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ADMINISTRATIVE

January 27, 2016
G-Logics Project Number 01-1039-A

Truck Town Inc.
Mr. Brian Rogers
465 SE 5th Street
North Bend, WA 98045-7996

Subject: Groundwater-Sampling Report, January 2016
Facility/Site No. 28995469
VCP Project No. CE0411
Cleanup Site ID No. 12353
Horse Heaven Hills Travel Plaza
101 Merlot Dr.
Prosser, WA 99350

Dear Mr. Rogers:

G-Logics was authorized by Truck Town Inc. (Truck Town) to conduct well resampling at the subject property (Figures 1 and 2). G-Logics performed the sampling as described in the Ecology-approved workplan (Blue Mountain Workplan, dated May 6, 2015; approved by Ecology on August 27, 2015, letter to Miss Carrie Pederson of PLIA), with the following modifications.

- **Section 4.1.3** – Well-sampling was conducted using a peristaltic pump and dedicated tubing.
- **Section 4.1.3** – Approximately 3-5 well volumes were removed prior to sampling. Measurement of groundwater parameters (e.g., pH) was not conducted.

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01-1039-A-RT1

1.0 Background

In 2013 and 2014, site investigations conducted by Blue Mountain Environmental and Consulting (BMEC) discovered shallow, petroleum impacted soils and groundwater below several fuel dispensers located in the truck fueling area. In March 2014, approximately “30,000 cubic feet” of soil was excavate from this area, and disposed at Anderson Rock and Gravel in Yakima. Seven monitoring wells were installed in August 2014.

Using the completed monitoring wells, five quarters of groundwater sampling have been completed by BMEC. The site was entered into the Washington State Department of Ecology (Ecology) Voluntary Cleanup Program (VCP) in August 2015 (VCP # CE0411).

1.1 Regulatory Background

The rules that guide the cleanup process at sites within Washington are known as the Model Toxics Control Act (MTCA) Cleanup Regulation, which is administered by the Washington Department of Ecology (Ecology). Soil and groundwater Cleanup Levels promulgated under MTCA are often used as standards for deciding when additional investigation or cleanup is appropriate. For this project, we have compared analytical laboratory results to published MTCA Method A Cleanup Levels for groundwater.

2.0 Groundwater Sampling

Seven groundwater-monitoring wells (MW-1 through MW-7, Figure 2) were resampled on January 5/6, 2016 to obtain updated information regarding groundwater contaminants. During sampling, six wells were found to have broken or missing monument lids (Photos 1 through 4). Several of the monuments were also found to contain ice, which needed to be removed prior to sampling (Photo 2).

Eight groundwater samples were collected (including a field duplicate) from the seven wells. Collected samples from each well were submitted to the analytical laboratory (ALS Environmental, Everett Washington). These eight water samples were analyzed for diesel and oil range organics (DRO/ORO) by Ecology Method NWTPH-Dx, and BTEX (benzene, toluene, ethylbenzene, and xylenes) compounds by EPA Method 8021B.

2.1 Analytical Results

In the analyzed samples, DRO was detected in MW-2, MW-3, MW-5, and MW-6, but at concentrations below MTCA Method A Cleanup Levels. ORO and BTEX were not detected in any groundwater samples (Table 1).

Field exploration methods are described in Appendix A. Groundwater analytical laboratory reports and completed chain-of-custody forms are attached as Appendix B.

2.2 Quality Assurance/Quality Control Findings

Quality Assurance/Quality Control (QA/QC) included generally accepted procedures for sample collection, storage, tracking, documentation, and analysis. All sampling equipment was washed with a liquinox wash and distilled water rinse before the collection of the samples. All samples were labeled with a sample number, date, time, and sampler name, and were stored in an ice chest containing frozen blue ice. Appropriate chain-of-custody documentation was completed.

Laboratory duplicate samples, as well as one blind-duplicate groundwater sample (MW-2), were analyzed for data repeatability. The detected concentrations were within acceptable limits for laboratory-repeatability information. The laboratory also conducted matrix spike, matrix-spike duplicate, and method blank analyses. Laboratory QA/QC information is included (with the laboratory report) in Appendix B.

2.3 Purge Water Disposal

Seven 55-gallon drums (six from previous sampling events) of well-purge water are stored on the property see (Photos 5 and 6, location shown on Figure 2). Following the January 2016 sampling event, Oil Re-Refining Company, Inc. (ORRCA) was retained by G-Logics to test, pump, and treat this Investigation Derived Waste (IDW) water. Documentation regarding the disposal of this IDW will be presented in the next quarterly report.

3.0 Groundwater-Depth Measurements

Groundwater depths in the seven wells, as measured on January 6, 2016, are presented in Table 2 of this report. Depth measurements were made from the top of the PVC well casing, prior to well purging and sampling.

Groundwater was found at depths ranging from 6.22 to 9.12 feet below top of PVC casing. Depth to groundwater in MW-6 was found to be approximately 2.5 feet deeper relative to other monitoring wells in the same area.

4.0 Groundwater-Sampling Findings

The analytical and groundwater-elevation information from the five previous groundwater-sampling events (conducted by Blue Mountain) and the current event conducted by G-Logics are tabulated in Tables 1 and 2, respectively. G-Logics interpretations of this data (DRO concentrations and groundwater-flow directions) are presented on Figures 3a through 3f.

4.1 Groundwater-Flow Directions

Based on the compiled information, groundwater elevations are found to increase during the spring and summer months and decrease throughout the fall and winter. This is believed to be due to water being released into irrigation systems and fields during the spring and summer months, resulting in these seasonal variations. With all sampling events, groundwater-flow directions have been consistently to the south, southeast. Also, in the fall and winter months, there is a significantly steeper hydraulic gradient in the area of MW-6.

4.2 Contaminant Concentrations

Reviewing collected analytical data, DRO concentrations have significantly decreased since completion of the remedial excavation. Additionally, these concentrations have remained low beginning with the sampling conducted in November 2014. For the last two sampling events (August 2015 and January 2016), all DRO concentrations were below MTCA cleanup levels. BTEX compounds remain undetected.

5.0 Recommendations

The following section presents our recommendations for this project.

- Install three groundwater-monitoring wells on the subject property to further assess the extent of DRO contaminants. These wells would satisfy Ecology's requirements, as presented in their opinion letter dated December 7, 2015. A workplan will be prepared by G-Logics that will describe this planned work.
- Resample both existing and newly-installed wells in three months (April 2016).

- Analyze groundwater samples for DRO and BTEX.
- Conduct an elevation survey of the new and existing wells.
- Replace up to six 12-inch monument lids, seals, and bolts as needed.
- Remove and manage the generated IDW (purge water).

6.0 Limitations

Our scope of work was limited to those items specifically identified in this report. Other activities not specifically included in the presented scope of work are excluded and are therefore not part of our services.

Land use, site conditions (both on-site and off-site), and other factors will change over time. Since site activities and regulations beyond our control could change at any time after the completion of this report, our observations, findings, and opinions can be considered valid only as of the date of the site sampling.

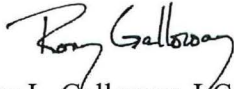
This report is prepared for the sole use of our client. The scope of services performed during this assessment may not be appropriate for the needs of other users. Re-use of this document or the findings, conclusions, or recommendations presented herein, are at the sole risk of said user(s). Any party other than our client who would like to use this report shall notify G-Logics of such intended use by executing the "Permission and Conditions for Use and Copying" contained in this document. Based on the intended use of the report, G-Logics may require that additional work be performed and that an updated report be issued. Non-compliance with any of these requirements will release G-Logics from any liability resulting from the use of this report by any unauthorized party.

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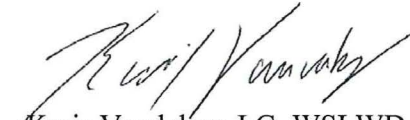
7.0 Closing

We appreciate this opportunity to provide our services on this project. Please contact us at your convenience with any questions regarding our work or findings.

Sincerely,
G-Logics, Inc.



Rory L. Galloway, LG, LHG
Principal



Karis Vandehey, LG, WSLWD
Staff Geologist

cc Peter Hapke
Annica Brown
Peter Trabusiner

FIGURES

Figure 1:	Site Location Maps
Figure 2:	Site Diagram, Well Locations
Figure 3a	Groundwater Elevation and DRO Concentrations (8/15/2014)
Figure 3b	Groundwater Elevation and DRO Concentrations (11/24/2014)
Figure 3c	Groundwater Elevation and DRO Concentrations (2/11/2015)
Figure 3d	Groundwater Elevation and DRO Concentrations (5/6/2015)
Figure 3e	Groundwater Elevation and DRO Concentrations (8/11/2015)
Figure 3f	Groundwater Elevation and DRO Concentrations (1/6/2016)

TABLES

Table 1	Groundwater Sample Analysis
Table 2	Groundwater Elevation Measurements

PHOTOGRAPHS

APPENDICES

Appendix A:	Field Exploration Methods
Appendix B:	Laboratory Data and Chain-of-Custody Documents

ATTACHMENTS

Attachment A:	Permission and Conditions for Use and Copying
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REFERENCES

Groundwater Monitoring Well Sampling Report. Prepared by Blue Mountain Environmental and Consulting Co, Inc., dated August 31, 2015

Groundwater Monitoring Well Sampling Report. Prepared by Blue Mountain Environmental and Consulting Co, Inc., dated June 2, 2015

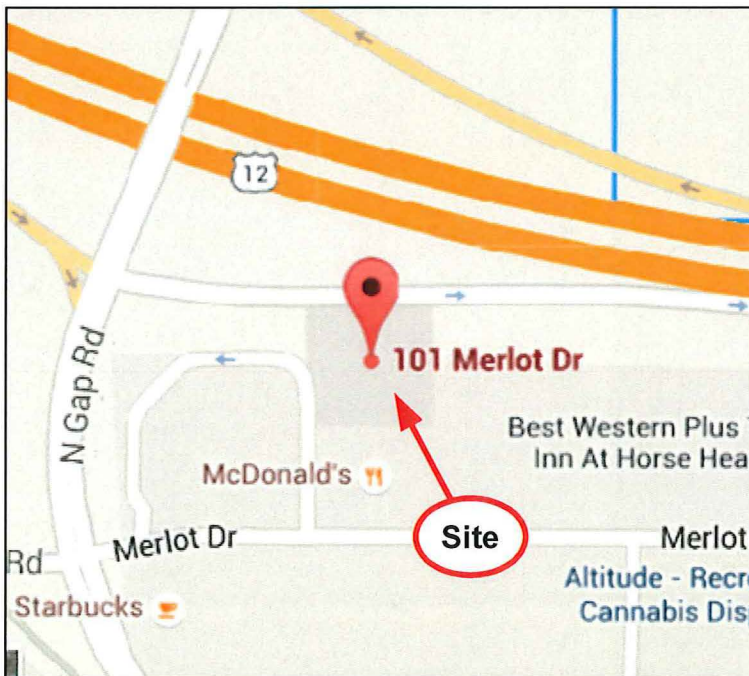
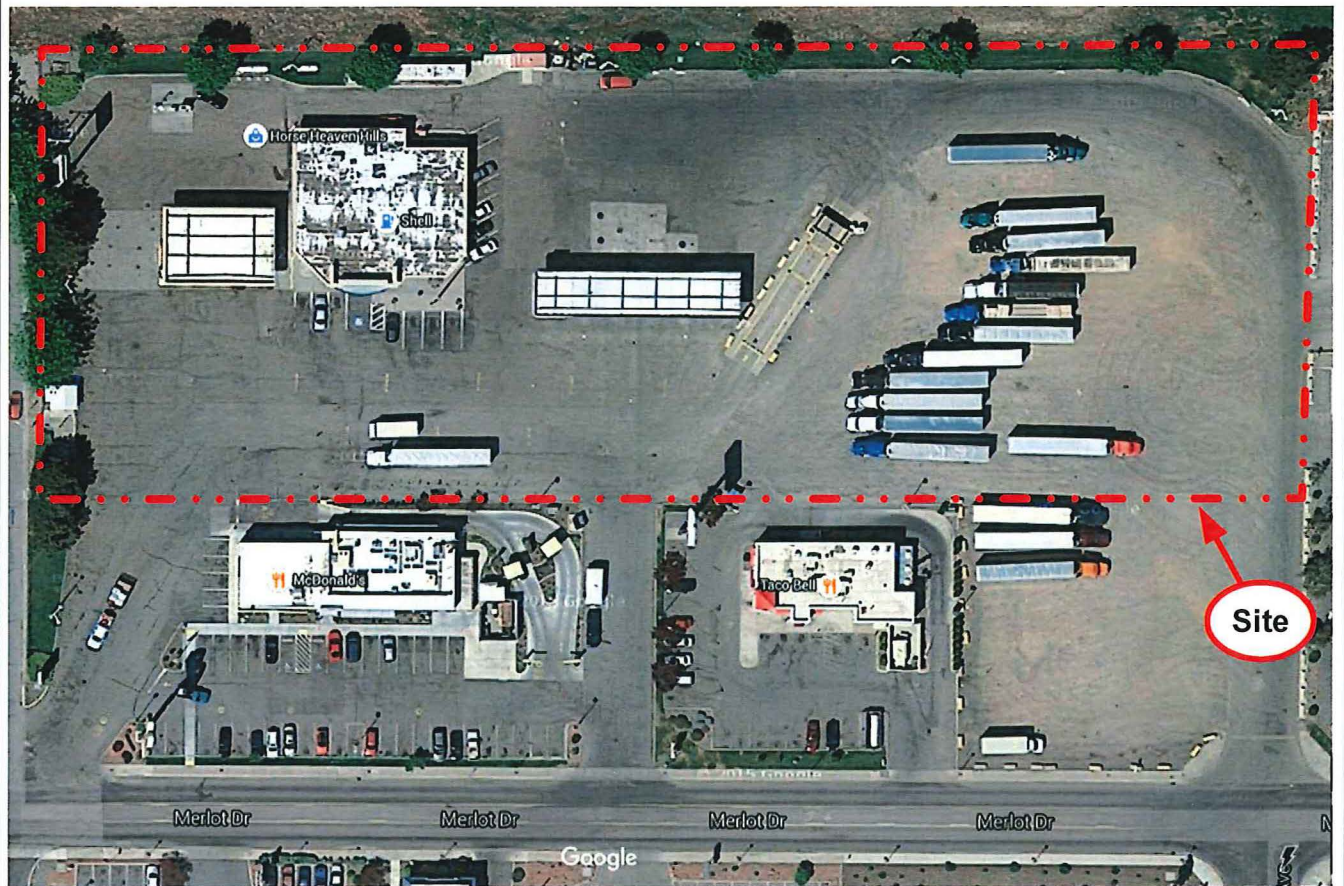
Work Plan, Additional Delineation of Petroleum Hydrocarbons in the Vadose Zone Soils and Shallow Groundwater. Prepared by Blue Mountain Environmental and Consulting Co, Inc., dated May 6, 2015

Groundwater Monitoring Well Sampling Report. Prepared by Blue Mountain Environmental and Consulting Co, Inc., dated March 6, 2015

Groundwater Investigation Report. Prepared by Blue Mountain Environmental and Consulting Co, Inc., dated September 2, 2014

Washington Department of Ecology (Ecology), *The Model Toxics Control Act Cleanup Regulation*, chapter 173-340 WAC: Washington State Department of Ecology Publication No 94-06, Amended November, 2007, Revised 2013

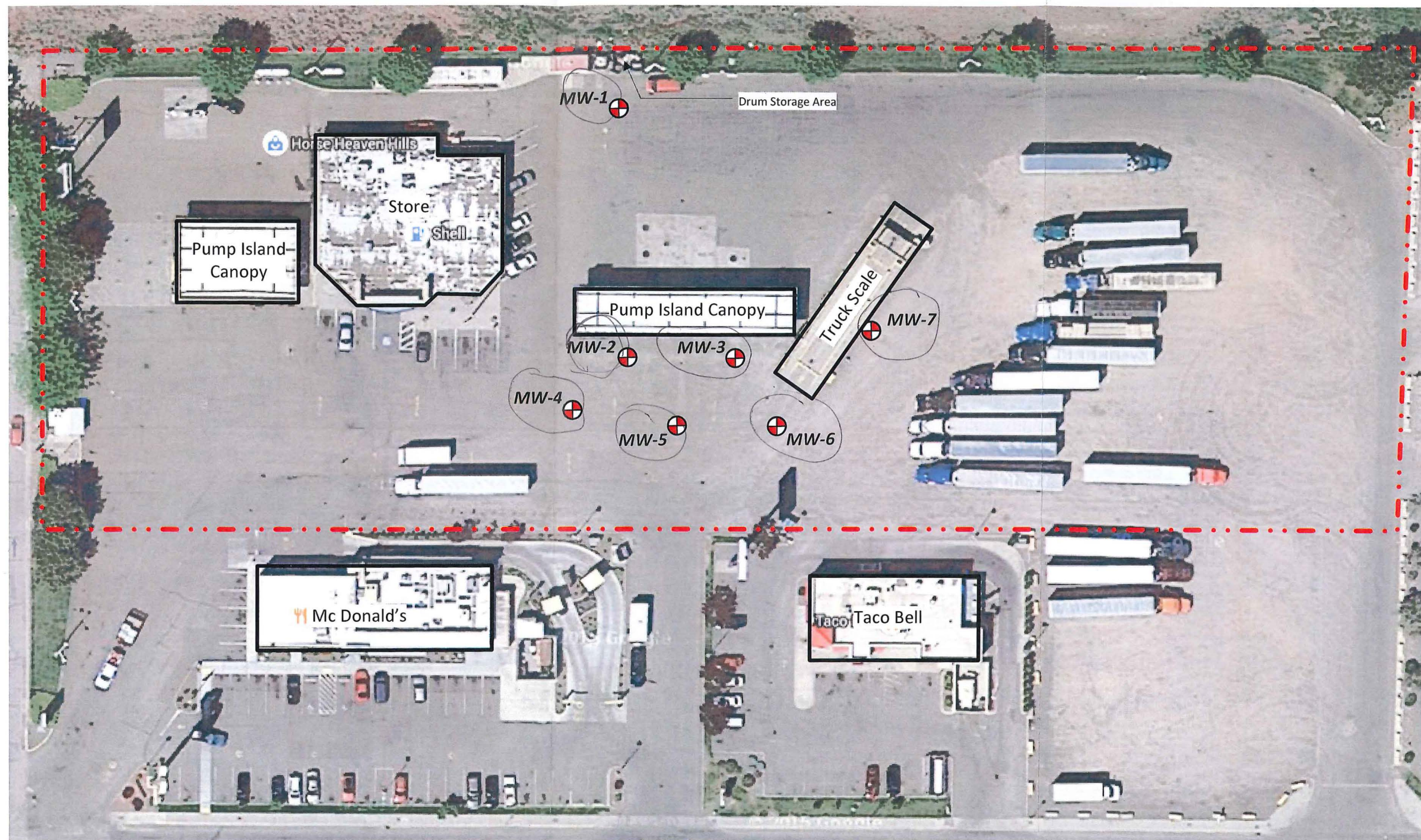
FIGURES



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Site Location Maps
Horse Heaven Hills Travel Plaza
101 Merlot Drive
Prosser, WA

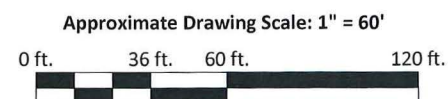
Figure
1



g-logics

Legend

- . - . - Understood Property Boundary
- Building Footprint
- ⊕ MW-1 BME Well (August 2014)



Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Site Diagram, Well Locations
Horse Heaven Hills Travel Plaza
101 Merlot Drive
Prosser, Washington

Figure
2



Legend

- Understood Property Boundary
- Building Footprint
- MW-1**
95.82' **BME Well (August 2014)**
Elevation
- 95.5' Inferred groundwater elevation contour
(arbitrary datum)
- Inferred groundwater flow direction

Analytical Results

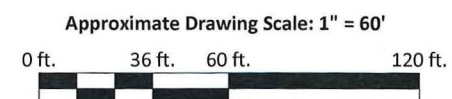
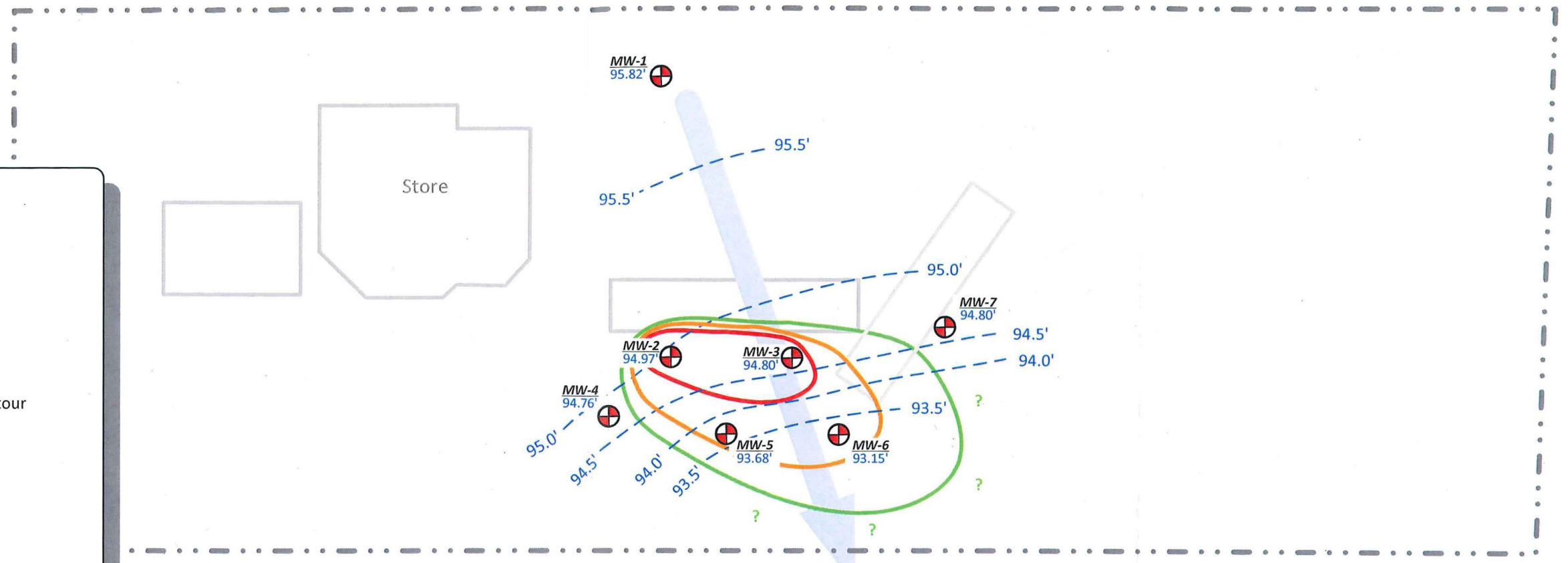
Well	DRO
MW-1	nd
MW-2	12,000
MW-3	10,000
MW-4	150
MW-5	1,100
MW-6	2,600
MW-7	360

Bold = Detected

Bold = > MTCA Cleanup

nd = Not Detected

- Inferred DRO Concentration >10,000 (ug/L)
- Inferred DRO Concentration >1000 (ug/L)
- Inferred DRO Concentration >500 (ug/L)



Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Groundwater Elevation and DRO Concentrations (8/15/2014)
Horse Heaven Hills Travel Plaza
101 Merlot Drive
Prosser, Washington

Figure
3a



Legend

- Understood Property Boundary
- Building Footprint
- MW-1**
92.94' **BME Well (August 2014)**
Elevation
- 92.5' Inferred groundwater elevation contour (arbitrary datum)
- Inferred groundwater flow direction

Analytical Results

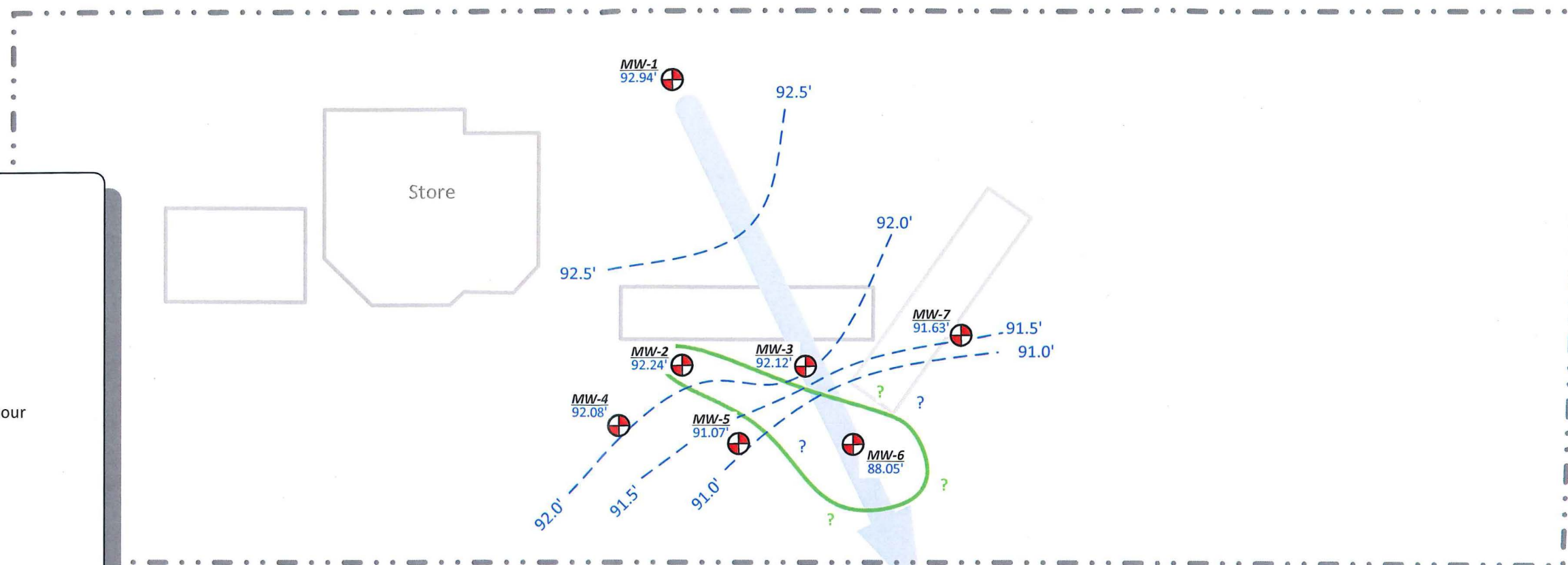
Well	DRO
MW-1	nd
MW-2	570
MW-3	400
MW-4	nd
MW-5	410
MW-6	920
MW-7	nd

Bold = Detected

Bold = > MTCA Cleanup

nd = Not Detected

- Inferred DRO Concentration >10,000 (ug/L)
- Inferred DRO Concentration >1000 (ug/L)
- Inferred DRO Concentration >500 (ug/L)



Approximate Drawing Scale: 1" = 60'
0 ft. 36 ft. 60 ft. 120 ft.

Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Groundwater Elevation and DRO Concentrations (11/24/2014)
Horse Heaven Hills Travel Plaza
101 Merlot Drive
Prosser, Washington

Figure
3b



Legend

- Understood Property Boundary
- Building Footprint
- MW-1**
92.74' **BME Well (August 2014)**
Elevation
- 92.5' Inferred groundwater elevation contour (arbitrary datum)
- Inferred groundwater flow direction

Analytical Results

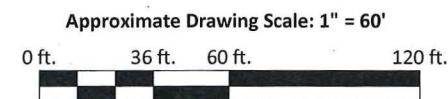
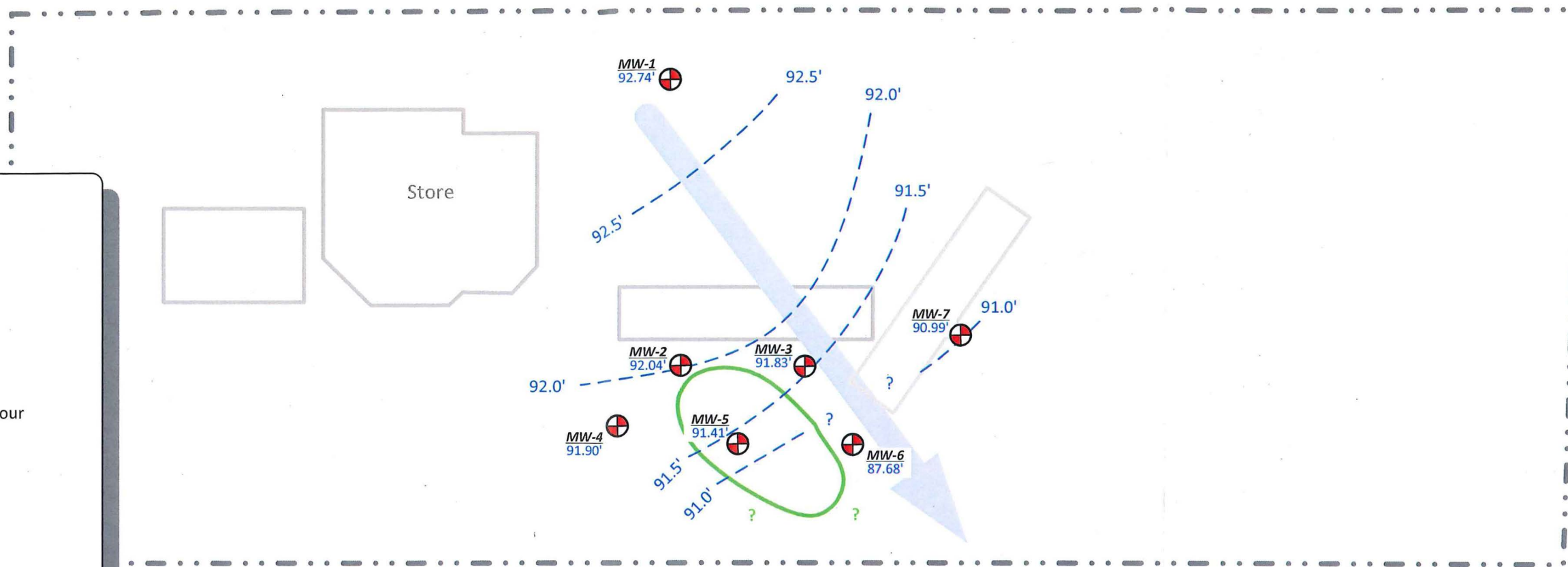
Well	DRO
MW-1	nd
MW-2	400
MW-3	340
MW-4	nd
MW-5	730
MW-6	370
MW-7	nd

Bold = Detected

Bold = > MTCA Cleanup

nd = Not Detected

- Inferred DRO Concentration >10,000 (ug/L)
- Inferred DRO Concentration >1000 (ug/L)
- Inferred DRO Concentration >500 (ug/L)





Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Groundwater Elevation and DRO Concentrations (2/11/2015)
Horse Heaven Hills Travel Plaza
101 Merlot Drive
Prosser, Washington

Figure
3c



Legend

- Understood Property Boundary
- Building Footprint
-  **MW-1**
95.25' **BME Well (August 2014)**
Elevation
- 94.5' Inferred groundwater elevation contour
(arbitrary datum)
-  Inferred groundwater flow direction

Analytical Results

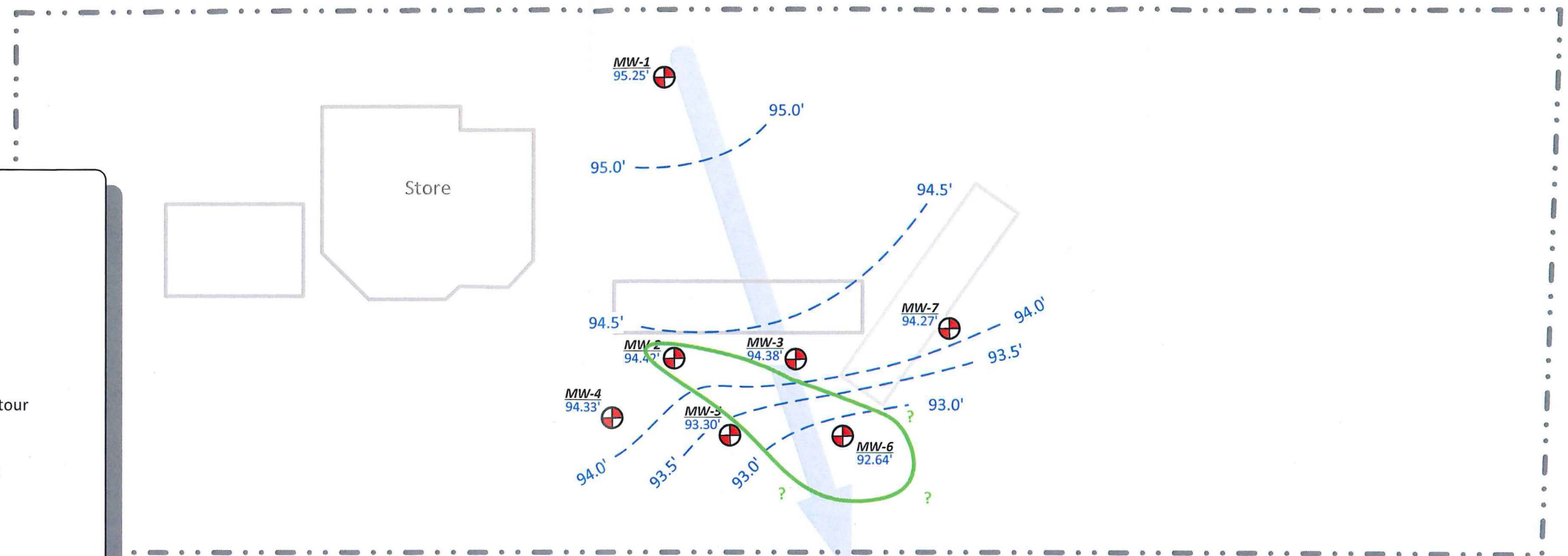
Well	DRO
MW-1	nd
MW-2	780
MW-3	370
MW-4	nd
MW-5	460
MW-6	840
MW-7	nd

Bold = Detected

Bold = > MTCA Cleanup

nd = Not Detected

-  Inferred DRO Concentration >10,000 (ug/L)
-  Inferred DRO Concentration >1000 (ug/L)
-  Inferred DRO Concentration >500 (ug/L)



Approximate Drawing Scale: 1" = 60'
0 ft. 36 ft. 60 ft. 120 ft.

Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Groundwater Elevation and DRO Concentrations (5/6/2015)
Horse Heaven Hills Travel Plaza
101 Merlot Drive
Prosser, Washington

Figure
3d



Legend

- Understood Property Boundary
- Building Footprint
- MW-1**
95.85' **BME Well (August 2014)**
Elevation
- 95.5' Inferred groundwater elevation contour
(arbitrary datum)
- Inferred groundwater flow direction

Analytical Results

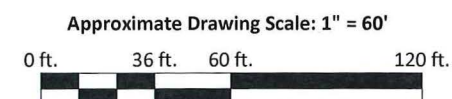
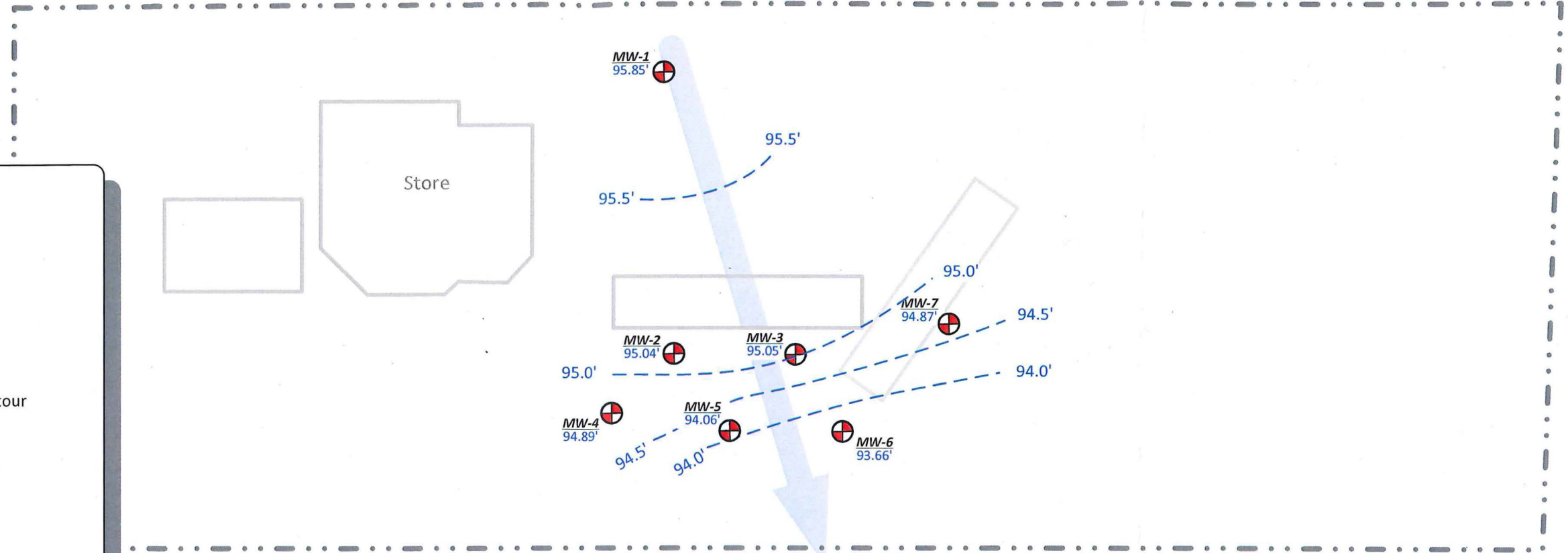
Well	DRO
MW-1	nd
MW-2	260
MW-3	nd
MW-4	nd
MW-5	160
MW-6	nd
MW-7	nd

Bold = Detected

Bold = > MTCA Cleanup

nd = Not Detected

- Inferred DRO Concentration >10,000 (ug/L)
- Inferred DRO Concentration >1000 (ug/L)
- Inferred DRO Concentration >500 (ug/L)



Note: This figure contains information in color. Black & white photocopies may not be suitable for review.

Groundwater Elevation and DRO Concentrations (8/11/2015)
Horse Heaven Hills Travel Plaza
101 Merlot Drive
Prosser, Washington

Figure
3e



Legend

- Understood Property Boundary
- Building Footprint
- MW-1**
92.75' **BME Well (August 2014)**
Elevation
- 92.5' Inferred groundwater elevation contour (arbitrary datum)
- Inferred groundwater flow direction

Analytical Results

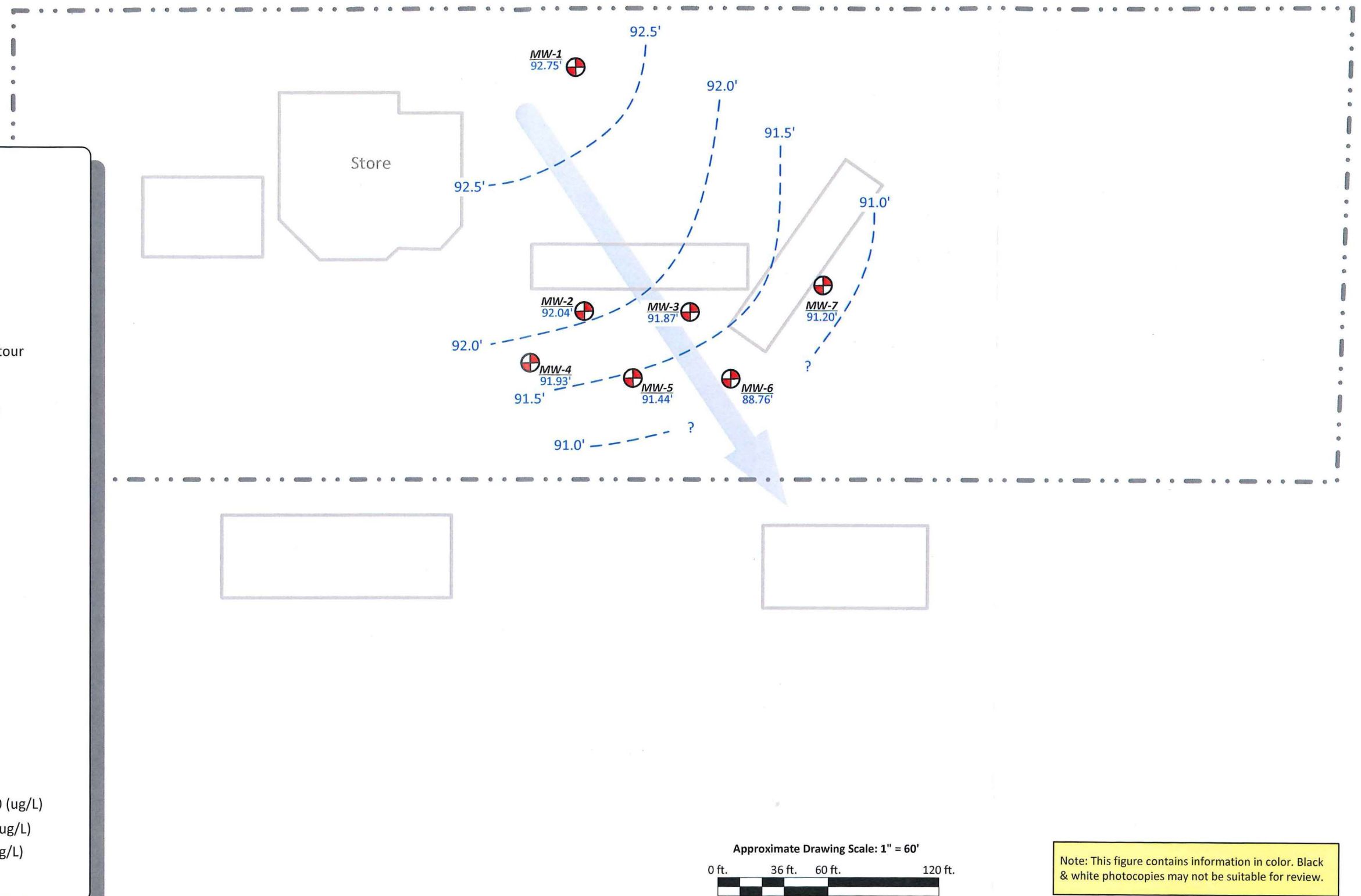
Well	DRO
MW-1	nd
MW-2	380
MW-3	280
MW-4	nd
MW-5	480
MW-6	460
MW-7	nd

Bold = Detected

Bold = > MTCA Cleanup

nd = Not Detected

- Inferred DRO Concentration >10,000 (ug/L)
- Inferred DRO Concentration >1000 (ug/L)
- Inferred DRO Concentration >500 (ug/L)



Approximate Drawing Scale: 1" = 60'
0 ft. 36 ft. 60 ft. 120 ft.

Groundwater Elevation and DRO Concentrations (1/6/2016)
Horse Heaven Hills Travel Plaza
101 Merlot Drive
Prosser, Washington

Figure
3f

TABLES

TABLE 1
Groundwater Sample Analysis (1)
101 Merlot Drive, Prosser, WA

Exploration Location	Sample Date	Sample Number	Diesel Range Organics		Heavy Oil Range Organics		Benzene	Toluene	Ethylbenzene	Xylenes
			NWTPH-Dx/Dx Ext.		EPA Method 8021					
(units in µg/L)			NWTPH-Dx/Dx Ext.		EPA Method 8021					
MW-1	8/15/2014	MW-1-8/15/14	nd	nd	nd	nd	nd	nd	nd	
	11/24/2014	Not Provided	nd	nd	nd	nd	nd	nd	nd	
	2/11/2015	MW-1-2-11-14	nd	nd	nd	nd	nd	nd	nd	
	5/6/2015	MW-1-5-6-15	nd	nd	nd	nd	nd	nd	nd	
	8/11/2015	8-11-MW1-01	nd	nd	nd	nd	nd	nd	nd	
	1/5/2016	MW-1	nd	nd	nd	nd	nd	nd	nd	
MW-2	8/15/2014	MW-2-8/15/14	12,000	nd	nd	1.4	nd	nd	nd	
	11/24/2014	Not Provided	570	nd	nd	nd	nd	nd	nd	
	2/11/2015	MW-2-2-11-14	400	nd	nd	nd	nd	nd	nd	
	5/6/2015	MW-2-5-6-15	780	nd	nd	nd	nd	nd	nd	
	8/11/2015	8-11-MW2-02	260	nd	nd	nd	nd	nd	nd	
	1/5/2016	MW-2	380	nd	nd	nd	nd	nd	nd	
	1/5/2016	MW-A blind dup	320	nd	nd	nd	nd	nd	nd	
MW-3	8/15/2014	MW-3-8/15/14	10,000	nd	nd	nd	nd	nd	nd	
	11/24/2014	Not Provided	400	nd	nd	nd	nd	nd	nd	
	2/11/2015	MW-3-2-11-14	340	nd	nd	nd	nd	nd	nd	
	5/6/2015	MW-3-5-6-15	370	nd	nd	nd	nd	nd	nd	
	8/11/2015	8-11-MW3-03	nd	nd	nd	nd	nd	nd	nd	
	1/6/2016	MW-3	280	nd	nd	nd	nd	nd	nd	
MW-4	8/15/2014	MW-4-8/15/14	150	nd	nd	nd	nd	nd	nd	
	11/24/2014	Not Provided	nd	nd	nd	nd	nd	nd	nd	
	2/11/2015	MW-4-2-11-14	nd	nd	nd	nd	nd	nd	nd	
	5/6/2015	MW-4-5-6-15	nd	nd	nd	nd	nd	nd	nd	
	8/11/2015	8-11-MW4-04	nd	nd	nd	nd	nd	nd	nd	
	1/5/2016	MW-4	nd	nd	nd	nd	nd	nd	nd	
MW-5	8/15/2014	MW-5-8/15/14	1,100	nd	nd	nd	nd	nd	nd	
	11/24/2014	Not Provided	410	nd	nd	nd	nd	nd	nd	
	2/11/2015	MW-5-2-11-14	730	nd	nd	nd	nd	nd	nd	
	5/6/2015	MW-5-5-6-15	460	nd	nd	nd	nd	nd	nd	
	8/11/2015	8-11-MW5-05	160	nd	nd	nd	nd	nd	nd	
	1/6/2016	MW-5	480	nd	nd	nd	nd	nd	nd	

TABLE 1
Groundwater Sample Analysis (1)
101 Merlot Drive, Prosser, WA

Exploration Location	Sample Date	Sample Number	Diesel Range Organics	Heavy Oil Range Organics	Benzene	Toluene	Ethylbenzene	Xylenes
(units in µg/L)			NWTPH-Dx/Dx Ext.		EPA Method 8021			
MW-6	8/15/2014	MW-6-8/15/14	2,600	1,200	nd	nd	nd	nd
	11/24/2014	Not Provided	920	nd	nd	nd	nd	nd
	2/11/2015	MW-6-2-11-14	370	nd	nd	nd	nd	nd
	5/6/2015	MW-6-5-6-15	840	nd	nd	nd	nd	nd
	8/11/2015	8-11-MW6-06	nd	nd	nd	nd	nd	nd
	1/6/2016	MW-6	460	nd	nd	nd	nd	nd
MW-7	8/15/2014	MW-7-8/15/14	360	nd	nd	nd	nd	nd
	11/24/2014	Not Provided	nd	nd	nd	nd	nd	nd
	2/11/2015	MW-7-2-11-14	nd	nd	nd	nd	nd	nd
	5/6/2015	MW-7-5-6-15	nd	nd	nd	nd	nd	nd
	8/11/2015	8-11-MW7-07	nd	nd	nd	nd	nd	nd
	1/6/2016	MW-7	nd	nd	nd	nd	nd	nd
Reporting Limits			<130	<250	1	1	1	3
MTCA Cleanup Level (2)			500	500	5	1,000	700	1,000

Notes: Refer to site diagrams for sampling locations.

(1) See attached lab reports for analytical methods.

(2) Available Method A Cleanup Levels, MTCA, Amendments adopted in November 2013.

Exceeding Cleanup Levels does not necessarily trigger requirements for Cleanup Actions under MTCA.

nd Not detected at laboratory reporting limit.

--- Not Analyzed.

dup Duplicate Sample for QA/QC.

blind dup Blind Duplicate Sample for QA/QC

460 Bold Number(s) Indicates Contaminant Detected.

730 Bold Number and Yellow Shading Indicates Concentration Exceeds MTCA Cleanup Level Defined in Footnote 2.

Important Note: This Table Contains Information in color.
 Black & white photocopies may not be suitable for review

TABLE 2

Groundwater Elevation Measurements
101 Merlot Drive, Prosser, Washington

Well Designation	Well Installation Date	Elevation Top of PVC Casing (ft.)*	Depth to Top of Screen (ft.)	Depth to Bottom of Screen (ft.)	Well Diam. (in.)	Date Measured	Depth to Water (ft.)	Calculated GW Elevations (ft.)
MW-01	8/13/2014	99.04	5	17	2	8/15/2014	3.22	95.82
						11/24/14	6.10	92.94
						2/11/15	6.30	92.74
						5/6/15	3.79	95.25
						8/11/15	3.19	95.85
						1/6/16	6.29	92.75
MW-02	8/13/2014	98.76	5	17	2	8/15/2014	3.79	94.97
						11/24/14	6.52	92.24
						2/11/15	6.72	92.04
						5/6/15	4.34	94.42
						8/11/15	3.72	95.04
						1/6/16	6.72	92.04
MW-03	8/14/2014	98.13	5	20	2	8/15/2014	3.33	94.80
						11/24/14	6.01	92.12
						2/11/15	6.30	91.83
						5/6/15	3.75	94.38
						8/11/15	3.08	95.05
						1/6/16	6.26	91.87
MW-04	8/14/2014	98.29	5	17	2	8/15/2014	3.53	94.76
						11/24/14	6.21	92.08
						2/11/15	6.39	91.90
						5/6/15	3.96	94.33
						8/11/15	3.40	94.89
						1/6/16	6.36	91.93
MW-05	8/14/2014	97.66	5	18	2	8/15/2014	3.98	93.68
						11/24/14	6.59	91.07
						2/11/15	6.25	91.41
						5/6/15	4.36	93.30
						8/11/15	3.60	94.06
						1/6/16	6.22	91.44
MW-06	8/12/2014	97.88	5	20	2	8/15/2014	4.73	93.15
						11/24/14	9.83	88.05
						2/11/15	10.20	87.68
						5/6/15	5.24	92.64
						8/11/15	4.22	93.66
						1/6/16	9.12	88.76
MW-07	8/12/2014	97.48	4.5	21.5	2	8/15/2014	2.68	94.80
						11/24/14	5.85	91.63
						2/11/15	6.49	90.99
						5/6/15	3.21	94.27
						8/11/15	2.61	94.87
						1/6/16	6.28	91.20

Notes:

* Elevations based on an arbitrary elevation of 100.00 feet, unknown location.

Depth not recorded.

-- Not Applicable.

SITE PHOTOGRAPHS

Photo

1



Description: MW-6: Looking north toward truck scale.

Comments: Six of the seven monuments, in high traffic areas, sustained damage to the lids and seals.

Photo

2



Description: MW-6: 12" Monument

Comments: Several monuments were full of ice that needed to be chipped out prior to sampling.

Photo

3



Description: MW-1: 12" Monument.

Comments: Five wells were found to have broken lids.

Photo

4



Description: MW-4: 12" Monument.

Comments: This well was missing a lid.

Photo

5



Description: Drum storage area looking north.

Comments: MW-1 in the foreground (blue pin). 55 gallon drums of well purge water in the background (red pin).

Photo

6



Description: Drum storage area looking west.

Comments: Seven drums of well purge water from past and present sampling events.

APPENDIX A

APPENDIX A

FIELD EXPLORATION METHODS

G-Logics performed shallow groundwater sampling during the assessment conducted on the subject property. The sampling activities were conducted in general accordance with Ecology's guidelines and regulations.

Quality Assurance Quality Control

Quality Assurance/Quality Control (QA/QC) for the presented scope of work included generally accepted procedures for sample collection, storage, tracking, and documentation. All sampling equipment was washed with a detergent wash and tap water rinse before the collection of the samples. All samples were labeled with a sample number, date, time, and sampler name, and were stored in an ice chest containing frozen "blue ice". Appropriate chain-of-custody documentation was completed.

Water Level Measurements in Wells

Water level measurements were referenced to the top of the well casing. The static water level was measured in each monitoring well using a conductivity type, water level probe (Keck Model 1213, Flat Tape Water Level Meter). The conductivity probe on the water level meter was lowered into the well until the instrument detected water. The tape on the probe was used to obtain a depth-to-water measurement, from the reference point, to within 0.01 feet.

Monitoring Well Sampling, Peristaltic Pump Method

A G-Logics employee sampled groundwater wells in accordance with the following protocol:

- The height of the water column within the well was calculated by subtracting the depth to water from the total depth of the well. The volume of this water column was calculated using the relationship $V=3.14r^2h$. Where V is the volume of water in cubic feet, r is the radius of the well in feet and h is the height of the water column in feet.

- Based on these calculations, 3 to 5 volumes of water were removed from the well casing prior to collection of samples.
- All purge water was collected and placed into waste drums for proper disposal (determined by analytical results).
- The contract laboratory prepared the sample containers to conform to EPA-recommended preservation techniques for the analytes of concern.
- Groundwater samples were collected with a peristaltic pump. Sample containers were open only as long as necessary to collect the samples.
- Sample bottles were labeled with a sample number, date, time, and G-Logics employee's name and were stored in an ice chest containing frozen "blue ice". Chain-of-custody procedures were followed to document sample handling.
- Dedicated tubing was used at each sampling location.

APPENDIX B



January 11, 2016

Ms. Rory Galloway
G-Logics
40 - 2nd Ave SE,
Issaquah, WA 98027

Dear Ms. Galloway,

On January 8th, 8 samples were received by our laboratory and assigned our laboratory project number EV16010043. The project was identified as your Horse Heaven Hills Travel Plaza, Proj 01-1039-A. The sample identification and requested analyses are outlined on the attached chain of custody record.

No abnormalities or nonconformances were observed during the analyses of the project samples.

Please do not hesitate to call me if you have any questions or if I can be of further assistance.

Sincerely,

ALS Laboratory Group

Rick Bagan
Laboratory Director



CERTIFICATE OF ANALYSIS

CLIENT: G-Logics
40 - 2nd Ave SE,
Issaquah, WA 98027
DATE: 1/11/2016
ALS JOB#: EV16010043
ALS SAMPLE#: EV16010043-01
CLIENT CONTACT: Rory Galloway
DATE RECEIVED: 01/08/2016
CLIENT PROJECT: Horse Heaven Hills Travel Plaza, Proj 01-
1039-A
COLLECTION DATE: 1/5/2016 3:25:00 PM
CLIENT SAMPLE ID MW-1
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	01/09/2016	PAB
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	01/08/2016	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	01/08/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	EPA-8021	85.8	01/09/2016	PAB
C25	NWTPH-DX	82.9	01/08/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

CLIENT: G-Logics
40 - 2nd Ave SE,
Issaquah, WA 98027
DATE: 1/11/2016
ALS JOB#: EV16010043
ALS SAMPLE#: EV16010043-02
CLIENT CONTACT: Rory Galloway
DATE RECEIVED: 01/08/2016
CLIENT PROJECT: Horse Heaven Hills Travel Plaza, Proj 01-
1039-A
COLLECTION DATE: 1/5/2016 5:15:00 PM
CLIENT SAMPLE ID MW-2
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	01/09/2016	PAB
TPH-Diesel Range	NWTPH-DX	380	130	1	UG/L	01/08/2016	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	01/08/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	EPA-8021	84.5	01/09/2016	PAB
C25	NWTPH-DX	90.6	01/08/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered diesel.



CERTIFICATE OF ANALYSIS

CLIENT: G-Logics
40 - 2nd Ave SE,
Issaquah, WA 98027
DATE: 1/11/2016
ALS JOB#: EV16010043
ALS SAMPLE#: EV16010043-03
CLIENT CONTACT: Rory Galloway
DATE RECEIVED: 01/08/2016
CLIENT PROJECT: Horse Heaven Hills Travel Plaza, Proj 01-
1039-A
COLLECTION DATE: 1/6/2016 11:50:00 AM
CLIENT SAMPLE ID MW-3
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	01/09/2016	PAB
TPH-Diesel Range	NWTPH-DX	280	130	1	UG/L	01/08/2016	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	01/08/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	EPA-8021	88.0	01/09/2016	PAB
C25	NWTPH-DX	93.7	01/08/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered diesel.



CERTIFICATE OF ANALYSIS

CLIENT: G-Logics
40 - 2nd Ave SE,
Issaquah, WA 98027
DATE: 1/11/2016
ALS JOB#: EV16010043
ALS SAMPLE#: EV16010043-04
CLIENT CONTACT: Rory Galloway
DATE RECEIVED: 01/08/2016
CLIENT PROJECT: Horse Heaven Hills Travel Plaza, Proj 01-
COLLECTION DATE: 1/5/2016 4:30:00 PM
1039-A
CLIENT SAMPLE ID MW-4
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	01/09/2016	PAB
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	01/08/2016	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	01/08/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	EPA-8021	89.2	01/09/2016	PAB
C25	NWTPH-DX	93.5	01/08/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: G-Logics
40 - 2nd Ave SE,
Issaquah, WA 98027
DATE: 1/11/2016
ALS JOB#: EV16010043
ALS SAMPLE#: EV16010043-05
CLIENT CONTACT: Rory Galloway
DATE RECEIVED: 01/08/2016
CLIENT PROJECT: Horse Heaven Hills Travel Plaza, Proj 01-
1039-A
COLLECTION DATE: 1/6/2016 12:40:00 PM
CLIENT SAMPLE ID MW-5
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	01/09/2016	PAB
TPH-Diesel Range	NWTPH-DX	480	130	1	UG/L	01/08/2016	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	01/08/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	EPA-8021	87.0	01/09/2016	PAB
C25	NWTPH-DX	82.9	01/08/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered diesel.



CERTIFICATE OF ANALYSIS

CLIENT: G-Logics
40 - 2nd Ave SE,
Issaquah, WA 98027
CLIENT CONTACT: Rory Galloway
CLIENT PROJECT: Horse Heaven Hills Travel Plaza, Proj 01-
1039-A
CLIENT SAMPLE ID: MW-6
DATE: 1/11/2016
ALS JOB#: EV16010043
ALS SAMPLE#: EV16010043-06
DATE RECEIVED: 01/08/2016
COLLECTION DATE: 1/6/2016 11:00:00 AM
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	01/09/2016	PAB
TPH-Diesel Range	NWTPH-DX	460	130	1	UG/L	01/08/2016	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	01/08/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	EPA-8021	85.4	01/09/2016	PAB
C25	NWTPH-DX	78.0	01/08/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains highly weathered diesel.

**CERTIFICATE OF ANALYSIS**

CLIENT: G-Logics
40 - 2nd Ave SE,
Issaquah, WA 98027
DATE: 1/11/2016
ALS JOB#: EV16010043
ALS SAMPLE#: EV16010043-07
CLIENT CONTACT: Rory Galloway
DATE RECEIVED: 01/08/2016
CLIENT PROJECT: Horse Heaven Hills Travel Plaza, Proj 01-
1039-A
COLLECTION DATE: 1/6/2016 9:50:00 AM
CLIENT SAMPLE ID MW-7
WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	01/09/2016	PAB
TPH-Diesel Range	NWTPH-DX	U	130	1	UG/L	01/08/2016	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	01/08/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	EPA-8021	89.8	01/09/2016	PAB
C25	NWTPH-DX	78.7	01/08/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.

**CERTIFICATE OF ANALYSIS**

CLIENT: G-Logics DATE: 1/11/2016
40 - 2nd Ave SE, ALS JOB#: EV16010043
Issaquah, WA 98027 ALS SAMPLE#: EV16010043-08
CLIENT CONTACT: Rory Galloway DATE RECEIVED: 01/08/2016
CLIENT PROJECT: Horse Heaven Hills Travel Plaza, Proj 01- COLLECTION DATE: 1/5/2016
1039-A
CLIENT SAMPLE ID MW-A WDOE ACCREDITATION: C601

SAMPLE DATA RESULTS

ANALYTE	METHOD	RESULTS	REPORTING LIMITS	DILUTION FACTOR	UNITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Toluene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Ethylbenzene	EPA-8021	U	1.0	1	UG/L	01/09/2016	PAB
Xylenes	EPA-8021	U	3.0	1	UG/L	01/09/2016	PAB
TPH-Diesel Range	NWTPH-DX	320	130	1	UG/L	01/08/2016	EBS
TPH-Oil Range	NWTPH-DX	U	250	1	UG/L	01/08/2016	EBS

SURROGATE	METHOD	%REC	ANALYSIS DATE	ANALYSIS BY
TFT	EPA-8021	77.5	01/09/2016	PAB
C25	NWTPH-DX	81.5	01/08/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.
Chromatogram indicates that it is likely that sample contains weathered diesel.



CERTIFICATE OF ANALYSIS

CLIENT: G-Logics
40 - 2nd Ave SE,
Issaquah, WA 98027
DATE: 1/11/2016
ALS SDG#: EV16010043
WDOE ACCREDITATION: C601
CLIENT CONTACT: Rory Galloway
CLIENT PROJECT: Horse Heaven Hills Travel Plaza, Proj 01-
1039-A

LABORATORY BLANK RESULTS

MB-010816W2 - Batch 100449 - Water by EPA-8021

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
Benzene	EPA-8021	U	UG/L	1.0	01/08/2016	PAB
Toluene	EPA-8021	U	UG/L	1.0	01/08/2016	PAB
Ethylbenzene	EPA-8021	U	UG/L	1.0	01/08/2016	PAB
Xylenes	EPA-8021	U	UG/L	3.0	01/08/2016	PAB

U - Analyte analyzed for but not detected at level above reporting limit.

MB-010816W - Batch 100417 - Water by NWTPH-DX

ANALYTE	METHOD	RESULTS	UNITS	REPORTING LIMITS	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range	NWTPH-DX	U	UG/L	130	01/08/2016	EBS
TPH-Oil Range	NWTPH-DX	U	UG/L	250	01/08/2016	EBS

U - Analyte analyzed for but not detected at level above reporting limit.



CERTIFICATE OF ANALYSIS

CLIENT: G-Logics
40 - 2nd Ave SE,
Issaquah, WA 98027
DATE: 1/11/2016
ALS SDG#: EV16010043
WDOE ACCREDITATION: C601
CLIENT CONTACT: Rory Galloway
CLIENT PROJECT: Horse Heaven Hills Travel Plaza, Proj 01-1039-A

LABORATORY CONTROL SAMPLE RESULTS

ALS Test Batch ID: 100449 - Water by EPA-8021

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
Benzene - BS	EPA-8021	95.9			01/08/2016	PAB
Benzene - BSD	EPA-8021	97.2	1		01/08/2016	PAB
Toluene - BS	EPA-8021	93.4			01/08/2016	PAB
Toluene - BSD	EPA-8021	95.6	2		01/08/2016	PAB
Ethylbenzene - BS	EPA-8021	93.1			01/08/2016	PAB
Ethylbenzene - BSD	EPA-8021	95.2	2		01/08/2016	PAB
Xylenes - BS	EPA-8021	94.9			01/08/2016	PAB
Xylenes - BSD	EPA-8021	96.4	2		01/08/2016	PAB

ALS Test Batch ID: 100417 - Water by NWTPH-DX

SPIKED COMPOUND	METHOD	%REC	RPD	QUAL	ANALYSIS DATE	ANALYSIS BY
TPH-Diesel Range - BS	NWTPH-DX	83.0			01/08/2016	EBS
TPH-Diesel Range - BSD	NWTPH-DX	92.0	10		01/08/2016	EBS

APPROVED BY

Laboratory Director

Libby Environmental, Inc.

Chain of Custody Record

EV160/0043

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506

Ph: 360-352-2110
Fax: 360-352-4154

Client: GLOBCOS

Address: 40 2ND AVE SE

City: ISSAQUAH State: WA Zip:

Phone: Fax:

Client Project # 01-1639-A

Date: 1/6/15

Page: 1 of 1

Project Manager: Rory G. / KARS V

Project Name: HORSE HEAVEN HILLS TRAVEL PLAZA

Location: 101 MERLEE DR. City, State: PRAIRIE WA

Collector: KARS VANDEHEY Date of Collection: 1/5 + 1/6 2014

Email: KARISVE@GLOBCOS.COM



Sample Number	Date Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	CPAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Field Notes
1 MW-1	1/5/16	1525	H2O	(2) L + 3 Vials		X	X										
2 MW-2	1/5/16	1715				X	X										
3 MW-3	1/6/16	1150				X	X										
4 MW-4	1/5/16	1630				X	X										
5 MW-5	1/6/16	1240				X	X										
6 MW-6	1/6/16	1100				X	X										
7 MW-7	1/6/16	0950				X	X										
8 MW-A	1/5/16	0000	↓	↓		X	X										
9																	
10																	
11																	
12																	
13																	
14																	
15																	
16																	
17																	

Relinquished by: <u>[Signature]</u>	Date / Time: <u>1-7-16 3:30pm</u>	Received by: <u>[Signature]</u>	Date / Time: <u>1-7-16 3:30pm</u>	Sample Receipt Good Condition? <input checked="" type="radio"/> N Temp. <u>-5°C</u> Seals Intact? <input checked="" type="radio"/> N N/A Total Number of Containers <u>40</u> TAT: 24HR 48HR <u>5-DAY</u>	Remarks: <u>Colony Claim 22845</u> <u>1/5/16</u>
Relinquished by: <u>[Signature]</u>	Date / Time: <u>1-8-16 11:10</u>	Received by: <u>[Signature]</u>	Date / Time: <u>ALS 1-8-16 11:10</u>		
Relinquished by:	Date / Time:	Received by:	Date / Time:		
Relinquished by:	Date / Time:	Received by:	Date / Time:		

LEGAL ACTION CLAUSE: In the event of default of payment and/or failure to pay, Client agrees to pay the costs of collection including court costs and reasonable attorney fees to be determined by a court of law.

Distribution: White - Lab, Yellow - File, Pink - Originator

ATTACHMENTS

Permission and Conditions for Use and Copying Form

**Groundwater-Sampling Report, January 2016
Horse Heaven Hills Travel Plaza, 101 Merlot Dr.
Prosser, WA 99350**

**G-Logics Project 01-1039-A
January 27, 2016**

G-Logics prepared the above-identified Document only for our Client and/or other user(s), as identified in the Document, for the purposes stated and subject to any identified and contractual limitations. Regulatory agencies may make additional "fair use" copies for internal and public use based on state and federal laws that do not violate copyright laws.

All other Requestors must obtain permission from G-Logics and our Client in order to avoid copyright violations. To request authorization for a copy of the Document, please read our conditions listed below, complete the Requestor section, and fax to G-Logics at 425-313-3074 for approval review.

- I recognize that G-Logics has prepared this Document only for their Client and/or other user(s), only for the purposes stated in the Document and subject to any identified and contractual limitations.
- My intended use of the Document is for general informational purposes only.
- I understand and accept that there may be limitations to the reliability of the Document's findings due to circumstances beyond the control of G-Logics, the limited scope of funding, and/or limitations inherent in the nature of the performed services.
- I agree not to rely on the Document as being comprehensive or inclusive of all possible site hazards and agree to defend, indemnify, and hold G-Logics harmless from and against any and all claims, damages, or liability which arise from or which are alleged to arise from my use of the Document. I also will compensate G-Logics for any time spent or expenses incurred by G-Logics in defense of any such claim.
- I agree not to provide the Document to any other person or organizations without prior authorization from G-Logics and their Client.

I, the Requestor, have reviewed the above-identified conditions for copying/use of the Document, am familiar with the presented limitations of the provided services, and acknowledge my understanding and concurrence, as indicated by my signature below.

Requestor's Company

Mailing Address

City, State, Zip Code

Contact Name & Title

Signature & Date

Telephone & Fax Numbers

Planned Use of Document

With your information and signature above, please fax to G-Logics (425-313-3074) for approval review. G-Logics will share your request with our Client for their approval.

Client Review and Acknowledgment of Use and Copying Request

Per the notification of G-Logics, I, the Client, have reviewed this request for copying/use of this Document, have discussed the request with G-Logics, and grant my consent as indicated by my signature below.

Client Company

Client Contact Name & Title

Signature & Date

Telephone & Fax Numbers

G-Logics review and Acknowledgment of Use and Copying Request

Based on your concurrence with the above-presented conditions, approval of our Client, and our review of the information, G-Logics allows the Requestor to copy/use the above referenced Document for purposes stated. Additional fees may apply.

G-Logics Signature

Title

Date