SECTION 3

GROUNDWATER MONITORING REPORT
FIRST QUARTER

NOVEMBER 16, 2016

GROUNDWATER MONITORING REPORT:
First Quarterly Sampling - November 2016

Fife RV Center
3410 Pacific Highway East
Fife, Washington 98424

AEROTECH
Environmental Consulting Inc.

November 18, 2016

Anchorage Seattle Portland

Cost-effective environmental solutions
for the western United States and Alaska

www.AerotechEnvironmental.com

AEROTECH

Environmental Consulting Inc.

13925 Interurban Avenue South, Suite 210
Seattle, Washington 98168
(360) 710-5899

512 W. International Airport Road, Suite 201
Anchorage, Alaska 99518
(907) 575-6661

December 9, 2016

Mr. Chris LaVerdiere
Fife RV Center
3410 Pacific Highway East
Fife, Washington 98424

RE: Groundwater Monitoring Report – Fourth Quarter 2016
Fife RV Center
3410 Pacific Highway East, Fife, Washington
Fife, Washington 98424

Dear Mr. LaVerdiere,

As you are aware, Aerotech Environmental Consulting, Inc. ("Aerotech") has been retained to collect quarterly groundwater samples from six groundwater monitoring wells previously installed at Fife RV Center in Fife, Washington. Aerotech conducted the initial round of groundwater monitoring and sampling activities on November 18, 2016. Due to gasoline concentration levels in groundwater monitoring well MW3, Aerotech mobilized to the Site on November 30, 2016 to check for the presence of free product using a Product Interface Probe. No free product was detected in any of the six onsite groundwater monitoring wells. Enclosed, please find the associated tabulated analytical results, site drawings, laboratory analytical report, and standard operating procedure document.

Please feel free to contact the Aerotech Geologist, Mr. James McDermott, at (425) 686-0032, or the Aerotech Field Sampling Coordinator, Mr. Nicholas Gerkin at (206) 482-2287 if you have any questions regarding work completed at this Site.

Sincerely,

James G. McDermott
State of Washington
Licensed Geologist No. 3063

State of Washington
3063
Licensed Geologist
James G. McDermott

Nick Gerkin
Environmental Professional
Washington State UST Site Assessor
ICC UST Decommissioning Supervisor

GROUNDWATER ANALYTICAL RESULTS TABLE
AND
FIGURES

GROUNDWATER ANALYTICAL RESULTS

Fife RV Center
3410 Pacific Highway East
Fife, Washington

MW-1

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.4	11/18/16	1.37	8.37	7.00	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	<2.0	<2.0
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	15	15

MW-2

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.2	11/18/16	2.53	9.40	6.87	**18,000**	<200	<500	**470**	18	210	200	<0.01	<1.0	<5.0	<2.0	<2.0
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	15	15

MW-3

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.6	11/18/16	2.19	9.43	7.24	**42,000**	<200	<500	**130**	16	**2,800**	120	<0.01	<1.0	<5.0	<2.0	<2.0
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	15	15

MW-4

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
14.5	11/18/16	3.31	10.12	6.81	**1,900**	<200	<500	**140**	<1.0	13	7.70	<0.01	<1.0	<5.0	<2.0	<2.0
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	15	15

MW-5

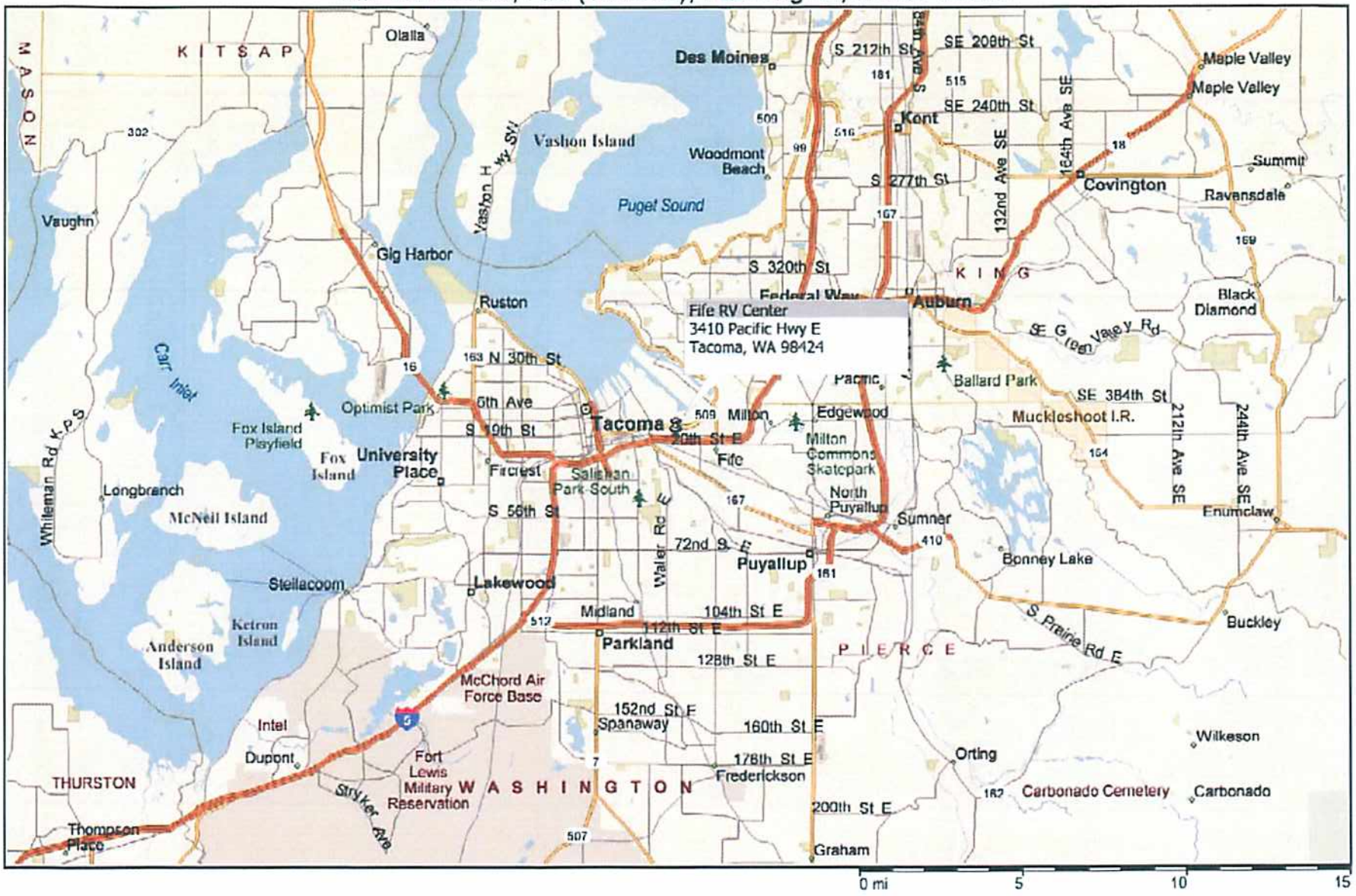
Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
17.5	11/18/16	5.17	11.27	6.10	**2,100**	<200	<500	**250**	1.6	5.6	2.1	<0.01	<1.0	<5.0	<2.0	<2.0
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	15	15

MW-6

Well Depth	Sampling Date	Ground Water Level	Elevation (TOC north)	Water Level Elevation	TPHg	TPHd	TPHo	Benzene	Toluene	Ethyl-benzene	Xylenes	EDB	EDC	MTBE	Dissolved Lead	Total Lead
Feet		Feet Below TOC	Feet Above MSL	Feet Above MSL	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
17.5	11/18/16	4.72	11.40	6.68	<100	<200	<500	<1.0	<1.0	<1.0	<1.0	<0.01	<1.0	<5.0	<2.0	<2.0
		MTCA Method A Cleanup Levels			800	500	500	5	1,000	700	1,000	0.01	5	20	15	15

MTCA = Model Toxic Control Act Cleanup Level (WAC173-340-900)
< = not detected at indicated Laboratory Detection Limits -- not analyzed NM = Not Measured TOC = Top of Casing MSL = Mean Sea Level
TPHg - Total Petroleum Hydrocarbons - Gasoline by Method NWTPH-Gx
TPHd - Total Petroleum Hydrocarbons - Diesel by Method NWTPH-Dx TPHo - Total Petroleum Hydrocarbons - Motor Oil by Method NWTPH-Dx extended
Benzene, Toluene, Ethylbenzene and Xylenes by EPA Method 8021B
MTBE = Methyl-tert-butyl-ether EDC = 1,2-Dichloroethane EDB = 1,2-Dibromoethane; by EPA Method 8260B
Total and Dissolved Lead by EPA Method 7010
Bolded numbers and red-shaded cells denote concentrations above the MTCA Method A Cleanup Levels for groundwater

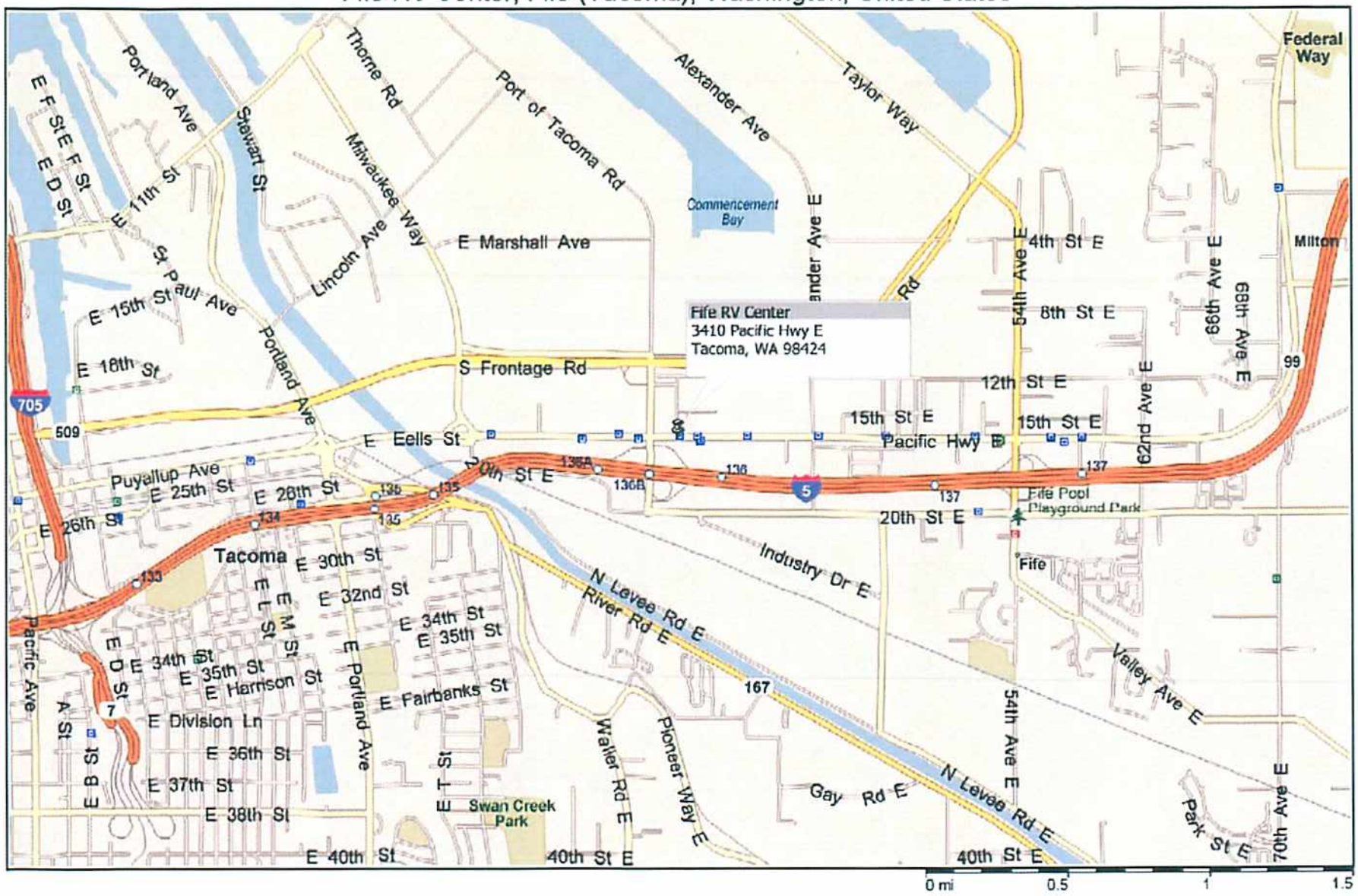
Fife RV Center, Fife (Tacoma), Washington, United States



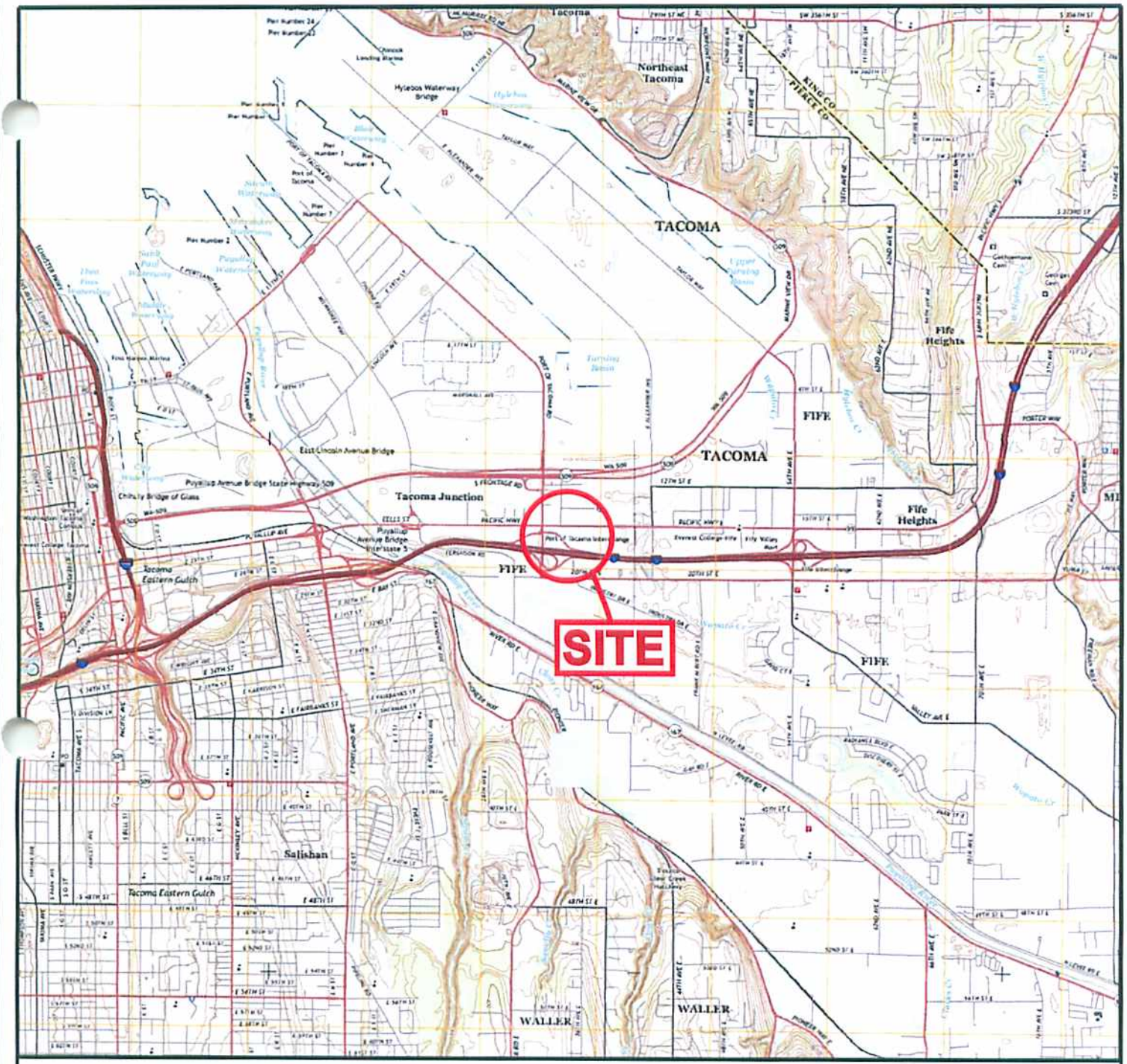
AEROTECH ENVIRONMENTAL CONSULTING	**REGIONAL MAP**	Fife RV Center 3410 Pacific Highway East Fife, Washington	Date: 12/08/16 By: Nick Gerkin Figure: 1

N

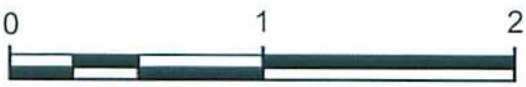
Fife RV Center, Fife (Tacoma), Washington, United States



AEROTECH ENVIRONMENTAL CONSULTING	**NEIGHBORHOOD STREET MAP**	Fife RV Center 3410 Pacific Highway East Fife, Washington		Date: 12/08/16 By: Nick Gerkin Figure: 2



UTM GRID AND 2014 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET



SCALE (mile)

CONTOUR INTERVAL 20 FEET
NORTH AMERICAN VERTICAL DATUM OF 1988

AEROTECH ENVIRONMENTAL CONSULTING

USGS TOPOGRAPHIC MAP

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 10/30/16
By: Nick Gerkin
Figure: 3

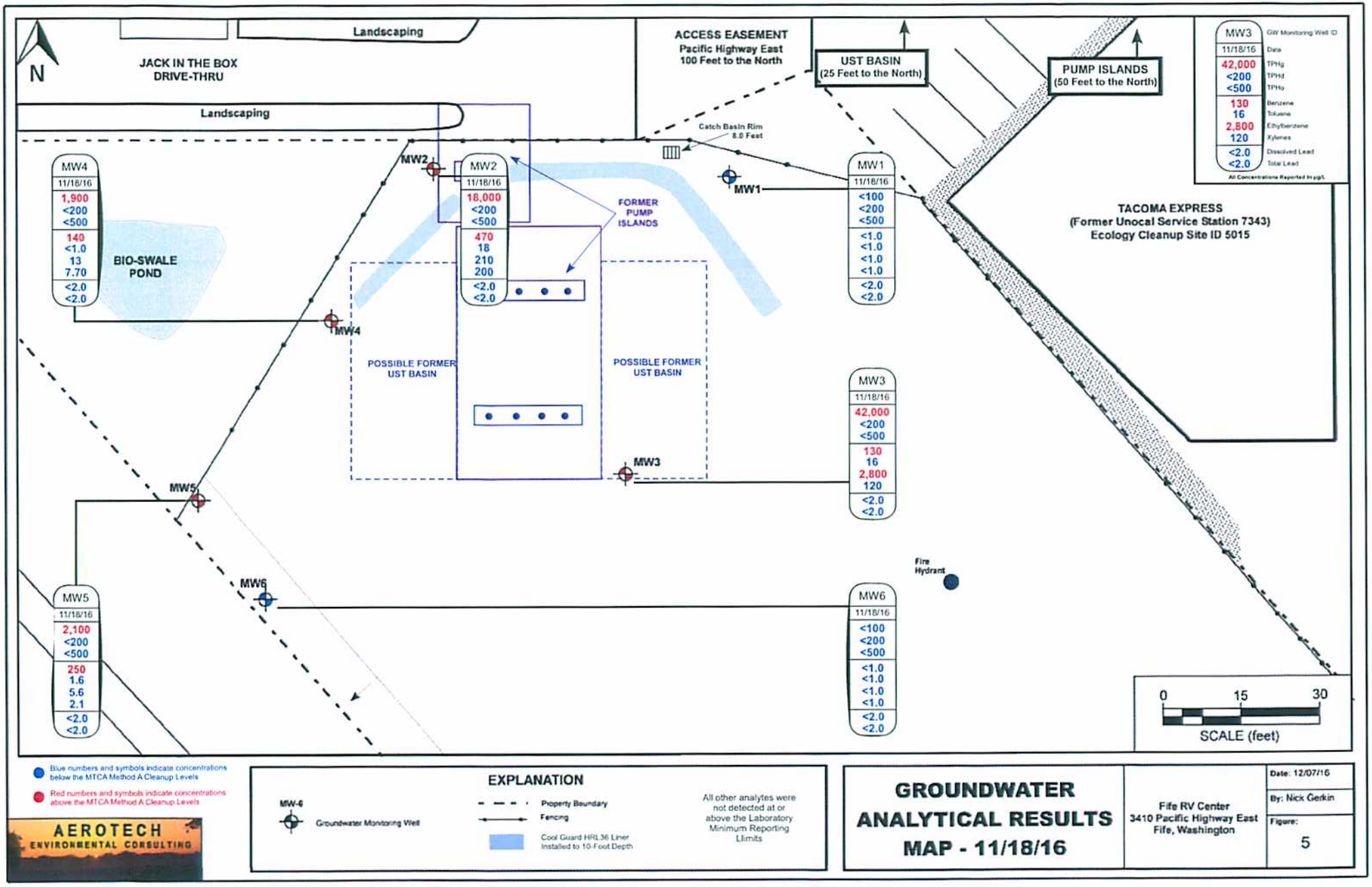
EXPLANATION

Extents of Site Remedial Excavation Figures

Property Boundary

AEROTECH ENVIRONMENTAL CONSULTING	**SITE VICINITY MAP**	Fife RV Center 3410 Pacific Highway East Fife, Washington	0 150 300 SCALE (feet)

Date: 10/30/16
By: Nick Gerkin
Figure: 4



Blue numbers and symbols indicate concentrations below the MTCA Method A Cleanup Levels

Red numbers and symbols indicate concentrations above the MTCA Method A Cleanup Levels

AEROTECH
ENVIRONMENTAL CONSULTING

EXPLANATION

MW-6 — Groundwater Monitoring Well

Property Boundary

Fencing

Cool Guard HRL36 Liner Installed to 10-Foot Depth

All other analytes were not detected at or above the Laboratory Minimum Reporting Limits

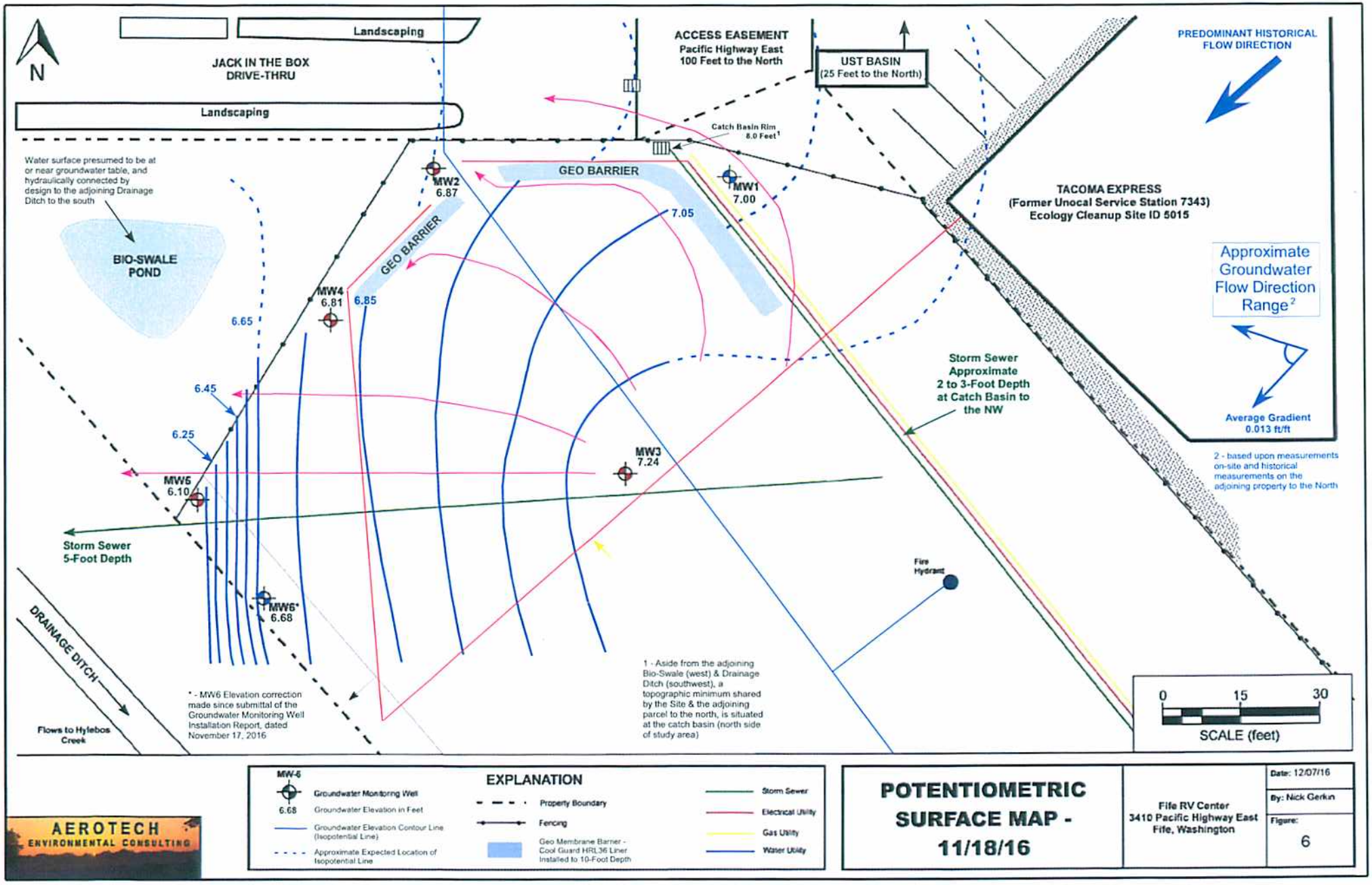
GROUNDWATER ANALYTICAL RESULTS MAP - 11/18/16

Fife RV Center
3410 Pacific Highway East
Fife, Washington

Date: 12/07/16

By: Nick Gerkin

Figure: 5


N
Landscaping
JACK IN THE BOX
DRIVE-THRU
Landscaping
ACCESS EASEMENT
Pacific Highway East
100 Feet to the North
UST BASIN
(25 Feet to the North)
PREDOMINANT HISTORICAL
FLOW DIRECTION
Catch Basin Rim
8.0 Feet[1]
Water surface presumed to be at or near groundwater table, and hydraulically connected by design to the adjoining Drainage Ditch to the south
BIO-SWALE
POND
MW2
6.87
GEO BARRIER
MW1
7.00
7.05
TACOMA EXPRESS
(Former Unocal Service Station 7343)
Ecology Cleanup Site ID 5015
Approximate
Groundwater
Flow Direction
Range[2]
MW4
6.81
6.85
GEO BARRIER
6.65
6.45
6.25
Storm Sewer
Approximate
2 to 3-Foot Depth
at Catch Basin to
the NW
Average Gradient
0.013 ft/ft
2 - based upon measurements on-site and historical measurements on the adjoining property to the North
MW3
7.24
MW5
6.10
Storm Sewer
5-Foot Depth
Fire
Hydrant
MW6*
6.68
DRAINAGE DITCH
Flows to Hylebos
Creek
* - MW6 Elevation correction made since submittal of the Groundwater Monitoring Well Installation Report, dated November 17, 2016
1 - Aside from the adjoining Bio-Swale (west) & Drainage Ditch (southwest), a topographic minimum shared by the Site & the adjoining parcel to the north, is situated at the catch basin (north side of study area)
0
15
30
SCALE (feet)
EXPLANATION
MW-6
Groundwater Monitoring Well
6.68
Groundwater Elevation in Feet
Groundwater Elevation Contour Line (Isopotential Line)
Approximate Expected Location of Isopotential Line
Property Boundary
Fencing
Geo Membrane Barrier - Cool Guard HRL36 Liner Installed to 10-Foot Depth
Storm Sewer
Electrical Utility
Gas Utility
Water Utility
AEROTECH
ENVIRONMENTAL CONSULTING
POTENTIOMETRIC
SURFACE MAP -
11/18/16
Fife RV Center
3410 Pacific Highway East
Fife, Washington
Date: 12/07/16
By: Nick Gerkin
Figure:
6

LABORATORY ANALYTICAL RESULTS

ADVANCED ANALYTICAL

Environmental Testing Laboratory

November 28, 2016

Nick Gerkin
Aerotech Environmental, Inc.
13925 Interurban Avenue South, Suite 210
Seattle, WA 98168

Dear Mr. Gerkin:

Please find enclosed the analytical data report for the *Fife RV (C61118-2)* Project.

Samples were received on *November 18, 2016.* The results of the analyses are presented in the attached tables. Applicable reporting limits, QA/QC data and data qualifiers are included. A copy of the chain-of-custody and an invoice for the work is also enclosed.

ADVANCED ANALYTICAL LABORATORY appreciates the opportunity to provide analytical services for this project. Should there be any questions regarding this report, please contact me at (425) 702-8571.

It was a pleasure working with you, and we are looking forward to the next opportunity to work together.

Sincerely,

V. Ivanov

Val G. Ivanov, Ph.D.
Laboratory Manager

4078 148 Ave NE■ Redmond, WA 98052
425.702-8571
E-mail: aachemlab@yahoo.com

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61118-2
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	11/18/16

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61118-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 11/18/16

Analytical Results

8260B, µg/L		MTH BLK	LCS	W-MW1	W-MW2	W-MW3	W-MW4
Matrix	Water	Water	Water	Water	Water	Water	Water
Date analyzed	Reporting Limits	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16
MTBE	5.0	nd		nd	nd	nd	nd
Chloromethane	1.0	nd		nd	nd	nd	nd
Vinyl chloride(*)	0.2	nd		nd	nd	nd	nd
Bromomethane	1.0	nd		nd	nd	nd	nd
Chloroethane	1.0	nd		nd	nd	nd	nd
Trichlorofluoromethane	1.0	nd		nd	nd	nd	nd
1,1-Dichloroethene	1.0	nd		nd	nd	nd	nd
Methylene chloride	1.0	nd		nd	nd	nd	nd
trans-1,2-Dichloroethene	1.0	nd		nd	nd	nd	nd
1,1-Dichloroethane	1.0	nd		nd	nd	nd	nd
2,2-Dichloropropane	1.0	nd		nd	nd	nd	nd
cis-1,2-Dichloroethene	1.0	nd		nd	nd	nd	nd
Chloroform	1.0	nd		nd	nd	nd	nd
1,1,1-Trichloroethane	1.0	nd		nd	nd	nd	nd
Carbontetrachloride	1.0	nd		nd	nd	nd	nd
1,1-Dichloropropene	1.0	nd		nd	nd	nd	nd
1,2-Dichloroethane(EDC)	1.0	nd		nd	nd	nd	nd
Trichloroethene	1.0	nd	76%	nd	nd	nd	nd
1,2-Dichloropropane	1.0	nd		nd	nd	nd	nd
Dibromomethane	1.0	nd		nd	nd	nd	nd
Bromodichloromethane	1.0	nd		nd	nd	nd	nd
cis-1,3-Dichloropropene	1.0	nd		nd	nd	nd	nd
trans-1,3-Dichloropropene	1.0	nd		nd	nd	nd	nd
1,1,2-Trichloroethane	1.0	nd		nd	nd	nd	nd
Tetrachloroethene	1.0	nd		nd	nd	nd	nd
1,3-Dichloropropane	1.0	nd		nd	nd	nd	nd
Dibromochloromethane	1.0	nd		nd	nd	nd	nd
1,2-Dibromoethane (EDB)*	0.01	nd		nd	nd	nd	nd
Chlorobenzene	1.0	nd	89%	nd	nd	nd	nd
1,1,1,2-Tetrachloroethane	1.0	nd		nd	nd	nd	nd
Styrene	1.0	nd		nd	nd	nd	nd
Bromoform	1.0	nd		nd	nd	nd	nd
Isopropylbenzene	1.0	nd		nd	36	nd	nd
1,2,3-Trichloropropane	1.0	nd		nd	nd	nd	nd
Bromobenzene	1.0	nd		nd	nd	nd	nd
1,1,2,2-Tetrachloroethane	1.0	nd		nd	nd	nd	nd
n-Propylbenzene	1.0	nd		nd	110	500	2.7
2-Chlorotoluene	1.0	nd		nd	nd	nd	nd
4-Chlorotoluene	1.0	nd		nd	nd	nd	nd
1,3,5-Trimethylbenzene	1.0	nd		nd	250	190	3.7
tert-Butylbenzene	1.0	nd		nd	1.1	1.6	nd
1,2,4-Trimethylbenzene	1.0	nd		nd	700	850	10
sec-Butylbenzene	1.0	nd		nd	15	60	1.4
1,3-Dichlorobenzene	1.0	nd		nd	nd	nd	nd
Isopropyltoluene	1.0	nd		nd	23	6.0	1.3
1,4-Dichlorobenzene	1.0	nd		nd	nd	nd	nd
1,2-Dichlorobenzene	1.0	nd		nd	nd	nd	nd
n-Butylbenzene	1.0	nd		nd	34	110	3.7

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61118-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 11/18/16

Analytical Results

8260B, µg/L		MTH BLK	LCS	W-MW1	W-MW2	W-MW3	W-MW4
Matrix	Water	Water	Water	Water	Water	Water	Water
Date analyzed	Reporting Limits	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16
1,2-Dibromo-3-Chloropropane	1.0	nd		nd	nd	nd	nd
1,2,4-Trichlorobenzene	1.0	nd		nd	18	nd	nd
Hexachloro-1,3-butadiene	1.0	nd		nd	nd	nd	nd
Naphthalene	1.0	nd		nd	nd	nd	nd
1,2,3-Trichlorobenzene	1.0	nd		nd	41	2.2	nd
Surrogate recoveries							
Dibromofluoromethane		110%	99%	103%	97%	101%	106%
Toluene-d8		107%	99%	98%	89%	96%	94%
1,2-Dichloroethane-d4		102%	105%	99%	97%	95%	102%
4-Bromofluorobenzene		105%	119%	102%	103%	112%	109%

*-instrument detection limits

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61118-2
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	11/18/16

Analytical Results

8260B, µg/L		W-MW5	W-MW6	MS	MSD	RPD
Matrix	Water	Water	Water	Water	Water	Water
Date analyzed	Reporting Limits	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16
MTBE	5.0	nd	nd			
Chloromethane	1.0	nd	nd			
Vinyl chloride(*)	0.2	nd	nd			
Bromomethane	1.0	nd	nd			
Chloroethane	1.0	nd	nd			
Trichlorofluoromethane	1.0	nd	nd			
1,1-Dichloroethene	1.0	nd	nd			
Methylene chloride	1.0	nd	nd			
trans-1,2-Dichloroethene	1.0	nd	nd			
1,1-Dichloroethane	1.0	nd	nd			
2,2-Dichloropropane	1.0	nd	nd			
cis-1,2-Dichloroethene	1.0	nd	nd			
Chloroform	1.0	nd	nd			
1,1,1-Trichloroethane	1.0	nd	nd			
Carbontetrachloride	1.0	nd	nd			
1,1-Dichloropropene	1.0	nd	nd			
1,2-Dichloroethane(EDC)	1.0	nd	nd			
Trichloroethene	1.0	nd	nd	83%	81%	3%
1,2-Dichloropropane	1.0	nd	nd			
Dibromomethane	1.0	nd	nd			
Bromodichloromethane	1.0	nd	nd			
cis-1,3-Dichloropropene	1.0	nd	nd			
trans-1,3-Dichloropropene	1.0	nd	nd			
1,1,2-Trichloroethane	1.0	nd	nd			
Tetrachloroethene	1.0	nd	nd			
1,3-Dichloropropane	1.0	nd	nd			
Dibromochloromethane	1.0	nd	nd			
1,2-Dibromoethane (EDB)*	0.01	nd	nd			
Chlorobenzene	1.0	nd	nd	100%	102%	1%
1,1,1,2-Tetrachloroethane	1.0	nd	nd			
Styrene	1.0	nd	nd			
Bromoform	1.0	nd	nd			
Isopropylbenzene	1.0	30	nd			
1,2,3-Trichloropropane	1.0	nd	nd			
Bromobenzene	1.0	nd	nd			
1,1,2,2-Tetrachloroethane	1.0	nd	nd			
n-Propylbenzene	1.0	nd	nd			
2-Chlorotoluene	1.0	nd	nd			
4-Chlorotoluene	1.0	nd	nd			
1,3,5-Trimethylbenzene	1.0	2.7	nd			
tert-Butylbenzene	1.0	4.0	nd			
1,2,4-Trimethylbenzene	1.0	3.4	nd			
sec-Butylbenzene	1.0	2.0	nd			
1,3-Dichlorobenzene	1.0	nd	nd			
Isopropyltoluene	1.0	5.0	nd			
1,4-Dichlorobenzene	1.0	nd	nd			
1,2-Dichlorobenzene	1.0	nd	nd			
n-Butylbenzene	1.0	17	nd			

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61118-2
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	11/18/16

Analytical Results

8260B, µg/L		W-MW5	W-MW6	MS	MSD	RPD
Matrix	Water	Water	Water	Water	Water	Water
Date analyzed	Reporting Limits	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16
1,2-Dibromo-3-Chloropropane	1.0	nd	nd			
1,2,4-Trichlorobenzene	1.0	nd	nd			
Hexachloro-1,3-butadiene	1.0	nd	nd			
Naphthalene	1.0	nd	nd			
1,2,3-Trichlorobenzene	1.0	nd	nd			
*-instrument detection limits						
Surrogate recoveries						
Dibromofluoromethane		99%	98%	110%	102%	
Toluene-d8		90%	99%	104%	99%	
1,2-Dichloroethane-d4		96%	99%	101%	99%	
4-Bromofluorobenzene		109%	121%	130%	107%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

AAL Job Number: C61118-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 11/18/16

Analytical Results

NWTPH-Gx/BTEX		MTH BLK	LCS	W-MW1	W-MW2	W-MW3	W-MW4
Matrix	Water	Water	Water	Water	Water	Water	Water
Date analyzed	Reporting Limits	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16
NWTPH-Gx, ug/L							
Mineral spirits/Stoddard	100	nd		nd	nd	nd	nd
Gasoline	100	nd		nd	18,000	42,000	1,900
BTEX 8021B, µg/L							
Benzene	1.0	nd	73%	nd	470	130	140
Toluene	1.0	nd	79%	nd	18	16	nd
Ethylbenzene	1.0	nd		nd	210	2,800	13
Xylenes	1.0	nd		nd	200	120	7.7
Surrogate recoveries:							
Trifluorotoluene		89%	112%	95%	C	103%	C
Bromofluorobenzene		82%	91%	87%	101%	102%	94%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

AAL Job Number: C61118-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 11/18/16

Analytical Results

NWTPH-Gx/BTEX		W-MW5	W-MW6	MS	MSD	RPD
Matrix	Water	Water	Water	Water	Water	Water
Date analyzed	Reporting Limits	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16
NWTPH-Gx, ug/L						
Mineral spirits/Stoddard	100	nd	nd			
Gasoline	100	2,100	nd			
BTEX 8021B, ug/L						
Benzene	1.0	250	nd	80%	79%	1%
Toluene	1.0	1.6	nd	83%	87%	4%
Ethylbenzene	1.0	5.6	nd			
Xylenes	1.0	2.1	nd			
Surrogate recoveries:						
Trifluorotoluene		C	100%	130%	127%	
Bromofluorobenzene		114%	99%	111%	119%	

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number:	C61118-2
Client:	Aerotech Environmental
Project Manager:	Nick Gerkin
Client Project Name:	Fife RV
Client Project Number:	na
Date received:	11/18/16

Analytical Results

NWTPH-Dx, mg/L		MTH BLK	W-MW1	W-MW2	W-MW3	W-MW4	W-MW5	W-MW6
Matrix	Water	Water	Water	Water	Water	Water	Water	Water
Date extracted	Reporting	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16
Date analyzed	Limits	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16	11/18/16
Kerosene/Jet fuel	0.20	nd	nd	nd	nd	nd	nd	nd
Diesel/Fuel oil	0.20	nd	nd	nd	nd	nd	nd	nd
Heavy oil	0.50	nd	nd	nd	nd	nd	nd	nd
Surrogate recoveries:								
Fluorobiphenyl		103%	101%	99%	98%	99%	101%	102%
o-Terphenyl		118%	111%	111%	109%	112%	114%	115%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
C - coelution with sample peaks
Acceptable Recovery limits: 70% TO 130%
Acceptable RPD limit: 30%

Advanced Analytical Laboratory
(425) 702-8571

AAL Job Number: C61118-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 11/18/16

Analytical Results

Metals Total (7010), mg/L		MTH BLK	LCS	W-MW1	W-MW2	W-MW3	W-MW4
Matrix	Water	Water	Water	Water	Water	Water	Water
Date extracted	Reporting	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16
Date analyzed	Limits	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16
Lead Total (Pb)	0.002	nd	107%	nd	nd	nd	nd

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 30%

AAL Job Number: C61118-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 11/18/16

Analytical Results

Metals Total (7010), mg/L		W-MW5	W-MW6	MS	MSD	RPD
Matrix	Water	Water	Water	Water	Water	Water
Date extracted	Reporting	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16
Date analyzed	Limits	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16
Lead Total (Pb)	0.002	nd	nd	106%	116%	9%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 30%

AAL Job Number: C61118-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 11/18/16

Analytical Results

Metals Dissolved (7010), mg/L		MTH BLK	LCS	W-MW1	W-MW2	W-MW3	W-MW4
Matrix	Water	Water	Water	Water	Water	Water	Water
Date extracted	Reporting	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16
Date analyzed	Limits	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16
Lead Dissolved (Pb)	0.002	nd	107%	nd	nd	nd	nd

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 30%

AAL Job Number: C61118-2
Client: Aerotech Environmental
Project Manager: Nick Gerkin
Client Project Name: Fife RV
Client Project Number: na
Date received: 11/18/16

Analytical Results

Metals Dissolved (7010), mg/L		W-MW5	W-MW6	MS	MSD	RPD
Matrix	Water	Water	Water	Water	Water	Water
Date extracted	Reporting	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16
Date analyzed	Limits	11/28/16	11/28/16	11/28/16	11/28/16	11/28/16
Lead Dissolved (Pb)	0.002	nd	nd	106%	116%	9%

Data Qualifiers and Analytical Comments
nd - not detected at listed reporting limits
na - not analyzed
Acceptable Recovery limits: 65% TO 135%
Acceptable RPD limit: 30%

LABORATORY CHAIN OF CUSTODY

ADVANCED ANALYTICAL

Chain of Custody Record

Page of

Laboratory Job #: C611182

2821 152 Avenue NE
Redmond, WA 98052
(425) 497-0110 fax: (425) 497-8089
aachemlab@yahoo.com

Client: Aerotech

Project Name: Fife RV

Project Manager: Nick Gerkin

Project Number: —

Address: 13925 Interurban Ave S, Tukwila, WA

Collector: Nick Gerkin

Phone: 206 482 2287 Fax:

Date of collection: 11/18/16

	Sample ID	Time	Matrix	Container type	8260 Volatiles	8021B Volatiles	BTEX	BTEX/NWTPH-Gx	NWTPH-Gx	NWTPH-Dx ext	NWTPH-HCID	8270 Semivolatiles	8270 PAH	8082 PCBs	8081 Pesticides	RCRA 8 Metals	Lead Total	Lead Diss.		Notes, comments	# of containers
1	W-MW1	0855	W	3x250	X			X		X							X	X			2
2	W-MW2	1105			X			X		X							X	X			
3	W-MW3	1135			X			X		X							X	X			
4	W-MW4	1135			X			X		X							X	X			
5	W-MW5	1000			X			X		X							X	X			
6	W-MW6	0925	↓	↓	X			X		X							X	X			↓
7																					
8																					
9																					
10																					
11																					
12																					

Relinquished by:	Date/Time	Received by:	Date/Time
	11/18/16 1325	T. Miller	11/18/16 13:30
Relinquished by:	Date/Time	Received by:	Date/Time

Sample receipt info:

Total # of containers:

Condition (temp. °C)

Seals (intact?, Y/N)

Comments:

Turnaround time:

Same day O

24 hr O

48 hr O

Standard X

LOW-FLOW GROUNDWATER SAMPLING STANDARD OPERATING PROCEDURE

AEROTECH
Environmental Consulting Inc.
13925 Interurban Avenue South, Suite No.210
Seattle, Washington 98168
(360)710-5899

2916 NW Bucklin Hill Road, Suite No.126
Silverdale, Washington 98383
(866) 800-4030

512 W. International Airport Road, Suite 201
Anchorage, Alaska 99518
(907) 575-6661

5319 SW Westgate Dr., Suite No.24
Portland, Oregon 97221
(503) 360-4701

LOW-FLOW GROUNDWATER SAMPLING STANDARD OPERATING PROCEDURE

The following protocol and sampling procedures were designed to meet or exceed standards for groundwater monitoring well sampling, as specified by the State of Washington Department of Ecology *"Standard Operating Procedures for Purging and Sampling Monitoring Wells, Version 1.0,"* dated and approved on October 4, 2011. These procedures are strictly adhered to by Aerotech field staff:

Cross-Contamination Mitigation Protocol

A sampling table is set up adjacent to the well head in order to protect field equipment from contact with the ground, to prevent or minimize the possible introduction of foreign materials into the wells, and in general in order to mitigate the possibility of cross-contamination. Where previous laboratory data is available, or where visual of olfactory indicators provide initial evidence, well sampling order is arranged to proceed with the least contaminated well, often the upgradient groundwater monitoring wells, and sampling order proceeds by sampling wells associated with successively higher contamination levels. Thus, the wells exhibiting the highest contamination levels are sampled last, in order to minimize the possibility of cross contamination.

A fresh pair of disposable Nitrile gloves is worn at each well. Equipment neither disposable nor dedicated to wells, is washed in a dedicated container prepared with non-phosphate Alconox detergent and triple rinsed in a second container prepared with distilled and/or deionized water. Surfaces that cannot be readily submerged for the purpose of decontamination, are sprayed with wash water followed by rinse water, and wiped with a fresh disposable paper towel. For shallow wells that require a peristaltic pump, dedicated tubing is left in each well after sampling, however, for deeper wells that require a submersible pump, dedicated tubing is recovered from wells after each use, and deployed to a designated dedicated clean plastic bag, bearing a label indicating well identification information.

Water Level Measurement

Prior to the well purge process and the collection of groundwater samples, groundwater levels are measured at the north side of the ("TOC") with a piezometer/water level indicator, by slowly lowering the sensor into wells prior to purging, in order to minimize disturbances. The water levels are measured twice, with tape a marked in 0.01 foot increments, in order to reduce possible reading error. Where appropriate, free product thickness is measured with gas level indicator paste or an interface indicator. Upon arrival, each well is visual inspected and the condition of the well and well head are noted.

Groundwater Monitoring Well Purge and Sampling Methodologies

Prior to groundwater sample collection, A dedicated length of high density polyethylene tubing is lowered into each well to a level near the middle of the screened interval. A dedicated length of clean silicone tubing is utilized within the pump mechanism. The wells are purged by means of low flow techniques, during which time groundwater is monitored for physical parameters, including temperature, pH, specific conductivity, dissolved oxygen (DO), and oxidation-reduction potential (ORP), by means of a multi-parameter device mounted upon a flow cell, until such time as values recorded have stabilized and equilibrium conditions are verified according to State guidelines. This protocol ensures that collected groundwater samples are representative of in-situ groundwater conditions. Readings are recorded once every 2 to 5 minutes, including water level measurement. The pumping rate shall remain below 1 L/min during monitoring and sampling procedures. This is verified by periodically filling a one-Liter graduated cylinder and recording the rate, adjusting the pump as necessary. The water column within the well should remain within 5% of the static height during the purge and sample process, if this cannot be achieved, the pump rate will be reduced until the water level stabilizes. The following conditions must be met in three consecutive readings prior to sampling:

• pH	+/- 0.1 standard units
• Specific Conductivity	+/- 10.0 mS/cm for values < 1,000 mS/cm +/- 20.0 mS/cm for values > 1,000 mS/cm
• DO	+/- 0.05 mg/L for values < 1 mg/L +/- 0.2 mg/L for values > 1 mg/L
• Temperature	+/- 0.1 degrees Celcius
• ORP	+/- 10 mV

Groundwater samples are collected in containers specified by the laboratory for the analyses established at the Site, and in accordance with State of Washington regulations or guidelines. Sample containers are labeled with site name, well identification, and date of collection information. Each sample is documented on a *Chain of Custody* (""COC") form, and immediately placed in an iced cooler (maintained at 4 degrees Celcius or less) for transport to a certified laboratory for analysis. Please note that any purge water suspected or confirmed to contain concentrations above the MTCA Cleanup Levels is drummed and left on Site

Please feel free to contact the Aerotech Geologist/Hydrogeologist, Mr. James McDermott, at (425) 686-0032, or the Aerotech Environmental Scientist/Field Sampling Coordinator, Mr. Nicholas Gerkin, at (206) 482-2287, if you have questions regarding work completed at this Site.

FIELD DOCUMENTATION

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ELEVATION SURVEY DATA

FIELD CREW: NAG & RW	PROJECT NAME: Fife RV Center
DATE: 11/11/16	PROJECT ADDRESS: 3410 Pacific Highway East, Fife, WA

RIM ELEVATION SURVEY RECORD

Elevation Survey Using Catch Basin (CB) Elevation as the known value (8 Feet Above MSL)

MW1 Station 1 Rim Elevation Survey	MW1 Measurement (H1) Feet 4.679	CB Measurement (H2) Feet 5.452	ΔH Feet 0.773	ΔH + CB Elevation (H2) Feet 8.773	MW1 Rim Elevation: 8.77
MW2 Station 1 Rim Elevation Survey	MW2 Measurement (H1) Feet 3.633	CB Measurement (H2) Feet 5.452	ΔH Feet 1.819	ΔH + CB Elevation (H2) Feet 9.819	MW2 Rim Elevation: 9.82
MW3 Station 1 Rim Elevation Survey	MW3 Measurement (H1) Feet 3.660	CB Measurement (H2) Feet 5.452	ΔH Feet 1.792	ΔH + CB Elevation (H2) Feet 9.792	MW3 Rim Elevation: 9.79
MW4 Station 1 Rim Elevation Survey	MW4 Measurement (H1) Feet 2.920	CB Measurement (H2) Feet 5.452	ΔH Feet 2.532	ΔH + CB Elevation (H2) Feet 10.532	MW4 Rim Elevation: 10.53

WELLHEAD ELEVATION SURVEY RECORD

Elevation Survey Using Catch Basin (CB) Elevation as the known value (8 Feet Above MSL)

MW1 Station 1 Rim Elevation Survey	MW1 Measurement (H1) Feet 5.080	CB Measurement (H2) Feet 5.452	ΔH Feet 0.372	ΔH + CB Elevation (H2) Feet 8.372	MW1 Calculated Wellhead Elevation: 8.37
MW1 Station 2 Rim Elevation Survey	MW1 Measurement (H1) Feet 4.891	CB Measurement (H2) Feet 5.261	ΔH Feet 0.370	ΔH + CB Elevation (H2) Feet 8.370	
MW1 Station 3 Rim Elevation Survey	MW1 Measurement (H1) Feet 5.060	CB Measurement (H2) Feet 5.432	ΔH Feet 0.372	ΔH + CB Elevation (H2) Feet 8.372	
MW2 Station 1 Rim Elevation Survey	MW2 Measurement (H1) Feet 4.040	CB Measurement (H2) Feet 5.452	ΔH Feet 1.412	ΔH + CB Elevation (H2) Feet 9.412	MW2 Calculated Wellhead Elevation: 9.40
MW2 Station 2 Rim Elevation Survey	MW2 Measurement (H1) Feet 3.860	CB Measurement (H2) Feet 5.261	ΔH Feet 1.401	ΔH + CB Elevation (H2) Feet 9.401	
MW2 Station 3 Rim Elevation Survey	MW2 Measurement (H1) Feet 4.032	CB Measurement (H2) Feet 5.432	ΔH Feet 1.400	ΔH + CB Elevation (H2) Feet 9.400	
MW3 Station 1 Rim Elevation Survey	MW3 Measurement (H1) Feet 4.020	CB Measurement (H2) Feet 5.452	ΔH Feet 1.432	ΔH + CB Elevation (H2) Feet 9.432	MW3 Calculated Wellhead Elevation: 9.43
MW3 Station 2 Rim Elevation Survey	MW3 Measurement (H1) Feet 3.834	CB Measurement (H2) Feet 5.261	ΔH Feet 1.427	ΔH + CB Elevation (H2) Feet 9.427	
MW3 Station 3 Rim Elevation Survey	MW3 Measurement (H1) Feet 3.994	CB Measurement (H2) Feet 5.432	ΔH Feet 1.438	ΔH + CB Elevation (H2) Feet 9.438	

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ELEVATION SURVEY DATA

FIELD CREW: NAG & RW	PROJECT NAME: Fife RV Center
DATE: 11/11/16	PROJECT ADDRESS: 3410 Pacific Highway East, Fife, WA

MW4 Station 1 Rim Elevation Survey	MW4 Measurement (H1) Feet 3.315	CB Measurement (H2) Feet 5.452	ΔH Feet 2.137	ΔH + CB Elevation (H2) Feet 10.137	**MW4 Calculated Wellhead Elevation: 10.12**
MW4 Station 2 Rim Elevation Survey	MW4 Measurement (H1) Feet 3.144	CB Measurement (H2) Feet 5.261	ΔH Feet 2.117	ΔH + CB Elevation (H2) Feet 10.117	
MW4 Station 3 Rim Elevation Survey	MW4 Measurement (H1) Feet 3.311	CB Measurement (H2) Feet 5.432	ΔH Feet 2.121	ΔH + CB Elevation (H2) Feet 10.121	
MW5 Station 1 Rim Elevation Survey	MW5 Measurement (H1) Feet 2.161	CB Measurement (H2) Feet 5.452	ΔH Feet 3.291	ΔH + CB Elevation (H2) Feet 11.291	**MW5 Calculated Wellhead Elevation: 11.27**
MW5 Station 2 Rim Elevation Survey	MW5 Measurement (H1) Feet 1.994	CB Measurement (H2) Feet 5.261	ΔH Feet 3.267	ΔH + CB Elevation (H2) Feet 11.267	
MW5 Station 3 Rim Elevation Survey	MW5 Measurement (H1) Feet 2.160	CB Measurement (H2) Feet 5.432	ΔH Feet 3.272	ΔH + CB Elevation (H2) Feet 11.272	
MW6 Station 1 Rim Elevation Survey	MW6 Measurement (H1) Feet 2.053	CB Measurement (H2) Feet 5.452	ΔH Feet 3.399	ΔH + CB Elevation (H2) Feet 11.399	**MW6 Calculated Wellhead Elevation: 11.40**
MW6 Station 2 Rim Elevation Survey	MW6 Measurement (H1) Feet 1.891	CB Measurement (H2) Feet 5.261	ΔH Feet 3.370	ΔH + CB Elevation (H2) Feet 11.370	
MW6 Station 3 Rim Elevation Survey	MW6 Measurement (H1) Feet 2.038	CB Measurement (H2) Feet 5.432	ΔH Feet 3.394	ΔH + CB Elevation (H2) Feet 11.394	

Wellhead Elevations were calculated by averaging the 2 nearest measurements within 0.005 feet of one another.

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GROUNDWATER MONITORING WELL GAUGING RECORD

FIELD CREW: NAG	**PROJECT NAME:** Fife RV Center
DATE: 11/18/16	**PROJECT ADDRESS:** 3410 Pacific Highway East, Fife, WA

Well ID	Time	Wellhead Elevation	Depth to Water	Groundwater Elevation	Depth of Well	Well Diameter	Comments
--	hh:mm	Feet Above MSL	Feet Below TOC	Feet Above MSL	Feet Below TOC	Inches	--
MW1	8:08	8.37	1.37	7.00	14.4	2	Well vaults, seals, bolts and plugs are in brand new condition.
MW2	8:13	9.40	2.53	6.87	14.2	2	Well vaults, seals, bolts and plugs are in brand new condition.
MW3	8:15	9.43	2.19	7.24	14.6	2	Well vaults, seals, bolts and plugs are in brand new condition.
MW4	8:17	10.12	3.31	6.81	14.5	2	Well vaults, seals, bolts and plugs are in brand new condition.
MW5	8:12	11.27	5.17	6.10	17.5	2	Well vaults, seals, bolts and plugs are in brand new condition.
MW6	8:11	11.40	4.72	6.68	17.5	2	Well vaults, seals, bolts and plugs are in brand new condition.

EXPLANATION
MSL = Mean Sea Level
TOC - Top of Casing

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GROUNDWATER MONITORING WELL
LOW FLOW SAMPLING FIELD LOG

FIELD CREW: NAG	**PROJECT NAME:** Fife RV Center
DATE: 11/18/16	**PROJECT ADDRESS:** 3410 Pacific Highway East, Fife, WA

MW-1

Time	DTW	Purge Rate	Temperature	Specific Conductivity	DO	pH	ORP
hr:min	feet	mL/min	°C	mS/cm	mg/L	unit	mV
08:08	1.37	--	--	--	--	--	--
08:40	1.92	225	14.6	0.70	0.72	6.79	266.7
08:42	1.93	225	14.7	0.73	0.58	6.78	275.0
08:44	1.94	225	14.3	0.73	0.51	6.77	274.5
08:46	1.94	225	14.6	0.73	0.48	6.75	273.0
08:48	1.94	225	14.5	0.74	0.46	6.74	273.0
08:50	1.94	225	14.6	0.74	0.45	6.74	274.1
Ecology Parameter Limits (3 Consecutive Readings)			+/- 0.1	+/- 0.1	+/- 0.05	+/- 0.1	+/- 10
08:55	SAMPLE	--	--	--	--	--	--

Comments:
Interface Probe was utilized on 11/30/16. No free product was detected.

MW-2

BIS684

Time	DTW	Purge Rate	Temperature	Specific Conductivity	DO	pH	ORP
hr:min	feet	mL/min	°C	mS/cm	mg/L	unit	mV
08:13	2.53	--	--	--	--	--	--
10:49	3.00	200	14.1	0.65	0.48	6.74	-195.1
10:51	3.07	200	14.1	0.66	0.39	6.74	-223.8
10:53	3.13	200	14.1	0.66	0.34	6.73	-235.6
10:55	3.18	200	14.0	0.66	0.35	6.73	-242.3
10:57	3.21	200	14.0	0.67	0.33	6.73	-246.1
10:59	3.22	200	14.1	0.67	0.31	6.73	-249.3
Ecology Parameter Limits (3 Consecutive Readings)			+/- 0.1	+/- 0.1	+/- 0.05	+/- 0.1	+/- 10
11:05	SAMPLE	--	--	--	--	--	--

Comments:
Interface Probe was utilized on 11/30/16. No free product was detected.

AEROTECH ENVIRONMENTAL CONSULTING

www. AerotechEnvironmental.com

GROUNDWATER MONITORING WELL LOW FLOW SAMPLING FIELD LOG

FIELD CREW: NAG	**PROJECT NAME:** Fife RV Center
DATE: 11/18/16	**PROJECT ADDRESS:** 3410 Pacific Highway East, Fife, WA

MW-3

Time	DTW	Purge Rate	Temperature	Specific Conductivity	DO	pH	ORP
hr:min	feet	mL/min	°C	mS/cm	mg/L	unit	mV
08:15	2.19	--	--	--	--	--	--
11:14	2.45	200	13.6	0.80	0.54	6.77	-154.8
11:16	2.48	200	14.0	0.80	0.32	6.78	-175.7
11:18	2.52	200	14.1	0.81	0.25	6.77	-200.7
11:20	2.55	200	14.2	0.81	0.26	6.77	-224.8
11:22	2.57	200	14.3	0.81	0.26	6.77	-237.4
11:24	2.59	200	14.3	0.81	0.25	6.77	-247.0
11:26	2.61	200	14.4	0.81	0.25	6.76	-252.8
11:28	2.63	200	14.4	0.81	0.24	6.76	-257.5
11:30	2.64	200	14.5	0.81	0.26	6.77	-260.5
Ecology Parameter Limits (3 Consecutive Readings)			+/- 0.1	+/- 0.1	+/- 0.05	+/- 0.1	+/- 10
11:35	SAMPLE	--	--	--	--	--	--

Comments:
Interface Probe was utilized on 11/30/16. No free product was detected.

MW-4

Time	DTW	Purge Rate	Temperature	Specific Conductivity	DO	pH	ORP
hr:min	feet	mL/min	°C	mS/cm	mg/L	unit	mV
08:17	3.31	--	--	--	--	--	--
10:19	3.69	200	13.7	0.634	0.38	6.68	-195.2
10:21	3.80	200	13.9	0.635	0.36	6.68	-213.1
10:23	3.86	200	13.7	0.635	0.35	6.66	-327.7
10:25	3.92	200	13.7	0.635	0.35	6.66	-243.9
10:27	3.98	200	13.7	0.636	0.34	6.67	-248.6
10:29	4.02	200	13.8	0.640	0.38	6.67	-250.9
Ecology Parameter Limits (3 Consecutive Readings)			+/- 0.1	+/- 0.1	+/- 0.05	+/- 0.1	+/- 10
10:35	SAMPLE	--	--	--	--	--	--

Comments:
Interface Probe was utilized on 11/30/16. No free product was detected.

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GROUNDWATER MONITORING WELL
LOW FLOW SAMPLING FIELD LOG

FIELD CREW: NAG	**PROJECT NAME:** Fife RV Center
DATE: 11/18/16	**PROJECT ADDRESS:** 3410 Pacific Highway East, Fife, WA

MW-5

Time	DTW	Purge Rate	Temperature	Specific Conductivity	DO	pH	ORP
hr:min	feet	mL/min	°C	mS/cm	mg/L	unit	mV
08:12	5.17	--	--	--	--	--	--
09:48	5.68	225	13.5	0.540	0.28	6.82	-248.4
09:50	5.70	225	13.4	0.561	0.27	6.79	-255.8
09:52	5.72	225	13.5	0.569	0.26	6.79	-260.1
09:54	5.74	225	13.5	0.594	0.25	6.77	-263.0
09:56	5.75	225	13.5	0.592	0.27	6.77	-265.6
Ecology Parameter Limits (3 Consecutive Readings)			**+/- 0.1**	**+/- 0.1**	**+/- 0.05**	**+/- 0.1**	**+/- 10**
10:00	**SAMPLE**	--	--	--	--	--	--

Comments:
Interface Probe was utilized on 11/30/16. No free product was detected.

MW-6

Time	DTW	Purge Rate	Temperature	Specific Conductivity	DO	pH	ORP
hr:min	feet	mL/min	°C	mS/cm	mg/L	unit	mV
08:11	4.72	--	--	--	--	--	--
09:12	5.11	275	13.3	0.461	0.29	6.94	-224.4
09:14	5.24	275	13.3	0.453	0.25	6.92	-237.9
09:16	5.31	275	13.2	0.449	0.22	6.91	-242.5
09:18	5.34	275	13.0	0.448	0.22	6.91	-245.2
09:20	5.35	275	13.4	0.446	0.18	6.92	-245.1
09:22	5.35	275	13.3	0.446	0.17	6.91	-244.9
09:24	5.35	275	13.3	0.446	0.18	6.91	-244.6
Ecology Parameter Limits (3 Consecutive Readings)			**+/- 0.1**	**+/- 0.1**	**+/- 0.05**	**+/- 0.1**	**+/- 10**
09:25	**SAMPLE**	--	--	--	--	--	--

Comments:
Interface Probe was utilized on 11/30/16. No free product was detected.

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FREE PRODUCT
GAUGING RECORD

FIELD CREW: NAG	**PROJECT NAME:** Fife RV Center
DATE: 11/30/16	**PROJECT ADDRESS:** 3410 Pacific Highway East, Fife, WA

Well ID	Time	Depth to NAPL	Depth to Water	NAPL Thickness	Depth of Well	Well Diameter	Comments
--	hh:mm	Feet Below TOC	Feet Below TOC	Feet Above MSL	Feet Below TOC	Inches	--
MW1	15:55	ND	1.46	0.00	14.40	2	Well vaults, seals, bolts and plugs are in brand new condition.
MW2	16:04	ND	2.70	0.00	14.20	2	Well vaults, seals, bolts and plugs are in brand new condition.
MW3	16:06	ND	2.33	0.00	14.60	2	Well vaults, seals, bolts and plugs are in brand new condition.
MW4	16:03	ND	3.48	0.00	14.50	2	Well vaults, seals, bolts and plugs are in brand new condition.
MW5	16:00	ND	5.30	0.00	17.50	2	Well vaults, seals, bolts and plugs are in brand new condition.
MW6	15:57	ND	4.89	0.00	17.50	2	Well vaults, seals, bolts and plugs are in brand new condition.

EXPLANATION

NAPL - Non-Aqueous Phase Liquid
TOC - Top of Casing
ND - Not Detected