ENVIRONMENTAL PARTNERS INC

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

August 30, 2018

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 – May 2018
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 May 2018 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 13 monitoring wells were scheduled for sampling during this event.

GROUNDWATER MONITORING AND SAMPLING PROCEDURES

The recently installed air sparging/soil vapor extraction (AS/SVE) remediation system at the Site was shut down on May 24, 2018 prior to the sampling event to allow for stabilization of the groundwater surface to more natural conditions. On May 29 and May 31, 2018, EPI personnel measured groundwater levels in 28 monitoring wells. Thirteen 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 May 29, 2018 and in 3 wells (KBMW-9, KBMW-10, and TSSMW-9) on May 31, 2018. 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 0.01 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 13 monitoring wells sampled during this event. Reported concentrations of GRPH ranged from 500 micrograms per liter (µg/L) in the groundwater sample collected from monitoring well KBMW-4 to 72,500 µg/L in the sample collected from monitoring well WCMW-2. GRPH isoconcentration contours for the May 2018 sampling event are presented on Figure 5.

Benzene was identified in samples collected from 3 of the 13 monitoring wells sampled during this event. Reported concentrations of benzene ranged from 3.2 µg/L in the sample collected from monitoring well KBMW-7 to 43 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 suggest 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 May 2018 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 4 of the 13 monitoring wells sampled during this event. Reported concentrations of PCE ranged from 1.2 µg/L in the groundwater sample collected from monitoring well KBMW-7 to 27 µg/L in the sample collected from monitoring well WCMW-2. PCE isoconcentration contours for the May 2018 sampling event are presented on Figure 7.

The next groundwater monitoring event is scheduled for August 2018. A total of 24 wells associated with the Whitney's Chevrolet, Inc. Site and 2 wells associated with the Tony's Short Stop property are scheduled for monitoring and sampling during the August 2018 monitoring event.

REMEDIATION SYSTEM OPERATION

As stated earlier, an AS/SVE system is operating at the Site for remediation of the shallow aquifer. Extracted vapors have been treated through activated carbon to remove COCs prior to atmospheric discharge. The atmospheric discharge 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. EPI will continue to monitor vapor concentrations as part of the monthly operation and maintenance (O&M) tasks to ensure compliance with ORCAA's discharge criteria.

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.

System O&M events were performed at the Site one to two times per week from startup in late March through the end of May, and thereafter 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 vapor-phase granular activated carbon (GAC) vessels 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 to confirm compliance with the air permit, estimate a contaminant mass removal rate, and evaluate control efficiency of the GAC treatment vessels when in use. 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. It should be noted that the system vapors were re-routed to bypass the GAC treatment after completion of the February 2018 O&M event. Therefore, only one vapor sample has been collected for laboratory analysis during each subsequent event.

Based on the monitoring data and vapor analytical results, it is estimated that the AS/SVE system removed an estimated 588 pounds of GRPH from the time of initial system startup on February 15, 2017 through May 24, 2018.

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, L.G.
Senior Geologist

ENCLOSURES

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Tables

Table 1
Groundwater Elevation Data
Quarterly Groundwater Monitoring and Remediation System Status Report – May 2018
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
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
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

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Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
WCMW-3	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
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
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

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WCMW-5	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
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
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

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WCMW-7	5/29/2018	39.85	14.24	0.00	25.61
WCMW-8	10/31/2011	40.70	15.91	0.00	24.79
	1/31/2012	40.70	13.51	0.00	27.19
WCMW-8	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
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
	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
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

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Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
WCMW-10	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
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
	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
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

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Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
KBMW-2	5/9/2018	38.17	14.61	0.00	23.56
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
	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
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
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

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KBMW-5	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
	2/6/2018	38.17	15.33	0.00	22.84
	5/29/2018	38.17	16.52	0.00	21.65
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
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

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KBMW-7	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
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
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
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

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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
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
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
	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

Table 1
Groundwater Elevation Data
Quarterly Groundwater Monitoring and Remediation System Status Report – May 2018
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-12	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
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
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
	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

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123 Pioneer Avenue, Montesano, Washington

Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
ESMW-7	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
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
	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
TSSMW-8	1/18/2010	34.52	13.02	0.00	21.50
	10/31/2011	34.52	14.31	0.00	20.21

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Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
TSSMW-8	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
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
	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
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

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123 Pioneer Avenue, Montesano, Washington

Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
TSSMW-12	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
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 – May 2018
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
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**
	8/9/17	**LNAPL – 0.51 foot (6.12 inches)**						
	11/28/2017 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**

Table 2
Groundwater Analytical Results (in µg/L)
Quarterly Groundwater Monitoring and Remediation System Status Report – May 2018
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-2	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
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
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
	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

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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-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**
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
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**
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**
	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**

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WCMW-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
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
	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
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**
	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**

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Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
KBMW-1	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
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**
	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
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
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

Table 2
Groundwater Analytical Results (in µg/L)
Quarterly Groundwater Monitoring and Remediation System Status Report – May 2018
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-4	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
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
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

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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-7	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**
	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**
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
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
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**

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Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
KBMW-10	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
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
	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

Table 2
Groundwater Analytical Results (in µg/L)
Quarterly Groundwater Monitoring and Remediation System Status Report – May 2018
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	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
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
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**
	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

Table 2
Groundwater Analytical Results (in µg/L)
Quarterly Groundwater Monitoring and Remediation System Status Report – May 2018
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	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
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
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/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.
GRPH	Gasoline-range petroleum hydrocarbons
PCE	Tetrachloroethene
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.

Table 3
Air Emission Analytical Results (in µg/L)
Quarterly Groundwater Monitoring and Remediation System Status Report – May 2018
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

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

Table 4
System Mass Removal and Destruction Efficiency
Quarterly Groundwater Monitoring and Remediation System Status Report – May 2018
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	0.04	0.0	---	2.5	NM	4.3	---
12/20/17	21.00	180	**2.5**[i]	**16.6**	0.04	0.8	582.9	0.04	0.3	---	5.0	NM	2.0	---
01/17/18	27.90	184	**1.66**	**51.0**	0.03	0.8	583.7	0.03	0.8	---	5.0	NM	2.0	---
02/05/18	19.00	173	**2.5**[i]	**NM**	0.04	0.7	581.2	0.04	0.0	---	2.5	NM	NM	---
03/14/18	33.88	160	**2.5**[i]	**NM**	0.04	1.2	583.3	0.04	0.0	---	6.4	NM	NM	---
04/26/18	42.95	160	**2.5**[i]	**NM**	0.04	1.5	584.5	0.04	0.0	---	52.2	NM	NM	---
05/24/18	28.05	155	**12.0**	**NM**	0.17	4.7	588.4	0.17	0.0	---	15.8	NM	NM	---

Notes:

a	Days of SVE operation since last visit.
b	Collected from SVE-TOT location, post dilution.
c	Collected from AIR-INF location, post dilution.
d	Collected from AIR-EFF location, effluent carbon.
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
f	Calculated as: [GRPH Removal Rate (lbs/day) * Time Since Last Event (days)]
g	Calculated as: [Cumulative GRPH Removed (lbs) + GRPH Removed During Period (lbs)]
h	Calculated as: [(Mass flow rate In - Mass Flow rate Out)/(Mass flow rate in)] * 100
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.
<	Concentration is less than the laboratory's method detection limit.

SVE	Soil vapor extraction.
scfm	Standard cubic feet per minute.
GRPH	Gasoline-range petroleum hydrocarbons.
µg/L	Micrograms per liter.
lbs	Pounds.
%	Percent.
ppm	Parts per million.
PID	Photoionization detector.
NM	Not measured.

Figures

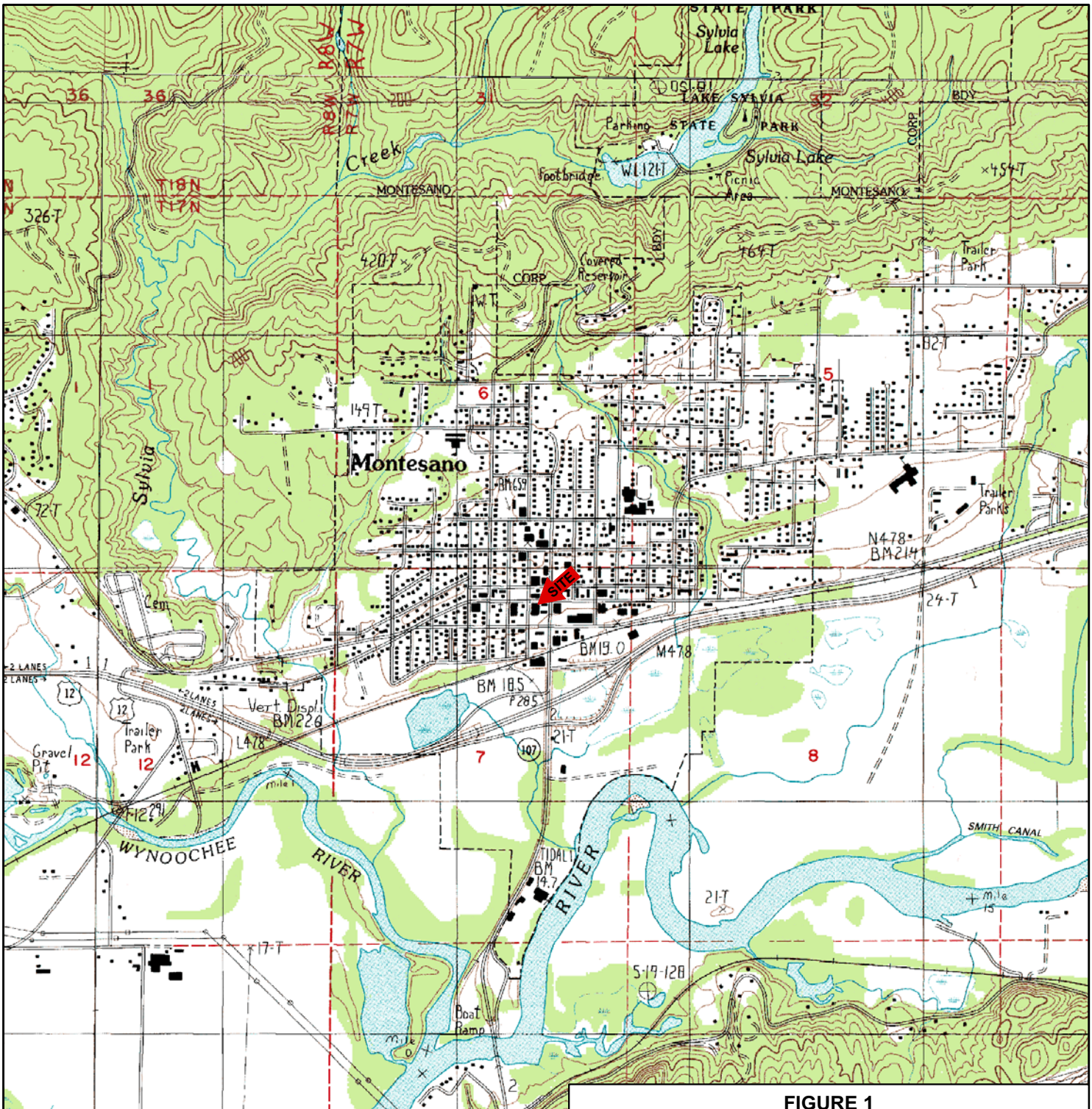


FIGURE 1

GENERAL VICINITY MAP

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - MAY 2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET		
DATE 8/6/18	***DRAWN BY*** VPB	***REVIEWED BY*** SPT	***PROJECT NUMBER*** 51201.17

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

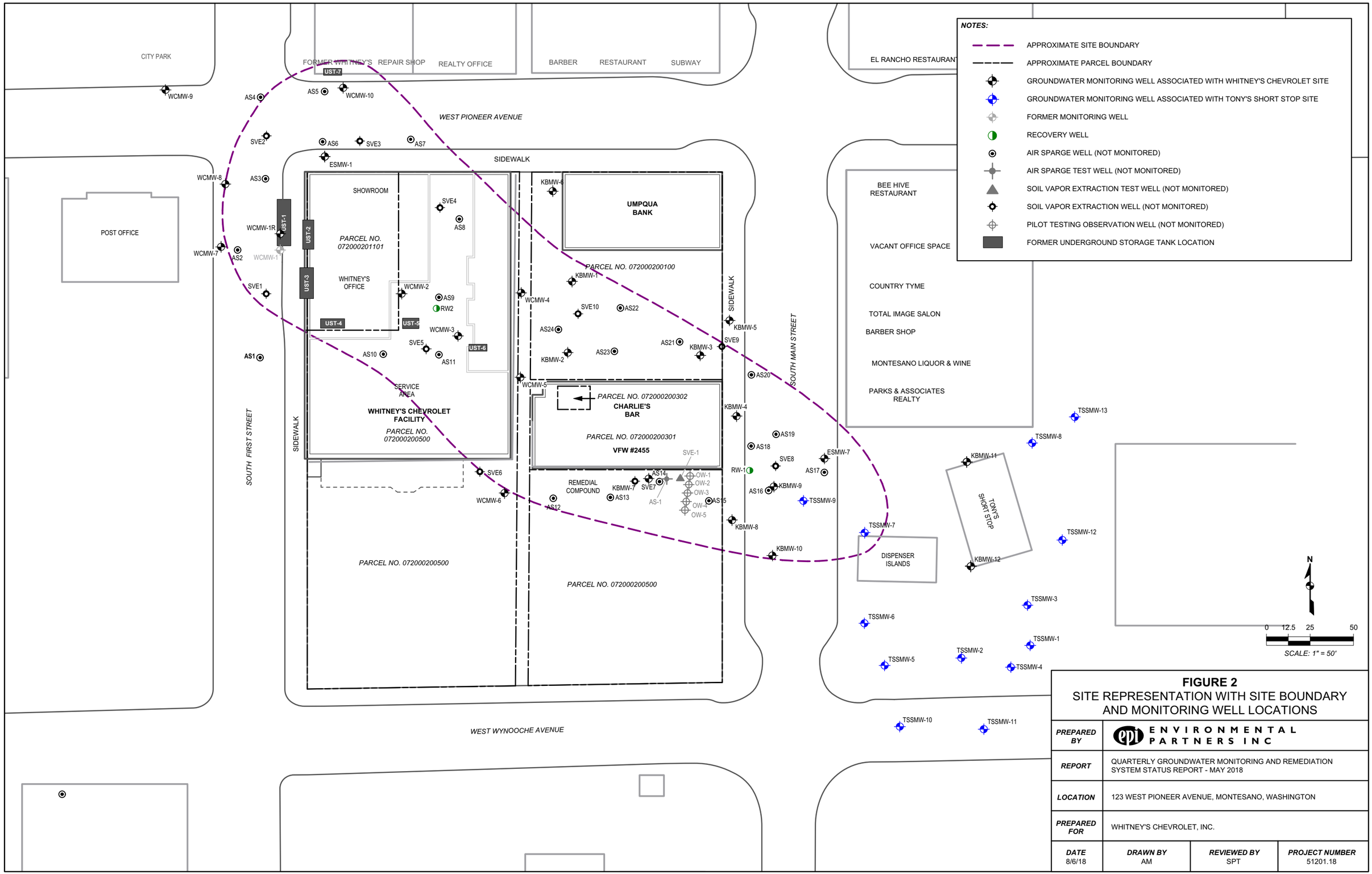


FIGURE 2
SITE REPRESENTATION WITH SITE BOUNDARY AND MONITORING WELL LOCATIONS

PREPARED BY	ENVIRONMENTAL PARTNERS INC
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - MAY 2018
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR	WHITNEY'S CHEVROLET, INC.

DATE	DRAWN BY	REVIEWED BY	PROJECT NUMBER
8/6/18	AM	SPT	51201.18

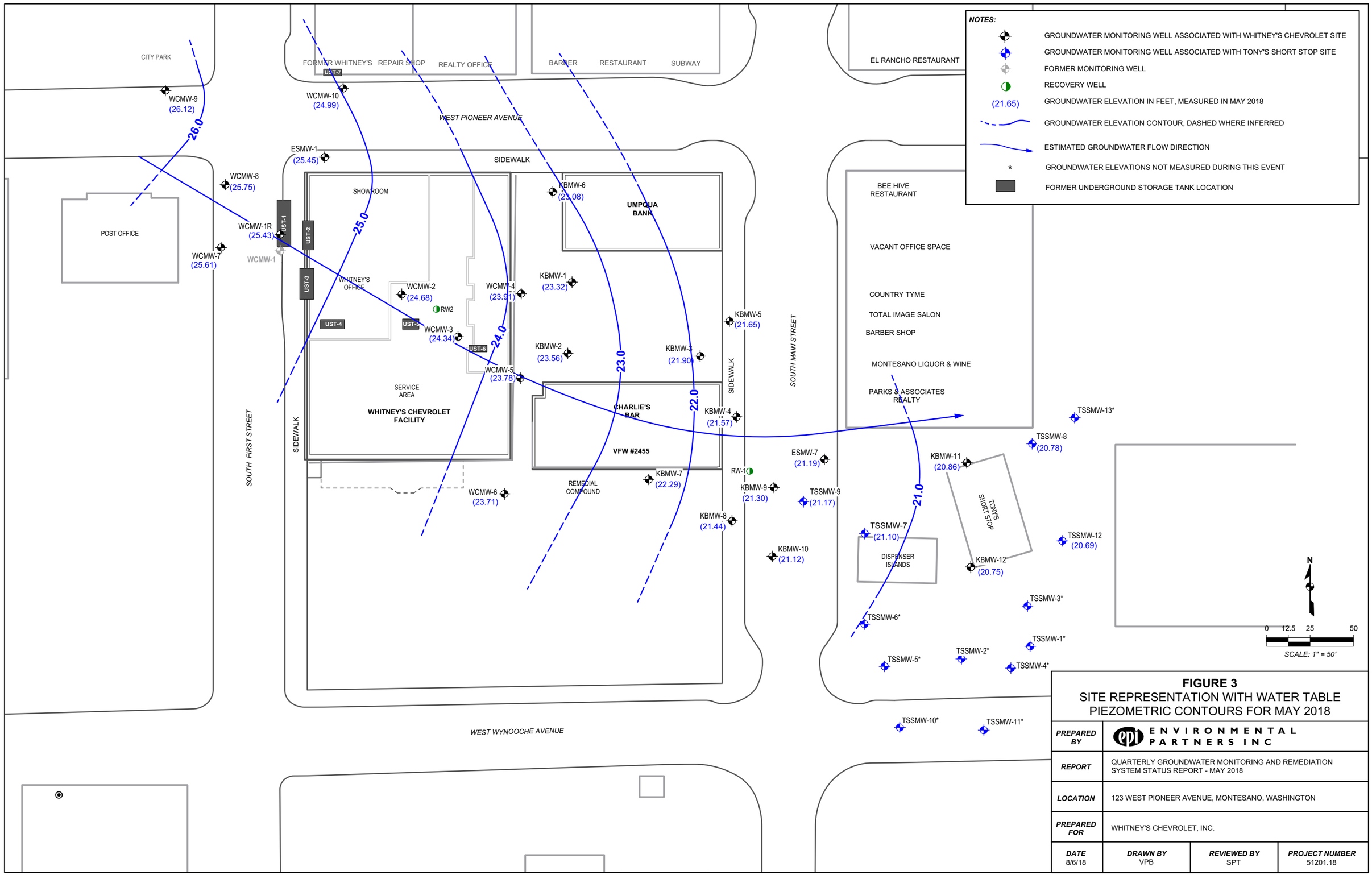
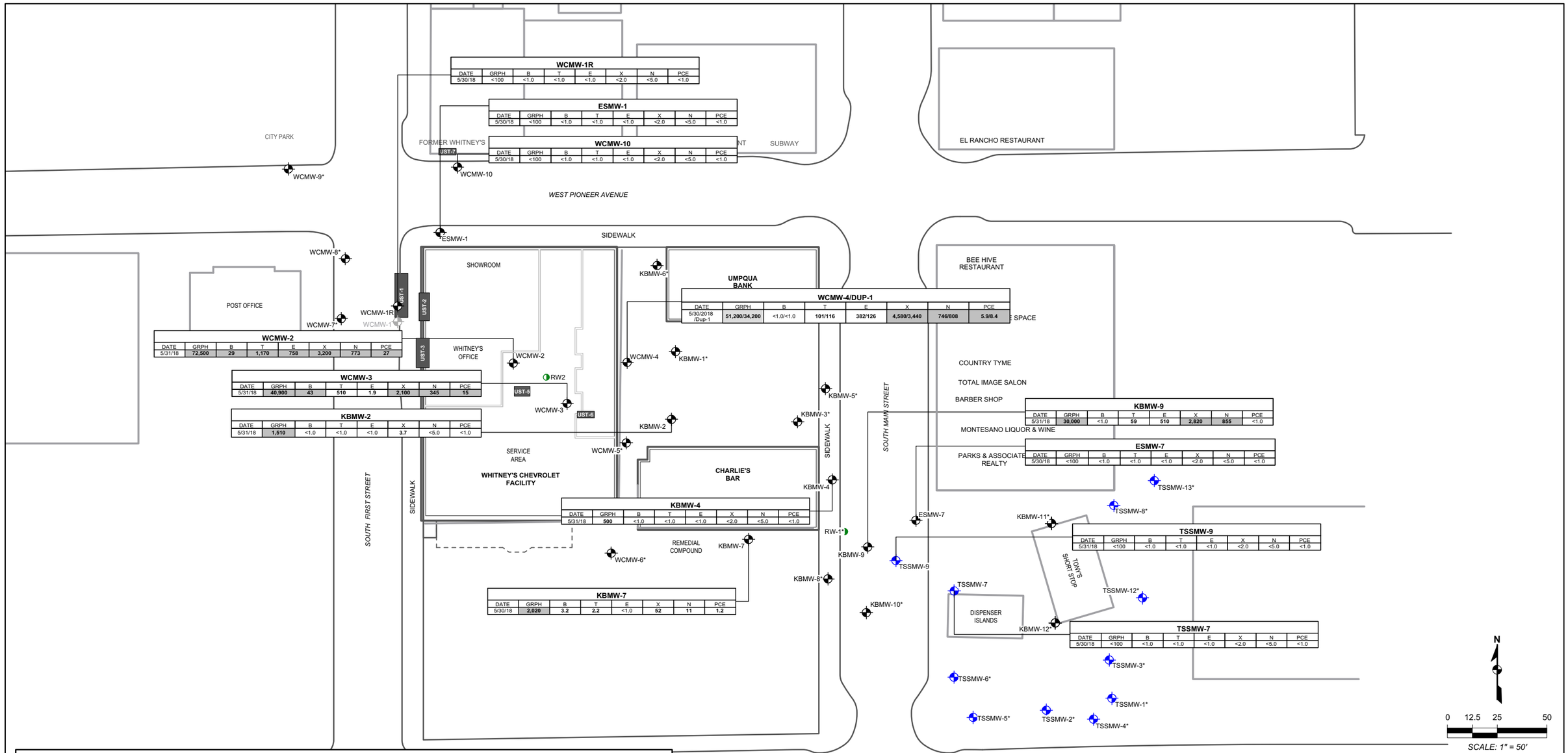


FIGURE 3
SITE REPRESENTATION WITH WATER TABLE PIEZOMETRIC CONTOURS FOR MAY 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - MAY 2018
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR	WHITNEY'S CHEVROLET, INC.

DATE	DRAWN BY	REVIEWED BY	PROJECT NUMBER
8/6/18	VPB	SPT	51201.18



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

KBMW-2

DATE	GRPH	B	T	E	X	N	PCE
5/31/18	**1,510**	<1.0	<1.0	<1.0	**3.7**	<5.0	<1.0

SAMPLE DATE AND ASSOCIATED DUPLICATE SAMPLE

SHADED REPRESENTS DETECTION ABOVE POTENTIALLY APPLICABLE GROUNDWATER CLEANUP LEVELS

BOLD REPRESENTS DETECTION ABOVE LABORATORY REPORTING LIMITS

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

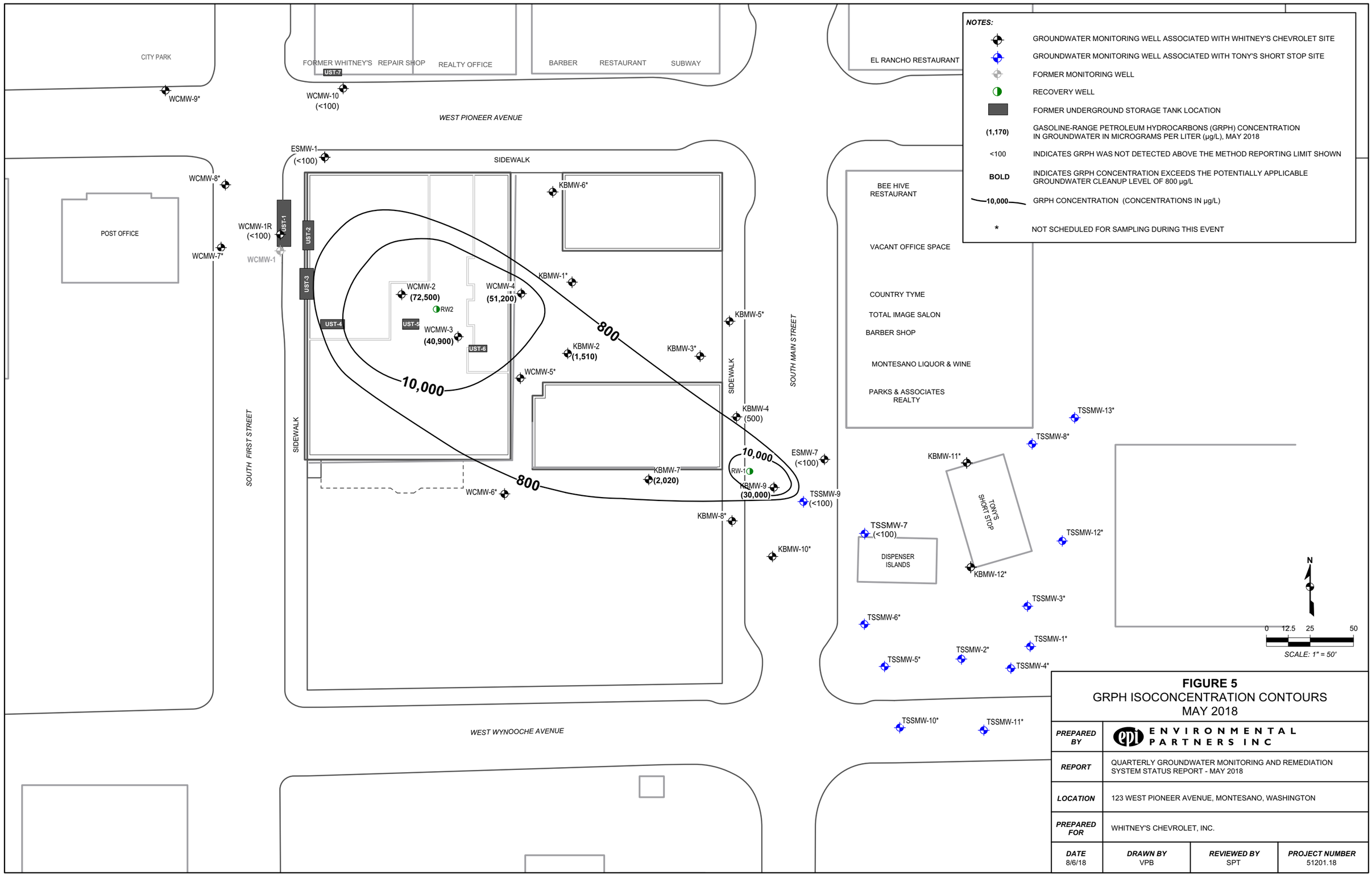
GRPH	GASOLINE-RANGE HYDROCARBONS
B	BENZENE
T	TOLUENE
E	ETHYLBENZENE
X	TOTAL XYLENES
N	NAPHTHALENE
PCE	TETRACHLOROETHENE
*	NOT SCHEDULED FOR SAMPLING DURING THIS EVENT

FIGURE 4

SITE REPRESENTATION WITH SUMMARY OF GROUNDWATER ANALYTICAL DATA

PREPARED BY	ENVIRONMENTAL PARTNERS INC
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - MAY 2018
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR	WHITNEY'S CHEVROLET, INC.

DATE	***DRAWN BY***	***REVIEWED BY***	***PROJECT NUMBER***
8/6/18	AM/CLM	SPT	51201.18

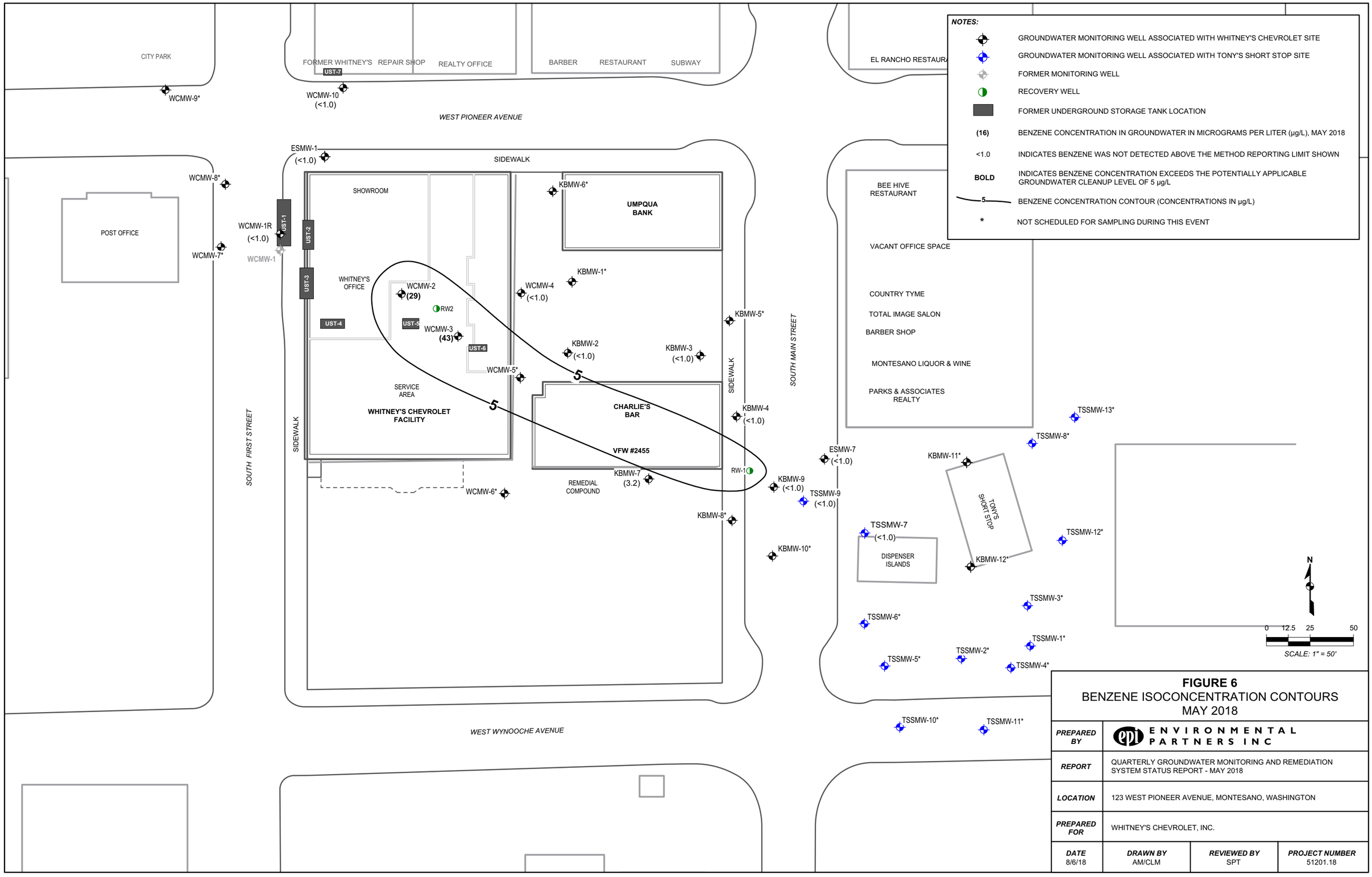


NOTES:

- 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
- **(1,170)** GASOLINE-RANGE PETROLEUM HYDROCARBONS (GRPH) CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L), MAY 2018
- **<100** INDICATES GRPH WAS NOT DETECTED ABOVE THE METHOD REPORTING LIMIT SHOWN
- **BOLD** INDICATES GRPH CONCENTRATION EXCEEDS THE POTENTIALLY APPLICABLE GROUNDWATER CLEANUP LEVEL OF 800 µg/L
- **10,000** GRPH CONCENTRATION (CONCENTRATIONS IN µg/L)
- * NOT SCHEDULED FOR SAMPLING DURING THIS EVENT

FIGURE 5
GRPH ISOCONCENTRATION CONTOURS
MAY 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - MAY 2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 8/6/18	***DRAWN BY*** VPB	***REVIEWED BY*** SPT	***PROJECT NUMBER*** 51201.18


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), MAY 2018
<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
CITY PARK
FORMER WHITNEY'S REPAIR SHOP
REALTY OFFICE
BARBER
RESTAURANT
SUBWAY
EL RANCHO RESTAURA
WCMW-9*
WCMW-10 (<1.0)
UST-7
WEST PIONEER AVENUE
ESMW-1 (<1.0)
SIDEWALK
WCMW-8*
POST OFFICE
WCMW-1R (<1.0)
WCMW-7*
WCMW-1
UST-1
UST-2
UST-3
SHOWROOM
KBMW-6*
UMPQUA BANK
WHITNEY'S OFFICE
WCMW-2 (29)
RW2
WCMW-4 (<1.0)
KBMW-1*
UST-4
UST-5
WCMW-3 (43)
UST-6
KBMW-5*
KBMW-2 (<1.0)
KBMW-3 (<1.0)
WCMW-5*
SERVICE AREA
WHITNEY'S CHEVROLET FACILITY
CHARLIE'S BAR
KBMW-4 (<1.0)
VFW #2455
SOUTH FIRST STREET
SIDEWALK
SIDEWALK
SOUTH MAIN STREET
REMEDIAL COMPOUND
KBMW-7 (3.2)
WCMW-6*
RW-1
KBMW-9 (<1.0)
TSSMW-9 (<1.0)
KBMW-8*
KBMW-10*
BEE HIVE RESTAURANT
VACANT OFFICE SPACE
COUNTRY TYME
TOTAL IMAGE SALON
BARBER SHOP
MONTESANO LIQUOR & WINE
PARKS & ASSOCIATES REALTY
TSSMW-13*
TSSMW-8*
ESMW-7 (<1.0)
KBMW-11*
TONY'S SHORT STOP
TSSMW-7 (<1.0)
DISPENSER ISLANDS
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
MAY 2018
PREPARED BY
ENVIRONMENTAL PARTNERS INC
REPORT
QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - MAY 2018
LOCATION
123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR
WHITNEY'S CHEVROLET, INC.
DATE
8/6/18
DRAWN BY
AM/CLM
REVIEWED BY
SPT
PROJECT NUMBER
51201.18

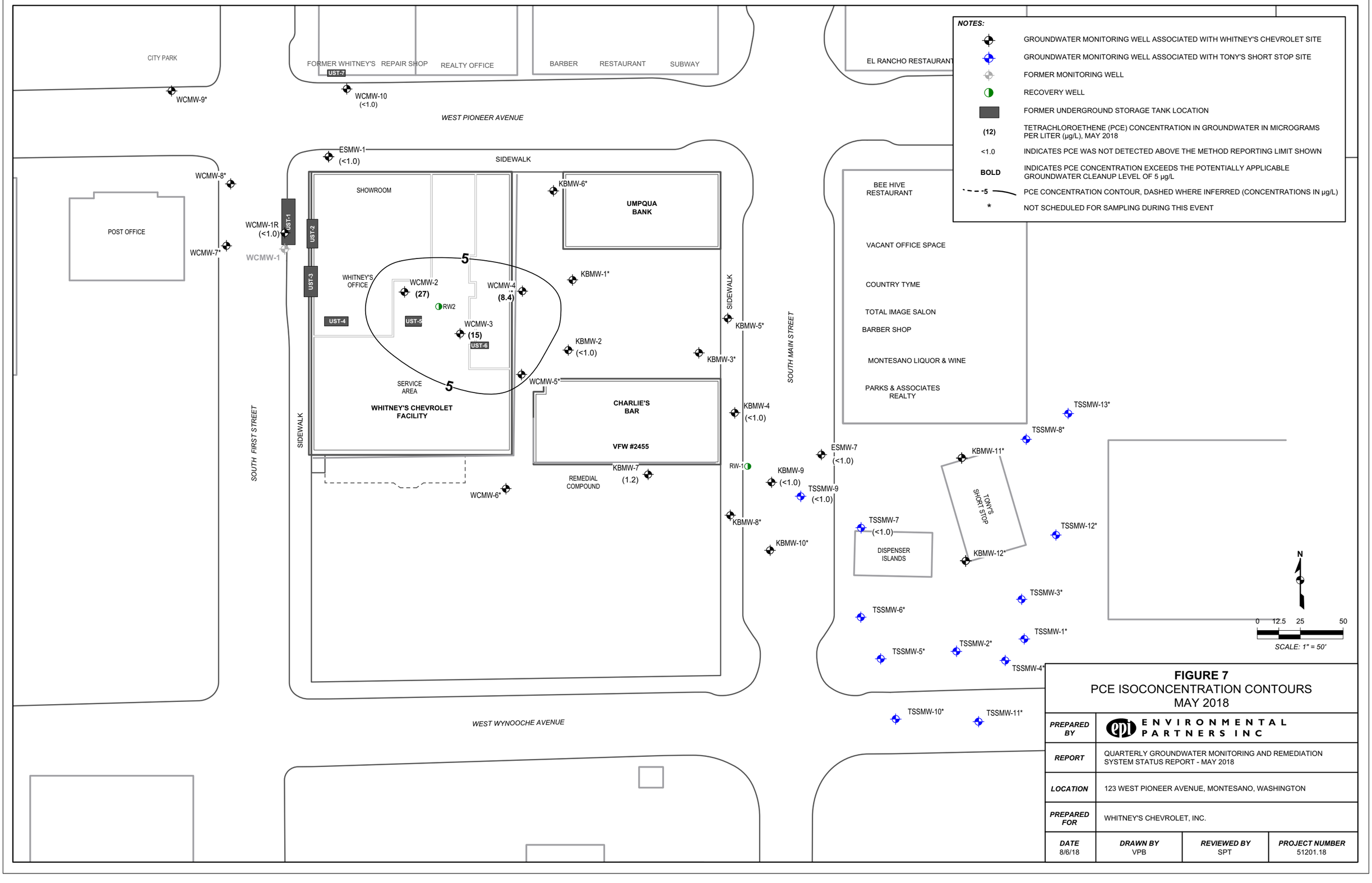


FIGURE 7
PCE ISOCONCENTRATION CONTOURS
MAY 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - MAY 2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 8/6/18	**DRAWN BY** VPB	**REVIEWED BY** SPT	**PROJECT NUMBER** 51201.18

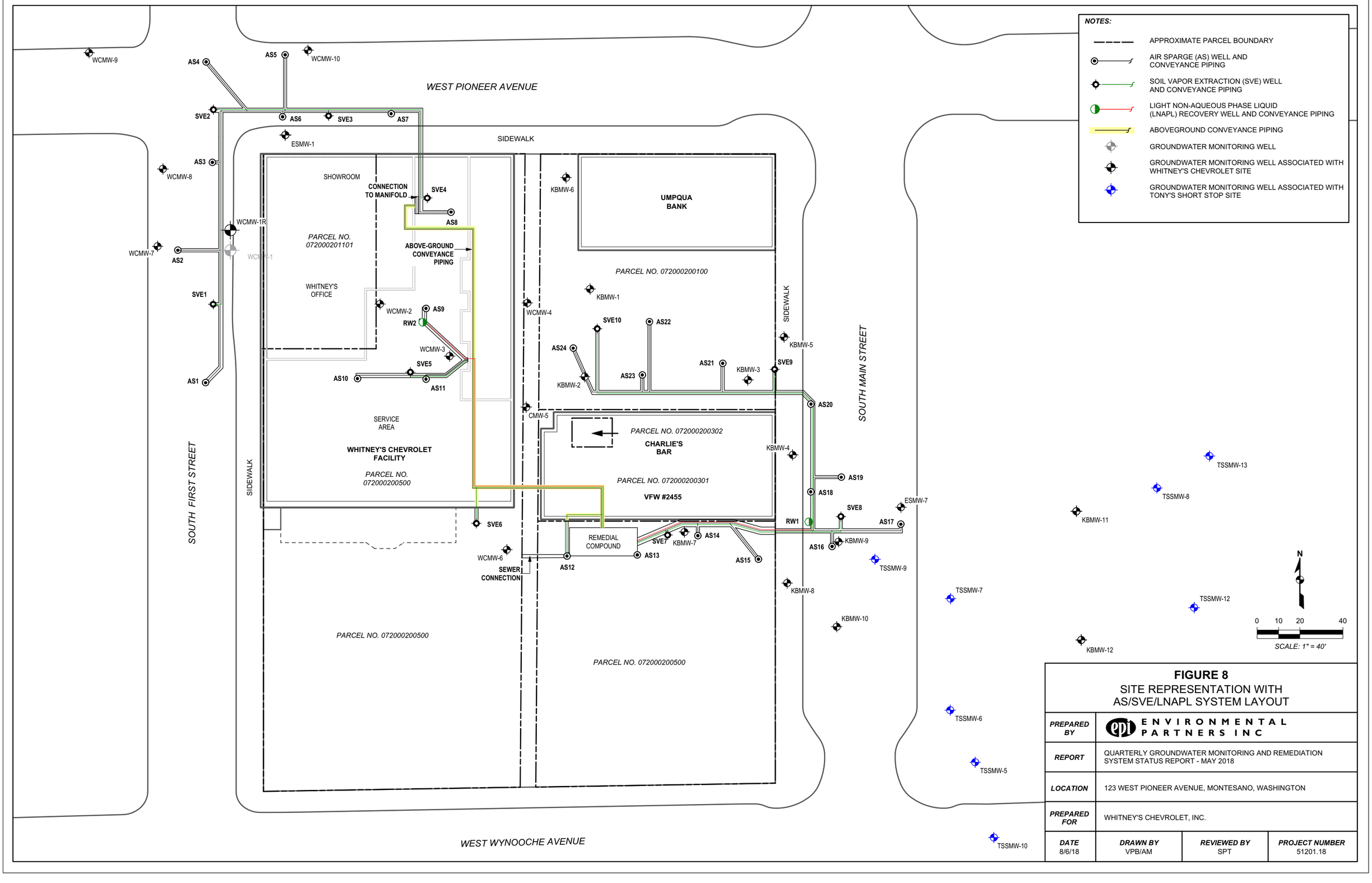


FIGURE 8
SITE REPRESENTATION WITH AS/SVE/LNAPL SYSTEM LAYOUT

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	QUARTERLY GROUNDWATER MONITORING AND REMEDIATION SYSTEM STATUS REPORT - MAY 2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 8/6/18	**DRAWN BY** VPB/AM	**REVIEWED BY** SPT	**PROJECT NUMBER** 51201.18

Attachment A
Laboratory Analytical Data Reports for Groundwater

Libby Environmental, Inc.

4139 Libby Road NE • Olympia, WA 98506-2518

June 7, 2018

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@aol.com

Libby Environmental, Inc.

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

Chain of Custody Record

www.LibbyEnvironmental.com

Client: EPI
Address: 1180 NW MAPLE ST. SUITE 310
City: MONTESANO State: WA Zip: 98027
Phone: (425) 395-0010 Fax:
Client Project # 5120j

Date: 5-31-18 Page: 1 of 1
Project Manager: SEAN TRIMBLE
Project Name: WHITNEY'S Chevrolet
Location: City, State: MONTESANO, WA
Collector: NH/ME Date of Collection: 05/30
Email: SEANT@EPI-WA.COM

	Sample Number	Depth	Time	Sample Type	Container Type	VOC 8260 SELECT	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	Field Notes
✓	1 WCMW-4		900	WATER	3-40 ml	X	X	X										COLLECTED 05/30
✓	2 DUP-1		—	WATER		X	X	X										
✓	3 WCMW-10		0950	WATER		X	X	X										
✓	4 WCMW-1R		1022	WATER		X	X	X										
✓	5 KBMW-7		1100	WATER		X	X	X										
✓	6 ESMW-1		1206	WATER		X	X	X										
✓	7 ESMW-7		1242	WATER		X	X	X										
✓	8 TSSMW-7		1310	WATER		X	X	X										
✓	9 WCMW-3		1407	WATER		X	X	X										
✓	10 KBMW-4		1452	WATER		X	X	X										
✓	11 KBMW-9		813	WATER		X	X	X										CONNECTED 05/31
✓	12 TSSMW-9		0845	WATER		X	X	X										
✓	13 KBMW-2		948	WATER		X	X	X										
✓	14 WCMW-2		1023	WATER		X	X	X										
	15																	
	16																	
	17																	

Relinquished by:	Date / Time	Received by:	Date / Time
	05/31/18 1236		5/31/18 1236
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition? (Y) N
Temp. 11.1 °C
Seals Intact? (Y) N N/A
Total Number of Containers 42

Remarks:
STANDARD TAT
*VOCs – Do what's been done on project previously

TAT: 24HR 48HR (5-DAY)

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

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

Libby Environmental, Inc.

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

WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180531-1
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		Method Blank	Method Blank	WCMW-4	DUP-1	WCMW-10	WCMW-1R
Date Sampled	Reporting	N/A	N/A	5/30/18	5/30/18	5/30/18	5/30/18
Date Analyzed	Limits	6/1/18	6/4/18	6/4/18	6/4/18	6/1/18	6/1/18
	(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	2.0	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	1.6	1.2	nd	nd
Benzene	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	8.0	7.0	nd	nd
Toluene	1.0	nd	nd	101	116	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	5.9	8.4	nd	nd
Ethylbenzene	1.0	nd	nd	382	126	nd	nd
Total Xylenes	2.0	nd	nd	4580	3440	nd	nd
Naphthalenes	5.0	nd	nd	746	808	nd	nd
Surrogate Recovery							
Dibromofluoromethane		115	119	79	74	103	109
1,2-Dichloroethane-d4		117	94	132	104	134	121
Toluene-d8		97	97	111	89	117	94
4-Bromofluorobenzene		101	124	100	103	97	100

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

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke and Kodey Eley

Libby Environmental, Inc.

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

WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180531-1
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		KBMW-7	ESMW-1	ESMW-7	TSSMW-7	WCMW-3	KBMW-4
Date Sampled	Reporting	5/30/18	5/30/18	5/30/18	5/30/18	5/31/18	5/31/18
Date Analyzed	Limits	6/4/18	6/1/18	6/1/18	6/1/18	6/4/18	6/1/18
	(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	2.0	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	3.2	nd	nd	nd	43	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	2.4	nd
Toluene	1.0	2.2	nd	nd	nd	510	nd
Tetrachloroethene (PCE)	1.0	1.2	nd	nd	nd	15	nd
Ethylbenzene	1.0	nd	nd	nd	nd	1.9	nd
Total Xylenes	2.0	52	nd	nd	nd	2100	nd
Naphthalenes	5.0	11	nd	nd	nd	345	nd
Surrogate Recovery							
Dibromofluoromethane		67	108	107	106	101	107
1,2-Dichloroethane-d4		105	133	115	129	132	134
Toluene-d8		87	96	95	97	133	95
4-Bromofluorobenzene		102	98	98	120	101	101

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

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke and Kodey Eley

Libby Environmental, Inc.

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

WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180531-1
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		KBMW-4 Dup	KBMW-9	TSSMW-9	TSSMW-9 Dup	KBMW-2	KBMW-2 Dup
Date Sampled	Reporting	5/31/18	5/31/18	5/31/18	5/31/18	5/31/18	5/31/18
Date Analyzed	Limits	6/1/18	6/4/18	6/1/18	6/1/18	6/4/18	6/4/18
	(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	2.0	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	59	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	510	nd	nd	nd	nd
Total Xylenes	2.0	nd	2820	nd	nd	3.2	3.7
Naphthalenes	5.0	nd	855	nd	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		107	87	111	109	110	104
1,2-Dichloroethane-d4		132	126	131	134	132	126
Toluene-d8		95	116	97	96	89	82
4-Bromofluorobenzene		99	106	99	99	110	89

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

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke and Kodey Eley

Libby Environmental, Inc.

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180531-1
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		WCMW-2
Date Sampled	Reporting	5/31/18
Date Analyzed	Limits	6/4/18
	(µg/L)	(µg/L)
Vinyl chloride	0.2	nd
1,1-Dichloroethene	2.0	nd
trans -1,2-Dichloroethene	1.0	nd
cis -1,2-Dichloroethene	1.0	nd
Benzene	1.0	29
Trichloroethene (TCE)	1.0	1.0
Toluene	1.0	1170
Tetrachloroethene (PCE)	1.0	27
Ethylbenzene	1.0	758
Total Xylenes	2.0	3200
Naphthalenes	5.0	773
Surrogate Recovery		
Dibromofluoromethane		101
1,2-Dichloroethane-d4		124
Toluene-d8		129
4-Bromofluorobenzene		98

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

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE 65% TO 135%

ANALYSES PERFORMED BY: Paul Burke and Kodey Eley

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180531-1
Client Project # 51201

QA/QC Data - EPA 8260C Analyses

Sample Identification: TSSMW-9							
	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	6.9	69	10	6.9	69	0.0
Benzene	10	10.6	106	10	10.2	102	3.8
Toluene	10	11.8	118	10	11.2	112	5.2
Chlorobenzene	10	11.0	110	10	11.7	117	6.2
Trichloroethene (TCE)	10	10.6	106	10	10.2	102	3.8

Surrogate Recovery		
Dibromofluoromethane	106	108
1,2-Dichloroethane-d4	126	129
Toluene-d8	96	94
4-Bromofluorobenzene	116	104

Laboratory Control Sample			
	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)
1,1-Dichloroethene	10	6.9	69
Benzene	10	10.7	107
Toluene	10	11.6	116
Chlorobenzene	10	12.2	122
Trichloroethene (TCE)	10	10.5	105

Surrogate Recovery	
Dibromofluoromethane	117
1,2-Dichloroethane-d4	124
Toluene-d8	97
4-Bromofluorobenzene	102

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

ANALYSES PERFORMED BY: Paul Burke and Kodey Eley

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180531-1
Client Project # 51201

QA/QC Data - EPA 8260C Analyses

Sample Identification: KBMW-2			
Matrix Spike			
	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)
1,1-Dichloroethene	10	6.7	67
Benzene	10	10.5	105
Toluene	10	13.2	132
Chlorobenzene	10	8.6	86
Trichloroethene (TCE)	10	11.6	116

Surrogate Recovery	
Dibromofluoromethane	129
1,2-Dichloroethane-d4	133
Toluene-d8	133
4-Bromofluorobenzene	103

Laboratory Control Sample			
	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)
1,1-Dichloroethene	10	6.7	67
Benzene	10	9.8	98
Toluene	10	12.4	124
Chlorobenzene	10	9.9	99
Trichloroethene (TCE)	10	9.9	99

Surrogate Recovery	
Dibromofluoromethane	121
1,2-Dichloroethane-d4	116
Toluene-d8	126
4-Bromofluorobenzene	101

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

ANALYSES PERFORMED BY: Paul Burke and Kodey Eley

Libby Environmental, Inc.

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180531-1
Client Project # 51201

Analyses of Gasoline (NWTPH-Gx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (µg/L)
Method Blank	6/1/18	97	nd
Method Blank	6/4/18	97	nd
WCMW-4	6/4/18	129	51200
DUP-1	6/4/18	89	34200
WCMW-10	6/4/18	117	nd
WCMW-1R	6/1/18	94	nd
KBMW-7	6/4/18	87	2020
ESMW-1	6/1/18	133	nd
ESMW-7	6/1/18	115	nd
TSSMW-7	6/1/18	129	nd
WCMW-3	6/4/18	133	40900
KBMW-4	6/1/18	95	500
KBMW-4 Dup	6/1/18	95	420
KBMW-9	6/4/18	126	30000
TSSMW-9	6/1/18	97	nd
TSSMW-9 Dup	6/1/18	96	nd
KBMW-2	6/4/18	89	1510
KBMW-2 Dup	6/4/18	105	1130
WCMW-2	6/4/18	129	72500
Practical Quantitation Limit			100

"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: Paul Burke and Kodey Eley

Libby Environmental, Inc.

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

WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Libby Project # L180531-1
Date Received 2/8/2018
Time Received 2:46 PM

Received By MH

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)	4.0 °C					
8. Temperature of sample(s) (0°C to 8°C recommended)	11.1 °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. _____

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: 1803166

March 21, 2018

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 3/14/2018 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: *03/21/2018*

CLIENT: Environmental Partners, Inc.
Project: Whitney's
Work Order: 1803166

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1803166-001	INF-0314	03/14/2018 12:15 PM	03/14/2018 2:00 PM

Case Narrative

WO#: **1803166**
Date: **3/21/2018**

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: Gasoline conversion used a molecular weight of 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:** 3/14/2018 12:15:00 PM
Project: Whitney's
Lab ID: 1803166-001 **Matrix:** Air
Client Sample ID: INF-0314

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 20072		Analyst: NG
Dichlorodifluoromethane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Chloromethane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Vinyl chloride	ND	0.0200		µg/L	1	3/16/2018 12:44:41 PM
Bromomethane	ND	0.100	Q	µg/L	1	3/16/2018 12:44:41 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Chloroethane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Methylene chloride	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Methyl tert-butyl ether (MTBE)	ND	0.100	Q	µg/L	1	3/16/2018 12:44:41 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
2,2-Dichloropropane	ND	0.200	Q	µg/L	1	3/16/2018 12:44:41 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Chloroform	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Carbon tetrachloride	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Benzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Trichloroethene (TCE)	ND	0.0500		µg/L	1	3/16/2018 12:44:41 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Bromodichloromethane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Dibromomethane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Toluene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,3-Dichloropropane	ND	0.100	Q	µg/L	1	3/16/2018 12:44:41 PM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Dibromochloromethane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	3/16/2018 12:44:41 PM
Chlorobenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Ethylbenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
m,p-Xylene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
o-Xylene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Styrene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Isopropylbenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Bromoform	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM

Analytical Report

Work Order: **1803166**
Date Reported: **3/21/2018**

Client: Environmental Partners, Inc. **Collection Date:** 3/14/2018 12:15:00 PM
Project: Whitney's
Lab ID: 1803166-001 **Matrix:** Air
Client Sample ID: **INF-0314**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 20072		Analyst: NG
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
n-Propylbenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Bromobenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
2-Chlorotoluene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
4-Chlorotoluene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
tert-Butylbenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	3/16/2018 12:44:41 PM
sec-Butylbenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
n-Butylbenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	3/16/2018 12:44:41 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	3/16/2018 12:44:41 PM
Naphthalene	ND	0.100	Q	µg/L	1	3/16/2018 12:44:41 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	3/16/2018 12:44:41 PM
Surr: Dibromofluoromethane	98.0	56.4 - 141		%Rec	1	3/16/2018 12:44:41 PM
Surr: Toluene-d8	94.0	66 - 138		%Rec	1	3/16/2018 12:44:41 PM
Surr: 1-Bromo-4-fluorobenzene-BFB	103	64.7 - 128		%Rec	1	3/16/2018 12:44:41 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Gasoline by NWTPH-Gx				Batch ID: 20072		Analyst: NG
Gasoline	ND	5.00		µg/L	1	3/16/2018 12:44:41 PM
Gasoline	ND	1.22		ppmv	1	3/16/2018 12:44:41 PM
Surr: 4-Bromofluorobenzene	104	65 - 135		%Rec	1	3/16/2018 12:44:41 PM
Surr: Toluene-d8	99.6	65 - 135		%Rec	1	3/16/2018 12:44:41 PM

Work Order: 1803166
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **LCS-20072**	SampType: **LCS**			Units: **µg/L**		Prep Date: **3/15/2018**		RunNo: **42321**	
Client ID: **LCSW**	Batch ID: **20072**					Analysis Date: **3/16/2018**		SeqNo: **816166**	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	51.2	5.00	50.00	0	102	65	135				
Surr: 4-Bromofluorobenzene	2.60		2.500		104	65	135				
Surr: Toluene-d8	2.51		2.500		101	65	135				

Sample ID **MB-20072**	SampType: **MBLK**			Units: **µg/L**		Prep Date: **3/15/2018**		RunNo: **42321**	
Client ID: **MBLKW**	Batch ID: **20072**					Analysis Date: **3/16/2018**		SeqNo: **816167**	
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: 4-Bromofluorobenzene	2.44		2.500		97.6	65	135				
Surr: Toluene-d8	2.45		2.500		98.1	65	135				

Sample ID **1803168-002AREP**	SampType: **REP**			Units: **µg/L**		Prep Date: **3/15/2018**		RunNo: **42321**	
Client ID: **BATCH**	Batch ID: **20072**					Analysis Date: **3/16/2018**		SeqNo: **816164**	
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	2.55		2.500		102	65	135		0		
Surr: Toluene-d8	2.43		2.500		97.3	65	135		0		

Work Order: 1803166
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-20072** SampType: **LCS** Units: **µg/L** Prep Date: **3/15/2018** RunNo: **42320**
Client ID: **LCSW** Batch ID: **20072** Analysis Date: **3/16/2018** SeqNo: **816156**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.74	0.100	2.000	0	87.0	38.8	143				
Chloromethane	1.96	0.100	2.000	0	97.8	42.5	131				
Vinyl chloride	1.81	0.0200	2.000	0	90.6	56.2	130				
Bromomethane	1.32	0.100	2.000	0	66.2	45.4	138				
Trichlorofluoromethane (CFC-11)	1.91	0.100	2.000	0	95.7	64.7	129				
Chloroethane	1.92	0.100	2.000	0	96.1	62.5	123				
1,1-Dichloroethene	1.98	0.100	2.000	0	98.9	60.7	146				
Methylene chloride	1.91	0.100	2.000	0	95.5	60.3	135				
trans-1,2-Dichloroethene	1.95	0.100	2.000	0	97.5	71.3	129				
Methyl tert-butyl ether (MTBE)	1.89	0.100	2.000	0	94.3	59.3	138				
1,1-Dichloroethane	1.90	0.100	2.000	0	94.9	71.3	129				
2,2-Dichloropropane	1.96	0.200	2.000	0	98.0	37.8	132				
cis-1,2-Dichloroethene	1.96	0.100	2.000	0	97.9	67.5	127				
Chloroform	1.95	0.100	2.000	0	97.3	70.3	123				
1,1,1-Trichloroethane (TCA)	1.98	0.100	2.000	0	99.2	67.9	134				
1,1-Dichloropropene	1.94	0.100	2.000	0	96.9	72.1	133				
Carbon tetrachloride	1.91	0.100	2.000	0	95.7	64.4	133				
1,2-Dichloroethane (EDC)	1.88	0.100	2.000	0	93.8	65.8	126				
Benzene	1.90	0.100	2.000	0	95.0	67.1	132				
Trichloroethene (TCE)	1.89	0.0500	2.000	0	94.3	71.9	130				
1,2-Dichloropropane	1.88	0.100	2.000	0	94.1	71.9	131				
Bromodichloromethane	1.99	0.100	2.000	0	99.5	70	130				
Dibromomethane	1.92	0.100	2.000	0	96.2	74.2	125				
cis-1,3-Dichloropropene	1.88	0.100	2.000	0	94.1	62.8	135				
Toluene	1.90	0.100	2.000	0	95.2	73.6	127				
trans-1,3-Dichloropropylene	1.88	0.100	2.000	0	94.1	58.1	138				
1,1,2-Trichloroethane	1.87	0.100	2.000	0	93.3	65.4	128				
1,3-Dichloropropane	1.71	0.100	2.000	0	85.5	71.9	131				
Tetrachloroethene (PCE)	1.99	0.100	2.000	0	99.6	52.4	140				
Dibromochloromethane	1.94	0.100	2.000	0	97.2	68.7	139				
1,2-Dibromoethane (EDB)	1.84	0.0250	2.000	0	91.8	71.2	129				

Work Order: 1803166
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-20072** SampType: **LCS** Units: **µg/L** Prep Date: **3/15/2018** RunNo: **42320**
Client ID: **LCSW** Batch ID: **20072** Analysis Date: **3/16/2018** SeqNo: **816156**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	2.01	0.100	2.000	0	101	77.2	122				
1,1,1,2-Tetrachloroethane	2.11	0.100	2.000	0	105	76.2	130				
Ethylbenzene	2.01	0.100	2.000	0	101	78	127				
m,p-Xylene	3.92	0.100	4.000	0	98.0	77.5	130				
o-Xylene	1.98	0.100	2.000	0	98.9	77.6	126				
Styrene	2.00	0.100	2.000	0	99.9	66.8	137				
Isopropylbenzene	2.06	0.100	2.000	0	103	75.9	133				
Bromoform	2.38	0.100	2.000	0	119	54.1	146				
1,1,2,2-Tetrachloroethane	2.17	0.100	2.000	0	108	68	134				
n-Propylbenzene	1.99	0.100	2.000	0	99.4	77.1	133				
Bromobenzene	2.12	0.100	2.000	0	106	71.1	131				
1,3,5-Trimethylbenzene	2.16	0.100	2.000	0	108	76.2	133				
2-Chlorotoluene	2.16	0.100	2.000	0	108	67.1	137				
4-Chlorotoluene	1.97	0.100	2.000	0	98.6	70.7	132				
tert-Butylbenzene	2.17	0.100	2.000	0	109	71.3	139				
1,2,3-Trichloropropane	2.02	0.100	2.000	0	101	70.8	132				
1,2,4-Trichlorobenzene	2.05	0.200	2.000	0	103	61.4	139				
sec-Butylbenzene	2.15	0.100	2.000	0	107	77.4	136				
4-Isopropyltoluene	2.19	0.100	2.000	0	109	78.1	131				
1,3-Dichlorobenzene	2.09	0.100	2.000	0	104	73.5	125				
1,4-Dichlorobenzene	2.04	0.100	2.000	0	102	71.4	125				
n-Butylbenzene	2.06	0.100	2.000	0	103	69.8	138				
1,2-Dichlorobenzene	2.07	0.100	2.000	0	104	74.2	123				
1,2-Dibromo-3-chloropropane	1.95	0.100	2.000	0	97.6	53.6	155				
1,2,4-Trimethylbenzene	2.21	0.100	2.000	0	110	72.3	133				
Hexachlorobutadiene	2.18	0.400	2.000	0	109	60.9	141				
Naphthalene	1.85	0.100	2.000	0	92.3	58.2	140				
1,2,3-Trichlorobenzene	1.92	0.400	2.000	0	95.9	61.3	133				
Surr: Dibromofluoromethane	2.65		2.500		106	56.4	141				
Surr: Toluene-d8	2.37		2.500		95.0	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.63		2.500		105	64.7	128				

Work Order: 1803166
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-20072**	SampType: **LCS**			Units: **µg/L**		Prep Date: **3/15/2018**		RunNo: **42320**			
Client ID: **LCSW**	Batch ID: **20072**					Analysis Date: **3/16/2018**		SeqNo: **816156**			
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

Sample ID **MB-20072**	SampType: **MBLK**			Units: **µg/L**		Prep Date: **3/15/2018**		RunNo: **42320**			
Client ID: **MBLKW**	Batch ID: **20072**					Analysis Date: **3/16/2018**		SeqNo: **816157**			
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									Q
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									Q
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									
Toluene	ND	0.100									

Work Order: 1803166
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-20072** SampType: **MBLK** Units: **µg/L** Prep Date: **3/15/2018** RunNo: **42320**
Client ID: **MBLKW** Batch ID: **20072** Analysis Date: **3/16/2018** SeqNo: **816157**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	ND	0.100									
1,1,2-Trichloroethane	ND	0.100									
1,3-Dichloropropane	ND	0.100									Q
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									
1,2,4-Trimethylbenzene	ND	0.100									

Work Order: 1803166
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-20072** SampType: **MBLK** Units: **µg/L** Prep Date: **3/15/2018** RunNo: **42320**
Client ID: **MBLKW** Batch ID: **20072** Analysis Date: **3/16/2018** SeqNo: **816157**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									Q
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.09		2.500		83.5	56.4	141				
Surr: Toluene-d8	2.35		2.500		94.2	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.42		2.500		96.9	64.7	128				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Sample ID **1803168-002AREP** SampType: **REP** Units: **µg/L** Prep Date: **3/15/2018** RunNo: **42320**
Client ID: **BATCH** Batch ID: **20072** Analysis Date: **3/16/2018** SeqNo: **816153**

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	Q
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	Q
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	

Work Order: 1803166
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1803168-002AREP** SampType: **REP** Units: **µg/L** Prep Date: **3/15/2018** RunNo: **42320**
Client ID: **BATCH** Batch ID: **20072** Analysis Date: **3/16/2018** SeqNo: **816153**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	Q
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	
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	

Work Order: 1803166
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1803168-002AREP** SampType: **REP** Units: **µg/L** Prep Date: **3/15/2018** RunNo: **42320**
Client ID: **BATCH** Batch ID: **20072** Analysis Date: **3/16/2018** SeqNo: **816153**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	Q
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.31		2.500		92.6	61.1	128		0		
Surr: Toluene-d8	2.38		2.500		95.4	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene-BFB	2.54		2.500		101	64.7	128		0		

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift or minimum RRF).

Sample Log-In Check List

Client Name:	**EPI**	Work Order Number:	**1803166**
Logged by:	**Clare Griggs**	Date Received:	**3/14/2018 2:00:00 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

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: 03/14/18 Page: 1 of: 1

Laboratory Project No (internal): 1803166

Project Name: WHITNEY'S

Special Remarks:

Project No: 51201

Client: EPI

Collected by: N. HINSPENGER

Address: 1180 NW MAPLE ST. SUITE 310

Location:

City, State, Zip: ISSAQUAH, WA. 98027

Report To (PM): SEAN TRIMBLE

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

Telephone: (425) 395-0010

PM Email: SEANT@EPI-WA.COM

Fax:

	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-0314	03/14/18	1215	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	03/14/18 1400	x	3/14/18 1400
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: 1804404

May 03, 2018

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 4/26/2018 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: *05/03/2018*

CLIENT: Environmental Partners, Inc.
Project: Whitney's
Work Order: 1804404

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1804404-001	INF-0426	04/26/2018 9:30 AM	04/26/2018 2:55 PM

Case Narrative

WO#: **1804404**
Date: **5/3/2018**

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 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:** 4/26/2018 9:30:00 AM
Project: Whitney's
Lab ID: 1804404-001 **Matrix:** Air
Client Sample ID: **INF-0426**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 20526		Analyst: MW
Dichlorodifluoromethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Chloromethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Vinyl chloride	ND	0.0200		µg/L	1	4/27/2018 12:29:06 PM
Bromomethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Chloroethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Methylene chloride	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	4/27/2018 12:29:06 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Chloroform	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Carbon tetrachloride	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Benzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Trichloroethene (TCE)	ND	0.0500		µg/L	1	4/27/2018 12:29:06 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Bromodichloromethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Dibromomethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Toluene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Dibromochloromethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	4/27/2018 12:29:06 PM
Chlorobenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Ethylbenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
m,p-Xylene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
o-Xylene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Styrene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Isopropylbenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Bromoform	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM

Analytical Report

Work Order: **1804404**
Date Reported: **5/3/2018**

Client: Environmental Partners, Inc.
Collection Date: 4/26/2018 9:30:00 AM
Project: Whitney's
Lab ID: 1804404-001
Matrix: Air
Client Sample ID: **INF-0426**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 20526		Analyst: MW
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
n-Propylbenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Bromobenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
2-Chlorotoluene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
4-Chlorotoluene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
tert-Butylbenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	4/27/2018 12:29:06 PM
sec-Butylbenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
n-Butylbenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	4/27/2018 12:29:06 PM
Naphthalene	ND	0.100		µg/L	1	4/27/2018 12:29:06 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	4/27/2018 12:29:06 PM
Surr: Dibromofluoromethane	106	56.4 - 141		%Rec	1	4/27/2018 12:29:06 PM
Surr: Toluene-d8	102	66 - 138		%Rec	1	4/27/2018 12:29:06 PM
Surr: 1-Bromo-4-fluorobenzene-BFB	103	64.7 - 128		%Rec	1	4/27/2018 12:29:06 PM
Gasoline by NWTPH-Gx				Batch ID: 20526		Analyst: MW
Gasoline	ND	5.00		µg/L	1	4/27/2018 12:29:06 PM
Gasoline	ND	1.22		ppmv	1	4/27/2018 12:29:06 PM
Surr: 4-Bromofluorobenzene	104	65 - 135		%Rec	1	4/27/2018 12:29:06 PM
Surr: Toluene-d8	98.8	65 - 135		%Rec	1	4/27/2018 12:29:06 PM

Work Order: 1804404
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **1804391-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43178**
Client ID: **BATCH** Batch ID: **20526** Analysis Date: **4/27/2018** SeqNo: **834593**

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	2.53		2.500		101	65	135		0		
Surr: Toluene-d8	2.46		2.500		98.2	65	135		0		

Sample ID **LCS-20526** SampType: **LCS** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43178**
Client ID: **LCSW** Batch ID: **20526** Analysis Date: **4/27/2018** SeqNo: **834603**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	53.3	5.00	50.00	0	107	65	135				
Surr: 4-Bromofluorobenzene	2.54		2.500		102	65	135				
Surr: Toluene-d8	2.52		2.500		101	65	135				

Sample ID **MB-20526** SampType: **MBLK** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43178**
Client ID: **MBLKW** Batch ID: **20526** Analysis Date: **4/28/2018** SeqNo: **834604**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: 4-Bromofluorobenzene	2.50		2.500		99.8	65	135				
Surr: Toluene-d8	2.48		2.500		99.3	65	135				

Work Order: 1804404
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1804391-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43177**
Client ID: **BATCH** Batch ID: **20526** Analysis Date: **4/27/2018** SeqNo: **834563**

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)	1.17	0.0500						1.059	9.79	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: 1804404
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1804391-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43177**
Client ID: **BATCH** Batch ID: **20526** Analysis Date: **4/27/2018** SeqNo: **834563**

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	2.69		2.500		108	61.1	128		0		
Surr: Toluene-d8	2.55		2.500		102	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene-BFB	2.51		2.500		100	64.7	128		0		

Work Order: 1804404
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1804391-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43177**
Client ID: **BATCH** Batch ID: **20526** Analysis Date: **4/27/2018** SeqNo: **834563**

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

Sample ID **LCS-20526** SampType: **LCS** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43177**
Client ID: **LCSW** Batch ID: **20526** Analysis Date: **4/27/2018** SeqNo: **834580**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	3.12	0.100	2.000	0	156	38.8	143				S
Chloromethane	2.08	0.100	2.000	0	104	42.5	131				
Vinyl chloride	2.37	0.0200	2.000	0	118	56.2	130				
Bromomethane	2.15	0.100	2.000	0	108	45.4	138				
Trichlorofluoromethane (CFC-11)	2.24	0.100	2.000	0	112	64.7	129				
Chloroethane	2.41	0.100	2.000	0	121	62.5	123				
1,1-Dichloroethene	2.18	0.100	2.000	0	109	60.7	146				
Methylene chloride	2.09	0.100	2.000	0	104	60.3	135				
trans-1,2-Dichloroethene	2.13	0.100	2.000	0	107	71.3	129				
Methyl tert-butyl ether (MTBE)	2.15	0.100	2.000	0	108	59.3	138				
1,1-Dichloroethane	2.25	0.100	2.000	0	112	71.3	129				
2,2-Dichloropropane	2.12	0.200	2.000	0	106	37.8	132				
cis-1,2-Dichloroethene	2.11	0.100	2.000	0	105	67.5	127				
Chloroform	2.11	0.100	2.000	0	106	70.3	123				
1,1,1-Trichloroethane (TCA)	2.10	0.100	2.000	0	105	67.9	134				
1,1-Dichloropropene	2.15	0.100	2.000	0	107	72.1	133				
Carbon tetrachloride	2.04	0.100	2.000	0	102	64.4	133				
1,2-Dichloroethane (EDC)	2.10	0.100	2.000	0	105	65.8	126				
Benzene	2.15	0.100	2.000	0	107	67.1	132				
Trichloroethene (TCE)	2.07	0.0500	2.000	0	103	71.9	130				
1,2-Dichloropropane	2.06	0.100	2.000	0	103	71.9	131				
Bromodichloromethane	1.96	0.100	2.000	0	98.2	70	130				
Dibromomethane	2.11	0.100	2.000	0	105	74.2	125				
cis-1,3-Dichloropropene	1.97	0.100	2.000	0	98.4	62.8	135				
Toluene	2.10	0.100	2.000	0	105	73.6	127				

Work Order: 1804404
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-20526** SampType: **LCS** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43177**
Client ID: **LCSW** Batch ID: **20526** Analysis Date: **4/27/2018** SeqNo: **834580**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
trans-1,3-Dichloropropylene	1.97	0.100	2.000	0	98.4	58.1	138				
1,1,2-Trichloroethane	2.09	0.100	2.000	0	105	65.4	128				
1,3-Dichloropropane	2.02	0.100	2.000	0	101	71.9	131				
Tetrachloroethene (PCE)	2.11	0.100	2.000	0	105	52.4	140				
Dibromochloromethane	1.96	0.100	2.000	0	98.2	68.7	139				
1,2-Dibromoethane (EDB)	2.07	0.0250	2.000	0	104	71.2	129				
Chlorobenzene	2.06	0.100	2.000	0	103	77.2	122				
1,1,1,2-Tetrachloroethane	2.05	0.100	2.000	0	102	76.2	130				
Ethylbenzene	2.08	0.100	2.000	0	104	78	127				
m,p-Xylene	4.17	0.100	4.000	0	104	77.5	130				
o-Xylene	2.09	0.100	2.000	0	104	77.6	126				
Styrene	2.04	0.100	2.000	0	102	66.8	137				
Isopropylbenzene	2.10	0.100	2.000	0	105	75.9	133				
Bromoform	1.65	0.100	2.000	0	82.5	54.1	146				
1,1,2,2-Tetrachloroethane	2.03	0.100	2.000	0	102	68	134				
n-Propylbenzene	2.08	0.100	2.000	0	104	77.1	133				
Bromobenzene	2.00	0.100	2.000	0	99.8	71.1	131				
1,3,5-Trimethylbenzene	2.05	0.100	2.000	0	103	76.2	133				
2-Chlorotoluene	2.17	0.100	2.000	0	109	67.1	137				
4-Chlorotoluene	2.15	0.100	2.000	0	107	70.7	132				
tert-Butylbenzene	1.99	0.100	2.000	0	99.6	71.3	139				
1,2,3-Trichloropropane	1.91	0.100	2.000	0	95.5	70.8	132				
1,2,4-Trichlorobenzene	2.16	0.200	2.000	0	108	61.4	139				
sec-Butylbenzene	2.05	0.100	2.000	0	102	77.4	136				
4-Isopropyltoluene	2.03	0.100	2.000	0	101	78.1	131				
1,3-Dichlorobenzene	2.03	0.100	2.000	0	101	73.5	125				
1,4-Dichlorobenzene	2.04	0.100	2.000	0	102	71.4	125				
n-Butylbenzene	2.14	0.100	2.000	0	107	69.8	138				
1,2-Dichlorobenzene	2.08	0.100	2.000	0	104	74.2	123				
1,2-Dibromo-3-chloropropane	1.99	0.100	2.000	0	99.6	53.6	155				
1,2,4-Trimethylbenzene	2.00	0.100	2.000	0	100	72.3	133				

Work Order: 1804404
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-20526** SampType: **LCS** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43177**
Client ID: **LCSW** Batch ID: **20526** Analysis Date: **4/27/2018** SeqNo: **834580**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Hexachlorobutadiene	2.19	0.400	2.000	0	109	60.9	141				
Naphthalene	2.16	0.100	2.000	0	108	58.2	140				
1,2,3-Trichlorobenzene	2.19	0.400	2.000	0	110	61.3	133				
Surr: Dibromofluoromethane	2.77		2.500		111	56.4	141				
Surr: Toluene-d8	2.54		2.500		102	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.58		2.500		103	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-20526** SampType: **MBLK** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43177**
Client ID: **MBLKW** Batch ID: **20526** Analysis Date: **4/28/2018** SeqNo: **834581**

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: 1804404
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-20526** SampType: **MBLK** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43177**
Client ID: **MBLKW** Batch ID: **20526** Analysis Date: **4/28/2018** SeqNo: **834581**

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: 1804404
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-20526** SampType: **MBLK** Units: **µg/L** Prep Date: **4/27/2018** RunNo: **43177**
Client ID: **MBLKW** Batch ID: **20526** Analysis Date: **4/28/2018** SeqNo: **834581**

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	2.66		2.500		106	56.4	141				
Surr: Toluene-d8	2.51		2.500		100	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.49		2.500		99.6	64.7	128				

Sample Log-In Check List

Client Name:	**EPI**	Work Order Number:	**1804404**
Logged by:	**Brianna Barnes**	Date Received:	**4/26/2018 2:55:00 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 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

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: 04/26/18 Page: 1 of: 1

Project Name: WHITNEY'S

Project No: 51201

Collected by: N. WINSPENGER

Location:

Report To (PM):

PM Email: SEANT@EPI-WA.COM

Laboratory Project No (internal): 1804404

Special Remarks:

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

Client: EPI

Address: 1180 NW MAPLE ST. SUITE 310

City, State, Zip: ISSAQUAH, WA 98027

Telephone: (425) 395-0010

Fax:

	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-0426	04/26/18	930	AQ	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	04/26/18 1455	x	4/26/18 1455
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: 1805341

June 01, 2018

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 5/24/2018 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: *06/01/2018*

CLIENT: Environmental Partners, Inc.
Project: Whitney's
Work Order: 1805341

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1805341-001	INF-0524	05/24/2018 11:00 AM	05/24/2018 1:51 PM

Case Narrative

WO#: **1805341**
Date: **6/1/2018**

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 was 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

Analytical Report

Work Order: **1805341**
Date Reported: **6/1/2018**

Client: Environmental Partners, Inc.
Collection Date: 5/24/2018 11:00:00 AM
Project: Whitney's
Lab ID: 1805341-001
Matrix: Air
Client Sample ID: **INF-0524**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 20785		Analyst: MW
Dichlorodifluoromethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Chloromethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Vinyl chloride	ND	0.0200		µg/L	1	5/24/2018 2:10:00 PM
Bromomethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Chloroethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Methylene chloride	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
2,2-Dichloropropane	ND	0.200	Q	µg/L	1	5/24/2018 2:10:00 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Chloroform	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Carbon tetrachloride	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Benzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Trichloroethene (TCE)	ND	0.0500		µg/L	1	5/24/2018 2:10:00 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Bromodichloromethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Dibromomethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Toluene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Dibromochloromethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	5/24/2018 2:10:00 PM
Chlorobenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Ethylbenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
m,p-Xylene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
o-Xylene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Styrene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Isopropylbenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Bromoform	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM

Analytical Report

Work Order: **1805341**
Date Reported: **6/1/2018**

Client: Environmental Partners, Inc.
Collection Date: 5/24/2018 11:00:00 AM
Project: Whitney's
Lab ID: 1805341-001
Matrix: Air
Client Sample ID: **INF-0524**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 20785		Analyst: MW
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
n-Propylbenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Bromobenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
2-Chlorotoluene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
4-Chlorotoluene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
tert-Butylbenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	5/24/2018 2:10:00 PM
sec-Butylbenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
n-Butylbenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	5/24/2018 2:10:00 PM
Naphthalene	ND	0.100		µg/L	1	5/24/2018 2:10:00 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	5/24/2018 2:10:00 PM
Surr: Dibromofluoromethane	105	56.4 - 141		%Rec	1	5/24/2018 2:10:00 PM
Surr: Toluene-d8	102	66 - 138		%Rec	1	5/24/2018 2:10:00 PM
Surr: 1-Bromo-4-fluorobenzene-BFB	97.7	64.7 - 128		%Rec	1	5/24/2018 2:10:00 PM

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Gasoline by NWTPH-Gx				Batch ID: 20785		Analyst: MW
Gasoline	12.0	5.00		µg/L	1	5/24/2018 2:10:00 PM
Gasoline	2.94	1.22		ppmv	1	5/24/2018 2:10:00 PM
Surr: 4-Bromofluorobenzene	100	65 - 135		%Rec	1	5/24/2018 2:10:00 PM
Surr: Toluene-d8	101	65 - 135		%Rec	1	5/24/2018 2:10:00 PM

Work Order: 1805341
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **1805317-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43719**
Client ID: **BATCH** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846176**

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	2.50		2.500		99.9	65	135		0		
Surr: Toluene-d8	2.51		2.500		100	65	135		0		

Sample ID **MB-20785** SampType: **MBLK** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43719**
Client ID: **MBLKW** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846185**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: 4-Bromofluorobenzene	2.51		2.500		100	65	135				
Surr: Toluene-d8	2.73		2.500		109	65	135				

Sample ID **LCS-20785** SampType: **LCS** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43719**
Client ID: **LCSW** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846184**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	50.0	5.00	50.00	0	100	65	135				
Surr: 4-Bromofluorobenzene	2.57		2.500		103	65	135				
Surr: Toluene-d8	2.54		2.500		102	65	135				

Work Order: 1805341
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1805317-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43718**
Client ID: **BATCH** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846150**

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	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: 1805341
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1805317-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43718**
Client ID: **BATCH** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846150**

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	2.61		2.500		104	61.1	128		0		
Surr: Toluene-d8	2.54		2.500		102	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene-BFB	2.44		2.500		97.5	64.7	128		0		

Work Order: 1805341
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1805317-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43718**
Client ID: **BATCH** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846150**

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 (<20%RSD, <20% Drift)

Sample ID **MB-20785** SampType: **MBLK** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43718**
Client ID: **MBLKW** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846157**

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									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: 1805341
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-20785** SampType: **MBLK** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43718**
Client ID: **MBLKW** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846157**

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									

Work Order: 1805341
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-20785** SampType: **MBLK** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43718**
Client ID: **MBLKW** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846157**

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	2.65		2.500		106	56.4	141				
Surr: Toluene-d8	2.56		2.500		103	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.45		2.500		98.0	64.7	128				

NOTES:
Q - Indicates an analyte with a continuing calibration that does not meet established acceptance criteria (<20%RSD, <20% Drift)

Sample ID **LCS-20785** SampType: **LCS** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43718**
Client ID: **LCSW** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846156**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	1.42	0.100	2.000	0	71.0	38.8	143				
Chloromethane	1.59	0.100	2.000	0	79.5	42.5	131				
Vinyl chloride	1.78	0.0200	2.000	0	89.0	56.2	130				
Bromomethane	6.29	0.100	2.000	0	314	45.4	138				S
Trichlorofluoromethane (CFC-11)	10.4	0.100	2.000	0	519	64.7	129				S
Chloroethane	8.59	0.100	2.000	0	430	62.5	123				S
1,1-Dichloroethene	1.82	0.100	2.000	0	90.8	60.7	146				
Methylene chloride	2.00	0.100	2.000	0	100	60.3	135				
trans-1,2-Dichloroethene	1.94	0.100	2.000	0	96.8	71.3	129				
Methyl tert-butyl ether (MTBE)	1.81	0.100	2.000	0	90.7	59.3	138				
1,1-Dichloroethane	1.93	0.100	2.000	0	96.4	71.3	129				
2,2-Dichloropropane	1.76	0.200	2.000	0	88.0	37.8	132				
cis-1,2-Dichloroethene	1.97	0.100	2.000	0	98.3	67.5	127				
Chloroform	2.02	0.100	2.000	0	101	70.3	123				
1,1,1-Trichloroethane (TCA)	1.98	0.100	2.000	0	98.9	67.9	134				
1,1-Dichloropropene	1.92	0.100	2.000	0	96.0	72.1	133				
Carbon tetrachloride	2.08	0.100	2.000	0	104	64.4	133				

Work Order: 1805341
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-20785** SampType: **LCS** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43718**
Client ID: **LCSW** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846156**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dichloroethane (EDC)	1.99	0.100	2.000	0	99.7	65.8	126				
Benzene	1.98	0.100	2.000	0	99.0	67.1	132				
Trichloroethene (TCE)	2.04	0.0500	2.000	0	102	71.9	130				
1,2-Dichloropropane	2.00	0.100	2.000	0	100	71.9	131				
Bromodichloromethane	2.24	0.100	2.000	0	112	70	130				
Dibromomethane	2.17	0.100	2.000	0	109	74.2	125				
cis-1,3-Dichloropropene	2.04	0.100	2.000	0	102	62.8	135				
Toluene	2.08	0.100	2.000	0	104	73.6	127				
trans-1,3-Dichloropropylene	2.05	0.100	2.000	0	103	58.1	138				
1,1,2-Trichloroethane	2.14	0.100	2.000	0	107	65.4	128				
1,3-Dichloropropane	2.12	0.100	2.000	0	106	71.9	131				
Tetrachloroethene (PCE)	2.01	0.100	2.000	0	100	52.4	140				
Dibromochloromethane	2.58	0.100	2.000	0	129	68.7	139				
1,2-Dibromoethane (EDB)	2.17	0.0250	2.000	0	109	71.2	129				
Chlorobenzene	2.01	0.100	2.000	0	101	77.2	122				
1,1,1,2-Tetrachloroethane	2.08	0.100	2.000	0	104	76.2	130				
Ethylbenzene	1.94	0.100	2.000	0	97.2	78	127				
m,p-Xylene	3.90	0.100	4.000	0	97.6	77.5	130				
o-Xylene	1.98	0.100	2.000	0	99.1	77.6	126				
Styrene	2.01	0.100	2.000	0	101	66.8	137				
Isopropylbenzene	2.01	0.100	2.000	0	100	75.9	133				
Bromoform	2.56	0.100	2.000	0	128	54.1	146				
1,1,2,2-Tetrachloroethane	2.00	0.100	2.000	0	100	68	134				
n-Propylbenzene	2.06	0.100	2.000	0	103	77.1	133				
Bromobenzene	2.03	0.100	2.000	0	101	71.1	131				
1,3,5-Trimethylbenzene	2.01	0.100	2.000	0	100	76.2	133				
2-Chlorotoluene	1.75	0.100	2.000	0	87.5	67.1	137				
4-Chlorotoluene	2.01	0.100	2.000	0	101	70.7	132				
tert-Butylbenzene	1.98	0.100	2.000	0	99.2	71.3	139				
1,2,3-Trichloropropane	1.53	0.100	2.000	0	76.4	70.8	132				
1,2,4-Trichlorobenzene	1.84	0.200	2.000	0	91.9	61.4	139				

Work Order: 1805341
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-20785** SampType: **LCS** Units: **µg/L** Prep Date: **5/24/2018** RunNo: **43718**
Client ID: **LCSW** Batch ID: **20785** Analysis Date: **5/24/2018** SeqNo: **846156**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	2.03	0.100	2.000	0	101	77.4	136				
4-Isopropyltoluene	2.01	0.100	2.000	0	100	78.1	131				
1,3-Dichlorobenzene	2.07	0.100	2.000	0	104	73.5	125				
1,4-Dichlorobenzene	2.07	0.100	2.000	0	103	71.4	125				
n-Butylbenzene	2.00	0.100	2.000	0	100	69.8	138				
1,2-Dichlorobenzene	2.05	0.100	2.000	0	103	74.2	123				
1,2-Dibromo-3-chloropropane	2.12	0.100	2.000	0	106	53.6	155				
1,2,4-Trimethylbenzene	2.00	0.100	2.000	0	99.9	72.3	133				
Hexachlorobutadiene	1.80	0.400	2.000	0	89.8	60.9	141				
Naphthalene	1.90	0.100	2.000	0	94.9	58.2	140				
1,2,3-Trichlorobenzene	1.83	0.400	2.000	0	91.6	61.3	133				
Surr: Dibromofluoromethane	2.76		2.500		110	56.4	141				
Surr: Toluene-d8	2.60		2.500		104	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.58		2.500		103	64.7	128				

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

Sample Log-In Check List

Client Name:	**EPI**	Work Order Number:	**1805341**
Logged by:	**Clare Griggs**	Date Received:	**5/24/2018 1:51:00 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 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: 05/24/18 Page: 1 of: 1

Laboratory Project No (internal): 1805341

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-0524	05/24/18	1100	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	05/24/18 1351	x	5/24/18 1351
Relinquished	Date/Time	Received	Date/Time
x		x	