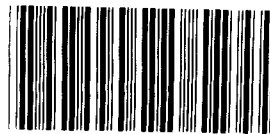
Client ERI Tukwila (10313)
815 Industry Drive
Tukwila, WA 98188
Attn Ryan M. Pozzuto

Work Order: NRH0341
Project Name: Exxon 7-6375
Project Number: 31116
Received: 08/05/08 08:00

DATA QUALIFIERS AND DEFINITIONS

A-01 Contamination elutes between C8 and C20 and does not match any standards in our reference library.
MNR1 There was no MS/MSD analyzed with this batch due to insufficient sample volume. See Blank Spike.
RL1 Reporting limit raised due to sample matrix effects.
ND Not detected at the reporting limit (or method detection limit if shown)

METHOD MODIFICATION NOTES



Nashville, TN

COOLER REC

NRH0341

Cooler Received/Opened On 08/05/08 @ 08:001. Tracking # 4971 (last 4 digits, FedEx)Courier: FED-EX IR Gun ID A011242. Temperature of rep. sample or temp blank when opened 5.7 Degrees Celsius3. If Item #2 temperature is 0°C or less, was the representative sample or temp blank frozen? YES NO...NA4. Were custody seals on outside of cooler? YES NO...NA

If yes, how many and where: _____

5. Were the seals intact, signed, and dated correctly? YES...NO...NA6. Were custody papers inside cooler? YES NO...NAI certify that I opened the cooler and answered questions 1-6 (initial) Pb7. Were custody seals on containers: YES NO and Intact YES...NO...NAWere these signed and dated correctly? YES...NO...NA8. Packing mat'l used? Bubblewrap Plastic bag Peanuts Vermiculite Foam Insert Paper Other None9. Cooling process: Ice Ice-pack Ice (direct contact) Dry ice Other None10. Did all containers arrive in good condition (unbroken)? YES NO...NA11. Were all container labels complete (#, date, signed, pres., etc)? YES NO...NA12. Did all container labels and tags agree with custody papers? YES NO...NA13a. Were VOA vials received? YES NO...NAb. Was there any observable headspace present in any VOA vial? YES NO...NA14. Was there a Trip Blank in this cooler? YES NO...NA If multiple coolers, sequence # _____I certify that I unloaded the cooler and answered questions 7-14 (initial) W15a. On pres'd bottles, did pH test strips suggest preservation reached the correct pH level? YES NO...NAb. Did the bottle labels indicate that the correct preservatives were used YES NO...NA

If preservation in-house was needed, record standard ID of preservative used here _____

16. Was residual chlorine present? YES NO...NAI certify that I checked for chlorine and pH as per SOP and answered questions 15-16 (initial) W17. Were custody papers properly filled out (ink, signed, etc)? YES NO...NA18. Did you sign the custody papers in the appropriate place? YES NO...NA19. Were correct containers used for the analysis requested? YES NO...NA20. Was sufficient amount of sample sent in each container? YES NO...NAI certify that I entered this project into LIMS and answered questions 17-20 (initial) WI certify that I attached a label with the unique LIMS number to each container (initial) W21. Were there Non-Conformance issues at login? YES NO Was a PIPE generated? YES NO...# _____

Phone: 615-726-0177
Toll Free: 800-765-0980

ExxonMobil

Nashville, TN 37204

Fax: 615-726-3404

Consultant Name: Environmental Resolutions, Inc.

TA Account #: 10313

Address: 815 Industry Drive

Invoice To: Gene Ortega

City/State/Zip: Tukwila, WA 98188

Report To: Ryan Pozzuto

ExxonMobil Territory Mgr: Gene Ortega

PO #: 4509222849

Consultant Project Mgr: Ryan Pozzuto

Facility ID # 7-6375

Consultant Telephone Number: 206-575-6220

Fax No.: 206-575-6423

Site Address 8325 Mukilteo Speedway

Sampler Name: (Print) Kaden Reed

City, State, Zip Mukilteo, WA 98275

Sampler Signature:

Regulatory District (CA) N/A

-NRH0341

[illegible]

FIELD LOG
PURGING AND SAMPLING RECORD & WELL EQUIPMENT STATUS

CLIENT NAME: ExxonMobil 76375	ERI JOB #: 31116	0.163 gal/ft for a 2" well
SITE LOCATION: 8325 Mukilteo Speedway, Mukilteo, Washington		0.652 gal/ft for a 4" well
FIELD CREW: KJR	DATE: 08/04/2008	1.167 gal/ft for a 6" well

WELL EQUIPMENT STATUS OPTIONS:

N = Not Repaired in time available

OK = No action needed

R = Repaired

Yes

No

N/A

WELL #	TIME	DEPTH TO WATER	DEPTH OF WELL	CASE DIA	CASE VOL(gal)	PRG VOL		
MW1	9:16 AM	DRY	12.9	2				
SW								
	VAULT LID	BOLTS	GASKET	WELL PLUG	LOCK	VAULT SEAL	WATER IN VAULT?	REPLACE VAULT?
	OK	OK	OK	OK	OK	OK	NO	NO
COMMENTS:								
MW2	9:34 AM	DRY	24.6	2				
SW								
	VAULT LID	BOLTS	GASKET	WELL PLUG	LOCK	VAULT SEAL	WATER IN VAULT?	REPLACE VAULT?
	OK	OK	OK	OK	OK	OK	YES	NO
COMMENTS:								
SV1	8:26 AM	DRY	14.9	2				
SW								
	VAULT LID	BOLTS	GASKET	WELL PLUG	LOCK	VAULT SEAL	WATER IN VAULT?	REPLACE VAULT?
	OK	OK	OK	OK	OK	OK	NO	NO
COMMENTS:								

FIELD LOG
PURGING AND SAMPLING RECORD & WELL EQUIPMENT STATUS

CLIENT NAME: ExxonMobil 76375	ERI JOB #: 31116	0.163 gal/ft for a 2" well
SITE LOCATION: 8325 Mukilteo Speedway, Mukilteo, Washington		0.652 gal/ft for a 4" well
FIELD CREW: KJR	DATE: 08/04/2008	1.167 gal/ft for a 6" well

WELL EQUIPMENT STATUS OPTIONS:

N = Not Repaired in time available	OK = No action needed
R = Repaired	Yes No N/A

WELL #	TIME	DEPTH TO WATER	DEPTH OF WELL	CASE DIA	CASE VOL(gal)	PRG VOL		
SV2	8:38 AM	2.57	14.3	2	1.91	5.74		
	8:42 AM					1		
	8:44 AM					3		
	8:47 AM					6		
SW	10:00 AM	4.63						
	VAULT LID	BOLTS	GASKET	WELL PLUG	LOCK	VAULT SEAL	WATER IN VAULT?	REPLACE VAULT?
	OK	OK	OK	OK	OK	OK	NO	NO
COMMENTS:	Slow recharge.							