ENVIRONMENTAL PARTNERS INC

1180 NW Maple Street, Suite 310 Issaquah, Washington 98027 ph 425.395.0010

October 8, 2019

Whitney's Chevrolet, Inc.
c/o Mr. Clark Davis
Davis Law Office, PLLC
7525 Pioneer Way, Suite 101
Gig Harbor, Washington 98335

Re: Quarterly Groundwater Monitoring and Remediation System Status Report – February 2019
Whitney's Chevrolet, Inc.
Agreed Order No. DE 11121
123 West Pioneer Avenue
Montesano, Washington

EPI Project Number: 51201.19

Dear Mr. Davis:

Environmental Partners, Inc. (EPI) is pleased to present this Quarterly Groundwater Monitoring Report for February 2019 for the Whitney's Chevrolet, Inc. Site in Montesano, Washington (the Site). The location of the Whitney's Chevrolet facility at 123 West Pioneer Avenue is indicated on Figure 1. The Site details are shown on Figure 2.

The following four properties are either fully or partially encompassed by the Site:

- Whitney's Chevrolet;
- Umpqua Bank;
- Charlie's Bar/Veterans of Foreign Wars (VFW) Post #2455; and
- Tony's Short Stop.

In addition, the Site includes portions of the City of Montesano rights-of-way for West Pioneer Avenue, South First Street, and South Main Street.

The quarterly groundwater monitoring and sampling were conducted in accordance with the *Groundwater Compliance Monitoring Plan*, dated May 3, 2013 (GCMP). The GCMP was approved by the Washington State Department of Ecology (Ecology) and has been incorporated into Agreed Order DE 11121, dated March 30, 2015 (the Order). In accordance with the GCMP, a total of 17 monitoring wells were scheduled for sampling during this event.

GROUNDWATER MONITORING AND SAMPLING PROCEDURES

The air sparging/soil vapor extraction (AS/SVE) remediation system at the Site was shut down on February 19, 2019 prior to the sampling event to allow for stabilization of the groundwater surface to natural conditions. On February 20 and February 22, 2019, EPI personnel measured groundwater levels in 28 monitoring wells. Seventeen groundwater samples plus one duplicate quality control sample were collected and submitted to Libby Environmental Inc. for chemical analysis, as described below.

Groundwater Measurements

Prior to groundwater sampling, a hydrocarbon interface probe was used to assess the potential presence of light non-aqueous phase liquid (LNAPL) in each of the monitoring wells and, if present, to measure the thickness of accumulated LNAPL. Groundwater samples were not collected from monitoring wells that contained measurable LNAPL or an observable sheen. The depth to water was measured to the nearest 0.01 foot in each monitoring well relative to the northernmost point on the well casing. This measurement was subtracted from the surveyed elevation to establish a piezometric elevation for the water table. Water levels were measured in 25 wells on February 20, 2019 and in 3 wells (KBMW-9, KBMW-10, and TSSMW-9) on February 22, 2019. Neither measurable LNAPL nor a hydrocarbon sheen were identified in Site monitoring wells during this event.

The piezometric elevation data indicate that groundwater migrates toward the southeast with an average hydraulic gradient of approximately 0.011 foot/foot, as measured between monitoring wells WCMW-9 and KBMW-12. These piezometric conditions are consistent with previous findings at the Site. A summary of groundwater elevation data for the Site is included in Table 1. A site representation with groundwater elevations and piezometric contours measured is included as Figure 3.

Groundwater Sampling and Analyses

Immediately prior to sample collection, each well was either purged until field measurements of pH, temperature, and conductivity stabilized to within 10 percent of the prior measurement or until three wetted casing volumes had been removed, whichever occurred first. Purging was performed using a peristaltic pump and dedicated tubing. Purge water was stored on-Site in properly labeled 55-gallon drums pending permitted disposal.

Wells were sampled using the same tubing and peristaltic pump used for purging. Sampling was conducted using low-flow sampling techniques to minimize sample volatilization and silt uptake. The groundwater samples were collected at a flow rate of less than 100 milliliters/minute and pumped directly into appropriate pre-labeled sample containers supplied by the laboratory.

All groundwater samples were submitted for the following analyses:

- Gasoline-range petroleum hydrocarbons (GRPH) using the Northwest Total Petroleum Hydrocarbons as Gasoline (NWTPH-Gx) Method; and

- Volatile organic compounds (VOCs) including the aromatic fuel hydrocarbons benzene, toluene, ethylbenzene, and total xylenes (BTEX), naphthalene, and tetrachloroethene (PCE) using U.S. Environmental Protection Agency (EPA) Method 8260C.

Immediately upon collection, each sample container was appropriately labeled and placed in an iced cooler pending submittal to the analytical laboratory. All samples were transported under standard Chain-of-Custody protocols to Libby Environmental, Inc., in Olympia, Washington.

GROUNDWATER SAMPLE ANALYTICAL RESULTS

Laboratory-reported chemical analytical data are presented in Table 2 and summarized on Figure 4. Final laboratory analytical reports are included as Attachment A.

For the purposes of this report, it is assumed that GRPH, benzene, and PCE in groundwater are the primary chemicals of concern (COCs) for monitoring, and these chemicals serve as indicator hazardous substances for the dissolved-phase plume. Isoconcentration contours for GRPH, benzene, and PCE are depicted on Figures 5, 6, and 7 respectively.

GRPH was identified in samples collected from 7 of the 17 monitoring wells sampled during this event. Reported concentrations of GRPH ranged from 120 micrograms per liter (µg/L) in the groundwater sample collected from monitoring well KBMW-4 to 10,500 µg/L in the sample collected from monitoring well WCMW-2. GRPH isoconcentration contours for the February 2019 sampling event are presented on Figure 5.

Benzene was identified in samples collected from 3 of the 17 monitoring wells sampled during this event. Reported concentrations of benzene ranged from 4.9 µg/L in the sample collected from monitoring well WCMW-5 to 17 µg/L in the sample collected from monitoring well WCMW-3. Benzene was not identified in the groundwater samples collected from monitoring wells TSSMW-7 and TSSMW-9. This finding continues to support a conclusion that benzene impacts originating from releases on the Whitney's Chevrolet, Inc. Site decrease to less than the MTCA Method A Groundwater Cleanup Level of 5 µg/L upgradient of the Tony's Short Stop property. Benzene isoconcentration contours for the February 2019 sampling event are presented on Figure 6.

The GRPH and benzene data presented herein directly contradict prior representations to Ecology by the potentially liable persons (PLPs) for the Tony's Short Stop site that GRPH and benzene impacts previously observed at KBMW-12, immediately adjacent to, downgradient of, the former remedial excavation on the Tony's Short Stop property, are the result of impacts from the Whitney's Chevrolet, Inc. Site.

PCE was identified in samples collected from 5 of the 17 monitoring wells sampled during this event. Reported concentrations of PCE ranged from an estimated concentration of 0.093 µg/L in the groundwater sample collected from monitoring well KBMW-2 to 20 µg/L in the samples collected from monitoring wells WCMW-2 and WCMW-4. PCE isoconcentration contours for the February 2019 sampling event are presented on Figure 7.

The next groundwater monitoring event is scheduled for February 2019. A total of 10 wells associated with the Whitney's Chevrolet, Inc. Site and 1 well associated with the Tony's Short Stop property are scheduled for monitoring and sampling during the February 2019 monitoring event.

REMEDIATION SYSTEM OPERATION

The AS/SVE system was installed between October 2016 and March 2017 and started up on March 27, 2017 for continuous operation. Details of the AS/SVE system installation and startup were provided in the *Remedial Action System As-Built and Startup Report* (As-Built Report), which was published on October 6, 2017. The As-Built Report was provided to Ecology for review and was approved by Mr. Marv Coleman.

The AS/SVE system at the Site it designed for remediation of the shallow aquifer. Extracted vapors were previously treated through granular activated carbon (GAC) to remove COCs prior to atmospheric discharge. The atmospheric point source discharge of the AS/SVE system is regulated under an Olympic Region Clean Air Agency (ORCAA) Notice of Construction permit. In February 2018, EPI requested and was granted approval from ORCAA to remove the vapor controls for system vapors based on a demonstration that the discharged concentrations were below the threshold that requires treatment. EPI will continue to monitor vapor concentrations at the point of discharge as part of the monthly operation and maintenance (O&M) tasks to ensure continued compliance with ORCAA's discharge criteria.

For the current reporting period operations and maintenance (O&M) inspections were conducted on a monthly basis. During the O&M site visits, EPI personnel monitored and recorded system status and operational parameters and made necessary adjustments to the system components to optimize performance. Vapors at the inlet and outlet of the AS/SVE system were monitored with a photoionization detector (PID) to measure the concentration of volatile compounds and monitor for carbon breakthrough in accordance with the air permit requirements.

Samples of the system influent and effluent vapors were also collected on each O&M visit and submitted for analysis to confirm compliance with the air permit, estimate a contaminant mass removal rate, and confirm that GAC treatment is no longer required. The vapor samples were collected into Tedlar® bags and submitted to Fremont Analytical in Seattle, Washington, for laboratory analysis. All samples were analyzed for GRPH by NWTPH-Gx Method, and for VOCs using EPA Method 8260. As noted above the system effluent was re-routed to bypass the GAC treatment in February 2018 after permission to do so from ORCAA. Therefore, only one vapor sample has been collected for laboratory analysis during subsequent vapor sampling events.

Based on the monitoring data and vapor analytical results, it is estimated that the AS/SVE system removed an estimated 729 pounds of GRPH from the time of initial system startup on February 15, 2017 through February 19, 2019. The AS/SVE system has removed about 3 pounds of GRPH during the first quarter of 2019. The winter months, with higher water levels, are typically exhibit the lowest rates of remediation system recovery.

Tabulated vapor emission data for the SVE system are summarized in Table 3. Tabulated mass removal and destruction efficiency data for the SVE system are summarized in Table 4. A copy of the laboratory analytical report for the system vapor samples is provided in Attachment B.

System monitoring data confirmed that the control efficiency and system discharges were in compliance with the ORCAA Notice of Construction permit limits.

EPI appreciates the opportunity to be of assistance on this project. If you have any questions or comments, please do not hesitate to contact us at (425) 395-0010.

Sincerely,

Thomas C. Morin, L.G.
President/Principal Geologist

Sean P. Trimble, P.G., L.G.
Senior Geologist

ENCLOSURES

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Attachments

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Tables

Table 1
Groundwater Elevation Data
Quarterly Groundwater Monitoring and Remediation System Status Report – February 2019
Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
Monitoring Wells Associated With Whitney's Chevrolet Site					
WCMW-1	7/1/2008	39.84	15.11	0.00	24.73
	12/14/2009	39.84	14.13	0.00	25.71
	1/18/2010	39.84	12.98	0.00	26.86
WCMW-1R	10/31/2011	40.07	15.62	0.00	24.45
	1/31/2012	40.07	13.23	0.00	26.84
	5/7/2012	40.07	13.51	0.00	26.56
	8/20/2012	40.07	15.48	0.00	24.59
	8/5/2013	40.07	15.49	0.00	24.58
	11/11/2013	40.07	15.01	0.00	25.06
	2/17/2014	40.07	13.77	0.00	26.30
	5/19/2014	40.07	13.98	0.00	26.09
	8/11/2014	40.07	15.21	0.00	24.86
	11/17/2014	40.07	14.73	0.00	25.34
	2/25/2015	40.07	14.13	0.00	25.94
	5/21/2015	40.07	14.98	0.00	25.09
	8/3/2015	40.07	16.28	0.00	23.79
	11/24/2015	40.07	14.29	0.00	25.78
	2/23/2016	40.07	13.18	0.00	26.89
	5/9/2016	40.07	14.74	0.00	25.33
	8/23/2016	40.07	15.96	0.00	24.11
	11/29/2016	40.07	12.45	0.00	27.62
	2/14/2017	40.07	12.66	0.00	27.41
	5/25/2017	40.07	13.94	0.00	26.13
	8/7/2017	40.07	14.94	0.00	25.13
	11/28//17	40.07	12.65	0.00	27.42
	2/6/2018	40.07	13.15	0.00	26.92
	5/29/2018	40.07	14.64	0.00	25.43
	8/14/2018	40.07	15.21	0.00	24.86
	12/5/2018	40.07	13.74	0.00	26.33
	2/20/2019	40.07	13.39	0.00	26.68
WCMW-2	7/1/2008	40.42	16.42	0.00	24.00
	12/14/2009	40.42	15.42	0.00	25.00
	1/18/2010	40.42	14.46	0.00	25.96
	10/31/2011	40.42	16.78	**0.10**	23.72
	1/31/2012	40.42	14.55	0.00	25.87
	5/7/2012	40.42	14.79	0.00	25.63
	8/20/2012	40.42	15.53	**0.03**	24.91
	8/5/2013	40.42	16.55	**0.02**	23.89
	11/11/2013	40.42	16.16	**Sheen**	24.26
	2/17/2014	40.42	15.10	**Sheen**	25.32
	5/19/2014	40.42	15.00	**Sheen**	25.42
	8/11/2014	40.42	16.94	**0.02**	23.50
	11/17/2014	40.42	15.82	0.00	24.60
	2/25/2015	40.42	15.22	**Sheen**	25.20
	5/21/2015	40.42	16.09	**0.01**	24.34
	8/3/2015	40.42	17.74	**0.54**	23.11
	11/24/2015	40.42	15.47	**0.04**	24.98
	2/23/2016	40.42	13.40	**Sheen**	27.02
	5/9/2016	40.42	15.77	**Sheen**	24.65
	8/23/2016	40.42	17.43	**0.51**	23.40
	11/29/2016	40.42	13.72	0.00	26.70
	2/14/2017	40.42	13.91	0.00	26.51
	5/25/2017	40.42	15.01	0.00	25.41
	8/7/2017	40.42	16.05	**0.05**	24.41
	11/28/2017	40.42	14.02	0.00	26.40
	2/6/2018	40.42	14.22	0.00	26.20
	5/29/2018	40.42	15.74	0.00	24.68
	8/14/2018	40.42	16.26	0.00	24.16
	12/5/2018	40.42	14.98	0.00	25.44
	2/20/2019	40.42	14.65	0.00	25.77

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Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
WCMW-3	7/1/2008	39.93	16.26	0.00	23.67
	12/14/2009	39.93	15.27	0.00	24.66
	1/18/2010	39.93	14.36	0.00	25.57
	10/31/2011	39.93	16.53	0.00	23.40
	1/31/2012	39.93	14.47	0.00	25.46
	5/7/2012	39.93	14.68	0.00	25.25
	8/20/2012	39.93	16.34	0.00	23.59
	8/5/2013	39.93	16.35	0.00	23.58
	11/11/2013	39.93	15.92	0.00	24.01
	2/17/2014	39.93	14.95	0.00	24.98
	5/19/2014	39.93	14.87	0.00	25.06
	8/11/2014	39.93	16.66	0.00	23.27
	11/17/2014	39.93	15.63	0.00	24.30
	2/25/2015	39.93	15.08	0.00	24.85
	5/21/2015	39.93	16.89	0.00	23.04
	8/3/2015	39.93	17.09	0.00	22.84
	11/24/2015	39.93	15.29	0.00	24.64
	2/23/2016	39.93	14.31	0.00	25.62
	5/9/2016	39.93	15.65	0.00	24.28
	8/23/2016	39.93	16.83	0.00	23.10
	11/29/2016	39.93	13.62	0.00	26.31
	2/14/2017	39.93	13.82	0.00	26.11
	5/25/2017	39.93	14.86	0.00	25.07
	8/7/2017	39.93	15.84	0.00	24.09
	11/28/2017	39.93	13.84	0.00	26.09
	2/6/2018	39.93	14.01	0.00	25.92
	5/29/2018	39.93	15.59	0.00	24.34
	8/14/2018	39.93	14.12	0.00	25.81
	12/5/2018	39.93	14.88	0.00	25.05
	2/10/2019	39.93	14.55	0.00	25.38
WCMW-4	7/1/2008	38.95	16.18	0.00	22.77
	12/14/2009	38.95	15.62	0.00	23.33
	1/18/2010	38.95	15.98	0.00	22.97
	10/31/2011	38.95	16.08	0.00	22.87
	1/31/2012	38.95	13.52	0.00	25.43
	5/7/2012	38.95	13.96	0.00	24.99
	8/20/2012	38.95	15.84	0.00	23.11
	8/5/2013	38.95	15.87	0.00	23.08
	11/11/2013	38.95	15.63	0.00	23.32
	2/17/2014	38.95	14.55	0.00	24.40
	5/19/2014	38.95	14.44	0.00	24.51
	8/11/2014	38.95	16.23	0.00	22.72
	11/17/2014	38.95	15.23	0.00	23.72
	2/25/2015	38.95	14.56	0.00	24.39
	5/21/2015	38.95	15.35	0.00	23.60
	8/3/2015	38.95	16.42	0.00	22.53
	11/24/2015	38.95	14.83	0.00	24.12
	2/23/2016	38.95	13.82	0.00	25.13
	5/9/2016	38.95	15.18	0.00	23.77
	8/23/2016	38.95	16.15	0.00	22.80
	11/29/2016	38.95	13.23	0.00	25.72
	2/14/2017	38.95	13.11	0.00	25.84
	5/25/2017	38.95	14.37	0.00	24.58
	8/7/2017	38.95	15.43	0.00	23.52
	11/28/2017	38.95	13.36	0.00	25.59
	2/6/2017	38.95	13.25	0.00	25.70
	5/29/2018	38.95	15.04	0.00	23.91
	8/14/2018	38.95	15.62	0.00	23.33
	12/5/2018	38.95	14.32	0.00	24.63
	2/20/2019	38.95	14.05	0.00	24.90

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WCMW-5	7/1/2008	37.73	15.18	0.00	22.55
	12/14/2009	37.73	13.90	0.00	23.83
	1/18/2010	37.73	13.01	0.00	24.72
	10/31/2011	37.73	14.98	0.00	22.75
	1/31/2012	37.73	12.98	0.00	24.75
	5/7/2012	37.73	13.16	0.00	24.57
	8/20/2012	37.73	14.93	0.00	22.80
	8/5/2013	37.73	14.89	0.00	22.84
	11/11/2013	37.73	14.47	0.00	23.26
	2/17/2014	37.73	13.43	0.00	24.30
	5/19/2014	37.73	13.23	0.00	24.50
	8/11/2014	37.73	15.26	0.00	22.47
	11/17/2014	37.73	14.09	0.00	23.64
	2/25/2015	37.73	13.41	0.00	24.32
	5/21/2015	37.73	14.24	0.00	23.49
	8/3/2015	37.73	15.49	0.00	22.24
	11/24/2015	37.73	13.68	0.00	24.05
	2/23/2016	37.73	13.81	0.00	23.92
	5/9/2016	37.73	14.04	0.00	23.69
	8/23/2016	37.73	15.20	0.00	22.53
	11/29/2016	37.73	12.06	0.00	25.67
	2/14/2017	37.73	12.27	0.00	25.46
	5/25/2017	37.73	13.33	0.00	24.40
	8/7/2017	37.73	14.51	0.00	23.22
	11/28/2017	37.73	12.42	0.00	25.31
	2/6/2018	37.73	12.31	0.00	25.42
	5/29/2018	37.73	13.95	0.00	23.78
	8/14/2018	37.73	14.72	0.00	23.01
	12/5/2018	37.73	13.30	0.00	24.43
	2/20/2019	37.73	12.91	0.00	24.82
WCMW-6	7/1/2008	38.80	15.73	0.00	23.07
	12/14/2009	38.80	14.76	0.00	24.04
	1/18/2010	38.80	13.88	0.00	24.92
	10/31/2011	38.80	15.91	0.00	22.89
	1/31/2012	38.80	13.94	0.00	24.86
	5/7/2012	38.80	14.17	0.00	24.63
	8/20/2012	38.80	15.85	0.00	22.95
	8/5/2013	38.80	15.85	0.00	22.95
	11/11/2013	38.80	15.31	0.00	23.49
	2/17/2014	38.80	14.33	0.00	24.47
	5/19/2014	38.80	14.35	0.00	24.45
	8/11/2014	38.80	16.21	0.00	22.59
	11/17/2014	38.80	15.06	0.00	23.74
	2/25/2015	38.80	14.58	0.00	24.22
	5/21/2015	38.80	15.38	0.00	23.42
	8/3/2015	38.80	16.58	0.00	22.22
	11/24/2015	38.80	14.59	0.00	24.21
	2/23/2016	38.80	13.84	0.00	24.96
	5/9/2016	38.80	15.24	0.00	23.56
	8/23/2016	38.80	16.31	0.00	22.49
	11/29/2016	38.80	13.25	0.00	25.55
	2/14/2017	38.80	13.47	0.00	25.33
	5/25/2017	38.80	14.34	0.00	24.46
	8/7/2017	38.80	15.45	0.00	23.35
	11/28/2017	38.80	13.54	0.00	25.26
	2/6/2018	38.80	13.54	0.00	25.26
	5/29/2018	38.80	15.09	0.00	23.71
	8/14/2018	38.80	15.82	0.00	22.98
	12/5/2018	38.80	14.39	0.00	24.41
	2/20/2019	38.80	14.12	0.00	24.68

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Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
WCMW-7	10/31/2011	39.85	15.21	0.00	24.64
	1/31/2012	39.85	12.83	0.00	27.02
	5/7/2012	39.85	13.14	0.00	26.71
	8/20/2012	39.85	15.93	0.00	23.92
	8/5/2013	39.85	15.15	0.00	24.70
	11/11/2013	39.85	14.64	0.00	25.21
	2/17/2014	39.85	13.34	0.00	26.51
	5/19/2014	39.85	13.57	0.00	26.28
	8/11/2014	39.85	15.49	0.00	24.36
	11/17/2014	39.85	14.35	0.00	25.50
	2/25/2015	39.85	13.83	0.00	26.02
	5/21/2015	39.85	14.63	0.00	25.22
	8/3/2015	39.85	15.96	0.00	23.89
	11/24/2015	39.85	13.84	0.00	26.01
	2/23/2016	39.85	12.76	0.00	27.09
	5/9/2016	39.85	14.43	0.00	25.42
	8/23/2016	39.85	15.60	0.00	24.25
	11/29/2016	39.85	12.09	0.00	27.76
	2/14/2017	39.85	12.31	0.00	27.54
	5/25/2017	39.85	13.55	0.00	26.30
	8/7/2017	39.85	14.56	0.00	25.29
	11/28/2017	39.85	12.24	0.00	27.61
	2/6/2018	39.85	12.90	0.00	26.95
	5/29/2018	39.85	14.24	0.00	25.61
	8/14/2018	39.85	14.82	0.00	25.03
	12/5/2018	39.85	13.32	0.00	26.53
	2/20/2019	39.85	13.00	0.00	26.85
WCMW-8	10/31/2011	40.70	15.91	0.00	24.79
	1/31/2012	40.70	13.51	0.00	27.19
	5/7/2012	40.70	13.83	0.00	26.87
	8/20/2012	40.70	15.77	0.00	24.93
	8/5/2013	40.70	15.82	0.00	24.88
	11/11/2013	40.70	15.35	0.00	25.35
	2/17/2014	40.70	14.02	0.00	26.68
	5/19/2014	40.70	14.27	0.00	26.43
	8/11/2014	40.70	16.15	0.00	24.55
	11/17/2014	40.70	15.06	0.00	25.64
	2/25/2015	40.70	14.52	0.00	26.18
	5/21/2015	40.70	15.30	0.00	25.40
	8/3/2015	40.70	16.60	0.00	24.10
	11/24/2015	40.70	14.60	0.00	26.10
	2/23/2016	40.70	13.44	0.00	27.26
	5/9/2016	40.70	15.05	0.00	25.65
	8/23/2016	40.70	16.28	0.00	24.42
	11/29/2016	40.70	12.76	0.00	27.94
	2/14/2017	40.70	12.96	0.00	27.74
	5/25/2017	40.70	14.32	0.00	26.38
	8/7/2017	40.70	15.29	0.00	25.41
	11/28/2017	40.70	12.92	0.00	27.78
	2/6/2018	40.70	13.51	0.00	27.19
	5/29/2018	40.70	14.95	0.00	25.75
	8/14/2018	40.70	15.51	0.00	25.19
	12/5/2018	40.70	14.04	0.00	26.66
	2/20/2019	40.70	13.71	0.00	26.99
WCMW-9	10/31/2011	40.86	15.66	0.00	25.20
	1/31/2012	40.86	13.17	0.00	27.69
	5/7/2012	40.86	13.47	0.00	27.39
	8/20/2012	40.86	15.37	0.00	25.49
	8/5/2013	40.86	15.52	0.00	25.34
	11/11/2013	40.86	15.36	0.00	25.50
	2/17/2014	40.86	14.01	0.00	26.85
	5/19/2014	40.86	14.08	0.00	26.78

Table 1
Groundwater Elevation Data
Quarterly Groundwater Monitoring and Remediation System Status Report – February 2019
Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
WCMW-9	8/11/2014	40.86	15.88	0.00	24.98
	11/17/2014	40.86	14.77	0.00	26.09
	2/25/2015	40.86	14.48	0.00	26.38
	5/21/2015	40.86	15.07	0.00	25.79
	8/3/2015	40.86	16.09	0.00	24.77
	11/24/2015	40.86	14.32	0.00	26.54
	2/23/2016	40.86	13.35	0.00	27.51
	5/9/2016	40.86	14.85	0.00	26.01
	8/23/2016	40.86	16.00	0.00	24.86
	11/29/2016	40.86	12.44	0.00	28.42
	2/14/2017	40.86	12.61	0.00	28.25
	5/25/2017	40.86	14.10	0.00	26.76
	8/7/2017	40.86	15.04	0.00	25.82
	11/28/2017	40.86	12.50	0.00	28.36
	2/6/2018	40.86	13.19	0.00	27.67
	5/29/2018	40.86	14.74	0.00	26.12
	8/14/2018	40.86	15.22	0.00	25.64
	12/5/2018	40.86	13.72	0.00	27.14
	2/20/2019	40.86	13.37	0.00	27.49
WCMW-10	10/31/2011	40.82	15.90	0.00	24.92
	1/31/2012	40.82	14.35	0.00	26.47
	5/7/2012	40.82	14.57	0.00	26.25
	8/20/2012	40.82	15.72	0.00	25.10
	8/5/2013	40.82	15.87	0.00	24.95
	11/11/2013	40.82	15.62	0.00	25.20
	2/17/2014	40.82	14.90	0.00	25.92
	5/19/2014	40.82	14.92	0.00	25.90
	8/11/2014	40.82	16.27	0.00	24.55
	11/17/2014	40.82	15.50	0.00	25.32
	2/25/2015	40.82	15.10	0.00	25.72
	5/21/2015	40.82	15.83	0.00	24.99
	8/3/2015	40.82	16.64	0.00	24.18
	11/24/2015	40.82	15.35	0.00	25.47
	2/23/2016	40.82	14.48	0.00	26.34
	5/9/2016	40.82	15.31	0.00	25.51
	8/23/2016	40.82	16.49	0.00	24.33
	11/29/2016	40.82	13.42	0.00	27.40
	2/14/2017	40.82	12.90	0.00	27.92
	5/25/2017	40.82	14.84	0.00	25.98
	8/7/2017	40.82	15.67	0.00	25.15
	11/28/2017	40.82	13.14	0.00	27.68
	2/6/2018	40.82	14.37	0.00	26.45
	5/29/2018	40.82	15.83	0.00	24.99
	8/14/2018	40.82	16.74	0.00	24.08
	12/5/2018	40.82	15.38	0.00	25.44
	2/20/2019	40.82	14.37	0.00	26.45
KBMW-1	12/14/2009	39.31	15.89	0.00	23.42
	1/18/2010	39.31	14.76	0.00	24.55
	10/31/2011	39.31	17.08	0.00	22.23
	1/31/2012	39.31	15.03	0.00	24.28
	5/7/2012	39.31	14.92	0.00	24.39
	8/20/2012	39.31	16.93	0.00	22.38
	8/5/2013	39.31	16.94	0.00	22.37
	11/11/2013	39.31	16.43	0.00	22.88
	2/17/2014	39.31	15.41	0.00	23.90
	5/19/2014	39.31	15.26	0.00	24.05
	8/11/2014	39.31	17.12	0.00	22.19
	11/17/2014	39.31	16.19	0.00	23.12
	2/25/2015	39.31	15.58	0.00	23.73
	5/21/2015	39.31	16.49	0.00	22.82
	8/3/2015	39.31	17.32	0.00	21.99
	11/24/2015	39.31	15.86	0.00	23.45

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Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
KBMW-1	2/23/2016	39.31	14.81	0.00	24.50
	5/9/2016	39.31	16.22	0.00	23.09
	8/23/2016	39.31	17.18	0.00	22.13
	11/29/2016	39.31	13.85	0.00	25.46
	2/14/2017	39.31	13.81	0.00	25.50
	5/25/2017	39.31	15.34	0.00	23.97
	8/7/2017	39.31	16.22	0.00	23.09
	11/28/2017	39.31	14.07	0.00	25.24
	2/6/2018	39.31	13.88	0.00	25.43
	5/29/2018	39.31	15.99	0.00	23.32
	8/14/2018	39.31	16.46	0.00	22.85
	12/5/2018	39.31	15.14	0.00	24.17
	2/20/2019	39.31	14.72	0.00	24.59
KBMW-2	12/14/2009	38.17	14.31	0.00	23.86
	1/18/2010	38.17	13.45	0.00	24.72
	10/31/2011	38.17	15.49	**0.04**	22.71
	2/2/2012	38.17	13.56	0.00	24.61
	5/7/2012	38.17	13.68	0.00	24.49
	8/20/2012	38.17	15.45	**0.21**	22.89
	8/5/2013	38.17	15.62	**0.40**	22.87
	11/11/2013	38.17	14.82	**0.01**	23.36
	2/17/2014	38.17	13.96	**Sheen**	24.21
	5/19/2014	38.17	13.80	**Sheen**	24.37
	8/11/2014	38.17	15.56	**0.01**	22.62
	11/17/2014	38.17	14.55	**Sheen**	23.62
	2/25/2015	38.17	14.02	**Sheen**	24.15
	5/21/2015	38.17	14.82	**Sheen**	23.35
	8/3/2015	38.17	15.98	**0.05**	22.23
	11/25/2015	38.17	14.21	**Sheen**	23.96
	2/23/2016	38.17	13.36	**0.02**	24.83
	5/9/2016	38.17	14.57	**Sheen**	23.60
	8/23/2016	38.17	15.76	**0.03**	22.43
	11/30/2016	38.17	12.70	0.00	25.47
	2/14/2017	38.17	12.89	0.00	25.28
	5/25/2017	38.17	13.86	0.00	24.31
	8/9/2017	38.17	15.16	0.00	23.01
	11/29/2017	38.17	13.16	0.00	25.01
	2/7/2018	38.17	12.99	0.00	25.18
	5/9/2018	38.17	14.61	0.00	23.56
	8/16/2018	38.17	15.31	0.00	22.86
	12/5/2018	38.17	13.98	0.00	24.19
	2/20/2019	38.17	13.63	0.00	24.54
KBMW-3	12/14/2009	37.21	14.53	0.00	22.68
	1/18/2010	37.21	13.93	0.00	23.28
	10/31/2011	37.21	15.61	0.00	21.60
	1/31/2012	37.21	13.91	0.00	23.30
	5/7/2012	37.21	14.02	0.00	23.19
	8/20/2012	37.21	15.28	0.00	21.93
	8/5/2013	37.21	15.34	0.00	21.87
	11/11/2013	37.21	14.83	0.00	22.38
	2/17/2014	37.21	14.11	0.00	23.10
	5/19/2014	37.21	14.05	0.00	23.16
	8/11/2014	37.21	15.62	0.00	21.59
	11/17/2014	37.21	14.63	0.00	22.58
	2/25/2015	37.21	14.21	0.00	23.00
	5/21/2015	37.21	14.83	0.00	22.38
	8/3/2015	37.21	15.92	0.00	21.29
	11/24/2015	37.21	14.42	0.00	22.79
	2/23/2016	37.21	13.69	0.00	23.52
	5/9/2016	37.21	14.70	0.00	22.51
	8/23/2016	37.21	15.92	0.00	21.29
	11/30/2016	37.21	13.14	0.00	24.07

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KBMW-3	2/14/2017	37.21	13.41	0.00	23.80
	5/25/2017	37.21	14.54	0.00	22.67
	8/7/2017	37.21	14.78	0.00	22.43
	11/28/2017	37.21	14.14	0.00	23.07
	2/6/2018	37.21	14.37	0.00	22.84
	5/29/2018	37.21	15.31	0.00	21.90
	8/14/2018	37.21	16.16	0.00	21.05
	12/5/2018	37.21	14.88	0.00	22.33
	2/20/2019	37.21	14.26	0.00	22.95
KBMW-4	12/14/2009	36.76	15.09	0.00	21.67
	1/18/2010	36.76	14.53	0.00	22.23
	10/31/2011	36.76	15.72	**Sheen**	21.04
	1/31/2012	36.76	13.73	0.00	23.03
	5/7/2012	36.76	13.79	0.00	22.97
	8/20/2012	36.76	15.08	0.00	21.68
	8/5/2013	36.76	15.04	0.00	21.72
	11/11/2013	Not Measured - Damaged Wellhead			
	2/17/2014	37.06	14.19	0.00	22.87
	5/19/2014	37.06	14.04	0.00	23.02
	8/11/2014	37.06	15.65	0.00	21.41
	11/17/2014	37.06	14.63	0.00	22.43
	2/25/2015	37.06	14.17	0.00	22.89
	5/21/2015	37.06	14.88	0.00	22.18
	8/3/2015	37.06	15.96	0.00	21.10
	11/24/2015	37.06	14.28	0.00	22.78
	2/23/2016	37.06	13.66	0.00	23.40
	5/9/2016	37.06	15.69	0.00	21.37
	8/23/2016	37.06	15.76	0.00	21.30
	11/29/2016	37.06	13.06	0.00	24.00
	2/14/2017	37.06	13.38	0.00	23.68
	5/25/2017	37.06	14.25	0.00	22.81
	8/7/2017	37.06	15.52	0.00	21.54
	11/28/2017	37.06	13.77	0.00	23.29
	2/6/2018	37.06	13.58	0.00	23.48
	5/29/2018	37.06	15.49	0.00	21.57
	8/14/2018	37.06	16.10	0.00	20.96
	12/5/2018	37.06	14.45	0.00	22.61
	2/20/2019	37.06	14.06	0.00	23.00
KBMW-5	12/14/2009	37.81	15.97	0.00	21.84
	1/18/2010	37.81	15.42	0.00	22.39
	10/31/2011	37.81	16.79	0.00	21.02
	1/31/2012	37.81	15.42	0.00	22.39
	5/7/2012	37.81	15.61	0.00	22.20
	8/20/2012	37.81	16.68	0.00	21.13
	8/5/2013	37.81	16.72	0.00	21.09
	11/11/2013	Not Measured - Damaged Wellhead			
	2/17/2014	38.17	15.74	0.00	22.43
	5/19/2014	38.17	15.89	0.00	22.28
	8/11/2014	38.17	17.29	0.00	20.88
	11/17/2014	38.17	16.29	0.00	21.88
	2/25/2015	38.17	15.47	0.00	22.70
	5/21/2015	38.17	16.62	0.00	21.55
	8/3/2015	38.17	17.38	0.00	20.79
	11/24/2015	38.17	15.81	0.00	22.36
	2/23/2016	38.17	15.55	0.00	22.62
	5/9/2016	38.17	16.45	0.00	21.72
	8/23/2016	38.17	17.36	0.00	20.81
	11/29/2016	38.17	14.94	0.00	23.23
	2/14/2017	38.17	15.24	0.00	22.93
	5/25/2017	38.17	15.95	0.00	22.22
	8/7/2017	38.17	17.09	0.00	21.08
	11/28/2017	38.17	15.39	0.00	22.78

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KBMW-5	2/6/2018	38.17	15.33	0.00	22.84
	5/29/2018	38.17	16.52	0.00	21.65
	8/14/2018	38.17	17.35	0.00	20.82
	12/5/2018	38.17	16.01	0.00	22.16
	2/20/2019	38.17	15.75	0.00	22.42
KBMW-6	12/14/2009	40.15	16.73	0.00	23.42
	1/18/2010	40.15	16.17	0.00	23.98
	10/31/2011	40.15	17.50	0.00	22.65
	1/31/2012	40.15	16.23	0.00	23.92
	5/7/2012	40.15	16.38	0.00	23.77
	8/20/2012	40.15	17.43	0.00	22.72
	8/5/2013	40.15	17.40	0.00	22.75
	11/11/2013	40.15	16.92	0.00	23.23
	2/17/2014	40.15	16.26	0.00	23.89
	5/19/2014	40.15	16.44	0.00	23.71
	8/11/2014	40.15	17.72	0.00	22.43
	11/17/2014	40.15	16.89	0.00	23.26
	2/25/2015	40.15	16.60	0.00	23.55
	5/21/2015	40.15	17.20	0.00	22.95
	8/3/2015	40.15	18.85	0.00	21.30
	11/24/2015	40.15	16.57	0.00	23.58
	2/23/2016	40.15	16.09	0.00	24.06
	5/9/2016	40.15	17.01	0.00	23.14
	8/23/2016	40.15	17.73	0.00	22.42
	11/29/2016	40.15	14.55	0.00	25.60
	2/14/2017	40.15	14.21	0.00	25.94
	5/25/2017	40.15	16.54	0.00	23.61
	8/7/2017	40.15	17.65	0.00	22.50
	11/28/2017	40.15	14.74	0.00	25.41
	2/6/2018	40.15	14.22	0.00	25.93
	5/29/2018	40.15	17.07	0.00	23.08
	8/14/2018	40.15	17.96	0.00	22.19
	12/5/2018	40.15	16.78	0.00	23.37
	2/20/2019	40.15	16.31	0.00	23.84
KBMW-7	12/14/2009	36.17	13.28	0.00	22.89
	1/18/2010	36.17	12.53	0.00	23.64
	10/31/2011	36.17	15.21	0.00	20.96
	1/31/2012	36.17	12.42	0.00	23.75
	5/7/2012	36.17	12.62	0.00	23.55
	8/20/2012	36.17	14.08	0.00	22.09
	8/5/2013	36.17	14.03	0.00	22.14
	11/11/2013	36.17	13.67	0.00	22.50
	2/17/2014	36.17	12.79	0.00	23.38
	5/19/2014	36.17	12.73	0.00	23.44
	8/11/2014	36.17	14.51	0.00	21.66
	11/17/2014	36.17	13.34	0.00	22.83
	2/25/2015	36.17	12.95	0.00	23.22
	5/21/2015	36.17	13.64	0.00	22.53
	8/3/2015	36.17	14.74	0.00	21.43
	11/24/2015	36.17	12.91	0.00	23.26
	2/23/2016	36.17	12.32	0.00	23.85
	5/9/2016	36.17	13.46	0.00	22.71
	8/23/2016	36.17	14.60	0.00	21.57
	11/29/2016	36.17	11.72	0.00	24.45
	2/14/2017	36.17	12.03	0.00	24.14
	5/25/2017	36.17	12.81	0.00	23.36
	8/7/2017	36.17	14.13	0.00	22.04
	11/28/2017	36.17	12.26	0.00	23.91
	2/6/2018	36.17	12.17	0.00	24.00
	5/29/2018	36.17	13.88	0.00	22.29
	8/14/2018	36.17	14.79	0.00	21.38
	12/5/2018	36.17	13.06	0.00	23.11

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KBMW-7	2/20/2019	36.17	12.74	0.00	23.43
KBMW-8	12/14/2009	35.81	13.98	0.00	21.83
	1/18/2010	35.81	13.39	0.00	22.42
	10/31/2011	35.81	16.78	0.00	19.03
	1/31/2012	35.81	13.44	0.00	22.37
	5/7/2012	35.81	13.60	0.00	22.21
	8/20/2012	35.81	14.75	0.00	21.06
	8/5/2013	35.81	14.74	0.00	21.07
	11/11/2013	35.75	14.22	0.00	21.53
	2/17/2014	35.75	13.42	0.00	22.33
	5/19/2014	35.75	13.63	0.00	22.12
	8/11/2014	35.75	15.01	0.00	20.74
	11/17/2014	35.75	14.04	0.00	21.71
	2/25/2015	35.75	13.76	0.00	21.99
	5/21/2015	35.75	14.38	0.00	21.37
	8/3/2015	35.75	15.19	0.00	20.56
	11/24/2015	35.75	13.63	0.00	22.12
	2/23/2016	35.75	13.33	0.00	22.42
	5/9/2016	35.75	14.29	0.00	21.46
	8/23/2016	35.75	15.09	0.00	20.66
	11/29/2016	35.75	13.06	0.00	22.69
	2/14/2017	35.75	12.16	0.00	23.59
	5/25/2017	35.75	13.76	0.00	21.99
	8/7/2017	35.75	13.78	0.00	21.97
	11/28/2017	35.75	13.22	0.00	22.53
	2/6/2018	35.75	13.16	0.00	22.59
	5/29/2018	35.75	14.31	0.00	21.44
	8/14/2018	35.75	15.00	0.00	20.75
	12/5/2018	35.75	13.72	0.00	22.03
	2/20/2019	35.75	13.54	0.00	22.21
KBMW-9	12/14/2009	35.84	14.38	0.00	21.46
	1/18/2010	35.84	13.82	0.00	22.02
	11/1/2011	35.84	15.60	**0.55**	20.68
	2/1/2012	35.84	14.06	**0.21**	21.95
	5/8/2012	35.84	14.22	**0.23**	21.80
	8/21/2012	35.84	15.68	**0.69**	20.71
	8/5/2013	Not accessible due to road construction			
	11/12/2013	35.50	13.60	**0.07**	21.96
	2/18/2014	35.50	13.30	**Sheen**	22.20
	5/20/2014	35.50	13.59	**Sheen**	21.91
	8/12/2014	35.50	15.18	**0.08**	20.38
	11/18/2014	35.50	14.15	**0.23**	21.53
	2/26/2015	35.50	13.61	**Sheen**	21.89
	5/22/2015	35.50	14.39	**0.16**	21.24
	8/4/2015	35.50	15.33	**0.33**	20.43
	11/25/2015	35.50	13.52	**Sheen**	21.98
	2/24/2016	35.50	13.24	**0.04**	22.29
	5/9/2016	35.50	14.36	**0.35**	21.42
	8/26/2016	35.50	15.47	**0.51**	20.44
	11/29/2016	35.50	12.59	0.00	22.91
	2/16/2017	35.50	12.65	0.00	22.85
	5/25/2017	35.50	13.54	0.00	21.96
	8/9/2017	35.50	14.45	0.00	21.05
	11/29/2017	35.50	13.11	0.00	22.39
	2/8/2018	35.50	12.97	0.00	22.53
	5/31/2018	35.50	14.20	0.00	21.30
	8/16/2018	35.50	14.87	0.00	20.63
	12/7/2018	35.50	13.51	0.00	21.99
	2/22/2019	35.50	13.42	0.00	22.08
KBMW-10	12/14/2009	34.96	13.55	0.00	21.41
	1/18/2010	34.96	13.00	0.00	21.96
	11/1/2011	34.96	14.34	0.00	20.62

Table 1
Groundwater Elevation Data
Quarterly Groundwater Monitoring and Remediation System Status Report – February 2019
Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
KBMW-10	2/1/2012	34.96	12.13	0.00	22.83
	5/8/2012	34.96	13.27	0.00	21.69
	8/21/2012	34.96	14.33	0.00	20.63
	8/5/2013	Not accessible due to road construction			
	11/12/2013	34.56	13.33	0.00	21.23
	2/18/2014	34.56	12.55	0.00	22.01
	5/20/2014	34.56	12.83	0.00	21.73
	8/12/2014	34.56	14.14	0.00	20.42
	11/18/2014	34.56	13.19	0.00	21.37
	2/25/2015	34.56	12.94	0.00	21.62
	5/22/2015	34.56	13.55	0.00	21.01
	8/4/2015	34.56	14.28	0.00	20.28
	11/24/2015	34.56	12.79	0.00	21.77
	2/24/2016	34.56	12.57	0.00	21.99
	5/9/2016	34.56	13.43	0.00	21.13
	8/26/2016	34.56	14.20	0.00	20.36
	11/29/2016	34.56	12.03	0.00	22.53
	2/16/2017	34.56	12.19	0.00	22.37
	5/25/2017	34.56	12.91	0.00	21.65
	8/9/2017	34.56	13.82	0.00	20.74
	11/29/2017	34.56	12.42	0.00	22.14
	2/8/2018	34.56	12.37	0.00	22.19
	5/31/2018	34.56	13.44	0.00	21.12
	8/16/2018	34.56	14.11	0.00	20.45
	12/7/2018	34.56	12.91	0.00	21.65
	2/22/2019	34.56	12.73	0.00	21.83
KBMW-11	10/31/2011	35.01	14.72	0.00	20.29
	1/31/2012	35.01	13.46	0.00	21.55
	5/7/2012	35.01	13.65	0.00	21.36
	8/20/2012	35.01	14.70	0.00	20.31
	8/5/2013	35.01	14.66	0.00	20.35
	11/11/2013	35.01	14.09	0.00	20.92
	2/17/2014	35.01	13.31	0.00	21.70
	5/19/2014	35.01	13.53	0.00	21.48
	8/11/2014	35.01	14.91	0.00	20.10
	11/17/2014	35.01	13.91	0.00	21.10
	2/25/2015	35.01	13.65	0.00	21.36
	5/21/2015	35.01	14.26	0.00	20.75
	8/3/2015	35.01	14.98	0.00	20.03
	11/24/2015	35.01	13.39	0.00	21.62
	2/23/2016	35.01	13.19	0.00	21.82
	5/9/2016	35.01	14.14	0.00	20.87
	8/23/2016	35.01	14.97	0.00	20.04
	11/29/2016	35.01	12.65	0.00	22.36
	2/14/2016	35.01	13.03	0.00	21.98
	5/25/2017	35.01	13.59	0.00	21.42
	8/7/2017	35.01	14.68	0.00	20.33
	11/28/2017	35.01	12.99	0.00	22.02
	2/6/2018	35.01	12.98	0.00	22.03
	5/29/2018	35.01	14.15	0.00	20.86
	8/14/2018	35.01	14.91	0.00	20.10
	12/5/2018	35.01	13.54	0.00	21.47
	2/20/2019	35.01	13.31	0.00	21.70
KBMW-12	10/31/2011	34.16	13.94	0.00	20.22
	2/1/2012	34.16	12.73	0.00	21.43
	5/7/2012	34.16	12.88	0.00	21.28
	8/20/2012	34.16	13.94	0.00	20.22

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Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
KBMW-12	8/5/2013	34.16	13.92	0.00	20.24
	11/11/2013	34.16	13.33	0.00	20.83
	2/17/2014	34.16	12.49	0.00	21.67
	5/19/2014	34.16	12.80	0.00	21.36
	8/11/2014	34.16	14.13	0.00	20.03
	11/17/2014	34.16	13.16	0.00	21.00
	2/25/2015	34.16	12.90	0.00	21.26
	5/21/2015	34.16	13.50	0.00	20.66
	8/3/2015	34.16	14.22	0.00	19.94
	11/24/2015	34.16	12.63	0.00	21.53
	2/23/2016	34.16	12.44	0.00	21.72
	5/9/2016	34.16	13.39	0.00	20.77
	8/23/2016	34.16	14.19	0.00	19.97
	11/29/2016	34.16	11.92	0.00	22.24
	2/14/2017	34.16	12.29	0.00	21.87
	5/25/2017	34.16	12.86	0.00	21.30
	8/7/2017	34.16	13.91	0.00	20.25
	11/28/2017	34.16	12.25	0.00	21.91
	2/6/2018	34.16	12.23	0.00	21.93
	5/29/2018	34.16	13.41	0.00	20.75
	8/14/2018	34.16	14.13	0.00	20.03
	12/5/2018	34.16	12.79	0.00	21.37
	2/20/2019	34.16	12.57	0.00	21.59
ESMW-1	12/14/2009	40.82	15.03	0.00	25.79
	1/18/2010	40.82	13.96	0.00	26.86
	10/31/2011	40.82	16.30	0.00	24.52
	1/31/2012	40.82	13.94	0.00	26.88
	5/7/2012	40.82	14.22	0.00	26.60
	8/20/2012	40.82	16.10	0.00	24.72
	8/5/2013	40.82	16.12	0.00	24.70
	11/11/2013	40.82	15.73	0.00	25.09
	2/17/2014	40.82	14.59	0.00	26.23
	5/19/2014	40.82	14.60	0.00	26.22
	8/11/2014	40.82	16.42	0.00	24.40
	11/17/2014	40.82	15.42	0.00	25.40
	2/25/2015	40.82	14.82	0.00	26.00
	5/21/2015	40.82	15.64	0.00	25.18
	8/3/2015	40.82	16.93	0.00	23.89
	11/24/2015	40.82	15.02	0.00	25.80
	2/23/2016	40.82	13.84	0.00	26.98
	5/9/2016	40.82	15.40	0.00	25.42
	8/23/2016	40.82	16.59	0.00	24.23
	11/30/2016	40.82	13.24	0.00	27.58
	2/14/2017	40.82	13.32	0.00	27.50
	5/25/2017	40.82	14.76	0.00	26.06
	8/7/2017	40.82	15.78	0.00	25.04
	11/28/2017	40.82	13.36	0.00	27.46
	2/6/2018	40.82	14.10	0.00	26.72
	5/29/2018	40.82	15.37	0.00	25.45
	8/14/2018	40.82	15.90	0.00	24.92
	12/5/2018	40.82	14.51	0.00	26.31
	2/20/2019	40.82	14.11	0.00	26.71
ESMW-7	12/14/2009	35.59	14.07	0.00	21.52
	1/18/2010	35.59	13.54	0.00	22.05
	10/31/2011	35.59	14.86	0.00	20.73
	1/31/2012	35.59	13.63	0.00	21.96
	5/7/2012	35.59	13.77	0.00	21.82
	8/20/2012	35.59	14.85	0.00	20.74

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ESMW-7	8/5/2013	Not accessible due to road construction			
	11/12/2013	35.31	14.00	0.00	21.31
	2/17/2014	35.31	13.27	0.00	22.04
	5/19/2014	35.31	13.43	0.00	21.88
	8/11/2014	35.31	14.79	0.00	20.52
	11/17/2014	35.31	13.82	0.00	21.49
	2/25/2015	35.31	13.54	0.00	21.77
	5/21/2015	35.31	14.14	0.00	21.17
	8/3/2015	35.31	14.90	0.00	20.41
	11/24/2015	35.31	13.38	0.00	21.93
	2/23/2016	35.31	13.11	0.00	22.20
	5/9/2016	35.31	14.02	0.00	21.29
	8/23/2016	35.31	14.85	0.00	20.46
	11/29/2016	35.31	12.53	0.00	22.78
	2/14/2017	35.31	12.96	0.00	22.35
	5/25/2017	35.31	13.59	0.00	21.72
	8/7/2017	35.31	14.60	0.00	20.71
	11/28/2017	35.31	13.06	0.00	22.25
	2/6/2018	35.31	13.01	0.00	22.30
	5/29/2018	35.31	14.12	0.00	21.19
	8/14/2018	35.31	14.89	0.00	20.42
	12/5/2018	35.31	13.59	0.00	21.72
	2/20/2019	35.31	13.35	0.00	21.96
RW-1	11/11/2013	36.08	14.69	**Sheen**	21.39
	2/18/2014	36.08	13.85	**Sheen**	22.23
	5/19/2014	36.08	13.40	**Sheen**	22.68
	8/11/2014	36.08	--	**Sheen**	--
	11/17/2014	36.08	13.91	0.00	22.17
	2/25/2015	36.08	15.53	**Sheen**	20.55
	5/21/2015	36.08	14.22	**Sheen**	21.86
	8/3/2015	36.08	15.16	0.00	20.92
	2/23/2016	36.08	13.09	0.00	22.99
	5/9/2016	36.08	14.02	0.00	22.06
	8/23/2016	36.08	15.03	0.00	21.05
	11/29/2016	36.08	12.28	0.00	23.80
	2/14/2017	36.08	12.81	0.00	23.27
	Not Measured -- Pump Installed				
RW-2	11/29/2016	40.51	13.93	0.00	26.58
	2/16/2017	40.51	13.17	0.00	27.34
	Not Measured -- Pump Installed				
Monitoring Wells Associated With Tony's Short Stop Site (326 South Main Street, Montesano, WA)					
TSSMW-1	1/18/2010	32.33	10.62	0.00	21.71
TSSMW-2	1/18/2010	31.94	10.56	0.00	21.38
TSSMW-3	1/18/2010	32.87	11.40	0.00	21.47
TSSMW-4	1/18/2010	31.07	--	**0.08**	--
TSSMW-5	1/18/2010	32.63	11.16	0.00	21.47
TSSMW-6	1/18/2010	33.97	12.31	0.00	21.66
TSSMW-7	1/18/2010	35.04	13.23	0.00	21.81
	10/31/2011	35.04	15.57	0.00	19.47
	2/1/2012	35.04	13.34	0.00	21.70
	5/7/2012	35.04	13.45	0.00	21.59
	8/20/2012	35.04	14.50	0.00	20.54
	8/5/2013	35.04	14.48	0.00	20.56
	11/11/2013	35.09	13.90	0.00	21.19
	2/17/2014	35.09	13.13	0.00	21.96
	5/19/2014	35.09	13.37	0.00	21.72
	8/11/2014	35.09	14.71	0.00	20.38
	11/17/2014	35.09	13.76	0.00	21.33
	2/25/2015	35.09	13.49	0.00	21.60

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TSSMW-7	5/21/2015	35.09	14.09	0.00	21.00
	8/3/2015	35.09	14.83	0.00	20.26
	11/24/2015	35.09	13.31	0.00	21.78
	2/23/2016	35.09	13.05	0.00	22.04
	5/9/2016	35.09	13.98	0.00	21.11
	8/23/2016	35.09	14.78	0.00	20.31
	11/29/2016	35.09	12.55	0.00	22.54
	2/14/2017	35.09	12.91	0.00	22.18
	5/25/2017	35.09	13.46	0.00	21.63
	8/7/2017	35.09	14.47	0.00	20.62
	11/28/2017	35.09	12.89	0.00	22.20
	2/6/2018	35.09	12.88	0.00	22.21
	5/29/2018	35.09	13.99	0.00	21.10
	8/14/2018	35.09	14.70	0.00	20.39
	12/5/2018	35.09	13.41	0.00	21.68
	2/20/2019	35.09	13.21	0.00	21.88
TSSMW-8	1/18/2010	34.52	13.02	0.00	21.50
	10/31/2011	34.52	14.31	0.00	20.21
	2/1/2012	34.52	13.07	0.00	21.45
	5/7/2012	34.52	13.22	0.00	21.30
	8/20/2012	34.52	14.29	0.00	20.23
	8/5/2013	34.52	14.23	0.00	20.29
	11/11/2013	34.52	13.65	0.00	20.87
	2/17/2014	34.52	12.84	0.00	21.68
	5/19/2014	34.52	13.11	0.00	21.41
	8/11/2014	34.52	14.49	0.00	20.03
	11/17/2014	34.52	13.49	0.00	21.03
	2/25/2015	34.52	13.23	0.00	21.29
	5/21/2015	34.52	13.86	0.00	20.66
	8/3/2015	34.52	14.58	0.00	19.94
	11/24/2015	34.52	12.96	0.00	21.56
	2/23/2016	34.52	12.72	0.00	21.80
	5/9/2016	34.52	13.73	0.00	20.79
	8/23/2016	34.52	14.56	0.00	19.96
	11/29/2016	34.52	12.21	0.00	22.31
	2/14/2017	34.52	12.60	0.00	21.92
	5/25/2017	34.52	13.17	0.00	21.35
	8/7/2017	34.52	14.26	0.00	20.26
	11/28/2017	34.52	12.55	0.00	21.97
	2/6/2018	34.52	12.54	0.00	21.98
	5/29/2018	34.52	13.74	0.00	20.78
	8/14/2018	34.52	14.51	0.00	20.01
	12/5/2018	34.52	13.11	0.00	21.41
	2/20/2019	34.52	12.90	0.00	21.62
TSSMW-9	1/18/2010	35.36	13.38	0.00	21.98
	11/1/2011	35.36	14.75	0.00	20.61
	2/1/2012	35.36	13.54	0.00	21.82
	5/7/2012	35.36	13.66	0.00	21.70
	8/21/2012	35.36	14.72	0.00	20.64
	8/5/2013	Not accessible due to road construction			
	11/12/2013	34.69	13.47	0.00	21.22
	2/18/2014	34.69	12.55	0.00	22.14
	5/20/2014	34.69	12.95	0.00	21.74
	8/12/2014	34.69	14.26	0.00	20.43
	11/17/2014	34.69	13.30	0.00	21.39
	2/26/2015	34.69	13.00	0.00	21.69
	5/22/2015	34.69	13.67	0.00	21.02
	8/4/2015	34.69	14.41	0.00	20.28
	11/25/2015	34.69	12.93	0.00	21.76

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TSSMW-9	2/24/2016	34.69	12.68	0.00	22.01
	5/9/2016	34.69	13.58	0.00	21.11
	8/26/2016	34.69	14.29	0.00	20.40
	11/29/2016	34.69	12.15	0.00	22.54
	2/16/2017	34.69	12.27	0.00	22.42
	5/25/2017	34.69	13.02	0.00	21.67
	8/9/2017	34.69	13.91	0.00	20.78
	11/29/2017	34.69	12.53	0.00	22.16
	2/8/2018	34.69	12.43	0.00	22.26
	5/31/2018	34.69	13.52	0.00	21.17
	8/16/2018	34.69	14.29	0.00	20.40
	12/7/2018	34.69	12.99	0.00	21.70
	2/22/2019	34.69	12.86	0.00	21.83
TSSMW-11	1/18/2010	30.03	9.07	0.00	20.96
TSSMW-12	1/18/2010	32.98	11.55	0.00	21.43
	10/31/2011	32.98	13.94	0.00	19.04
	2/1/2012	32.98	11.61	0.00	21.37
	5/7/2012	32.98	11.78	0.00	21.20
	8/20/2012	32.98	12.81	0.00	20.17
	8/5/2013	32.98	12.78	0.00	20.20
	11/11/2013	32.98	12.20	0.00	20.78
	2/17/2014	32.98	11.35	0.00	21.63
	5/19/2014	32.98	11.66	0.00	21.32
	8/11/2014	32.98	13.00	0.00	19.98
	11/17/2014	32.98	12.04	0.00	20.94
	2/25/2015	32.98	11.78	0.00	21.20
	5/21/2015	32.98	12.38	0.00	20.60
	8/3/2015	32.98	13.10	0.00	19.88
	11/24/2015	32.98	11.49	0.00	21.49
	2/23/2016	32.98	12.32	0.00	20.66
	5/9/2016	32.98	12.26	0.00	20.72
	8/23/2016	32.98	13.09	0.00	19.89
	11/29/2016	32.98	10.78	0.00	22.20
	2/14/2017	32.98	11.15	0.00	21.83
	5/25/2017	32.98	11.74	0.00	21.24
	8/7/2017	32.98	12.77	0.00	20.21
	11/28/2017	32.98	11.11	0.00	21.87
	2/6/2018	32.98	11.13	0.00	21.85
	5/29/2018	32.98	12.29	0.00	20.69
	8/14/2018	32.98	13.03	0.00	19.95
	12/5/2018	32.98	11.65	0.00	21.33
	2/20/2019	32.98	11.44	0.00	21.54
TSSMW-13	1/18/2010	34.80	13.34	0.00	21.46

Notes:

All measurements are in feet. Elevations are in feet above mean sea level (AMSL).

-- Not recorded.

LNAPL Light non-aqueous phase liquid

a PVC casing elevation on the north side of the well casing.

- Survey Coordinate System and Zone: Washington State Plane, South Zone coordinates.
- Horizontal Datum: NAD 83(91) US feet (horizontal accuracy: 0.1').
- Vertical Datum: NAVD'88 (vertical accuracy: 0.01').
- Survey of WCMW-1 through WCMW-6 completed July 3, 2008 by Duane Hartman & Associates (DHA).
- Survey of KBMW-1 through KBMW-10, ESMW-1 and ESMW-7 completed December 14, 2009 by DHA.
- Survey of TSSMW-1 through TSSMW-13 completed January 18, 2010 by DHA. TSSMW-10 was not accessible at the time of the survey. Therefore, vertical data was not obtained.
- Survey of WCMW-1R, WCMW-7 through WCMW-10, KBMW-11, KBMW-12 completed on November 14, 2011 by DHA.
- Wells KBMW-4, KBMW-5, KBMW-8, KBMW-9, KBMW-10, ESMW-7, TSSMW-7, and TSSMW-9 re-surveyed on December 10, 2013 by Parametrix following road construction.
- Survey of RW-1 completed December 18, 2013 by EPI.

b Depth to groundwater measured from top of well casing.

c LNAPL thickness = [Depth to LNAPL] - [Depth to Water]; measured from top of well casing using an electronic oil-water interface probe. Bold value indicates measurable thickness.

d Water table elevations adjusted for the presence of LNAPL using the following formula and assumed LNAPL specific gravity of 0.8: [Water Table Elevation] = [PVC Casing Elevation] - [Depth to Water] + [LNAPL Thickness x 0.80].

Table 2
Groundwater Analytical Results (in µg/L)
Quarterly Groundwater Monitoring and Remediation System Status Report – February 2019
Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
Monitoring Wells Associated With Whitney's Chevrolet Site								
WCMW-1	12/13/09	**9,600**	**7.9**	**84.4**	**58.6**	**816**	**121**	**24.6**
	1/19/10 and /Dup3	**5,040/4,910**	**98.3/117**	**125/98.5**	**134/120**	**900/1,330**	**70.5/87.7**	**34.1/35**
WCMW-1R	11/2/11	750	<1.0	**1.2**	**2.6**	**30.2**	**6.3**	**1.5**
	1/31/12	**4,740**	**2.8**	**23.8**	**51.7**	**508**	**130**	**16**
	5/7/2012 and /WC-Dup1	**6,200/5,770**	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	**31.2/25.1**	**125/157**	**20.6/14.7**
	8/20/12	**267**	<1.0	<1.0	<1.0	**31.2**	<5.0	**6.8**
	8/5/13	**1,150**	<1.0	<1.0	<1.0	<2.0	**6.9**	**2.1**
	11/12/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/17/14	**1,180**	<1.0	<1.0	**13.0**	**28.5**	**23.8**	**3.4**
	5/20/14	**7,190**	<1.0	<1.0	**22.4**	**82.1**	**96.4**	**7.5**
	8/11/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/17/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/26/15	**4,280**	<1.0	<1.0	**17.4**	**47.7**	**27.2**	**4.2**
	5/21/2015 and /WC-Dup1	**546/516**	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	8/3/15	**249**	<1.0	<1.0	<1.0	**4.1**	<5.0	<1.0
	11/24/15	**157**	<1.0	<1.0	<1.0	<2.0	<5.0	**1.2**
	2/23/16	**3,630**	<1.0	<1.0	**6.8**	**11.2**	**9.9**	**1.6**
	5/9/16	**1,620**	<1.0	<1.0	**1.8**	**3.1**	**11.8**	<1.0
	8/24/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/30/16	**2,900**	<1.0	<1.0	**5.5**	**12.1**	**5.4**	**1.9**
	2/14/17	**3,750**	<1.0	<1.0	**2.5**	**5.7**	**7.8**	**0.8**
	5/23/17	**355**	<1.0	<1.0	<1.0	<1.0	<1.0	**3.1**
	8/7/17	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/29/17	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/6/18	<100	<1.0	<1.0	<1.0	<1.0	<1.0	**1.3**
	5/30/18	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/15/18	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	12/6/18	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/21/19	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
WCMW-2	12/12/09	**52,000**	**1,020**	**4,350**	**1,970**	**10,000**	**322**	**23.7**
	1/19/10	**41,400**	**2,490**	**14,700**	**6,490**	**29,500**	**340**	**41.9**
	10/31/11	**LNAPL – 0.10 foot (1.2 inches)**						
	2/1/12	**43,600**	**584**	**1,100**	**1,100**	**2,700**	**364**	**21.8**
	5/8/12	**49,600**	**454**	**2,290**	**1,140**	**4,630**	**1,170**	**17.7**
	8/20/12	**LNAPL – 0.03 foot (0.36 inch)**						
	8/6/13	**LNAPL – 0.02 foot (0.24 inch)**						
	11/11/13	**LNAPL – Sheen**						
	2/17/14	**LNAPL – Sheen**						
	5/19/14	**LNAPL – Sheen**						
	8/11/14	**LNAPL – 0.02 foot (0.24 inch)**						
	11/18/14	**63,800**	**666**	**4,010**	**3,520**	**15,100**	**1,010**	**36**
	2/26/15	**LNAPL – Sheen**						
	5/21/15	**LNAPL – 0.01 foot (0.12 inch)**						
	8/3/15	**LNAPL – 0.54 foot (6.48 inches)**						
	11/24/15	**LNAPL – 0.04 foot (0.48 inches)**						
	2/23/16	**LNAPL – Sheen**						
	5/9/16	**LNAPL – Sheen**						
	8/23/16	**LNAPL – 0.51 foot (6.12 inches)**						
	11/30/16	**49,500**	**271**	**1,800**	**2,050**	**8,300**	**1,010**	**20.1**
	2/15/17	**58,200**	**94**	**2,230**	**1,330**	**5,320**	**950**	**17.1**
	5/24/17	**65,500**	**166**	**1,840**	**1,780**	**7,820**	**1,300**	**25.4**

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123 Pioneer Avenue, Montesano, Washington

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WCMW-2	8/9/17	LNAPL – 0.51 foot (6.12 inches)						
	11/28/17 and /DUP-1	31,300/35,700	61/71	1,520/1,500	1,140/1,120	5,610/5,540	428/620	27/29
	2/8/18	43,000	48	1,100	54	4,640	400	27
	5/31/18	72,500	29	1,170	758	3,200	773	27
	8/15/18	45,200	17	578	2,350	4,550	456	18
	12/6/18 and /DUP-1	11,600/16,000	3.0/4.4	62/92	21/17	1,870/1,470	131/249	21/17
	2/21/19 and /DUP-1	10,500/10,100	5.2/7.4	246/252	408/372	1,760/1,860	131/139	16/20
WCMW-3	12/12/09	41,000	575	2,190	118	6,450	171	27.1
	1/19/10	26,300	2,370	11,000	4,710	23,400	554	25.5
	11/2/11	37,800	394	2,980	1,760	8,810	534	14.9
	2/2/12	38,600	473	694	941	1,590	749	14.2
	5/9/12	52,500	709	2,950	1,350	6,030	1,280	11.0
	8/22/12	68,900	630	3,660	1,690	8,430	795	14.4
	8/7/13	101,000	346	2,340	1,600	8,200	930	5
	11/12/13	50,900	473	3,360	1,980	9,730	1,040	15
	2/18/14	65,000	397	1,970	1,350	6,450	888	11.8
	5/19/14	58,300	529	2,600	1,720	8,120	1,120	11.0
	8/12/14	138,000	358	3,010	1,940	10,200	4,730	13.2
	2/26/15	43,400	307	1,640	1,820	8,120	403	22.0
	8/4/15	51,500	280	2,680	2,800	12,300	762	24.8
	11/25/2015 and /WC-Dup1	62,000/49,800	169/173	1,640/1,700	1,960/1,790	9,950/9,500	498/275	24/27
	2/24/16	56,200	227	1,330	1,400	7,220	737	14.9
	5/9/16	46,400	179	1,350	1,720	8,790	884	11.9
	8/25/16	49,000	190	1,800	1,710	7,920	358	13.2
	11/30/16	25,400	219	1,480	1,740	7,750	315	13
	2/15/17	23,500	218	1,990	1,340	5,800	797	10.4
	5/24/17	47,200	171	1,410	1,130	5,540	980	13.9
	8/9/17	37,500	96	1,410	1,190	5,670	807	12
	11/28/17	36,700	102	1,180	1,220	5,560	620	13
	2/8/18	45,200	64	1,740	102	6,120	384	12
	5/31/18	40,900	43	510	1.9	2,100	345	15
	8/15/18	15,700	14	157	<1.0	1,230	180	3.3
	12/6/18	13,400	12	90	<1.0	2,680	219	66.0
	2/21/19	8,800	17	184	301	1,450	95	7.5
WCMW-4	12/13/09	26,000	115	2,040	266	5,460	12.6	24
	1/19/10	16,900	167	3,330	1,660	8,150	324	27.5
	11/1/11	7,950	13.1	236	385	1,730	192	21.1
	2/1/12	683	<1.0	<1.0	<1.0	32	30.6	<1.0
	5/8/12 and /WC-Dup2	<100/<100	<1.0/<1.0	<1.0/<1.0	1.1<1.0	<2.0/<2.0	<5.0/<5.0	1.4/1.4
	8/21/12	10,100	50.6	453	132	2,030	221	50.7
	8/7/13	55,100	38	429	844	3,890	607	18.4
	11/11/13	10,600	11	188	346	1,830	351	24
	2/18/14	15,600	12.6	127	51.2	1,750	243	12.2
	5/19/14	22,600	28.9	352	544	2,920	473	12.8
	8/11/14	26,500	16	507	927	5,450	473	8.4
	11/17/14	29,900	22	459	457	9,900	304	27
	2/26/15	33,300	56.8	551	1,160	6,080	245	11.8
	5/21/15	36,200	68	506	561	4,770	534	7.4
	8/3/15	31,600	39.5	512	697	8,240	765	20.3
	11/24/15	25,500	23	430	377	4,410	460	18
	2/24/16	16,000	21.0	168	46.7	2,170	329	15.3

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WCMW-4	5/9/16	**27,200**	**45.6**	**350**	**998**	**4,900**	**828**	**19.4**
	8/24/16	**22,500**	**23.9**	**154**	**350**	**2,920**	**191**	**8.0**
	11/29/16	**217**	<1.0	<1.0	<1.0	**9.1**	<5.0	<1.0
	2/15/17	**2,340**	**2.1**	**10.1**	<1.0	**234**	**35.5**	**3.3**
	5/24/17	**31,600**	**19.9**	**272**	**739**	**4,100**	**654**	**18.1**
	8/8/17	**17,300**	**4.5**	**89.1**	**185**	**1,830**	**389**	**9.1**
	11/29/17	**4,570**	**1.1**	**35**	**33**	**645**	**51**	**5.1**
	2/7/18	**5,730**	<1.0	**32**	**80**	**597**	**73**	**8.4**
	5/30/2018 and /Dup-1	**51,200/ 34,200**	<1.0/<1.0	**101/116**	**382/126**	**4,580/3,440**	**746/808**	**5.9/8.4**
	8/15/2018 and /Dup-1	**42,000/ 36,300 E**	<1.0/<1.0	**100/100**	**426/235**	**3,140/2,340**	**302/575**	**7.9/6.3**
	12/6/18	**8,150**	<1.0	<1.0	<1.0	**144**	**327**	**12.0**
	2/20/19	**9,200**	<1.0	**56**	**259**	**1,500**	**44**	**20**
WCMW-5	12/13/09	**7,900**	**267**	**274**	**39.7**	**1,440**	**57.3**	**13.7**
	1/19/10	**6,890**	**593**	**1,290**	**1,070**	**4,960**	**174**	**14.4**
	11/1/11	**4,350**	**51.4**	**176**	**278**	**830**	**77.7**	**4.7**
	2/1/12	**4,280**	**71.1**	**192**	**223**	**801**	**137**	**3.1**
	5/8/12	**9,050**	**140**	**125**	**93.6**	**1,060**	**376**	**3.3**
	8/22/12	**8,000**	**164**	**307**	**93.6**	**1,690**	**232**	**4.9**
	8/7/13	**26,200**	**113**	**346**	**436**	**1,690**	**298**	**2.2**
	2/18/14	**6,290**	**63.3**	**47.9**	**205**	**379**	**127**	**4.4**
	8/11/14	**15,500**	**76**	**426**	**412**	**1,910**	**955**	**1.2**
	2/26/15	**7,760**	**167**	**115**	**153**	**872**	**156**	**9.8**
	8/3/15 and /Dup2	**3,540/3,460**	**16.4/16.4**	**52.6/45.8**	**6.8/<1.0**	**823/569**	**163/78.0**	<5.0/<1.0
	2/23/16	**8,680**	**51.4**	**35.4**	<1.0	**1,070**	**259**	<1.0
	8/24/2016 and /Dup-2	**4,960/815**	**16.5/2.4**	**46.6/1.8**	**4.7**/<1.0	**652/37.0**	**76.7/11.3**	<2.0/<1.0
	2/15/17 and /Dup-1	**7,120/5,590**	**71.9/62.3**	**122/104**	**108/118**	**505/512**	**185/185**	**5.2/5.4**
	8/8/17 and /WCMW-DUP2	**16,400/16,900**	**51.9/50.6**	**356/531**	**10.5/79**	**2,220/2,580**	**210/215**	<1.0/<1.0
	2/7/18	**4,800**	**16**	**33**	**86**	**221**	**61**	**5.3**
	8/15/18	**14,700**	**47**	**199**	**81**	**1,080**	**246**	<1.0
	2/21/19	**1,200**	**4.9**	**9.6**	**12**	**89**	**50**	**4.2**
WCMW-6	12/13/09	<100	<1	<1	<1	<2	<5.0	**4.7**
	1/19/10 and /Dup2	<100/<100	<1/<1	<1/<1	<1/<1	<2/<2	<5.0/<5.0	**3.5/4**
	10/31/11	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	1/31/12 and /WC-Dup1	<100/<100	<1/<1	<1/<1	<1/<1	<2/<2	<5.0/<5.0	**1.1**/<1.0
	5/7/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/20/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.2**
	8/7/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/11/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.4**
	2/18/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/19/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/12/14	<100	<1.0	<1.0	<1.0	<2.0	**6.6**	<1.0
	2/26/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/3/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.5**
	2/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.2**
	8/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/14/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/7/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/14/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0

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WCMW-7	10/31/11 and /WC-Dup1	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0	**1.3**/<1.0
	1/31/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.8**
	5/7/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.2**
	8/20/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.2**
	8/5/13 and /WCMW-Dup1	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/1.0	<2.0/<2.0	<5.0/<5.0	**2.9/2.7**
	8/11/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/3/15	<100	<1.0	**2.9**	<1.0	<2.0	<5.0	<1.0
	8/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/7/17 and /WCMW-DUP1	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/1.0	<2.0/<2.0	<5.0/<5.0	**1.9/1.9**
	8/14/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
WCMW-8	10/31/11	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.1**
	1/31/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**5.3**
	5/7/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.8**
WCMW-8	8/20/12 and /WC-Dup1	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	**6.6/6.1**
	8/5/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**4.3**
	2/17/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.8**
	8/11/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/26/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**5.8**
	8/3/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**3.5**
	2/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**4.4**
	8/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/14/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.9**
	8/7/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.8**
	2/8/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/14/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
WCMW-9	10/31/11	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.5**
	1/31/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/7/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/20/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/5/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/12/13	<100	<1.0	**1.3**	<1.0	<2.0	**14**	**1.1**
	2/17/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/19/14 and /WC-Dup1	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	8/11/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/3/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.1**
	8/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/7/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
WCMW-10	10/31/11	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	1/31/12	**1,230**	<1.0	<1.0	**2.3**	<2.0	**43.0**	<1.0
	5/7/12	**2,060**	<1.0	<1.0	<1.0	<2.0	**28.8**	<1.0
	8/20/12	**2,690**	<1.0	<1.0	<1.0	<2.0	**37.4**	<1.0
	8/5/13	**2,770**	<1.0	<1.0	<1.0	<2.0	**52.0**	<1.0
	11/11/13	**2,400**	<1.0	**1.2**	<1.0	<2.0	**47.0**	<1.0
	2/17/14	**2,510**	<1.0	<1.0	**1.7**	<2.0	**36.5**	<1.0
	5/19/14	**2,580**	<1.0	<1.0	**6.2**	<2.0	**75.2**	<1.0
	8/11/14	**9,600**	<1.0	**1.4**	**3.5**	**7.1**	**64.7**	<1.0
	11/17/14	**2,100**	<1.0	<1.0	<1.0	**3.6**	**32**	<1.0
	2/26/2015 and Dup-1	**2510/2750**	<1.0	<1.0	**4.9**	<2.0	**27.7**	<1.0
	5/21/15	**3,030**	<1.0	<1.0	<1.0	<2.0	**29.1**	<1.0
	8/3/2015 and Dup-1	**2270/2640**	<1.0/<1.0	<1.0/<1.0	**1.4/1.2**	<2.0/<2.0	30.2/41.0	<1.0/<1.0
	11/24/15	**2,800**	<1.0	<1.0	**1.6**	<2.0	**13**	<1.0

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Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
WCMW-10	2/23/16	**3,570**	<1.0	<1.0	**6.0**	<2.0	**67.6**	<1.0
	5/9/16	**2,270**	<1.0	<1.0	**1.9**	<2.0	**78.7**	<1.0
	8/24/16	**600**	<1.0	<1.0	<1.0	<2.0	**28.7**	<1.0
	11/29/16	**2,060**	<1.0	<1.0	**1.7**	**5.3**	**7.5**	<1.0
	2/14/16	**2,820**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/23/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/7/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/28/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/6/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/30/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/15/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	12/6/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/21/19	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
KBMW-1	12/13/09	<100	<1	<1	<1	<2	<5.0	**9.3**
	1/18/10	<100	**9.8**	<1	<1	<2	<5.0	**9.8**
	11/1/11	<100	<1.0	<1	<1.0	<2	<5.0	<1.0
	2/2/12	**211**	<1.0	<1.0	<1.0	<2.0	<5.0	**3.3**
	5/9/12	**236**	**1.7**	<1.0	<1.0	<2.0	<5.0	**6.3**
KBMW-1	8/22/12 and /WC-Dup3	**245/**<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0<2.0	<5.0/<5.0	<1.0/<1.0
	8/7/13	**404**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/17/14 and WC-Dup1	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	**2.6/2.5**
	8/12/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/26/15	**305**	**3.6**	<1.0	<1.0	<2.0	<5.0	**6.9**
	8/3/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**0.9j**
	2/24/16	**355**	**12.4**	<1.0	<1.0	<2.0	<5.0	**8.7**
	8/24/16	**110**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/15/17	<100	**6.0**	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	**138**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/8/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/14/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/21/19	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
KBMW-2	12/13/09	**38,000**	**553**	**5,750**	<1	**8,110**	**228**	**9.2**
	1/18/10	**27,500**	**709**	**8,310**	**2,200**	**10,300**	**282**	<1
	10/31/11	**LNAPL – 0.04 foot (0.48 inches)**						
	2/2/12	**38,300**	**190**	**2,170**	**864**	**3,280**	**302**	<1.0
	5/9/12	**43,600**	**261**	**2,790**	**714**	**3,430**	**582**	<1.0
	8/20/12	**LNAPL – 0.21 foot (2.52 inches)**						
	8/6/13	**LNAPL – 0.40 foot (4.80 inches)**						
	11/11/13	**LNAPL – 0.01 foot (0.12 inch)**						
	2/17/14	**LNAPL – Sheen**						
	5/19/14	**LNAPL – Sheen**						
	8/11/14	**LNAPL – 0.01 foot (0.06 inch)**						
	11/18/14	**41,100**	**156**	**3,960**	**1,510**	**6,190**	**2,440**	<20
	2/26/15	**LNAPL – Sheen**						
	5/21/15	**LNAPL – Sheen**						
	8/3/15	**LNAPL – 0.05 foot (0.6 inch)**						
	11/25/15	**LNAPL – Sheen**						
	2/23/16	**LNAPL – 0.02 foot (0.24 inch)**						
	5/9/16	**LNAPL – 0.02 foot (0.24 inch)**						
	8/23/16	**LNAPL – 0.03 foot (0.36 inch)**						
	11/30/16	**8,700**	**19.6**	**363**	**185**	**929**	**297**	**5.4**
	2/15/17	**12,400**	**43.0**	**618**	**129**	**1,100**	**204**	**3.2**

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Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
KBMW-2	5/24/2017 and DUP-1	**2,880/2,740**	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	**94.5/176**	**27.2/<5.0**	**3.3/5.8**
	8/8/17	**2,400**	<1.0	**8.6**	<1.0	**288**	<5.0	**1.6**
	11/29/17	**1,820**	<1.0	**1.1**	**21**	**223**	**25**	**1.2**
	2/7/2018 and DUP-1	**1,060/1,170**	<1.0/<1.0	<1.0/<1.0	**1.2**/<1.0	**29/27**	**13/7.6**	<1.0/<1.0
	5/31/18	**1,510**	<1.0	<1.0	<1.0	**3.7**	<5.0	<1.0
	8/16/18	**152**	<1.0	<1.0	<1.0	<2.0	<5.0	**1.1**
	12/7/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/21/19	**150**	<1.0	<1.0	<1.0	**3.0**	<5.0	**0.93 J**
KBMW-3	12/13/09	**200**	**10**	**3.5**	<1	**3.8**	<5.0	<1
	1/18/10	**160**	**10.9**	**9.1**	<1	**4.2**	**5.3**	<1
	11/2/11	**657**	**6.3**	**1.2**	**12.3**	**15.2**	**12.9**	<1.0
	2/2/12	**191**	**4.3**	<1.0	<1.0	<2.0	<5.0	<1.0
	5/9/12	**346**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/22/12	**787**	**7.1**	**3.1**	**14.7**	**55.7**	**14.8**	<1.0
	8/6/13	**475**	**2.0**	<1.0	<1.0	<2.0	<5.0	<1.0
	2/17/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/12/14	**430**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/26/15	**280**	**1.7**	<1.0	<1.0	<2.0	<5.0	<1.0
	8/4/15	**2,440**	**10.8**	**2.9**	**28.6**	**67.8**	**24.0**	<1.0
	2/24/2016 and /WCMW-Dup2	<100/**103**	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	8/24/16	**2,480**	**15.1**	**3.5**	**36.1**	**68.3**	**25.7**	<1.0
	2/15/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/7/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/15/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/20/19	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
KBMW-4	12/13/09	**24,000**	**279**	**431**	**1,390**	**4,340**	**195**	**4.2**
	1/19/10	**25,400**	**565**	**1,140**	**1,800**	**6,300**	**200**	<1
	10/31/11	**LNAPL – Sheen**						
	2/1/12	**8,960**	**16**	**7.6**	**116**	**276**	**62.3**	<1.0
	5/8/12	**22,600**	**71.8**	**46.5**	**565**	**1,250**	**517**	<1.0
	8/21/12	**20,600**	**69.2**	**67**	**598**	**1,270**	**298**	<1.0
	8/6/13	**29,600**	**37**	**29**	**744**	**1,330**	**416**	<1.0
	11/12/13	**9,610**	**37**	**25**	**575**	**992**	**293**	<1.0
	2/18/14	**7,030**	**17.8**	**9.9**	**234**	**281**	**106**	<1.0
	5/20/14 and /WCMW-Dup2	**3,940/4,000**	**10.4/9.8**	**4.3/4.1**	**142/122**	**123/124**	**115/107**	<1.0/<1.0
	8/12/14	**28,000**	**22.1**	**22**	**497**	**1,510**	**426**	<1.0
	11/18/14	**2,730**	**11**	**3.0**	**112**	**280**	**48**	<1.0
	2/26/15	**2,070**	**2.7**	<1.0	**4.9**	**17**	**26.5**	<1.0
	5/21/15	**3,270**	<1.0	<1.0	<1.0	**68**	**44**	<1.0
	8/4/15	**3,280**	**15.8**	**15.2**	**84.4**	**354**	<5.0	<1.0
	11/24/15	**1,970**	**6.7**	**1.5**	**58**	**53**	**26**	<1.0
	2/24/16	**1,730**	<1.0	<1.0	**2.4**	<2.0	<5.0	<1.0
	5/9/16	**2,860**	**3.2**	<1.0	**12.8**	**11.1**	**23.4**	<1.0
	8/25/16	**1,870**	**9.6**	**13.4**	**192**	**309**	**74.0**	<1.0
	11/29/16	**190**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/15/17	**350**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/24/17	**208**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	**520**	**1.0**	**2.7**	**9.6**	**58.6**	<5.0	<1.0
	11/29/17	<100	<1.0	<1.0	<1.0	**3.9**	<5.0	<1.0
	11/29/17	<100	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0
	5/31/18	**500**	<1.0	<1.0	<1.0	<1.0	<5.0	<1.0

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KBMW-4	8/15/18	<100	<1.0	<1.0	<1.0	**5.3**	<5.0	<1.0
	12/6/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/21/19	**120**	<1.0	<1.0	<1.0	**4.1**	<5.0	<1.0
KBMW-5	12/13/09	<100	<1	<1	<1	<2	<5.0	<1
	1/18/10	<100	<1	<1	<1	<2	<5.0	<1
	11/2/11	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/2/12	<100	<1.0	<1.0	<1.0	<2.0	**6.1**	<1.0
	5/9/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/22/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/6/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/12/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/17/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/20/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/13/14 and /Dup-3	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	8/4/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/24/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/16/18 and /Dup-2	<100/**190**	<1.0/<1.0	**1.6/0.94J**	<1.0/<1.0	**1.9J/2.5**	**8.6/7.1**	<1.0/<1.0
KBMW-6	12/13/09	<100	<1	<1	<1	<2	<5.0	<1
	1/18/10	<100	<1	<1	<1	<2	<5.0	<1
	11/2/11 and /WC-Dup3	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	2/2/12 and /WC-Dup3	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	5/9/12 and /WC-Dup3	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	8/21/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/6/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/12/14 and /Dup-2	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	**5.6**/<5.0	<1.0/<1.0
	8/3/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
KBMW-7	12/13/09	**800**	**11.6**	**4.1**	<1	**13.1**	**16**	**9.1**
	1/19/10	**1,090**	**8.5**	**13**	**146**	**352**	**39.5**	**6.8**
	11/1/11	**1,090**	**20.6**	**20.3**	**98.6**	**287**	**84.7**	**4.7**
	1/31/12	**1,460**	**4.2**	**1.4**	**31.6**	**114**	**43.6**	**2**
	5/7/12	**1,170**	**1.7**	**1.7**	**2.3**	**42.4**	**11.0**	<1.0
	8/21/12	**1,750**	**14.7**	**6.1**	<1.0	**92.6**	**21.3**	**1.4**
	8/6/13	**2,630**	**13.4**	**12.4**	**42.7**	**88.0**	**12.3**	<1.0
	11/11/13	**8,640**	**106**	**43**	**295**	**768**	**263**	**3.5**
	2/18/14	**2,260**	**9.5**	**2.8**	**49.3**	**76.2**	**42.8**	<1.0
	5/19/14	**1,650**	**9.0**	**3.2**	**41.7**	**63.6**	**38.9**	<1.0
	8/11/14	**1,880**	**27.6**	**26.9**	**48.5**	**96.9**	**52.5**	<1.0
	11/18/14 and Dup-2	**3,290/2,870**	**30/31**	**1.8/1.6**	**25/18**	**49/48**	**111/63**	<1.0/<1.0
	2/26/15	**1,560**	**11.2**	**3.2**	**25.8**	**54.2**	**25.9**	<1.0
	5/21/15	**3,460**	**32.0**	**14**	**48**	**155**	**55**	<1.0
	8/3/15	**1,640**	**13.5**	**15.0**	<1.0	**157**	**19.3**	**1.1**
	11/24/15	**958**	**2.4**	<1.0	<1.0	**3.8**	<5.0	<1.0
	2/23/16	**2,420**	**10.7**	**3.2**	**34.3**	**46.5**	**51.2**	**1.3**
	5/9/16	**1,040**	**12.8**	**5.6**	**32**	**21.6**	**22.2**	<1.0
	8/24/2016 and /Dup-1	**680/219**	**5.8**/<1.0	**4.1**/<1.0	<1.0/<1.0	**57.8**/<2.0	**20.4/11.6**	<1.0/<1.0
	11/30/16	**1,140**	**10.2**	**3.2**	**2.2**	**32.4**	**8.8**	**1.7**
	2/14/17	**3,170**	**12.5**	**7.2**	**37.5**	**117**	**53.2**	**2.6**

Table 2
Groundwater Analytical Results (in µg/L)
Quarterly Groundwater Monitoring and Remediation System Status Report – February 2019
Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
KBMW-7	5/23/17	**1,020**	**10.7**	**3.8**	<1.0	**63.1**	<5.0	**3.2**
	8/8/17	**114**	**1.6**	<1.0	<1.0	<2.0	<5.0	<1.0
	11/29/17	**880**	**2.0**	<1.0	**9.2**	**11**	**18**	<1.0
	2/7/18	**2,640**	**12.0**	**10**	**66**	**81**	**33**	**1.6**
	5/30/18	**2,020**	**3.2**	**2.2**	<1.0	**52**	**11**	**1.2**
	8/15/18	**1,350**	<1.0	**23**	**5.0**	**35**	**116**	<1.0
	12/6/18	**500**	**1.2**	<1.0	<1.0	**6.7**	<5.0	<1.0
	2/20/19	**840**	<1.0	<1.0	<1.0	**15**	**7.9**	<1.0
KBMW-8	12/13/09 and /Dup2	**2,700/4,000**	**54.4/64.5**	**8.9/20.8**	<1/**6.8**	**147/262**	<5.0/<5.0	**4.5/3.7**
	1/19/10	**223**	**21.8**	**48.4**	**19.5**	**76.2**	**38.7**	**3.9**
	11/1/11	**1,990**	**19.9**	**5.0**	**108**	**66.3**	**45.4**	<1.0
	2/1/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/8/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/21/12	**209**	**3.4**	<1.0	**6.7**	<2.0	<5.0	<1.0
	8/6/13 and /WCMW-Dup2	**335/506**	**3.5/3.6**	<1.0/<1.0	**8.8/6.1**	**2.2**/<2.0	**5.9**/<5.0	<1.0/<1.0
	2/18/14 and WC-Dup2	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	8/12/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/26/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/4/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/25/16	**360**	**2.6**	<1.0	<1.0	**5.0**	<5.0	<1.0
	2/15/17	**380**	**2.1**	<1.0	**1.9**	**4.9**	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/7/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/14/18	<100	<1.0	<1.0	<1.0	<2.0	**68**	<1.0
	2/21/19	<100	<1.0	<1.0	**3.2**	**16.7**	<5.0	<1.0
KBMW-9	12/14/09	**37,000**	**516**	**3,850**	**1,900**	**9,100**	**479**	**1.8**
	1/18/10	**24,900**	**778**	**6,290**	**3,760**	**17,000**	**370**	**2**
	11/1/11	**LNAPL – 0.55 foot (6.60 inches)**						
	2/1/12	**LNAPL – 0.21 foot (2.52 inches)**						
	5/8/12	**LNAPL – 0.23 foot (2.76 inches)**						
	8/21/12	**LNAPL – 0.69 foot (8.28 inches)**						
	8/5/13	Not accessible due to road construction						
	11/12/13	**LNAPL – 0.07 foot (0.84 inch)**						
	2/18/14	**LNAPL – Sheen**						
	5/20/14	**LNAPL – Sheen**						
	8/12/14	**LNAPL – 0.08 foot (1 inch)**						
	2/26/15	**LNAPL – Sheen**						
	5/22/15	**LNAPL – 0.16 foot (1.92 inches)**						
	8/3/15							
	11/25/15	**LNAPL – Sheen**						
	2/24/16	**LNAPL – 0.04 foot (0.48 inches)**						
	5/9/16	**LNAPL – 0.04 foot (0.48 inches)**						
	8/23/16	**LNAPL – 0.51 foot (6.12 inches)**						
	11/30/16	**39,500**	**49.1**	**417**	**1,800**	**9,170**	**651**	**1.2**
	2/16/17	**49,800**	**22.8**	**342**	**918**	**5,300**	**670**	<1.0
	5/25/17	**43,400**	**22.5**	**203**	**916**	**5,330**	**851**	<1.0
	8/9/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/29/17	**17,500**	**5.9**	**100**	**493**	**2,900**	**289**	<1.0
	2/8/18	**16,900**	**2.9**	**25**	**315**	**1,840**	**87**	<1.0
	5/31/18	**30,000**	<1.0	**59**	**510**	**2,820**	**855**	<1.0
	8/16/18	**34,100**	**1.7**	**28**	**543**	**2,970**	**537**	<1.0

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Groundwater Analytical Results (in µg/L)
Quarterly Groundwater Monitoring and Remediation System Status Report – February 2019
Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
KBMW-9	12/7/18	**714**	<1.0	<1.0	<1.0	**26**	**131**	<1.0
	2/22/19	<100	<1.0	<1.0	<1.0	**32**	**5.5**	<1.0
KBMW-10	12/14/09	<100	<1	<1	<1	<2	<5.0	**5.9**
	1/18/10	<100	<1	<1	<1	<2	<5.0	**4.2**
	11/1/11	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.4**
	2/1/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.5**
	5/8/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.6**
	8/21/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.7**
	8/5/13	Not accessible due to road construction						
	11/12/13	**160**	**7.8**	<1.0	**1.6**	<2.0	<5.0	**2.4**
	8/12/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/4/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.0**
	8/26/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/9/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/16/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
KBMW-11	8/12/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/4/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.0**
	11/1/11	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/1/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/8/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/21/12	<100	**2.0**	<1.0	<1.0	<2.0	<5.0	<1.0
	8/6/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/12/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/3/15	**397**	<1.0	**6.4**	**9.7**	**51.9**	**74.8**	<1.0
	8/25/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
KBMW-12	11/1/11	**49,000**	**1,470**	**3,780**	**2,290**	**9,210**	**376**	<1.0
	2/1/12	**51,600**	**4,440**	**12,600**	**2,330**	**10,500**	**212**	<1.0
	5/8/12	**83,000**	**2,090**	**8,370**	**3,000**	**11,100**	**310**	<1.0
	8/21/12	**68,400**	**932**	**5,500**	**2,010**	**8,130**	**297**	<1.0
	8/6/13	**104,000**	**398**	**5,100**	**2,100**	**9,260**	**245**	<1.0
	8/12/14	**55,700**	**270**	**2,620**	**1,380**	**5,850**	**129**	<1.0
	8/3/15	**20,400**	**62.6**	**528**	**1,170**	**4,580**	**149**	<1.0
	8/25/16	**6,420**	**75.8**	**35**	**290**	**719**	**40.0**	<5.0
	8/8/17	**17,200**	**22.8**	**25.5**	**873**	**1,920**	**86.1**	<5.0
ESMW-1	12/13/09 and /Dup1	**800/650**	**11.3/8.8**	**8.2**/<1	**1.1**/<1	**29.6/12.1**	<5.0/<5.0	<1/<1
	1/19/10 and /Dup1	**658/695**	**10.9/10.9**	**10.2/10.4**	**3.5/3.2**	**32.2/29.5**	**28.2/29.1**	<1/<1
	10/31/11	**1,300**	**6.2**	**4.3**	**28.2**	**37.1**	**12.4**	<1.0
	1/31/12	**2,060**	**7.5**	**6.3**	**46.2**	**47.5**	**57.6**	<1.0
	5/7/12	**4,180**	**5.8**	**4.2**	**38.7**	**13.5**	**20.4**	<1.0
	8/20/12	**1,430**	**2.0**	<1.0	**2.1**	**7.4**	<5.0	<1.0
	8/5/13	**585**	**1.4**	<1.0	**2.9**	<2.0	**1.9**	<1.0
	11/11/13	**449**	**4.4**	**1.5**	**29**	**3.3**	<5.0	<1.0
	2/17/14	**1,500**	**4.4**	**1.8**	**27.1**	**4.1**	**11.9**	<1.0
	5/19/14	**1,540**	**3.2**	**1.0**	**25.2**	<2.0	**17.1**	<1.0
	8/11/14 and /WC-Dup1	**500/**<100	<1.0/<1.0	<1.0/<1.0	**3.1/**<1.0	<2.0/2.0	<5.0/<5.0	<1.0/<1.0
	11/17/14	**358**	<1.0	<1.0	**4.3**	**2.7**	**41**	<1.0
	2/26/2015 and Dup-2	**1180/1450**	**3.2/4.0**	**1.4/1.9**	**27/30.8**	**4.4/6.1**	**14/20.2**	<1.0/<1.0
	5/21/15	**610**	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	8/3/15	**100**	<1.0	<1.0	<1.0	<2.0	<1.0	<1.0
	11/24/15	**325**	<1.0	<1.0	**8.5**	**2.9**	<1.0	<1.0

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Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
ESMW-1	8/11/14 and /WC-Dup1	**1,960/1,890**	**1.8/1.8**	**1.0/1.0**	**38.3/36.0**	**1.9j/1.9j**	**5.2/6.0**	<1.0/<1.0
	5/9/16	**500**	<1.0	<1.0	**1.7**	<2.0	<5.0	<1.0
	8/24/16	**100**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/30/16	**927**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/14/17	**1,240**	<1.0	<1.0	**7.2**	<2.0	<5.0	<1.0
	2/14/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/7/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/28/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/6/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/30/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/15/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	12/6/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/21/19	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
ESMW-7	12/13/09	**3,600**	**76.5**	**30.2**	**5.1**	**680**	<5.0	**6.4**
	1/19/10	**1,990**	**127**	**39.5**	**292**	**649**	**32.1**	<1
	11/1/12	**5,800**	**135**	**31.4**	**520**	**645**	**133**	<1.0
	2/1/12 and /WC-Dup2	**1,180/804**	**56.6/29.1**	**7.7/3.9**	**91/20.1**	**127/67.4**	**38.9**	<1.0/<1.0
	5/8/12	**5,350**	**94.8**	**41.8**	**207**	**427**	**106**	<1.0
	8/21/12 and /WC-Dup2	**10,200/ 16,000**	**312/349**	**45.1/46.7**	**612/789**	**1,400/1,700**	**409/420**	<1.0/<1.0
	8/5/13	Not accessible due to road construction						
	11/12/13	**18,100**	**188**	**158**	**1,200**	**2,860**	**536**	<1.0
	2/18/14	**718**	**10.7**	**3.7**	**45.7**	**67.5**	**17.7**	<1.0
	5/19/14	**147**	**2.2**	<1.0	**7.0**	**15.3**	**3.2**	<1.0
	8/12/14	**10,500**	**108**	**18.7**	**253**	**300**	**395**	<1.0
	11/18/14	**6,210**	**57**	**35**	**503**	**1,170**	**114**	<5.0
	2/26/15	**10,100**	**122**	**74**	**512**	**988**	**196**	<5.0
	5/22/15	**10,100**	**159**	**66**	**955**	**1,300**	**360**	<5.0
	8/4/2015 and WC-Dup3	**8,100/10,900**	**71.0/77.6**	**32.9/33.9**	**634/885**	**910/1,300**	**166/332**	<5.0/<1.0
	11/25/15	**7,340**	**58**	**31**	**402**	**655**	**57**	<1.0
	2/24/16	**322**	**2.5**	**1.2**	**14.8**	**17.2**	<5.0	<1.0
	5/9/2016 and WC-Dup1	**11,200/9,300**	**112/79.5**	**58.0/36.0**	**706/593**	**873/727**	**858/704**	<1.0/<1.0
	8/25/16	**4,520**	**79.2**	**23.2**	**440**	**273.0**	**106**	<5.0
	11/30/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/15/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/24/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/29/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/7/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/30/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/15/18	**126**	<1.0	<1.0	<1.0	**5.5**	**7.1**	<1.0
	2/21/19	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
Monitoring Wells Associated With Tony's Short Stop Site, 326 South Main Street, Montesano, WA								
TSSMW-2	1/18/10	**92,100**	**22,300**	**66,700**	**10,700**	**47,600**	**99**	<4
TSSMW-4	1/18/10	**LNAPL – 0.8 foot (0.96 inches)**						
TSSMW-5	1/18/10	<100	<1	<1	<1	<2	<5	<1
TSSMW-6	1/18/10	<100	<1	<1	<1	<2	<5	**4.4**
TSSMW-7	1/18/10	**107**	**2.3**	<1	**1.4**	**17**	<5	**2**
	11/1/11	**315**	**4.1**	<1.0	**3.2**	**3.3**	**14.2**	**1.2**
	2/1/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/8/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/21/12	**557**	<1.0	<1.0	<1.0	**45.7**	**12.7**	**1.0**

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Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
TSSMW-7	8/6/13	**1,100**	**4.0**	**2.0**	<1.0	**61.3**	**24.7**	<1.0
	11/12/13 and /Dup-2	**224**/<100	<1.0/<1.0	<1.0/<1.0	**1.3**/<1.0	**21**/<2.0	**30**/<5.0	**1.2/1.0**
	2/18/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/19/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/12/14	**740**	**6.5**	**3.0**	<1.0	**52.9**	**22.3**	<1.0
	11/18/14	**619**	<1.0	<1.0	<1.0	<2.0	<5.0	**1.0**
	2/26/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/21/15	**117**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/4/15	**225**	**1.6**	**1.1**	**3.2**	**36.8**	**16.6**	<1.0
	11/25/15	**117**	<1.0	<1.0	<1.0	<2.0	**5.8**	<1.0
	2/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/9/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/25/16	**228**	**2.4**	**1.3**	<1.0	**38.1**	**15.8**	<1.0
	11/29/16	**355**	**7.3**	<1.0	<1.0	**6.3**	**9.00**	<1.0
	2/16/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/24/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/29/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/7/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/30/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/15/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/21/19	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
TSSMW-8	1/18/10	**125**	**1.4**	<1	**9.3**	<2.0	<5	<1.0
	11/1/11	**150**	**4.9**	<1.0	**2.1**	<2.0	<5.0	<1.0
	2/1/12	<100	**1.0**	<1.0	<1.0	<2.0	**5.5**	<1.0
	5/8/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/21/12	<100	**2.6**	<1.0	<1.0	<2.0	<5.0	<1.0
TSSMW-9	1/18/10	**1,700**	**173**	**82**	**97.5**	**1,190**	**96.9**	<1.0
	11/1/11	**1,310**	**69.8**	**45.4**	**244**	**616**	**116**	<1.0
	2/1/12	**1,130**	**25**	**8.7**	**34.2**	**173**	**27.3**	<1.0
	5/8/12	**930**	**11.9**	**2.7**	**7.4**	**43.2**	**40.7**	<1.0
	8/21/12	**7,000**	**59.3**	**22.7**	**91.9**	**306**	**65.1**	<1.0
	8/5/13	Not accessible due to road construction						
	11/12/13 and /Dup-1	**4,050/3,240**	**71/66**	**34/31**	**189/174**	**398/362**	**108/113**	<1.0/<1.0
	2/18/14	**984**	**22.6**	**3.0**	**8.0**	**15.2**	**29.5**	<1.0
	5/20/14	<100	**27.8**	**4.9**	**16.1**	**19.3**	**120**	<1.0
	8/12/14	**11,300**	**95.2**	**57**	**275**	**865**	**383**	<1.0
	11/18/2014 and Dup-1	**7,430/8,150**	**75/80**	**72/73**	**235/211**	**959/967**	**60/152**	<5.0/<5.0
	2/26/15	**3,250**	**88**	**31**	**142**	**214**	**133**	<1.0
	5/22/15	**2,940**	**36**	**11**	**78**	**115**	**49**	<1.0
	8/4/15	**6,880**	**72**	**54**	**392**	**985**	**195**	<1.0
	11/25/15	**5,520**	**50**	**44**	**202**	**700**	**82**	<1.0
	2/24/16	**202**	<1.0	<1.0	<1.0	<2.0	**7.9**	<1.0
	5/9/16	**242**	**14.2**	**1.0**	**2.0**	**3.2**	**16.0**	<1.0
	8/26/16	**150**	**7.1**	**2.6**	**9.3**	**9.3**	**30.0**	<1.0
	11/29/16 and DUP-1	**210/170**	**1.8**/<1.0	<1.0/<1.0	<1.0/<1.0	**26.6/18.4**	<1.0/<1.0	<1.0/<1.0
	2/16/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/25/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/9/17	**480**	**11.6**	**2.9**	**24.1**	**14.8**	**16.2**	<1.0
	11/29/17	**258**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/8/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/31/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0

Table 2
Groundwater Analytical Results (in µg/L)
Quarterly Groundwater Monitoring and Remediation System Status Report – February 2019
Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
TSSMW-9	8/16/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	12/7/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/22/19	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
TSSMW-12	11/1/11 and /WC-Dup2	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	2/1/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/8/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/21/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
Potentially Applicable Groundwater Cleanup Level[c]		**800 / 1,000[d]**	**5**	**1,000**	**700**	**1,000**	**160**	**5**

Notes:
All results presented in micrograms per liter (µg/L).

Bold **Bold** results indicate that the compound was detected above the compound-specific laboratory reporting limit.
Shaded cells indicate that the detected concentration exceeds the potentially applicable groundwater cleanup level.
< Compound was not detected at the laboratory sample quantitation limit shown.
LNAPL Light non-aqueous phase liquid
a Analyzed by Ecology Method NWTPH-Gx.
b Analyzed by EPA Method 8260B or 8260C.
c Based on Model Toxics Control Act (MTCA) Method A Groundwater Cleanup Levels, WAC 173-340-900, Table 720-1.
d MTCA Method A Groundwater Cleanup Level for GRPH is 800 µg/L when benzene is present in the sample and 1,000 µg/L when benzene is not detected.

Qualifiers::
E Reported result is an estimate because it exceeds the calibration range.
J Analyte was positively identified. The reported result is an estimate.

Compounds
GRPH Gasoline-range petroleum hydrocarbons
PCE Tetrachloroethene

Table 3
Air Emission Analytical Results (in µg/L)
Quarterly Groundwater Monitoring and Remediation System Status Report – February 2019
Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Sample ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
INF1-0215	2/15/17	**147**	**0.175**	<0.1	<0.1	**0.117**	<0.1	**0.192**
EFF1-0215		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1A-0328	3/28/17	**227**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
EFF1-0328		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0330	3/30/17	**151**	**0.104**	<0.1	<0.1	<0.1	<0.1	<0.1
EFF1-0330		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0403	4/3/17	**477**	<0.1	<0.1	<0.1	**1.08**	<0.1	<0.1
EFF1-0403		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0410	4/10/17	**268**	**0.146**	**0.211**	**0.341**	**1.68**	<0.1	<0.1
EFF1-0410		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0418	4/18/17	**108**	<0.1	**0.283**	**0.158**	**0.998**	<0.1	<0.1
EFF1-0418		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0428	4/28/17	**319**	<0.1	**0.300**	**0.250**	**1.38**	<0.1	<0.1
EFF1-0428		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	**0.105**
INF1-0503	5/3/17	**129**	<0.1	**0.187**	**0.214**	**1.31**	<0.1	<0.1
EFF1-0503		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0504	5/4/17	**103**	<0.1	**0.152**	**0.147**	**1.04**	<0.1	<0.1
EFF1-0504		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0508	5/8/17	**294**	<0.1	<0.1	**0.224**	**0.960**	<0.1	<0.1
EFF1-0508		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0515	5/15/17	**176**	<0.1	**0.320**	**0.187**	**1.28**	<0.1	<0.1
EFF1-0515		**12.8**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0522	5/22/17	**183**	<0.1	**0.256**	**0.150**	**1.19**	<0.1	<0.1
EFF1-0522		**25.3**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0714	7/14/17	**268**	<0.1	**0.500**	**0.0183**	**1.830**	<0.1	<0.1
EFF1-0714		**6.83**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0806	8/6/17	**261**	**0.218**	**0.929**	**0.429**	**2.991**	<0.1	<0.1
EFF1-0806		<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0919	9/19/17	**201**	<0.1	**0.450**	**0.281**	**2.151**	<0.1	<0.1
EFF1-0919		**12.8**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-1025	10/25/17	**132**	<0.1	<0.1	<0.1	**0.521**	<0.1	<0.1
EFF1-1025		**41.9**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-1127	11/27/17	<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
EFF1-1127		**24.4**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-1220	12/20/17	<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
EFF1-1220		**16.6**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF1-0117	1/17/18	**1.66**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
EFF1-0117		**51.0**	**0.479**	<0.1	<0.1	<0.1	<0.1	<0.1
INF-0205	2/5/18	<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF-0314	3/14/18	<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF-0426	4/26/18	<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF-0524	5/24/18	**12.0**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF-0615	6/15/18	**27.7 H**	<0.1	<0.1 H	<0.1	<0.1	<0.1	<0.1
INF-0713	7/13/18	**39.4**	<0.1	<0.1	<0.1	**0.331**	**0.160**	<0.1
INF-0813	8/13/18	**49.2**	<0.1	<0.1	<0.1	**0.105**	<0.1	<0.1
INF-0928	9/28/18	**14.1**	<0.1	<0.1	<0.1	**0.111**	<0.1	<0.1
INF-1023	10/23/18	**47.4**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF-1204	12/4/18	**5.1**	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF-0111	1/11/19	<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
INF-0222	2/22/19	<5.0	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1

Notes:
All results presented in micrograms/liter (µg/L).
< Compound was not detected at the laboratory sample quantitation limit shown.
a Analyzed by Ecology Method NWTPH-Gx.
b Analyzed by EPA Method 8260C.

Compounds:
GRPH Gasoline-range petroleum hydrocarbons
PCE Tetrachloroethene

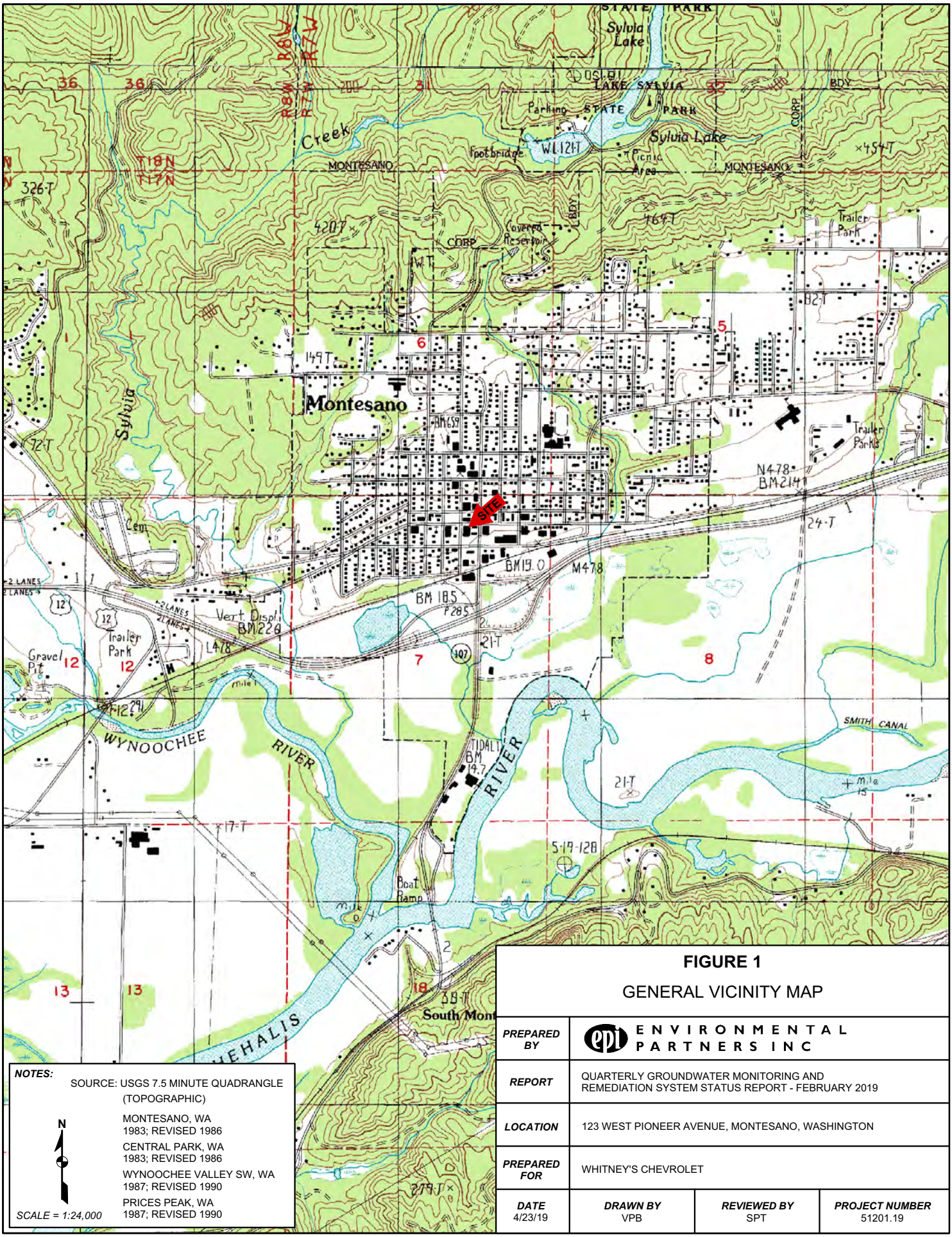
Table 4
System Mass Removal and Destruction Efficiency
Quarterly Groundwater Monitoring and Remediation System Status Report – February 2019
Whitney's Chevrolet, Inc.
123 West Pioneer Avenue, Montesano, Washington

Date	Field Inputs				Mass Removal			Vapor Control Efficiency			Vapor Control Efficiency PID Screening			
	SVE Run Time Since Last Event[a] (days)	System Flow Rate to Carbon[b] (scfm)	Influent GRPH Conc. to Carbon[c] (µg/L)	Effluent GRPH Conc.[d] (µg/L)	GRPH Removal Rate[e] (lbs/day)	GRPH Removed During Period[f] (lbs)	Cumulative GRPH Removed[g] (lbs)	Mass Flow Rate In (lbs/day)	Mass Flow Rate Out (lbs/day)	Carbon Adsorption Control Efficiency[h] (%)	Inf-Carbon PID Reading (ppm)	Mid-Carbon PID Reading (ppm)	Post-Carbon PID Reading (ppm)	Carbon Adsorption Control Efficiency (%)
02/15/17	1.07	111	**147**	**<5.0**	1.5	1.6	1.6	0.0	0.0	100.0	NM	NM	NM	NM
03/27/17	0.20	154	**147**	**<5.0**	2.0	0.4	2.0	2.0	0.0	100.0	NM	NM	NM	NM
03/28/17	1.10	112	**227**	**<5.0**	2.3	2.5	4.5	2.3	0.0	100.0	58.8	NM	0.0	100.0%
03/30/17	1.80	133	**151**	**<5.0**	1.8	3.2	7.7	1.8	0.0	100.0	37.9	NM	11.3	70.2%
04/03/17	1.20	192	**477**	**<5.0**	8.2	9.9	17.6	8.2	0.0	100.0	89.1	NM	1.2	98.7%
04/10/17	7.00	123	**268**	**<5.0**	3.0	20.7	38.3	3.0	0.0	100.0	38.0	NM	0.7	98.2%
04/18/17	8.00	164	**108**	**<5.0**	1.6	12.7	51.0	1.6	0.0	100.0	26.5	NM	2.6	90.2%
04/24/17	5.90	198	**319**	**<5.0**	5.7	33.5	84.5	5.7	0.0	100.0	49.7	NM	0.0	100.0%
05/03/17	9.20	208	**129**	**<5.0**	2.4	22.2	106.6	2.4	0.0	100.0	28.4	NM	1.0	96.5%
05/04/17	0.10	161	**103**	**<5.0**	1.5	0.1	106.8	1.5	0.0	100.0	24.4	NM	0.0	100.0%
05/08/17	4.00	212	**294**	**<5.0**	5.6	22.4	129.2	5.6	0.0	100.0	61.8	NM	0.0	100.0%
05/15/17	7.00	165	**176**	**12.8**	2.6	18.2	147.4	2.6	0.2	92.7	71.9	NM	10.1	86.0%
05/22/17	6.10	185	**183**	**25.3**	3.0	18.5	165.9	3.0	0.4	86.2	99.7	13.1	6.0	94.0%
07/14/17	14.80	201	**268**	**6.830**	4.8	71.6	237.5	4.8	0.1	97.5	53	NM	0	100.0%
08/06/17	23.10	200	**261**	**<5.0**	4.7	108.2	345.7	4.7	0.0	100.0	45	NM	5.0	88.9%
09/19/17	42.10	201	**201**	**12.8**	3.6	152.7	498.4	3.6	0.2	93.6	142.1	NM	3.8	97.3%
10/25/17	35.88	193	**132**	**41.9**	2.3	82.0	580.5	2.3	0.7	68.3	5.0	NM	2.0	60.0%
11/27/17	38.92	184	**2.5**[i]	**24.4**	0.04	1.6	582.1	0.0	0.0	---	2.5	NM	4.3	---
12/20/17	21.00	180	**2.5**[i]	**16.6**	0.04	0.8	582.9	0.0	0.3	---	5.0	NM	2.0	---
01/17/18	27.90	184	**1.66**	**51.0**	0.03	0.8	583.7	0.0	0.8	---	5.0	NM	2.0	---
02/05/18	19.00	173	**2.5**[i]	**NM**	0.04	0.7	584.4	0.0	0.0	---	2.5	NM	4.3	---
03/14/18	33.88	160	**2.5**[i]	**NM**	0.04	1.2	585.6	0.04	0.0	---	6.4	NM	NM	---
04/26/18	42.95	160	**2.5**[i]	**NM**	0.04	1.5	587.2	0.04	0.0	---	52.2	NM	NM	---
05/24/18	28.05	155	**12.0**	**NM**	0.17	4.7	591.9	0.17	0.0	---	15.8	NM	NM	---
06/15/18	14.98	150	**27.7**	**NM**	0.37	5.6	597.5	0.37	0.0	---	62.8	NM	NM	---
07/13/18	27.99	224	**39.40**	**NM**	0.79	22.2	619.6	0.79	0.0	---	54.6	NM	NM	---
08/13/18	31.00	221	**49.20**	**NM**	0.98	30.3	649.9	0.98	0.0	---	328.9	NM	NM	---
09/28/18	42.80	221	**57.50**	**NM**	1.14	48.8	698.7	1.14	0.0	---	10.1	NM	NM	---
10/23/18	25.03	219	**47.40**	**NM**	0.93	23.3	722.0	0.93	0.0	---	2.6	NM	NM	---
12/04/18	42.05	200	**5.10**	**NM**	0.09	3.8	725.9	0.09	0.0	---	2.8	NM	NM	---
01/11/19	34.95	165	**2.5**[i]	**NM**	0.04	1.3	727.2	0.04	0.0	---	0.3	NM	NM	---
02/19/19	29.05	200	**2.5**[i]	**NM**	0.04	1.3	728.5	0.04	0.0	---	0.3	NM	NM	---

Notes:

a	Days of SVE operation since last visit.	<	Concentration is less than the laboratory's method detection limit.
b	Collected from SVE-TOT location, post dilution.	scfm	Standard cubic feet per minute.
c	Collected from AIR-INF location, post dilution.	GRPH	Gasoline-range petroleum hydrocarbons.
d	Collected from AIR-EFF location, effluent carbon.	µg/L	Micrograms per liter.
e	Calculated as: Removal rate (lbs/day) = [[flow rate(scfm)*1440 (min/day)]*[28.3(L/Ft3)*Inf. Conc (µg/L)]]/454,000,000 µg/lb	lbs	Pounds.
f	Calculated as: [GRPH Removal Rate (lbs/day) * Time Since Last Event (days)]	%	Percent.
g	Calculated as: [Cumulative GRPH Removed (lbs) + GRPH Removed During Period (lbs)]	ppm	Parts per million.
h	Calculated as: [(Mass flow rate In - Mass Flow rate Out)/(Mass flow rate in)] * 100	PID	Photoionization detector.
i	GRPH was not identified in the influent sample at concentrations above the sample quantitation limit during this O&M event. A proxy value of half the sample quantitation limit was used to estimate mass removal.	NM	Not measured.

Figures



NOTES:

SOURCE: USGS 7.5 MINUTE QUADRANGLE (TOPOGRAPHIC)

MONTESANO, WA
1983; REVISED 1986

CENTRAL PARK, WA
1983; REVISED 1986

WYNOOCHEE VALLEY SW, WA
1987; REVISED 1990

PRICES PEAK, WA
1987; REVISED 1990

N

SCALE = 1:24,000

FIGURE 1

GENERAL VICINITY MAP

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - FEBRUARY 2019		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET		
DATE 4/23/19	***DRAWN BY*** VPB	***REVIEWED BY*** SPT	***PROJECT NUMBER*** 51201.19

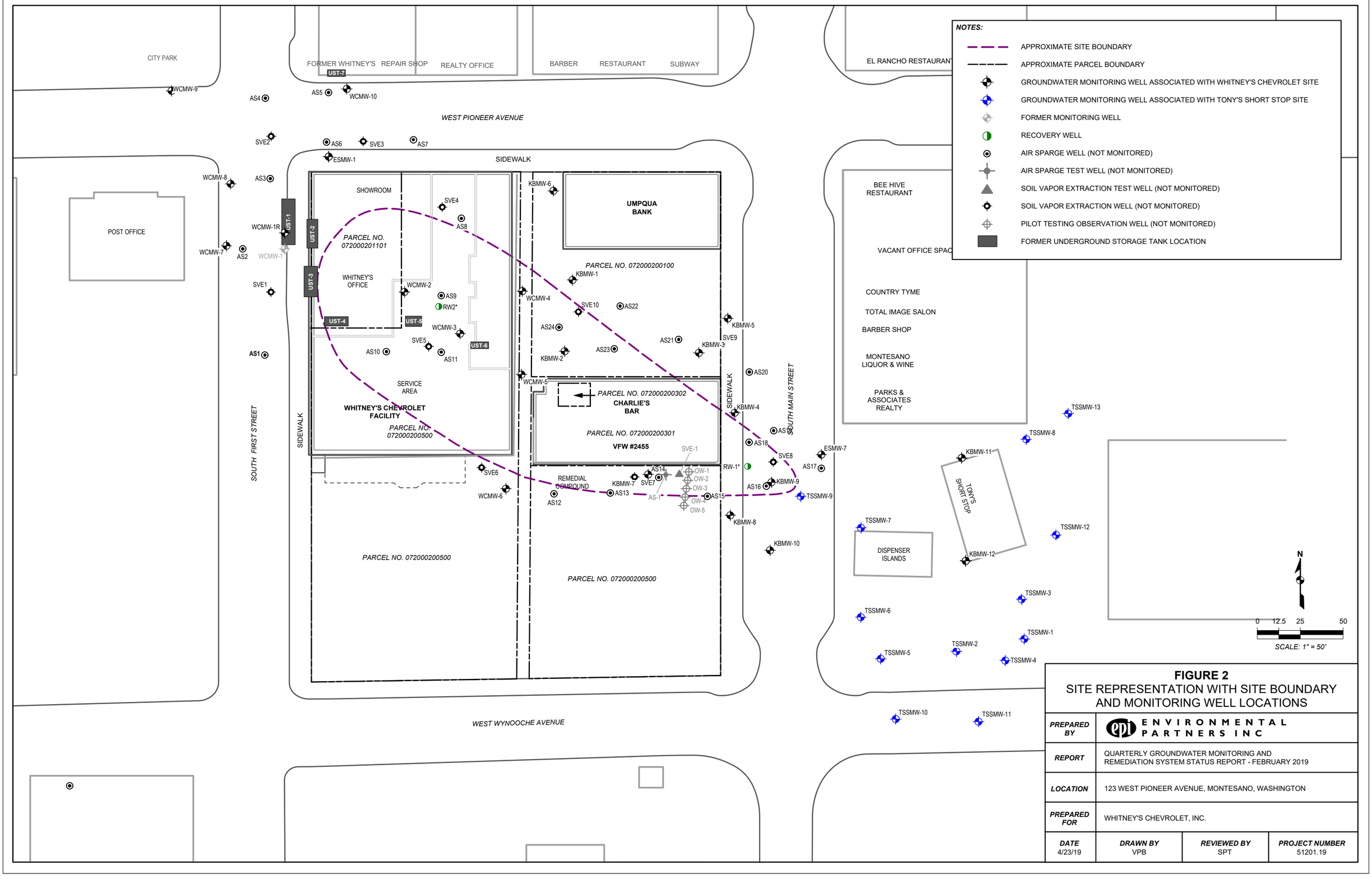


FIGURE 2
SITE REPRESENTATION WITH SITE BOUNDARY AND MONITORING WELL LOCATIONS

PREPARED BY	ENVIRONMENTAL PARTNERS INC
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - FEBRUARY 2019
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR	WHITNEY'S CHEVROLET, INC.

DATE	DRAWN BY	REVIEWED BY	PROJECT NUMBER
4/23/19	VPB	SPT	51201.19

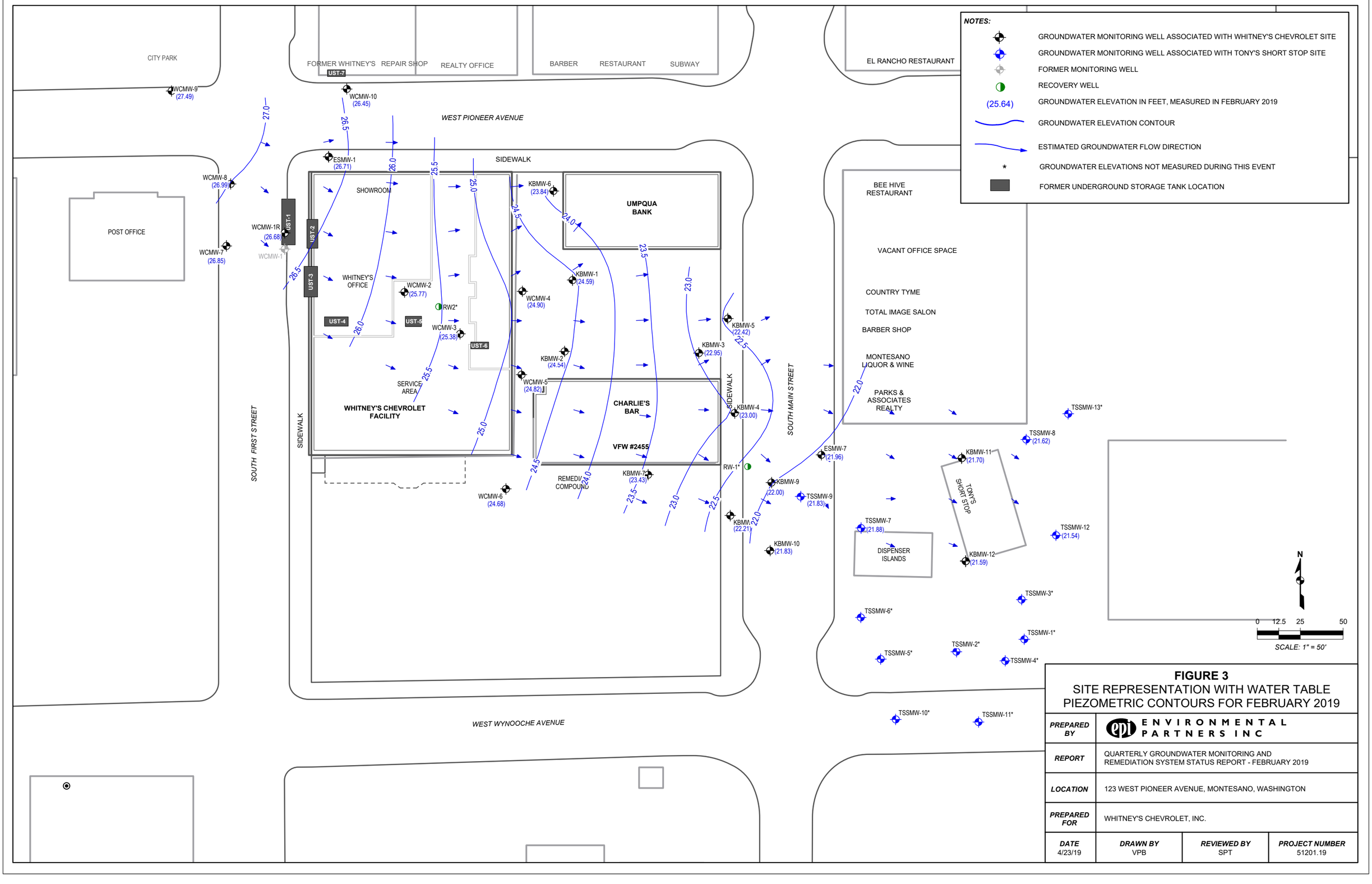
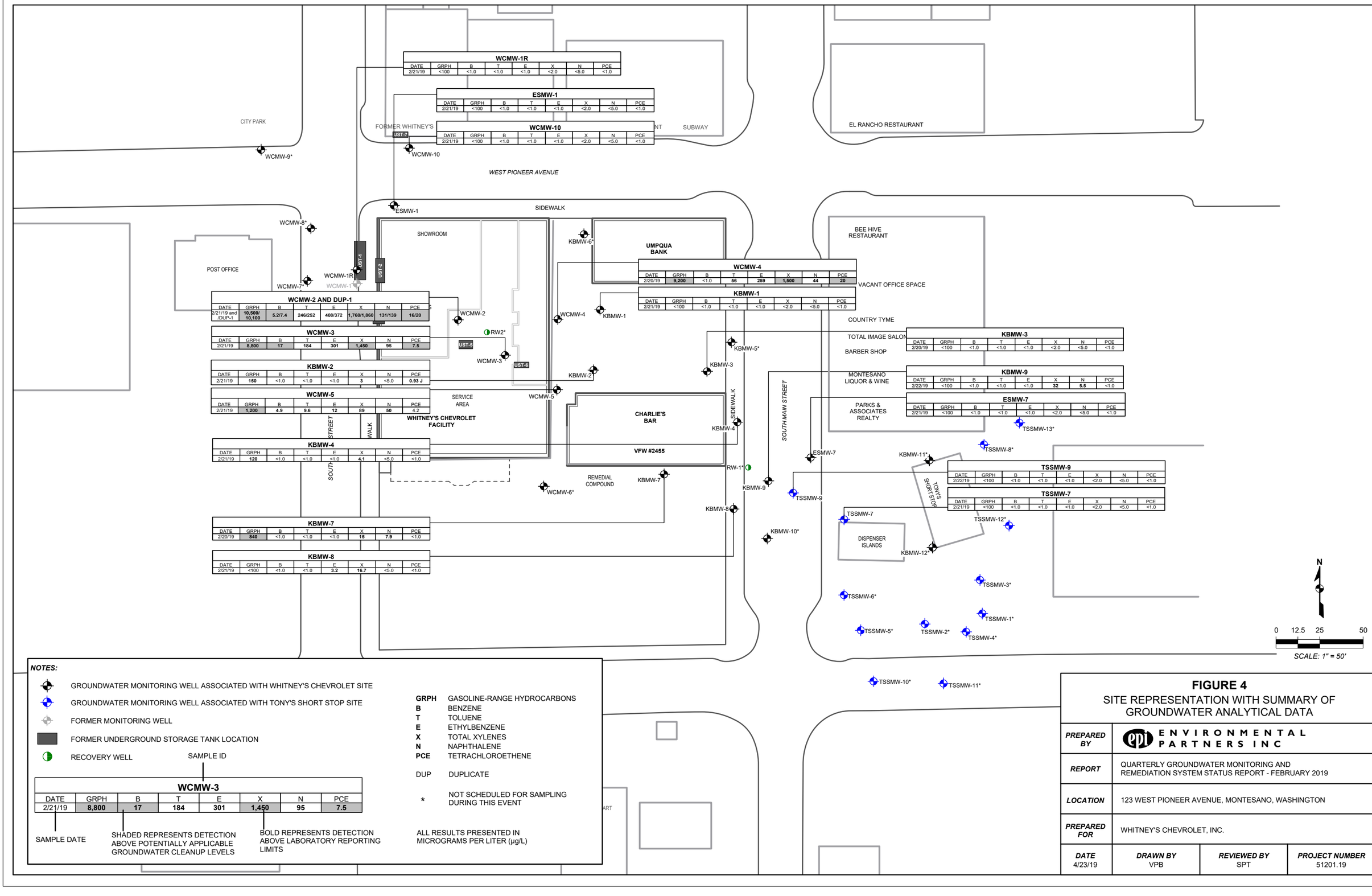


FIGURE 3
SITE REPRESENTATION WITH WATER TABLE PIEZOMETRIC CONTOURS FOR FEBRUARY 2019

PREPARED BY	ENVIRONMENTAL PARTNERS INC
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - FEBRUARY 2019
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR	WHITNEY'S CHEVROLET, INC.

DATE	***DRAWN BY***	***REVIEWED BY***	***PROJECT NUMBER***
4/23/19	VPB	SPT	51201.19



NOTES:

- GROUNDWATER MONITORING WELL ASSOCIATED WITH WHITNEY'S CHEVROLET SITE
- GROUNDWATER MONITORING WELL ASSOCIATED WITH TONY'S SHORT STOP SITE
- FORMER MONITORING WELL
- FORMER UNDERGROUND STORAGE TANK LOCATION
- RECOVERY WELL

SAMPLE ID

WCMW-3

DATE	GRPH	B	T	E	X	N	PCE
2/21/19	**8,800**	**17**	**184**	**301**	**1,450**	**95**	**7.5**

SAMPLE DATE

SHADED REPRESENTS DETECTION ABOVE POTENTIALLY APPLICABLE GROUNDWATER CLEANUP LEVELS

BOLD REPRESENTS DETECTION ABOVE LABORATORY REPORTING LIMITS

GRPH	GASOLINE-RANGE HYDROCARBONS
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	TOTAL XYLENES
N	NAPHTHALENE
PCE	TETRACHLOROETHENE
DUP	DUPLICATE
*	NOT SCHEDULED FOR SAMPLING DURING THIS EVENT

ALL RESULTS PRESENTED IN MICROGRAMS PER LITER (µg/L)

FIGURE 4

SITE REPRESENTATION WITH SUMMARY OF GROUNDWATER ANALYTICAL DATA

PREPARED BY	ENVIRONMENTAL PARTNERS INC
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - FEBRUARY 2019
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR	WHITNEY'S CHEVROLET, INC.

DATE	***DRAWN BY***	***REVIEWED BY***	***PROJECT NUMBER***
4/23/19	VPB	SPT	51201.19

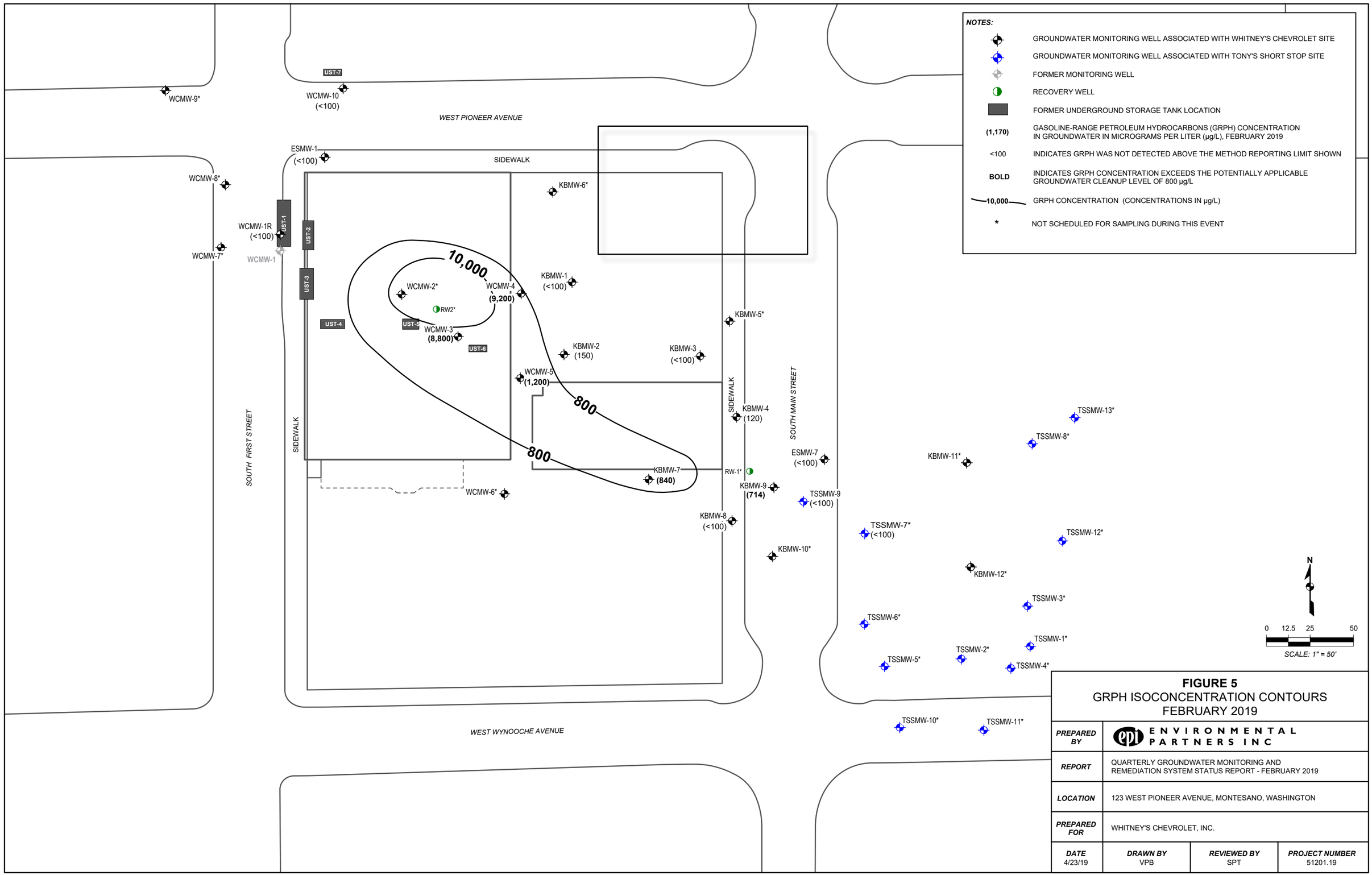


FIGURE 5
GRPH ISOCONCENTRATION CONTOURS
FEBRUARY 2019

PREPARED BY	ENVIRONMENTAL PARTNERS INC
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - FEBRUARY 2019
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR	WHITNEY'S CHEVROLET, INC.

DATE	DRAWN BY	REVIEWED BY	PROJECT NUMBER
4/23/19	VPB	SPT	51201.19

NOTES:

- GROUNDWATER MONITORING WELL ASSOCIATED WITH WHITNEY'S CHEVROLET SITE
- GROUNDWATER MONITORING WELL ASSOCIATED WITH TONY'S SHORT STOP SITE
- FORMER MONITORING WELL
- RECOVERY WELL
- FORMER UNDERGROUND STORAGE TANK LOCATION
- **(16)** BENZENE CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L), FEBRUARY 2019
- <1.0 INDICATES BENZENE WAS NOT DETECTED ABOVE THE METHOD REPORTING LIMIT SHOWN
- **BOLD** INDICATES BENZENE CONCENTRATION EXCEEDS THE POTENTIALLY APPLICABLE GROUNDWATER CLEANUP LEVEL OF 5 µg/L
- 5 BENZENE CONCENTRATION CONTOUR (CONCENTRATIONS IN µg/L)
- * NOT SCHEDULED FOR SAMPLING DURING THIS EVENT

WEST PIONEER AVENUE

WCMW-9*

UST-7

WCMW-10 (<1.0)

ESMW-1 (<1.0)

SIDEWALK

WCMW-8*

WCMW-7*

WCMW-1R (<1.0)

WCMW-1

UST-1

UST-2

UST-3

UST-4

UST-5

UST-6

SHOWROOM

WHITNEY'S OFFICE

SERVICE AREA

WHITNEY'S CHEVROLET FACILITY

WCMW-2 (7.4)

RW2*

WCMW-3 (17)

WCMW-4 (<1.0)

WCMW-5 (4.9)

5

5

KBMW-6*

UMPQUA BANK

KBMW-1 (<1.0)

KBMW-5*

KBMW-2 (<1.0)

KBMW-3 (<1.0)

CHARLIE'S BAR

VFW #2455

KBMW-4 (<1.0)

SIDEWALK

SOUTH MAIN STREET

SOUTH FIRST STREET

WCMW-6*

REMEDIAL COMPOUND

KBMW-7 (<1.0)

RW-1*

KBMW-8 (<1.0)

KBMW-9 (<1.0)

TSSMW-9 (<1.0)

KBMW-10*

ESMW-7 (<1.0)

KBMW-11*

TSSMW-13*

TSSMW-8*

TSSMW-7 (<1.0)

TSSMW-12*

KBMW-12*

TSSMW-3*

TSSMW-6*

TSSMW-1*

TSSMW-2*

TSSMW-5*

TSSMW-4*

TSSMW-10*

TSSMW-11*

WEST WYNOOCHE AVENUE

N

0 12.5 25 50

SCALE: 1" = 50'

FIGURE 6
BENZENE ISOCONCENTRATION CONTOURS FEBRUARY 2019

PREPARED BY	ENVIRONMENTAL PARTNERS INC
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - FEBRUARY 2019
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR	WHITNEY'S CHEVROLET, INC.

DATE	DRAWN BY	REVIEWED BY	PROJECT NUMBER
4/23/19	VPB	SPT	51201.19

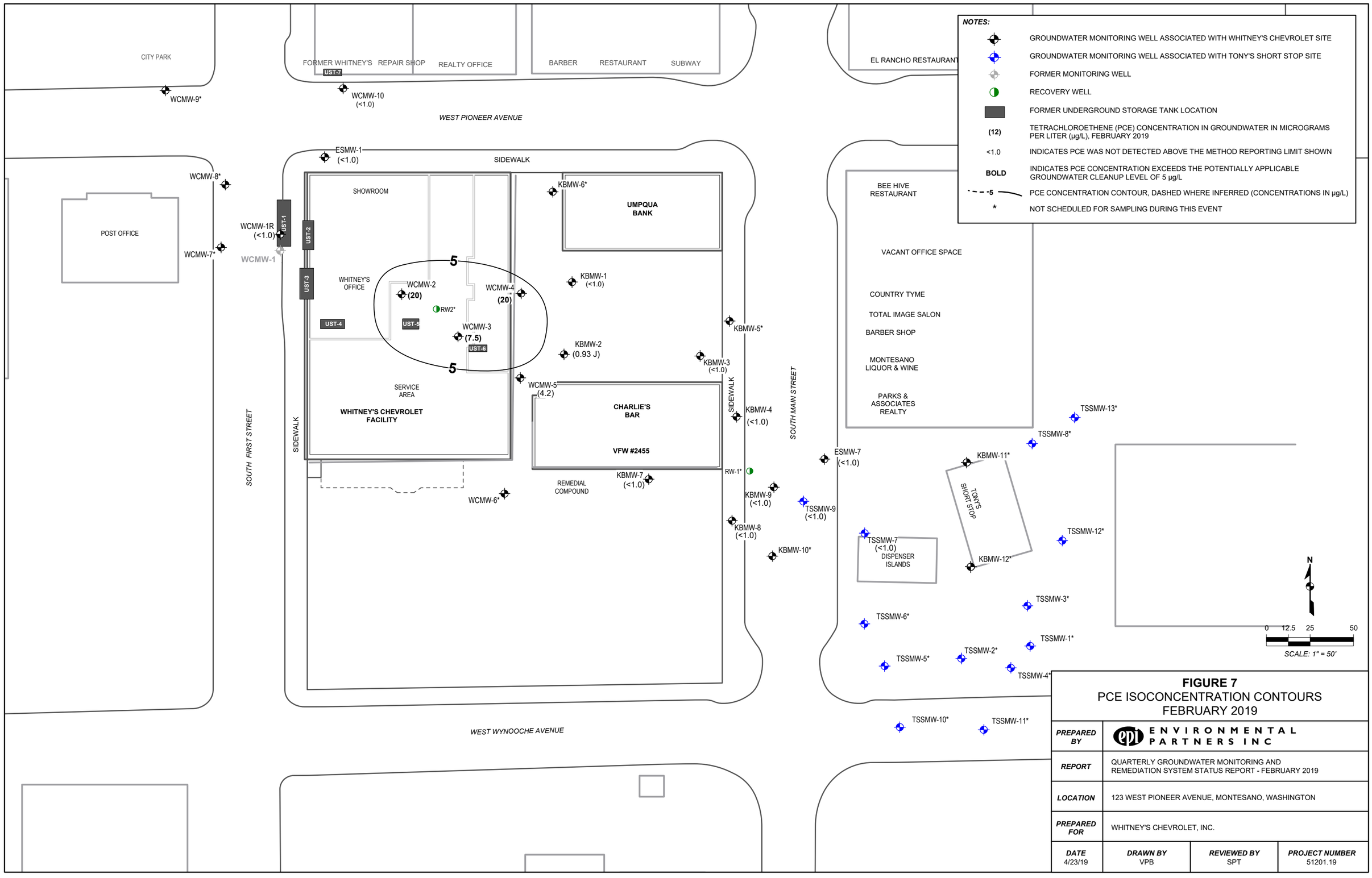


FIGURE 7
PCE ISOCONCENTRATION CONTOURS FEBRUARY 2019

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - FEBRUARY 2019		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 4/23/19	**DRAWN BY** VPB	**REVIEWED BY** SPT	**PROJECT NUMBER** 51201.19

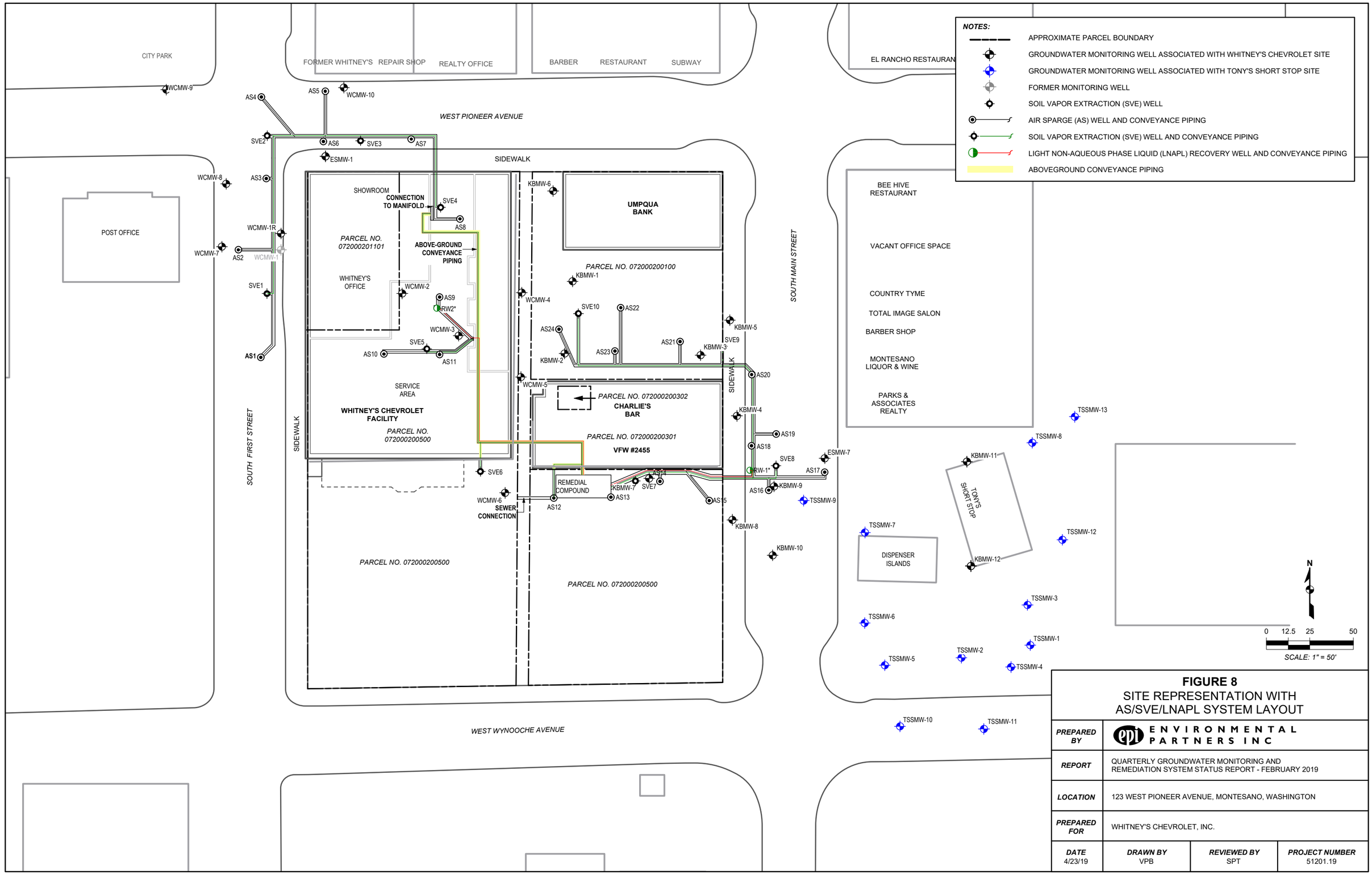


FIGURE 8
SITE REPRESENTATION WITH
AS/SVE/LNAPL SYSTEM LAYOUT

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - FEBRUARY 2019		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 4/23/19	**DRAWN BY** VPB	**REVIEWED BY** SPT	**PROJECT NUMBER** 51201.19

Attachment A
Laboratory Analytical Data Reports for Groundwater

Libby Environmental, Inc.
4139 Libby Road NE • Olympia, WA 98506-2518

March 6, 2019

Sean Trimble
Environmental Partners, Inc.
1180 NW Maple Street, Suite 310
Issaquah, WA 98027

Dear Mr. Trimble:

Please find enclosed the analytical data report for the Whitney's Chevrolet Project located in Montesano, Washington.

The results of the analyses are summarized in the attached tables. Applicable detection limits and QA/QC data are included. The sample(s) will be disposed of in 30 days unless we are contacted to arrange long term storage.

Libby Environmental, Inc. appreciates the opportunity to have provided analytical services for this project. If you have any further questions about the data report, please give me a call. It was a pleasure working with you on this project, and we are looking forward to the next opportunity to work together.

Sincerely,

Sherry L. Chilcutt
Senior Chemist
Libby Environmental, Inc.

Phone (360) 352-2110 • Fax (360) 352-4154 • libbyenv@gmail.com

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 02/21/19 Page: 1 of 1

Client: EPI

Project Manager: SEAN TRIMBLE

Address: 1180 NW MAPLE ST. SUITE 310

Project Name: WHITNEY'S CHEVROLET

City: ISSAQUAH State: WA Zip: 98027

Location: MONTESANO City, State: WA

Phone: (425) 395-0510 Fax:

Collector: NH / WW Date of Collection: 02/20/19

Client Project # 5120j

Email: sean@epi-wa.com

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260	NWTPH-Gx	BTEX 8021	NWTPH-HCID	NWTPH-Dx	NWTPH-Dx/Dx	c PAH 8270	PAH 8270	Semi Vol 8270	PCB 8082	MTCA 5 Metals	RCRA 8 Metals	Select VOCs	Sulfate/Nitrate	Methane/ALK	Field Notes
1	KBMW-3		1345	WATER	3-40 mL		X										X				02/20/19
2	WCMW-4		1420				X										X				↓
3	KBMW-7		1445				X										X				↓
4	KBMW-8		830		VOA's		X										X	X	X		02/21/19
5	ESMW-1		920				X										X				↓
6	KBMW-1		950				X										X	X	X		↓
7	WCMW-10		1030				X										X	X	X		↓
8	ESMW-7		1115				X										X				↓
9	WCMW-1R		1140				X										X	X	X		↓
10	WCMW-5		1300				X										X				↓
11	TSSMW-7		1320				X										X				↓
12	KBMW-2		1355				X										X				↓
13	KBMW-4		1420				X										X	X	X		↓
14	WCMW-2		1455				X										X				↓
15	DUP-1						X										X				↓
16	WCMW-3		1512	↓			X										X	X	X		↓
17																					

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	02/21/19 1645	Melissa TSE	2/21/19 16:45
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition? (Y) N

Temp. °C

Seals Intact? Y N (N/A)

Total Number of Containers

Remarks: Same VOCs as last time

TAT: 24HR 48HR (5-DAY)

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

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
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FAX: (360) 352-4154
Email: libbyenv@gmail.com

WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L190221-4
Client Project # 51201

Analyses of Gasoline (NWTPH-Gx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (µg/L)
Method Blank	2/23/19	86	nd
Method Blank	2/25/19	101	nd
KBMW-3	2/23/19	87	nd
WCMW-4	2/23/19	88	9200
KBMW-7	2/23/19	89	840
KBMW-8	2/25/19	78	nd
ESMW-1	2/23/19	85	nd
KBMW-1	2/23/19	93	nd
WCMW-10	2/23/19	80	nd
ESMW-7	2/25/19	99	nd
WCMW-1R	2/23/19	85	nd
WCMW-5	2/23/19	87	1200
TSSMW-7	2/23/19	84	nd
TSSMW-7 Dup	2/23/19	81	nd
KBMW-2	2/23/19	98	150
KBMW-4	2/23/19	80	120
WCMW-2	2/23/19	85	10500
DUP-1	2/25/19	78	10100
DUP-1 Dup	2/23/19	96	19000 E
WCMW-3	2/23/19	86	8800
Practical Quantitation Limit			100

"E" Reported result is an estimate because it exceeds the calibration range.
"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L190221-4
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		Method Blank	KBMW-3	WCMW-4	KBMW-7	KBMW-8	ESMW-1
Date Sampled	Reporting	N/A	2/20/19	2/20/19	2/20/19	2/21/19	2/21/19
Date Analyzed	Limits	2/23/19	2/23/19	2/23/19	2/23/19	2/25/19	2/23/19
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.5	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	nd	56	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	20	nd	nd	nd
Ethylbenzene	1.0	nd	nd	259	nd	3.2	nd
Total Xylenes	2.0	nd	nd	1500	15	16.7	nd
Naphthalenes	5.0	nd	nd	44	7.9	nd	nd
Surrogate Recovery							
Dibromofluoromethane		116	129	131	123	133	131
1,2-Dichloroethane-d4		93	95	103	100	109	96
Toluene-d8		86	87	88	89	78	85
4-Bromofluorobenzene		116	119	118	118	127	120

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* ANALYZED BY SIM
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L190221-4
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		KBMW-1	WCMW-10	ESMW-7	WCMW-1R	WCMW-5	TSSMW-7
Date Sampled	Reporting	2/21/19	2/21/19	2/21/19	2/21/19	2/21/19	2/21/19
Date Analyzed	Limits	2/23/19	2/23/19	2/25/19	2/23/19	2/23/19	2/23/19
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.5	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	nd	nd	nd	4.9	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	nd	nd	nd	9.6	nd
Tetrachloroethene (PCE)	1.0	nd	nd	nd	nd	4.2	nd
Ethylbenzene	1.0	nd	nd	nd	nd	12	nd
Total Xylenes	2.0	nd	nd	nd	nd	89	nd
Naphthalenes	5.0	nd	nd	nd	nd	50	nd
Surrogate Recovery							
Dibromofluoromethane		129	130	135	122	128	116
1,2-Dichloroethane-d4		106	102	127	95	99	73
Toluene-d8		93	80	99	85	87	84
4-Bromofluorobenzene		117	115	130	115	121	108

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* ANALYZED BY SIM
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L190221-4
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		TSSMW-7 Dup	KBMW-2	KBMW-4	WCMW-2	DUP-1	DUP-1 Dup
Date Sampled	Reporting	2/21/19	2/21/19	2/21/19	2/21/19	2/21/19	2/21/19
Date Analyzed	Limits	2/23/19	2/23/19	2/23/19	2/25/19	2/23/19	2/23/19
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Vinyl chloride	0.2	nd	nd	nd	nd	nd	nd
1,1-Dichloroethene	0.5	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	nd	nd	5.2	7.4	8.1
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	nd	nd	246	252	457 E
Tetrachloroethene (PCE)	1.0	nd	0.93 J	nd	16	20	26
Ethylbenzene	1.0	nd	nd	nd	408	372	600 E
Total Xylenes	2.0	nd	3.0	4.1	1760	1860	2080 E
Naphthalenes	5.0	nd	nd	nd	131	139	264 E
Surrogate Recovery							
Dibromofluoromethane		133	125	131	133	130	118
1,2-Dichloroethane-d4		104	108	105	104	98	90
Toluene-d8		81	98	80	85	87	96
4-Bromofluorobenzene		122	104	121	118	124	118

"E" Reported result is an estimate because it exceeds the calibration range.
"J" Analyte was positively identified. The reported result is an estimate.
"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* ANALYZED BY SIM
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L190221-4
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		WCMW-3	Method Blank
Date Sampled	Reporting	2/21/19	N/A
Date Analyzed	Limits	2/23/19	2/25/19
	(µg/L)	(µg/L)	(µg/L)
Vinyl chloride	0.2	nd	nd
1,1-Dichloroethene	0.5	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	5.0	nd	nd
trans -1,2-Dichloroethene	1.0	nd	nd
cis -1,2-Dichloroethene	1.0	2.0	nd
Benzene	1.0	17	nd
Trichloroethene (TCE)	1.0	nd	nd
Toluene	1.0	184	nd
Tetrachloroethene (PCE)	1.0	7.5	nd
Ethylbenzene	1.0	301	nd
Total Xylenes	2.0	1450	nd
Naphthalenes	5.0	95	nd
Surrogate Recovery			
Dibromofluoromethane		132	134
1,2-Dichloroethane-d4		99	120
Toluene-d8		86	101
4-Bromofluorobenzene		116	113

"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

* ANALYZED BY SIM
ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Olympia, WA 98506
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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L190221-4
Client Project # 51201

QA/QC Data - EPA 8260C Analyses

Sample Identification: KBMW-2							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)	(%)
1,1-Dichloroethene	10	8.1	81	10	7.5	75	7.7
Benzene	10	10.1	101	10	11.3	113	11.2
Toluene	10	9.8	98	10	10.6	106	7.8
Chlorobenzene	10	12.1	121	10	12.5	125	3.3
Trichloroethene (TCE)	10	9.9	99	10	10.9	109	9.6

Surrogate Recovery		
Dibromofluoromethane	127	130
1,2-Dichloroethane-d4	103	111
Toluene-d8	91	97
4-Bromofluorobenzene	119	121

Laboratory Control Sample			
	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)
1,1-Dichloroethene	10	7.6	76
Benzene	10	10.1	101
Toluene	10	9.0	90
Chlorobenzene	10	11.8	118
Trichloroethene (TCE)	10	9.7	97

Surrogate Recovery	
Dibromofluoromethane	120
1,2-Dichloroethane-d4	95
Toluene-d8	88
4-Bromofluorobenzene	117

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L190221-4
Client Project # 51201

QA/QC Data - EPA 8260C Analyses

Sample Identification: ESMW-7							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)	(%)
1,1-Dichloroethene	10	9.2	92	10	10.7	107	15.1
Benzene	10	9.6	96	10	13.2	132	31.6
Toluene	10	9.3	93	10	11.9	119	24.5
Chlorobenzene	10	12.6	126	10	12.5	125	0.8
Trichloroethene (TCE)	10	8.9	89	10	12.5	125	33.6

Surrogate Recovery		
Dibromofluoromethane	108	135
1,2-Dichloroethane-d4	90	106
Toluene-d8	72	77
4-Bromofluorobenzene	118	107

Laboratory Control Sample			
	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)
1,1-Dichloroethene	10	8.3	83
Benzene	10	10.9	109
Toluene	10	11.2	112
Chlorobenzene	10	11.6	116
Trichloroethene (TCE)	10	10.2	102

Surrogate Recovery	
Dibromofluoromethane	132
1,2-Dichloroethane-d4	113
Toluene-d8	99
4-Bromofluorobenzene	131

ACCEPTABLE RECOVERY LIMITS FOR MATRIX SPIKES: 65%-135%
ACCEPTABLE RPD IS 35%

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Olympia, WA 98506
Phone: (360) 352-2110
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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L190221-4
Client Project # 51201

Analyses of Methane by Modified EPA Method 8015 in Water

Sample Number	Date Analyzed	Methane (µg/L)
Method Blank	2/27/19	nd
LCS	2/27/19	84%
KBMW-8	2/27/19	1.4
KBMW-1	2/27/19	nd
WCMW-10	2/27/19	1.3
WCMW-10 Dup	2/27/19	1.3
WCMW-1R	2/27/19	1.9
KBMW-4	2/27/19	1.3
WCMW-3	2/27/19	3.7
Practical Quantitation Limit		0.35

"nd" Indicates not detected at the listed detection limits.
"int" Indicates that interference prevents determination.

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

4139 Libby Road NE
Olympia, WA 98506
Phone: (360) 352-2110
FAX: (360) 352-4154
Email: libbyenv@gmail.com

WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Libby Project # L190221-4
Date Received 2/21/2019
Time Received 4:45 PM

Received By KD

Sample Receipt Checklist

Chain of Custody

1. Is the Chain of Custody is complete?	☑	Yes	☐	No		
2. How was the sample delivered?	☑	Hand Delivered	☐	Picked Up	☐	Shipped

Log In

3. Cooler or Shipping Container is present.	☑	Yes	☐	No	☐	N/A
4. Cooler or Shipping Container is in good condition.	☑	Yes	☐	No	☐	N/A
5. Cooler or Shipping Container has Custody Seals present.	☐	Yes	☑	No	☐	N/A
6. Was an attempt made to cool the samples?	☑	Yes	☐	No	☐	N/A
7. Temperature of cooler (0°C to 8°C recommended)	8.0 °C					
8. Temperature of sample(s) (0°C to 8°C recommended)	10.9 °C					
9. Did all containers arrive in good condition (unbroken)?	☑	Yes	☐	No		
10. Is it clear what analyses were requested?	☑	Yes	☐	No		
11. Did container labels match Chain of Custody?	☑	Yes	☐	No		
12. Are matrices correctly identified on Chain of Custody?	☑	Yes	☐	No		
13. Are correct containers used for the analysis indicated?	☑	Yes	☐	No		
14. Is there sufficient sample volume for indicated analysis?	☑	Yes	☐	No		
15. Were all containers properly preserved per each analysis?	☑	Yes	☐	No		
16. Were VOA vials collected correctly (no headspace)?	☑	Yes	☐	No	☐	N/A
17. Were all holding times able to be met?	☑	Yes	☐	No		

Discrepancies/ Notes

18. Was client notified of all discrepancies?	☐	Yes	☐	No	☑	N/A

Person Notified: _____ Date: _____

By Whom: _____ Via: _____

Regarding: _____

19. Comments. _____

DRAGON ANALYTICAL LABORATORY

627 Durell Road SE, STE B105, Tumwater, WA 98501 (360)866-0543
Customerservice@DragonLaboratory.com

Hazardous Waste, Microbiology, NPDES, Potable and Non-potable Water
Mobile Environmental Laboratory

Libby Environmental, Inc.
4139 Libby Road NE
Olympia, WA 98506

Sampled by: NH/WW

DAL Project No.: 190222-02

Project Name: Whitneys
Project No.: L190221-4
P.O. No.: n/a
Sample Name: KBMW-8
Matrix: Non-Potable Water
Temperature Received (°C): n/a
Collected: 2/21/2019; 08:30
Received: 2/22/2019; 10:47
Report Date: 3/1/2019

ANALYTICAL RESULTS

PARAMETER	RESULTS	MDL	MRL	UNITS	METHOD	DF	PREPARATION DATE	ANALYSIS DATE	ANALYSIS TIME	ANALYST	DATA FLAGS
Alkalinity ($CaCO_3$)	**nd**	n/a	5.0	mg/L	SM 2320 B	1	2/22/2019	2/22/2019	n/a	JP	
Nitrogen, Nitrate	**3.8**	0.0015	0.050	mg/L	EPA 300.0	1	2/22/2019	2/23/2019	n/a	FW	
Sulfate	**30.4**	0.046	0.20	mg/L	EPA 300.0	1	2/28/2019	3/1/2019	n/a	FW	

WA-DOE-Laboratory Certification No.: C890
"MDL" indicates Method Detection Limit
"MRL" indicates Method Reporting Limit
"DF" indicates Dilution Factor
"nd" indicates the analyte was not detected at or above the listed Method Reporting Limit.
"n/a" indicates not applicable

Comments and Explanations: None

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Hazardous Waste, Microbiology, NPDES, Potable and Non-potable Water
Mobile Environmental Laboratory

Libby Environmental, Inc.
4139 Libby Road NE
Olympia, WA 98506

Sampled by: NH/WW

DAL Project No.: 190222-02

Project Name: Whitneys
Project No.: L190221-4
P.O. No.: n/a
Sample Name: KBMW-1
Matrix: Non-Potable Water
Temperature Received (°C): n/a
Collected: 2/21/2019; 09:50
Received: 2/22/2019; 10:47
Report Date: 3/1/2019

ANALYTICAL RESULTS

PARAMETER	RESULTS	MDL	MRL	UNITS	METHOD	DF	PREPARATION DATE	ANALYSIS DATE	ANALYSIS TIME	ANALYST	DATA FLAGS
Alkalinity ($CaCO_3$)	**nd**	n/a	5.0	mg/L	SM 2320 B	1	2/22/2019	2/22/2019	n/a	JP	
Nitrogen, Nitrate	**1.1**	0.0015	0.050	mg/L	EPA 300.0	1	2/22/2019	2/23/2019	n/a	FW	
Sulfate	**16.9**	0.046	0.20	mg/L	EPA 300.0	1	2/28/2019	2/28/2019	n/a	FW	

WA-DOE-Laboratory Certification No.: C890
"MDL" indicates Method Detection Limit
"MRL" indicates Method Reporting Limit
"DF" indicates Dilution Factor
"nd" indicates the analyte was not detected at or above the listed Method Reporting Limit.
"n/a" indicates not applicable

Comments and Explanations: None

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Mobile Environmental Laboratory

Libby Environmental, Inc.
4139 Libby Road NE
Olympia, WA 98506

Sampled by: NH/WW

DAL Project No.: 190222-02

Project Name: Whitneys
Project No.: L190221-4
P.O. No.: n/a
Sample Name: WCMW-10
Matrix: Non-Potable Water
Temperature Received (°C): n/a
Collected: 2/21/2019; 10:30
Received: 2/22/2019; 10:47
Report Date: 3/1/2019

ANALYTICAL RESULTS

PARAMETER	RESULTS	MDL	MRL	UNITS	METHOD	DF	PREPARATION DATE	ANALYSIS DATE	ANALYSIS TIME	ANALYST	DATA FLAGS
Alkalinity ($CaCO_3$)	**nd**	n/a	5.0	mg/L	SM 2320 B	1	2/22/2019	2/22/2019	n/a	JP	
Nitrogen, Nitrate	**0.50**	0.0015	0.050	mg/L	EPA 300.0	1	2/22/2019	2/23/2019	n/a	FW	
Sulfate	**20.1**	0.046	0.20	mg/L	EPA 300.0	1	2/28/2019	3/1/2019	n/a	FW	

WA-DOE-Laboratory Certification No.: C890
"MDL" indicates Method Detection Limit
"MRL" indicates Method Reporting Limit
"DF" indicates Dilution Factor
"nd" indicates the analyte was not detected at or above the listed Method Reporting Limit.
"n/a" indicates not applicable

Comments and Explanations: None

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Hazardous Waste, Microbiology, NPDES, Potable and Non-potable Water
Mobile Environmental Laboratory

Libby Environmental, Inc.
4139 Libby Road NE
Olympia, WA 98506

Sampled by: NH/WW

DAL Project No.: 190222-02

Project Name: Whitneys
Project No.: L190221-4
P.O. No.: n/a
Sample Name: WCMW-1R
Matrix: Non-Potable Water
Temperature Received (°C): n/a
Collected: 2/21/2019; 11:40
Received: 2/22/2019; 10:47
Report Date: 3/1/2019

ANALYTICAL RESULTS

PARAMETER	RESULTS	MDL	MRL	UNITS	METHOD	DF	PREPARATION DATE	ANALYSIS DATE	ANALYSIS TIME	ANALYST	DATA FLAGS
Alkalinity ($CaCO_3$)	**nd**	n/a	5.0	mg/L	SM 2320 B	1	2/22/2019	2/22/2019	n/a	JP	
Nitrogen, Nitrate	**0.75**	0.0015	0.050	mg/L	EPA 300.0	1	2/22/2019	2/23/2019	n/a	FW	
Sulfate	**12.7**	0.046	0.20	mg/L	EPA 300.0	1	2/28/2019	2/28/2019	n/a	FW	

WA-DOE-Laboratory Certification No.: C890
"MDL" indicates Method Detection Limit
"MRL" indicates Method Reporting Limit
"DF" indicates Dilution Factor
"nd" indicates the analyte was not detected at or above the listed Method Reporting Limit.
"n/a" indicates not applicable

Comments and Explanations: None

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Mobile Environmental Laboratory

Libby Environmental, Inc.
4139 Libby Road NE
Olympia, WA 98506

Sampled by: NH/WW

DAL Project No.: 190222-02

Project Name: Whitneys
Project No.: L190221-4
P.O. No.: n/a
Sample Name: KBMW-4
Matrix: Non-Potable Water
Temperature Received (°C): n/a
Collected: 2/21/2019; 14:20
Received: 2/22/2019; 10:47
Report Date: 3/1/2019

ANALYTICAL RESULTS

PARAMETER	RESULTS	MDL	MRL	UNITS	METHOD	DF	PREPARATION DATE	ANALYSIS DATE	ANALYSIS TIME	ANALYST	DATA FLAGS
Alkalinity ($CaCO_3$)	**nd**	n/a	5.0	mg/L	SM 2320 B	1	2/22/2019	2/22/2019	n/a	JP	
Nitrogen, Nitrate	**0.71**	0.0015	0.050	mg/L	EPA 300.0	1	2/22/2019	2/23/2019	n/a	FW	
Sulfate	**68.8**	0.046	0.20	mg/L	EPA 300.0	1	2/28/2019	3/1/2019	n/a	FW	

WA-DOE-Laboratory Certification No.: C890
"MDL" indicates Method Detection Limit
"MRL" indicates Method Reporting Limit
"DF" indicates Dilution Factor
"nd" indicates the analyte was not detected at or above the listed Method Reporting Limit.
"n/a" indicates not applicable

Comments and Explanations: None

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Hazardous Waste, Microbiology, NPDES, Potable and Non-potable Water
Mobile Environmental Laboratory

Libby Environmental, Inc.
4139 Libby Road NE
Olympia, WA 98506

Sampled by: NH/WW

DAL Project No.: 190222-02

Project Name: Whitneys
Project No.: L190221-4
P.O. No.: n/a
Sample Name: WCMW-3
Matrix: Non-Potable Water
Temperature Received (°C): n/a
Collected: 2/21/2019; 15:12
Received: 2/22/2019; 10:47
Report Date: 43525

ANALYTICAL RESULTS

PARAMETER	RESULTS	MDL	MRL	UNITS	METHOD	DF	PREPARATION DATE	ANALYSIS DATE	ANALYSIS TIME	ANALYST	DATA FLAGS
Alkalinity ($CaCO_3$)	**nd**	n/a	5.0	mg/L	SM 2320 B	1	2/22/2019	2/22/2019	n/a	JP	
Nitrogen, Nitrate	**nd**	0.0015	0.050	mg/L	EPA 300.0	1	2/22/2019	2/23/2019	n/a	FW	
Sulfate	**1.4**	0.046	0.20	mg/L	EPA 300.0	1	2/28/2019	3/1/2019	n/a	FW	

WA-DOE-Laboratory Certification No.: C890
"MDL" indicates Method Detection Limit
"MRL" indicates Method Reporting Limit
"DF" indicates Dilution Factor
"nd" indicates the analyte was not detected at or above the listed Method Reporting Limit.
"n/a" indicates not applicable

Comments and Explanations: None

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Hazardous Waste, Microbiology, NPDES, Potable and Non-potable Water
Mobile Environmental Laboratory

Libby Environmental, Inc.
DAL Project No.: 190222-02

Project Name: Whitneys
Project No.: L190221-4

QUALITY CONTROL RESULTS
Method Blank

PARAMETER	SAMPLE BATCH	RESULT	MRL	UNITS	ANALYTICAL METHOD	ANALYSIS DATE	ANALYST	DATA FLAGS
Alkalinity ($CaCO_3$)	190222-Alkalinity (CaCO3)	nd	5.0	mg/L	SM 2320 B	2/22/2019	JP	
Nitrogen, Nitrate	190223-NO	nd	0.050	mg/L	EPA 300.0	2/23/2019	FW	
Sulfate	190301-Sulfate	nd	0.20	mg/L	EPA 300.0	3/1/2019	FW	

QUALITY CONTROL RESULTS
Duplicate Sample

PARAMETER	SAMPLE BATCH	RESULT	DUP. RESULT	UNITS	ANALYTICAL METHOD	RPD(%)	LIMITS(%)	ANALYSIS DATE	ANALYST	DATA FLAGS
Alkalinity ($CaCO_3$)	190222-Alkalinity (CaCO3)	nd	nd	mg/L	SM 2320 B	0.00	±35	2/22/2019	JP	
Nitrogen, Nitrate	190223-NO	0.46	0.46	mg/L	EPA 300.0	0.44	±35	2/23/2019	FW	
Sulfate	190301-Sulfate	0.052	0.052	mg/L	EPA 300.0	0.00	±35	3/1/2019	FW	

WA-DOE-Laboratory Certification No.: C890

"MRL" indicates Method Reporting Limit

"RPD" indicates Relative Percent Difference

"nd" indicates the analyte was not detected at or above the listed Method Reporting Limit.

"n/a" indicates not applicable

Comments and Explanations: None

DRAGON ANALYTICAL LABORATORY

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Customerservice@DragonLaboratory.com

Hazardous Waste, Microbiology, NPDES, Potable and Non-potable Water
Mobile Environmental Laboratory

Libby Environmental, Inc.
DAL Project No.: 190222-02

Project Name: Whitneys
Project No.: L190221-4

QUALITY CONTROL RESULTS
Laboratory Fortified Blank

PARAMETER	SAMPLE BATCH	LFB RESULT	TRUE VALUE	UNITS	ANALYTICAL METHOD	RECOVERY (%)	LIMITS (%)	ANALYSIS DATE	ANALYST	DATA FLAGS
Alkalinity ($CaCO_3$)	190222-Alkalinity (CaCO3)	n/a	n/a	mg/L	SM 2320 B	n/a	n/a	n/a	n/a	
Nitrogen, Nitrate	190223-NO	0.48	0.50	mg/L	EPA 300.0	96.6	65.0-135	2/23/2019	FW	
Sulfate	190301-Sulfate	0.54	0.50	mg/L	EPA 300.0	108	65.0-135	3/1/2019	FW	

QUALITY CONTROL RESULTS
Matrix Spike/Matrix Spike Duplicate

PARAMETER	SAMPLE BATCH	MS RESULT	MSD RESULT	TRUE VALUE	UNITS	ANALYTICAL METHOD	RPD (%)	LIMITS(%)	ANALYSIS DATE	ANALYST	DATA FLAGS
Alkalinity ($CaCO_3$)	190222-Alkalinity ($CaCO_3$)	n/a	n/a	n/a	mg/L	SM 2320 B	n/a	n/a	n/a	n/a	
Nitrogen, Nitrate	190223-NO	0.51	0.50	0.50	mg/L	EPA 300.0	0.99	±35	2/23/2019	FW	
Sulfate	190301-Sulfate	0.49	0.49	0.50	mg/L	EPA 300.0	0.61	±35	3/1/2019	FW	

WA-DOE-Laboratory Certification No.: C890
"RPD" indicates Relative Percent Difference
"nd" indicates the analyte was not detected at or above the listed Method Reporting Limit.
"n/a" indicates not applicable

Comments and Explanations: None

Dragon

Libby Environmental, Inc.

Chain of Custody Record

www.LibbyEnvironmental.com

4139 Libby Road NE
Olympia, WA 98506
Ph: 360-352-2110
Fax: 360-352-4154

Date: 2/22/19 Page: 1 of 1

Client: Libby Environmental, Inc
Address: (see above)
City: State: Zip:
Phone: Fax:
Client Project # L190221-4

Project Manager: Sherry Chilcutt
Project Name: Whitney's
Location: City, State: Montesano, WA
Collector: NH/WW Date of Collection: 2/21/19
Email: libbyenv@gmail.com DAL 190222-02

Sample Number	Depth	Time	Sample Type	Container Type	pH	Turbidity	Oil & Grease	Zinc, Copper	Zinc, Copper, Lead	TSS	BOD 5	Nitrate/Nitrite	Total Phosphorus	COD	TPH	Sulfate	Alkalinity	Field Notes
1 KBMW-8	—	8:30	H_2O	poly							X				X	X		
2 KBMW-1	—	9:50									X				X	X		
3 WCMW-10	—	10:30									X				X	X		
4 WCMW-1R	—	11:40									X				X	X		
5 KBMW-4	—	14:20									X				X	X		
6 WCMW-3	—	15:12									X				X	X		
7																		
8																		
9																		
10																		

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	2/22/19 1046	[signature]	2/22 1047
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	(Y)	N	
Temp.	3/6	°C	
Seals Intact?	Y	N	N/A
Total Number of Containers			

Remarks:
~~Record pH here:~~

Standard 5-day TAT

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

Attachment B
Laboratory Analytical Data Reports for System Vapors

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Environmental Partners, Inc.
Sean Trimble
1180 NW Maple Street, Suite 310
Issaquah, WA 98027

RE: Whitney's
Work Order Number: 1901154

January 18, 2019

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 1/11/2019 for the analyses presented in the following report.

Gasoline by NWTPH-Gx
Volatile Organic Compounds by EPA Method 8260C

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Mike Ridgeway
Laboratory Director

Date: *01/18/2019*

CLIENT: Environmental Partners, Inc.
Project: Whitney's
Work Order: 1901154

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1901154-001	INF-0111	01/11/2019 11:30 AM	01/11/2019 1:20 PM

Case Narrative

WO#: **1901154**
Date: **1/18/2019**

CLIENT: Environmental Partners, Inc.
Project: Whitney's

I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

NOTE: The conversion of Gasoline to ppmv should be considered an estimate. The molecular weight used in the conversion is 100.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Client: Environmental Partners, Inc. **Collection Date:** 1/11/2019 11:30:00 AM
Project: Whitney's
Lab ID: 1901154-001 **Matrix:** Air
Client Sample ID: **INF-0111**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 23239		Analyst: CR
Dichlorodifluoromethane	ND	0.100	Q	µg/L	1	1/11/2019 4:24:45 PM
Chloromethane	ND	0.100	Q	µg/L	1	1/11/2019 4:24:45 PM
Vinyl chloride	ND	0.0200	Q	µg/L	1	1/11/2019 4:24:45 PM
Bromomethane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Chloroethane	ND	0.100	Q	µg/L	1	1/11/2019 4:24:45 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Methylene chloride	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
2,2-Dichloropropane	ND	0.200	Q	µg/L	1	1/11/2019 4:24:45 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Chloroform	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Carbon tetrachloride	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Benzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Trichloroethene (TCE)	ND	0.0500		µg/L	1	1/11/2019 4:24:45 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Bromodichloromethane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Dibromomethane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Toluene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Dibromochloromethane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	1/11/2019 4:24:45 PM
Chlorobenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Ethylbenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
m,p-Xylene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
o-Xylene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Styrene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Isopropylbenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Bromoform	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM

Analytical Report

Work Order: **1901154**
Date Reported: **1/18/2019**

Client: Environmental Partners, Inc. **Collection Date:** 1/11/2019 11:30:00 AM
Project: Whitney's
Lab ID: 1901154-001 **Matrix:** Air
Client Sample ID: **INF-0111**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 23239		Analyst: CR
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
n-Propylbenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Bromobenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
2-Chlorotoluene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
4-Chlorotoluene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
tert-Butylbenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	1/11/2019 4:24:45 PM
sec-Butylbenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
n-Butylbenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,2-Dibromo-3-chloropropane	ND	0.100	Q	µg/L	1	1/11/2019 4:24:45 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	1/11/2019 4:24:45 PM
Naphthalene	ND	0.100		µg/L	1	1/11/2019 4:24:45 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	1/11/2019 4:24:45 PM
Surr: Dibromofluoromethane	97.1	56.4 - 141		%Rec	1	1/11/2019 4:24:45 PM
Surr: Toluene-d8	95.5	66 - 138		%Rec	1	1/11/2019 4:24:45 PM
Surr: 1-Bromo-4-fluorobenzene-BFB	95.5	64.7 - 128		%Rec	1	1/11/2019 4:24:45 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria

Gasoline by NWTPH-Gx				Batch ID: 23239		Analyst: CR
Gasoline	ND	5.00		µg/L	1	1/11/2019 4:24:45 PM
Gasoline	ND	1.22		ppmv	1	1/11/2019 4:24:45 PM
Surr: 4-Bromofluorobenzene	95.1	65 - 135		%Rec	1	1/11/2019 4:24:45 PM
Surr: Toluene-d8	98.4	65 - 135		%Rec	1	1/11/2019 4:24:45 PM

Work Order: 1901154
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1901154-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48929**
Client ID: **INF-0111** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959326**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	Q
Chloromethane	ND	0.100						0		30	Q
Vinyl chloride	ND	0.0200						0		30	Q
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	Q
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
2,2-Dichloropropane	ND	0.200						0		30	Q
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	ND	0.0500						0		30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	

Work Order: 1901154
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1901154-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48929**
Client ID: **INF-0111** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959326**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.100						0		30	
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	Q
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.43		2.500		97.3	61.1	128		0		
Surr: Toluene-d8	2.38		2.500		95.2	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene-BFB	2.42		2.500		96.6	64.7	128		0		

Work Order: 1901154
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1901154-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48929**
Client ID: **INF-0111** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959326**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria

Sample ID **MB-23239** SampType: **MBLK** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48929**
Client ID: **MBLKW** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959330**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									Q
Chloromethane	ND	0.100									Q
Vinyl chloride	ND	0.0200									Q
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									Q
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
2,2-Dichloropropane	ND	0.200									Q
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									

Work Order: 1901154
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-23239** SampType: **MBLK** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48929**
Client ID: **MBLKW** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959330**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									Q

Work Order: 1901154
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-23239** SampType: **MBLK** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48929**
Client ID: **MBLKW** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959330**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.41		2.500		96.4	56.4	141				
Surr: Toluene-d8	2.38		2.500		95.2	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.42		2.500		96.6	64.7	128				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria

Sample ID **LCS-23239** SampType: **LCS** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48929**
Client ID: **LCSW** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959329**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.17	0.100	2.000	0	109	38.8	143				
Chloromethane	1.84	0.100	2.000	0	92.1	42.5	131				
Vinyl chloride	1.86	0.0200	2.000	0	93.2	56.2	130				
Bromomethane	2.22	0.100	2.000	0	111	45.4	138				
Trichlorofluoromethane (CFC-11)	2.01	0.100	2.000	0	100	64.7	129				
Chloroethane	1.94	0.100	2.000	0	97.0	62.5	123				
1,1-Dichloroethene	2.10	0.100	2.000	0	105	60.7	146				
Methylene chloride	1.88	0.100	2.000	0	93.9	60.3	135				
trans-1,2-Dichloroethene	1.98	0.100	2.000	0	99.2	71.3	129				
Methyl tert-butyl ether (MTBE)	1.75	0.100	2.000	0	87.5	59.3	138				
1,1-Dichloroethane	1.89	0.100	2.000	0	94.7	71.3	129				
2,2-Dichloropropane	1.86	0.200	2.000	0	92.9	37.8	132				
cis-1,2-Dichloroethene	2.03	0.100	2.000	0	102	67.5	127				
Chloroform	1.95	0.100	2.000	0	97.4	70.3	123				
1,1,1-Trichloroethane (TCA)	1.95	0.100	2.000	0	97.5	67.9	134				
1,1-Dichloropropene	1.93	0.100	2.000	0	96.7	72.1	133				
Carbon tetrachloride	1.94	0.100	2.000	0	96.9	64.4	133				

Work Order: 1901154
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-23239** SampType: **LCS** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48929**
Client ID: **LCSW** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959329**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane (EDC)	1.92	0.100	2.000	0	96.1	65.8	126				
Benzene	1.95	0.100	2.000	0	97.4	67.1	132				
Trichloroethene (TCE)	2.01	0.0500	2.000	0	100	71.9	130				
1,2-Dichloropropane	1.88	0.100	2.000	0	94.2	71.9	131				
Bromodichloromethane	1.83	0.100	2.000	0	91.4	70	130				
Dibromomethane	1.95	0.100	2.000	0	97.3	74.2	125				
cis-1,3-Dichloropropene	1.83	0.100	2.000	0	91.3	62.8	135				
Toluene	1.97	0.100	2.000	0	98.7	73.6	127				
trans-1,3-Dichloropropylene	1.83	0.100	2.000	0	91.5	58.1	138				
1,1,2-Trichloroethane	2.02	0.100	2.000	0	101	65.4	128				
1,3-Dichloropropane	1.95	0.100	2.000	0	97.5	71.9	131				
Tetrachloroethene (PCE)	2.11	0.100	2.000	0	106	52.4	140				
Dibromochloromethane	1.93	0.100	2.000	0	96.3	68.7	139				
1,2-Dibromoethane (EDB)	2.01	0.0250	2.000	0	101	71.2	129				
Chlorobenzene	2.03	0.100	2.000	0	102	77.2	122				
1,1,1,2-Tetrachloroethane	1.98	0.100	2.000	0	98.9	76.2	130				
Ethylbenzene	2.01	0.100	2.000	0	101	78	127				
m,p-Xylene	4.06	0.100	4.000	0	101	77.5	130				
o-Xylene	2.02	0.100	2.000	0	101	77.6	126				
Styrene	1.98	0.100	2.000	0	99.1	66.8	137				
Isopropylbenzene	2.03	0.100	2.000	0	102	75.9	133				
Bromoform	1.88	0.100	2.000	0	94.2	54.1	146				
1,1,2,2-Tetrachloroethane	2.02	0.100	2.000	0	101	68	134				
n-Propylbenzene	2.06	0.100	2.000	0	103	77.1	133				
Bromobenzene	2.09	0.100	2.000	0	105	71.1	131				
1,3,5-Trimethylbenzene	2.03	0.100	2.000	0	102	76.2	133				
2-Chlorotoluene	2.03	0.100	2.000	0	102	67.1	137				
4-Chlorotoluene	2.00	0.100	2.000	0	100	70.7	132				
tert-Butylbenzene	2.04	0.100	2.000	0	102	71.3	139				
1,2,3-Trichloropropane	1.94	0.100	2.000	0	96.9	70.8	132				
1,2,4-Trichlorobenzene	2.02	0.200	2.000	0	101	61.4	139				

Work Order: 1901154
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-23239** SampType: **LCS** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48929**
Client ID: **LCSW** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959329**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	2.04	0.100	2.000	0	102	77.4	136				
4-Isopropyltoluene	2.04	0.100	2.000	0	102	78.1	131				
1,3-Dichlorobenzene	2.02	0.100	2.000	0	101	73.5	125				
1,4-Dichlorobenzene	2.05	0.100	2.000	0	103	71.4	125				
n-Butylbenzene	2.02	0.100	2.000	0	101	69.8	138				
1,2-Dichlorobenzene	2.04	0.100	2.000	0	102	74.2	123				
1,2-Dibromo-3-chloropropane	1.72	0.100	2.000	0	85.8	53.6	155				
1,2,4-Trimethylbenzene	2.01	0.100	2.000	0	100	72.3	133				
Hexachlorobutadiene	2.10	0.400	2.000	0	105	60.9	141				
Naphthalene	1.93	0.100	2.000	0	96.5	58.2	140				
1,2,3-Trichlorobenzene	2.00	0.400	2.000	0	100	61.3	133				
Surr: Dibromofluoromethane	2.34		2.500		93.7	56.4	141				
Surr: Toluene-d8	2.40		2.500		96.2	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.41		2.500		96.6	64.7	128				

Work Order: 1901154
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **1901154-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48931**
Client ID: **INF-0111** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959346**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00						0		30	
Surr: 4-Bromofluorobenzene	2.43		2.500		97.1	65	135		0		
Surr: Toluene-d8	2.49		2.500		99.5	65	135		0		

Sample ID **MB-23239** SampType: **MBLK** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48931**
Client ID: **MBLKW** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959350**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: 4-Bromofluorobenzene	2.40		2.500		96.0	65	135				
Surr: Toluene-d8	2.46		2.500		98.4	65	135				

Sample ID **LCS-23239** SampType: **LCS** Units: **µg/L** Prep Date: **1/11/2019** RunNo: **48931**
Client ID: **LCSW** Batch ID: **23239** Analysis Date: **1/11/2019** SeqNo: **959349**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	50.2	5.00	50.00	0	100	65	135				
Surr: 4-Bromofluorobenzene	2.42		2.500		96.9	65	135				
Surr: Toluene-d8	2.47		2.500		98.9	65	135				

Sample Log-In Check List

Client Name:	**EPI**	Work Order Number:	**1901154**
Logged by:	**Clare Griggs**	Date Received:	**1/11/2019 1:20:00 PM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Coolers are present?	Yes ☐	No ☑	NA ☐
		Air Sample		
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☐	No ☐	NA ☑
7.	Were all items received at a temperature of >0°C to 10.0°C*	Yes ☐	No ☐	NA ☑
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
10.	Are samples properly preserved?	Yes ☑	No ☐	
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
14.	Does paperwork match bottle labels?	Yes ☑	No ☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
16.	Is it clear what analyses were requested?	Yes ☑	No ☐	
17.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified:		Date	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Chain of Custody Record & Laboratory Services Agreement

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Date: 01/11/19 Page: 1 of: 1

Laboratory Project No (internal): 1901154

Project Name: WHITNEY'S

Special Remarks:

Project No: 51201

Client: EPI

Address: 1180 NW MAPLE ST. SUITE 310

Collected by: N. HINSPERGER

City, State, Zip: ISSAQUAH, WA. 98027

Location:

Telephone: (425) 395-0010

Report To (PM): SEAN TRIMBLE

Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)

Fax:

PM Email: SEANT@EPI-WA.COM

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8)	Total (T)	Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	INF-0111	01/11/19	1130	A	X	X													
2																			
3																			
4																			
5																			
6																			
7																			
8																			
9																			
10																			

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x	01/11/19 1320	x	1/11/19 1321
Relinquished	Date/Time	Received	Date/Time
x		x	

Turn-around Time:

- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

3600 Fremont Ave. N.
Seattle, WA 98103
T: (206) 352-3790
F: (206) 352-7178
info@fremontanalytical.com

Environmental Partners, Inc.
Sean Trimble
1180 NW Maple Street, Suite 310
Issaquah, WA 98027

RE: WHITNEY'S
Work Order Number: 1902271

February 27, 2019

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 2/22/2019 for the analyses presented in the following report.

Gasoline by NWTPH-Gx
Volatile Organic Compounds by EPA Method 8260C

This report consists of the following:

- Case Narrative
- Analytical Results
- Applicable Quality Control Summary Reports
- Chain of Custody

All analyses were performed consistent with the Quality Assurance program of Fremont Analytical, Inc. Please contact the laboratory if you should have any questions about the results.

Thank you for using Fremont Analytical.

Sincerely,

Mike Ridgeway
Laboratory Director

Date: *02/27/2019*

CLIENT: Environmental Partners, Inc.
Project: WHITNEY'S
Work Order: 1902271

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1902271-001	INF-0222	02/22/2019 10:00 AM	02/22/2019 11:40 AM

Case Narrative

WO#: **1902271**
Date: **2/27/2019**

CLIENT: Environmental Partners, Inc.
Project: WHITNEY'S

WorkOrder Narrative:
I. SAMPLE RECEIPT:
Samples receipt information is recorded on the attached Sample Receipt Checklist.

II. GENERAL REPORTING COMMENTS:
Results are reported on a wet weight basis unless dry-weight correction is denoted in the units field on the analytical report ("mg/kg-dry" or "ug/kg-dry").

The validity of the analytical procedures for which data is reported in this analytical report is determined by the Laboratory Control Sample (LCS) and the Method Blank (MB). The LCS and the MB are processed with the samples to ensure method criteria are achieved throughout the entire analytical process.

III. ANALYSES AND EXCEPTIONS:
Exceptions associated with this report will be footnoted in the analytical results page(s) or the quality control summary page(s) and/or noted below.

NOTE: The conversion of Gasoline should be considered an estimate. The molecular weight used in the calculation is 100.

Qualifiers:

* - Flagged value is not within established control limits
B - Analyte detected in the associated Method Blank
D - Dilution was required
E - Value above quantitation range
H - Holding times for preparation or analysis exceeded
I - Analyte with an internal standard that does not meet established acceptance criteria
J - Analyte detected below Reporting Limit
N - Tentatively Identified Compound (TIC)
Q - Analyte with an initial or continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF)
S - Spike recovery outside accepted recovery limits
ND - Not detected at the Reporting Limit
R - High relative percent difference observed

Acronyms:

%Rec - Percent Recovery
CCB - Continued Calibration Blank
CCV - Continued Calibration Verification
DF - Dilution Factor
HEM - Hexane Extractable Material
ICV - Initial Calibration Verification
LCS/LCSD - Laboratory Control Sample / Laboratory Control Sample Duplicate
MB or MBLANK - Method Blank
MDL - Method Detection Limit
MS/MSD - Matrix Spike / Matrix Spike Duplicate
PDS - Post Digestion Spike
Ref Val - Reference Value
RL - Reporting Limit
RPD - Relative Percent Difference
SD - Serial Dilution
SGT - Silica Gel Treatment
SPK - Spike
Surr - Surrogate

Client: Environmental Partners, Inc. **Collection Date:** 2/22/2019 10:00:00 AM
Project: WHITNEY'S
Lab ID: 1902271-001 **Matrix:** Air
Client Sample ID: **INF-0222**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 23620		Analyst: CR
Dichlorodifluoromethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Chloromethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Vinyl chloride	ND	0.0200		µg/L	1	2/24/2019 10:50:47 AM
Bromomethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Chloroethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Methylene chloride	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
2,2-Dichloropropane	ND	0.200		µg/L	1	2/24/2019 10:50:47 AM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Chloroform	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Carbon tetrachloride	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Benzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Trichloroethene (TCE)	ND	0.0500		µg/L	1	2/24/2019 10:50:47 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Bromodichloromethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Dibromomethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Toluene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Dibromochloromethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	2/24/2019 10:50:47 AM
Chlorobenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Ethylbenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
m,p-Xylene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
o-Xylene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Styrene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Isopropylbenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Bromoform	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM

Analytical Report

Work Order: **1902271**
Date Reported: **2/27/2019**

Client: Environmental Partners, Inc.
Collection Date: 2/22/2019 10:00:00 AM
Project: WHITNEY'S
Lab ID: 1902271-001
Matrix: Air
Client Sample ID: **INF-0222**

Analyses	Result	PQL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 23620		Analyst: CR
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
n-Propylbenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Bromobenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
2-Chlorotoluene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
4-Chlorotoluene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
tert-Butylbenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	2/24/2019 10:50:47 AM
sec-Butylbenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
n-Butylbenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	2/24/2019 10:50:47 AM
Naphthalene	ND	0.100		µg/L	1	2/24/2019 10:50:47 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	2/24/2019 10:50:47 AM
Surr: Dibromofluoromethane	98.7	56.4 - 141		%Rec	1	2/24/2019 10:50:47 AM
Surr: Toluene-d8	99.7	66 - 138		%Rec	1	2/24/2019 10:50:47 AM
Surr: 1-Bromo-4-fluorobenzene-BFB	98.1	64.7 - 128		%Rec	1	2/24/2019 10:50:47 AM
Gasoline by NWTPH-Gx				Batch ID: 23620		Analyst: CR
Gasoline	ND	5.00		µg/L	1	2/24/2019 10:50:47 AM
Gasoline	ND	1.22		ppmv	1	2/24/2019 10:50:47 AM
Surr: 4-Bromofluorobenzene	98.9	65 - 135		%Rec	1	2/24/2019 10:50:47 AM
Surr: Toluene-d8	101	65 - 135		%Rec	1	2/24/2019 10:50:47 AM

Work Order: 1902271
CLIENT: Environmental Partners, Inc.
Project: WHITNEY'S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1902258-002AREP** SampType: **REP** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49647**
Client ID: **BATCH** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973195**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
2,2-Dichloropropane	ND	0.200						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	ND	0.0500						0		30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	

Work Order: 1902271
CLIENT: Environmental Partners, Inc.
Project: WHITNEY'S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1902258-002AREP** SampType: **REP** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49647**
Client ID: **BATCH** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973195**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	ND	0.100						0		30	
1,1,1,2-Tetrachloroethane	ND	0.100						0		30	
Ethylbenzene	ND	0.100						0		30	
m,p-Xylene	ND	0.100						0		30	
o-Xylene	ND	0.100						0		30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	
1,1,2,2-Tetrachloroethane	ND	0.100						0		30	
n-Propylbenzene	ND	0.100						0		30	
Bromobenzene	ND	0.100						0		30	
1,3,5-Trimethylbenzene	ND	0.100						0		30	
2-Chlorotoluene	ND	0.100						0		30	
4-Chlorotoluene	ND	0.100						0		30	
tert-Butylbenzene	ND	0.100						0		30	
1,2,3-Trichloropropane	ND	0.100						0		30	
1,2,4-Trichlorobenzene	ND	0.200						0		30	
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.13		2.500		85.3	61.1	128		0		
Surr: Toluene-d8	2.55		2.500		102	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene-BFB	2.35		2.500		94.1	64.7	128		0		

Work Order: 1902271
CLIENT: Environmental Partners, Inc.
Project: WHITNEY'S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1902258-002AREP** SampType: **REP** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49647**
Client ID: **BATCH** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973195**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID **LCS-23620** SampType: **LCS** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49647**
Client ID: **LCSW** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973203**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	3.02	0.100	2.000	0	151	38.8	143				S
Chloromethane	2.71	0.100	2.000	0	135	42.5	131				S
Vinyl chloride	2.41	0.0200	2.000	0	121	56.2	130				
Bromomethane	1.56	0.100	2.000	0	77.9	45.4	138				
Trichlorofluoromethane (CFC-11)	2.39	0.100	2.000	0	119	64.7	129				
Chloroethane	2.33	0.100	2.000	0	117	62.5	123				
1,1-Dichloroethene	2.43	0.100	2.000	0	121	60.7	146				
Methylene chloride	2.22	0.100	2.000	0	111	60.3	135				
trans-1,2-Dichloroethene	2.16	0.100	2.000	0	108	71.3	129				
Methyl tert-butyl ether (MTBE)	2.17	0.100	2.000	0	108	59.3	138				
1,1-Dichloroethane	2.02	0.100	2.000	0	101	71.3	129				
2,2-Dichloropropane	2.33	0.200	2.000	0	116	37.8	132				
cis-1,2-Dichloroethene	2.35	0.100	2.000	0	117	67.5	127				
Chloroform	2.01	0.100	2.000	0	101	70.3	123				
1,1,1-Trichloroethane (TCA)	2.09	0.100	2.000	0	104	67.9	134				
1,1-Dichloropropene	2.07	0.100	2.000	0	103	72.1	133				
Carbon tetrachloride	2.03	0.100	2.000	0	102	64.4	133				
1,2-Dichloroethane (EDC)	2.03	0.100	2.000	0	102	65.8	126				
Benzene	2.24	0.100	2.000	0	112	67.1	132				
Trichloroethene (TCE)	2.04	0.0500	2.000	0	102	71.9	130				
1,2-Dichloropropane	2.09	0.100	2.000	0	104	71.9	131				
Bromodichloromethane	2.26	0.100	2.000	0	113	70	130				
Dibromomethane	2.05	0.100	2.000	0	103	74.2	125				
cis-1,3-Dichloropropene	2.17	0.100	2.000	0	108	62.8	135				
Toluene	2.17	0.100	2.000	0	109	73.6	127				

Work Order: 1902271
CLIENT: Environmental Partners, Inc.
Project: WHITNEY'S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-23620** SampType: **LCS** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49647**
Client ID: **LCSW** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973203**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	2.17	0.100	2.000	0	108	58.1	138				
1,1,2-Trichloroethane	2.07	0.100	2.000	0	103	65.4	128				
1,3-Dichloropropane	2.07	0.100	2.000	0	104	71.9	131				
Tetrachloroethene (PCE)	2.14	0.100	2.000	0	107	52.4	140				
Dibromochloromethane	2.13	0.100	2.000	0	106	68.7	139				
1,2-Dibromoethane (EDB)	2.04	0.0250	2.000	0	102	71.2	129				
Chlorobenzene	2.17	0.100	2.000	0	109	77.2	122				
1,1,1,2-Tetrachloroethane	2.13	0.100	2.000	0	106	76.2	130				
Ethylbenzene	2.26	0.100	2.000	0	113	78	127				
m,p-Xylene	4.52	0.100	4.000	0	113	77.5	130				
o-Xylene	2.12	0.100	2.000	0	106	77.6	126				
Styrene	2.13	0.100	2.000	0	107	66.8	137				
Isopropylbenzene	2.27	0.100	2.000	0	113	75.9	133				
Bromoform	2.30	0.100	2.000	0	115	54.1	146				
1,1,2,2-Tetrachloroethane	2.26	0.100	2.000	0	113	68	134				
n-Propylbenzene	2.35	0.100	2.000	0	118	77.1	133				
Bromobenzene	2.31	0.100	2.000	0	115	71.1	131				
1,3,5-Trimethylbenzene	2.33	0.100	2.000	0	117	76.2	133				
2-Chlorotoluene	2.37	0.100	2.000	0	118	67.1	137				
4-Chlorotoluene	2.16	0.100	2.000	0	108	70.7	132				
tert-Butylbenzene	2.36	0.100	2.000	0	118	71.3	139				
1,2,3-Trichloropropane	2.13	0.100	2.000	0	107	70.8	132				
1,2,4-Trichlorobenzene	2.12	0.200	2.000	0	106	61.4	139				
sec-Butylbenzene	2.34	0.100	2.000	0	117	77.4	136				
4-Isopropyltoluene	2.27	0.100	2.000	0	114	78.1	131				
1,3-Dichlorobenzene	2.26	0.100	2.000	0	113	73.5	125				
1,4-Dichlorobenzene	2.08	0.100	2.000	0	104	71.4	125				
n-Butylbenzene	2.18	0.100	2.000	0	109	69.8	138				
1,2-Dichlorobenzene	2.14	0.100	2.000	0	107	74.2	123				
1,2-Dibromo-3-chloropropane	2.19	0.100	2.000	0	110	53.6	155				
1,2,4-Trimethylbenzene	2.34	0.100	2.000	0	117	72.3	133				

Work Order: 1902271
CLIENT: Environmental Partners, Inc.
Project: WHITNEY'S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-23620** SampType: **LCS** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49647**
Client ID: **LCSW** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973203**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	2.34	0.400	2.000	0	117	60.9	141				
Naphthalene	1.85	0.100	2.000	0	92.3	58.2	140				
1,2,3-Trichlorobenzene	1.98	0.400	2.000	0	98.9	61.3	133				
Surr: Dibromofluoromethane	2.39		2.500		95.5	56.4	141				
Surr: Toluene-d8	2.35		2.500		94.0	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.74		2.500		110	64.7	128				

NOTES:
S - Outlying spike recovery observed (high bias). Samples are non-detect for this analyte; no further action required.

Sample ID **MB-23620** SampType: **MBLK** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49647**
Client ID: **MBLKW** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973204**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100									
Chloromethane	ND	0.100									
Vinyl chloride	ND	0.0200									
Bromomethane	ND	0.100									
Trichlorofluoromethane (CFC-11)	ND	0.100									
Chloroethane	ND	0.100									
1,1-Dichloroethene	ND	0.100									
Methylene chloride	ND	0.100									
trans-1,2-Dichloroethene	ND	0.100									
Methyl tert-butyl ether (MTBE)	ND	0.100									
1,1-Dichloroethane	ND	0.100									
2,2-Dichloropropane	ND	0.200									
cis-1,2-Dichloroethene	ND	0.100									
Chloroform	ND	0.100									
1,1,1-Trichloroethane (TCA)	ND	0.100									
1,1-Dichloropropene	ND	0.100									
Carbon tetrachloride	ND	0.100									
1,2-Dichloroethane (EDC)	ND	0.100									

Work Order: 1902271
CLIENT: Environmental Partners, Inc.
Project: WHITNEY'S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-23620** SampType: **MBLK** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49647**
Client ID: **MBLKW** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973204**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Benzene	ND	0.100									
Trichloroethene (TCE)	ND	0.0500									
1,2-Dichloropropane	ND	0.100									
Bromodichloromethane	ND	0.100									
Dibromomethane	ND	0.100									
cis-1,3-Dichloropropene	ND	0.100									
Toluene	ND	0.100									
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									
Tetrachloroethene (PCE)	ND	0.100									
Dibromochloromethane	ND	0.100									
1,2-Dibromoethane (EDB)	ND	0.0250									
Chlorobenzene	ND	0.100									
1,1,1,2-Tetrachloroethane	ND	0.100									
Ethylbenzene	ND	0.100									
m,p-Xylene	ND	0.100									
o-Xylene	ND	0.100									
Styrene	ND	0.100									
Isopropylbenzene	ND	0.100									
Bromoform	ND	0.100									
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									

Work Order: 1902271
CLIENT: Environmental Partners, Inc.
Project: WHITNEY'S

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-23620** SampType: **MBLK** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49647**
Client ID: **MBLKW** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973204**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									
1,2,4-Trimethylbenzene	ND	0.100									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.48		2.500		99.2	56.4	141				
Surr: Toluene-d8	2.41		2.500		96.5	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.43		2.500		97.2	64.7	128				

Work Order: 1902271
CLIENT: Environmental Partners, Inc.
Project: WHITNEY'S

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **1902258-002AREP** SampType: **REP** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49648**
Client ID: **BATCH** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973207**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00						0		30	
Surr: 4-Bromofluorobenzene	2.38		2.500		95.3	65	135		0		
Surr: Toluene-d8	2.42		2.500		96.7	65	135		0		

Sample ID **LCS-23620** SampType: **LCS** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49648**
Client ID: **LCSW** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973215**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	45.4	5.00	50.00	0	90.7	65	135				
Surr: 4-Bromofluorobenzene	2.45		2.500		98.1	65	135				
Surr: Toluene-d8	2.46		2.500		98.6	65	135				

Sample ID **MB-23620** SampType: **MBLK** Units: **µg/L** Prep Date: **2/24/2019** RunNo: **49648**
Client ID: **MBLKW** Batch ID: **23620** Analysis Date: **2/24/2019** SeqNo: **973216**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: 4-Bromofluorobenzene	2.47		2.500		98.8	65	135				
Surr: Toluene-d8	2.47		2.500		99.0	65	135				

Sample Log-In Check List

Client Name:	**EPI**	Work Order Number:	**1902271**
Logged by:	**Brianna Barnes**	Date Received:	**2/22/2019 11:40:00 AM**

Chain of Custody

1.	Is Chain of Custody complete?	Yes ☑	No ☐	Not Present ☐
2.	How was the sample delivered?	Client		

Log In

3.	Coolers are present?	Yes ☐	No ☑	NA ☐
		Air samples.		
4.	Shipping container/cooler in good condition?	Yes ☑	No ☐	
5.	Custody Seals present on shipping container/cooler? (Refer to comments for Custody Seals not intact)	Yes ☐	No ☐	Not Required ☑
6.	Was an attempt made to cool the samples?	Yes ☐	No ☐	NA ☑
7.	Were all items received at a temperature of >0°C to 10.0°C*	Yes ☐	No ☐	NA ☑
8.	Sample(s) in proper container(s)?	Yes ☑	No ☐	
9.	Sufficient sample volume for indicated test(s)?	Yes ☑	No ☐	
10.	Are samples properly preserved?	Yes ☑	No ☐	
11.	Was preservative added to bottles?	Yes ☐	No ☑	NA ☐
12.	Is there headspace in the VOA vials?	Yes ☐	No ☐	NA ☑
13.	Did all samples containers arrive in good condition(unbroken)?	Yes ☑	No ☐	
14.	Does paperwork match bottle labels?	Yes ☑	No ☐	
15.	Are matrices correctly identified on Chain of Custody?	Yes ☑	No ☐	
16.	Is it clear what analyses were requested?	Yes ☑	No ☐	
17.	Were all holding times able to be met?	Yes ☑	No ☐	

Special Handling (if applicable)

18.	Was client notified of all discrepancies with this order?	Yes ☐	No ☐	NA ☑

Person Notified:		Date	
By Whom:		Via:	☐ eMail ☐ Phone ☐ Fax ☐ In Person
Regarding:			
Client Instructions:			

19. Additional remarks:

Item Information

* Note: DoD/ELAP and TNI require items to be received at 4°C +/- 2°C

Fremont Analytical
3600 Fremont Ave N.
Seattle, WA 98103
Tel: 206-352-3790
Fax: 206-352-7178

Chain of Custody Record & Laboratory Services Agreement

Date: 02/22/19 Page: 1 of: 1
Laboratory Project No (internal): 1902271
Project Name: WHITNEY'S
Special Remarks:
Client: EPI
Project No: 51201
Address: 1180 NW MAPLE ST. SUITE 310
Collected by: N. HINSPERGER
City, State, Zip: ISSAQUAH, WA. 98027
Location:
Telephone: (425) 395-0010
Report To (PM): SEAN TRIMBLE
Sample Disposal: ☐ Return to client ☐ Disposal by lab (after 30 days)
Fax:
PM Email: SEANT@EPI-WA.COM

	Sample Name	Sample Date	Sample Time	Sample Type (Matrix)*	VOCs (EPA 8260 / 624)	GX	BTEX	Gasoline Range Organics (GX)	Hydrocarbon Identification (HCID)	Diesel/Heavy Oil Range Organics (DX)	SVOCs (EPA 8270 / 625)	PAHs (EPA 8270 - SIM)	PCBs (EPA 8082 / 608)	Metals** (EPA 6020 / 200.8) Total (T) | Dissolved (D)	Anions (IC)***	EDB (8011)	Comments
1	INF-0222	02/22/19	1000	A	X	X											
2																	
3																	
4																	
5																	
6																	
7																	
8																	
9																	
10																	

*Matrix: A = Air, AQ = Aqueous, B = Bulk, O = Other, P = Product, S = Soil, SD = Sediment, SL = Solid, W = Water, DW = Drinking Water, GW = Ground Water, SW = Storm Water, WW = Waste Water

**Metals (Circle): MTCA-5 RCRA-8 Priority Pollutants TAL *Individual:* Ag Al As B Ba Be Ca Cd Co Cr Cu Fe Hg K Mg Mn Mo Na Ni Pb Sb Se Sr Sn Ti Tl U V Zn

***Anions (Circle): Nitrate Nitrite Chloride Sulfate Bromide O-Phosphate Fluoride Nitrate+Nitrite

Turn-around Time:
- ☒ Standard
- ☐ 3 Day
- ☐ 2 Day
- ☐ Next Day
- Same Day _____ (specify)

I represent that I am authorized to enter into this Agreement with Fremont Analytical on behalf of the Client named above and that I have verified Client's agreement to each of the terms on the front and backside of this Agreement.

Relinquished	Date/Time	Received	Date/Time
x [signature]	02/22/19 1140	x [signature]	2/22/19 1140
Relinquished	Date/Time	Received	Date/Time
x		x	