ENVIRONMENTAL PARTNERS INC

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May 1, 2019

Whitney's Chevrolet, Inc.
c/o Mr. Clark Davis
Davis Law Office, PLLC
7191 Wagner Way NW, Suite 202
Gig Harbor, Washington 98335

Re: Annual Groundwater Monitoring and Remediation System Status Report for 2017–2018
Whitney's Chevrolet, Inc. Site
123 West Pioneer Avenue
Montesano, Washington
Agreed Order No. DE 11121

EPI Project Number: 51201.19

Dear Mr. Davis:

Environmental Partners, Inc. (EPI) is pleased to present this Annual Groundwater Monitoring and Remediation System Status Report for the Whitney's Chevrolet, Inc. Site in Montesano, Washington (the "Site"). This annual report presents a comprehensive discussion of the quarterly groundwater monitoring events performed at the Site between August 2017 and August 2018 and an evaluation of the data obtained during the annual sampling cycle. In addition, the report summarizes the operation and maintenance (O&M) activities performed for the recently installed air sparging/soil vapor extraction (AS/SVE) remediation system. 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.

All groundwater monitoring, sampling, and reporting have been 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).

This report presents a detailed discussion of the results of the August 2018 sampling event and an evaluation of annual trends and observations from August 2017 to August 2018.

During each event, groundwater levels are measured in 28 monitoring wells associated with the Site and groundwater samples are collected from selected wells for analysis of contaminants of concern (COCs). As established in the GCMP, the sampling frequency varies by well as shown below:

- Twelve (12) wells are scheduled for sampling on a quarterly basis (i.e., WCMW-1R, WCMW-2, WCMW-4, WCMW-10, KBMW-2, KBMW-4, KBMW-7, KBMW-9, ESMW-1, ESMW-7, TSSMW-7, and TSSMW-9);

- Seven (7) wells are scheduled for sampling on a semi-annual basis (i.e., WCMW-3, WCMW-5, WCMW-6, WCMW-8, KBMW-1, KBMW-3, and KBMW-8); and

- Seven (7) wells are scheduled for sampling on an annual basis (i.e., WCMW-7, WCMW-9, KBMW-5, KBMW-6, KBMW-10, KBMW-11, and KBMW-12).

The GCMP contained provisions for reducing the sampling frequency of individual wells based on the concentrations observed. In August 2018, EPI requested and received approval from Ecology for the following modifications to the sampling frequency:

- Monitoring wells ESMW-7 and TSSMW-7 were decreased from a quarterly basis to a semi-annual sampling frequency because those wells had not contained an exceedence of MTCA Method A cleanup levels for a full annual monitoring cycle;

- Monitoring wells WCMW-6 and WCMW-8 were decreased from a semi-annual basis to an annual sampling frequency because they had not contained an exceedence of a MTCA Method A cleanup level for a full annual monitoring cycle; and

- Monitoring wells WCMW-9, KBMW-6, and KBMW-11 were removed from the sampling program because they had not contained an exceedence of a MTCA Method A cleanup level for two or more annual cycles.

- Monitoring well KBMW-12 was removed from the sampling program because the impacts observed in this well are the result of the petroleum release from the Tony's Short Stop property and are clearly not associated with the Whitney's Chevrolet Site

The amended sampling frequency schedule is described below:

- Ten (10) wells are scheduled for sampling on a quarterly basis (i.e., WCMW-1R, WCMW-2, WCMW-4, WCMW-10, KBMW-2, KBMW-4, KBMW-7, KBMW-9, ESMW-1, and TSSMW-9);

- Seven (7) wells are scheduled for sampling on a semi-annual basis (i.e., WCMW-3, WCMW-5, KBMW-1, KBMW-3, KBMW-8, ESMW-7, and TSSMW-7); and

- Five (5) wells are scheduled for sampling on an annual basis (i.e., WCMW-6, WCMW-7, WCMW-8, KBMW-5, and KBMW-10).

In accordance with the revised GCMP, 22 monitoring wells were scheduled for sampling during the August 2018 event. The details of that event are described below.

GROUNDWATER MONITORING AND SAMPLING PROCEDURES – AUGUST 2018

The air sparging/soil vapor extraction (AS/SVE) remediation system at the Site was shut down on August 13, 2018 prior to the sampling event to allow for stabilization of the groundwater surface to more natural conditions and a more accurate evaluation of piezometric conditions. Groundwater levels were measured in 28 wells on August 14, 2018 and groundwater samples were collected from 22 wells on August 15 and 16, 2018. Groundwater samples plus two duplicate quality control sample were submitted to Libby Environmental Inc. of Olympia, Washington for chemical analysis, as described below.

Groundwater Measurements

Prior to groundwater sampling, a hydrocarbon interface probe was used to assess the potential presence of LNAPL in each of the wells and, if present, to measure the thickness of accumulated LNAPL. Groundwater samples were not collected from monitoring wells that contained measureable LNAPL or an observable sheen, both of which are indications of saturation concentrations and the affirmative presence of elevated concentrations of COCs.

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 and (where present) LNAPL thicknesses were measured in 24 wells on August 14, 2018 and in 4 wells (KBMW-2, KBMW-9, KBMW-10, and TSSMW-9) on August 16, 2018. Measurable LNAPL was not identified in any of the monitoring wells associated with the Site.

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

After collection of water level data, each well where LNAPL was not encountered 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. 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 tetrachloroethylene (PCE) using U.S. Environmental Protection Agency (EPA) Method 8260C.

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

GROUNDWATER SAMPLE ANALYTICAL RESULTS – AUGUST 2018

Analytical data for petroleum-related compounds and PCE are presented in Table 2 and summarized on Figure 4. Final laboratory analytical reports for the August 2018 sampling event are included as Attachment A.

For the purposes of this report, it is assumed that GRPH, benzene, and PCE in groundwater are the primary COCs for monitoring and serve as indicator hazardous substances for the dissolved-phase plume. Isoconcentration contours for GRPH, benzene, and PCE for the samples collected during August 2018 are depicted on Figures 5, 6, and 7, respectively, and the analytical results are summarized below.

LNAPL was not identified in any of the wells during the August 2018 sampling event. GRPH was identified in samples collected from 9 of the 22 monitoring wells sampled during this event. Reported concentrations of GRPH ranged from 126 micrograms/liter (µg/L) in the groundwater sample collected from monitoring well ESMW-7 to 45,200 µg/L in the sample collected from monitoring well WCMW-2. GRPH isoconcentration contours for the August 2018 sampling event are presented on Figure 5.

Benzene was identified in samples collected from 4 of the 22 monitoring wells sampled. Reported concentrations of benzene ranged from 1.7 µg/L in the sample collected from monitoring well KBMW-9 to 47 µg/L in the sample collected from monitoring well WCMW-5. Benzene isoconcentration contours for the August 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 and 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. The previously reported impacts at KBMW-12 and downgradient of the former remedial excavation on Tony's Short Stop can only be attributable to the former release on that property.

PCE was identified in samples collected from 4 of the 22 monitoring wells sampled. Reported concentrations of PCE ranged from 1.1 µg/L in the groundwater sample collected from monitoring well KBMW-2 to 18.0 µg/L in the sample collected from monitoring well WCMW-2. PCE isoconcentration contours for the August 2018 sampling event are presented on Figure 7.

GROUNDWATER AND CONTAMINANT TRENDS – AUGUST 2017 THROUGH AUGUST 2018

Groundwater monitoring data for August 2017 through August 2018 were evaluated for temporal fluctuations and trends in groundwater elevation, LNAPL thickness, and contaminant concentrations throughout the Site.

Piezometric Conditions

Groundwater elevations were generally lowest during the summer and fall months (i.e., August and November) and generally highest during the winter and spring months (i.e., February and May), with water levels fluctuating by approximately 0.5 to 3 feet between quarterly monitoring events. The cumulative groundwater elevation data are included in Table 1. Quarterly groundwater elevation contours and flow directions for August 2017 through May 2018 are presented on Figure 8. Figure 8 also illustrates that the groundwater flow direction throughout the year is consistently toward the southeast at an average gradient of approximately 0.01 foot/foot across the Site.

Trends Analysis

LNAPL Distribution

Historically, LNAPL has primarily been observed in three monitoring wells at the Site: monitoring well WCMW-2 located beneath the Whitney's Chevrolet facility; monitoring well KBMW-2 located within the Umpqua Bank parking lot near the northwest corner of Charlie's Bar; and monitoring well KBMW-9 located in South Main Street, southeast of the Charlie's Bar/VFW building. During the monitoring period, LNAPL was observed only in monitoring well WCMW-2 during the August 2017 monitoring event at a thickness of 0.05 feet.

Historically, LNAPL was observed to be thicker during the summer when groundwater elevations were lower and was generally reduced to "sheen" at all three of the wells during the winter when groundwater elevations were higher. The thickness of LNAPL also appears to be related to the duration of low water levels, with the thickest accumulations being at times when water levels have been low for an extended period of time. LNAPL thickness is likely related to the duration of this period of "drainage" from those soils within the smear zone that contain petroleum at concentrations greater than the residual saturation.

Since monitoring began at the Site in 2008, measureable LNAPL thicknesses have ranged from 0.01 foot to 0.69 foot, with the thickest accumulations generally observed at KBMW-9. Neither LNAPL nor sheen have been observed in either KBMW-2 or KBMW-9 from November 2016 through August 2018. This finding strongly suggests that the presence of LNAPL at the Site is declining.

Frequency

The frequency of detection of GRPH and benzene at concentrations exceeding a cleanup level can be used an indicator of the prevalence of these compounds at the Site. The remediation system was started in the spring of 2017. The matrix below summarizes the number of times during an annual monitoring cycle (e.g., November through the following August) GRPH and benzene were detected in any of the 26 wells used for monitoring for the 2016, 2017, and 2018 annual monitoring cycles. If wells have been removed from the sampling protocol, it is assumed they do not contain exceedences of a cleanup level.

If the wells were not sampled due to the presence of LNAPL, it is assumed they do contain exceedences of a cleanup level.

Frequency of Detection for GRPH and Benzene

Period	GRPH Detections	% Frequency	Benzene Detections	% Frequency
2016 Monitoring Cycle	40/71	56.3%	34/71	47.9%
2017 Monitoring Cycle	29/71	40.8%	22/71	30.9%
2018 Monitoring Cycle	23/67	34.3%	13/67	19.4%
Change Since Startup	---	-39%	---	-59%

The frequency of exceedence of a GRPH cleanup level has decreased by approximately 39 percent since before remediation system startup. Exceedences of a benzene cleanup level have similarly decreased by 59 percent over that time period. These data indicate a significant improvement in groundwater quality since, and during the operation of the AS/SVE system.

Lateral Distribution

Figure 9 presents the distribution of the GRPH plume prior to remediation system startup in August 2016 through August 2018. Figure 10 presents a similar graphic for benzene and Figure 11 presents a graphic for PCE. These provide a graphical representation of the lateral extent of the dissolved-phase plumes as defined by the maximum lateral extent of concentrations exceeding a cleanup level, and in the case of GRPH, the lateral extent of LNAPL.

These graphics indicate a substantial reduction in the area of the "Site" as defined by an exceedence of a cleanup level. The pre-remediation area of the Site was approximately 15,743 square feet and the August 2018 area of the Site is approximately 12,960 square feet. This is an approximate 17.7 percent reduction in the area of the Site.

Concentration Trends

Dissolved-phase concentrations of GRPH and benzene exhibited seasonal fluctuations throughout the Site. Higher concentrations of GRPH and benzene are generally observed at the Site during lower water table conditions, while lower concentrations are generally observed during higher water table conditions. Long-term concentration trend analysis smooths such annual cycles in concentration to evaluate groundwater quality improvement.

For the purposes of this analysis GRPH and benzene concentrations from November 2017 through August 2018 have been evaluated.

Figure 9 illustrates the extent of GRPH concentrations exceeding the 800 µg/L cleanup level throughout the monitoring year. This graphic illustrates that the extent of the plume has remained somewhat stable to decreasing throughout the year.

Overall, groundwater quality has significantly improvement since the startup of the AS/SVE system in March 2017. The GRPH concentrations in monitoring wells at the most upgradient portion of the plume

(i.e., northwest) at ESMW-1, WCMW-1R, and WCMW-10 have remained less than the sample quantitation limit. Ongoing monitoring will assess whether this is a durable trend. The data continue to indicate that the source of impacts on the Tony's Short Stop property is separate and distinct from the source of the Whitney's Chevrolet plume.

Figure 10 illustrates the extent of benzene concentrations exceeding the 5 µg/L cleanup level throughout the monitoring year. This graphic illustrates that the extent of the plume has remained somewhat stable to decreasing throughout the year and the core of the benzene plume that exceeded 100 µg/L has decreased to less than 50 µg/L.

Figure 11 illustrates the extent of PCE concentrations exceeding the 5 µg/L cleanup level throughout the monitoring year. Dissolved PCE concentrations were generally stable throughout the year, with the highest concentrations primarily detected in the vicinity of monitoring wells WCMW-2, WCMW-3, and WCMW-4. PCE is present at relatively low concentrations and the improvements in groundwater quality noted for GRPH and benzene are not yet apparent for PCE. Given the chemical properties of PCE, it should respond favorably to the AS/SVE treatment at the Site.

REMEDIATION SYSTEM OPERATION

As stated earlier, an AS/SVE system is operating at the Site for remediation of the shallow aquifer (Figure 12). Between the time the system was started in March 2017 and February 2018, extracted vapors were 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 treatment of system vapors prior to atmospheric discharge. EPI continues 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 monthly at the Site during the monitoring year. 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 (when in use) 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 vapors were also collected during 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.

Based on the monitoring data and vapor analytical results, it is estimated that the AS/SVE system has removed approximately 650 pounds of GRPH through August 13, 2018, when the system was shut down to perform the annual groundwater monitoring event.

EPI evaluated GRPH removal rates over time for the AS/SVE system and observed that higher concentrations of GRPH were generally observed in the system effluent samples during lower water table conditions, while decreased concentrations were generally observed during higher water table conditions. This is consistent with the observed trend in dissolved COC and LNAPL accumulation observations.

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.

CONCLUSIONS

The following conclusions are supported by the findings of groundwater monitoring in the 2017 to 2018 sampling period:

- The hydraulic gradient beneath the Site is stable both in direction and magnitude.
- Both the accumulated thickness and lateral distribution of LNAPL appear to be decreasing at the Site.
- The extent and magnitude of the dissolved-phase GRPH and benzene plumes appear to be stable to decreasing. This improvement in groundwater quality appear to be related to the startup of the AS/SVE system in March 2017. Ongoing groundwater monitoring will continue to evaluate the durability of this trend and evaluate future improvements in groundwater quality and progress toward attainment of cleanup levels.
- The AS/SVE system appears to be highly effective at removing contaminant mass from the subsurface. Data collected to date indicate that the AS/SVE system has removed approximately 650 pounds of GRPH from February 2017 to August 2018 at an average rate of approximately 2.2 pounds per day. Ongoing monitoring of the system will allow for an evaluation of the contaminant mass removal rate and overall declines in that rate will eventually allow for an estimate of the operational time frame for the system. Such an estimate is not yet possible.

CLOSING

Groundwater monitoring at the Site is ongoing and will continue to be performed and reported in a manner consistent with the GCMP. 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 Trimble, P.G., L.G.
Senior Geologist

cc: Mr. Andy Smith, Washington State Department of Ecology

ENCLOSURES

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Attachments

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Table 1
Groundwater Elevation Data
Annual Groundwater Monitoring and Remediation System Status Report for 2017–2018
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
	8/14/2018	40.07	15.21	0.00	24.86
WCMW-2	7/1/2008	40.42	16.42	0.00	24.00
	12/14/2009	40.42	15.42	0.00	25.00
	1/18/2010	40.42	14.46	0.00	25.96
	10/31/2011	40.42	16.78	**0.10**	23.72
	1/31/2012	40.42	14.55	0.00	25.87
	5/7/2012	40.42	14.79	0.00	25.63
	8/20/2012	40.42	15.53	**0.03**	24.91
	8/5/2013	40.42	16.55	**0.02**	23.89
	11/11/2013	40.42	16.16	**Sheen**	24.26
	2/17/2014	40.42	15.10	**Sheen**	25.32
	5/19/2014	40.42	15.00	**Sheen**	25.42
	8/11/2014	40.42	16.94	**0.02**	23.50
	11/17/2014	40.42	15.82	0.00	24.60
	2/25/2015	40.42	15.22	**Sheen**	25.20
	5/21/2015	40.42	16.09	**0.01**	24.34
	8/3/2015	40.42	17.74	**0.54**	23.11
	11/24/2015	40.42	15.47	**0.04**	24.98
	2/23/2016	40.42	13.40	**Sheen**	27.02
	5/9/2016	40.42	15.77	**Sheen**	24.65
	8/23/2016	40.42	17.43	**0.51**	23.40
	11/29/2016	40.42	13.72	0.00	26.70
	2/14/2017	40.42	13.91	0.00	26.51
	5/25/2017	40.42	15.01	0.00	25.41
	8/7/2017	40.42	16.05	**0.05**	24.41
	11/28/2017	40.42	14.02	0.00	26.40
	2/6/2018	40.42	14.22	0.00	26.20
	5/29/2018	40.42	15.74	0.00	24.68
	8/14/2018	40.42	16.26	0.00	24.16
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

Table 1
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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]
WCMW-3	5/7/2012	39.93	14.68	0.00	25.25
	8/20/2012	39.93	16.34	0.00	23.59
	8/5/2013	39.93	16.35	0.00	23.58
	11/11/2013	39.93	15.92	0.00	24.01
	2/17/2014	39.93	14.95	0.00	24.98
	5/19/2014	39.93	14.87	0.00	25.06
	8/11/2014	39.93	16.66	0.00	23.27
	11/17/2014	39.93	15.63	0.00	24.30
	2/25/2015	39.93	15.08	0.00	24.85
	5/21/2015	39.93	16.89	0.00	23.04
	8/3/2015	39.93	17.09	0.00	22.84
	11/24/2015	39.93	15.29	0.00	24.64
	2/23/2016	39.93	14.31	0.00	25.62
	5/9/2016	39.93	15.65	0.00	24.28
	8/23/2016	39.93	16.83	0.00	23.10
	11/29/2016	39.93	13.62	0.00	26.31
	2/14/2017	39.93	13.82	0.00	26.11
	5/25/2017	39.93	14.86	0.00	25.07
	8/7/2017	39.93	15.84	0.00	24.09
	11/28/2017	39.93	13.84	0.00	26.09
	2/6/2018	39.93	14.01	0.00	25.92
	5/29/2018	39.93	15.59	0.00	24.34
	8/14/2018	39.93	16.12	0.00	23.81
WCMW-4	7/1/2008	38.95	16.18	0.00	22.77
	12/14/2009	38.95	15.62	0.00	23.33
	1/18/2010	38.95	15.98	0.00	22.97
	10/31/2011	38.95	16.08	0.00	22.87
	1/31/2012	38.95	13.52	0.00	25.43
	5/7/2012	38.95	13.96	0.00	24.99
	8/20/2012	38.95	15.84	0.00	23.11
	8/5/2013	38.95	15.87	0.00	23.08
	11/11/2013	38.95	15.63	0.00	23.32
	2/17/2014	38.95	14.55	0.00	24.40
	5/19/2014	38.95	14.44	0.00	24.51
	8/11/2014	38.95	16.23	0.00	22.72
	11/17/2014	38.95	15.23	0.00	23.72
	2/25/2015	38.95	14.56	0.00	24.39
	5/21/2015	38.95	15.35	0.00	23.60
	8/3/2015	38.95	16.42	0.00	22.53
	11/24/2015	38.95	14.83	0.00	24.12
	2/23/2016	38.95	13.82	0.00	25.13
	5/9/2016	38.95	15.18	0.00	23.77
	8/23/2016	38.95	16.15	0.00	22.80
	11/29/2016	38.95	13.23	0.00	25.72
	2/14/2017	38.95	13.11	0.00	25.84
	5/25/2017	38.95	14.37	0.00	24.58
	8/7/2017	38.95	15.43	0.00	23.52
	11/28/2017	38.95	13.36	0.00	25.59
	2/6/2017	38.95	13.25	0.00	25.70
	5/29/2018	38.95	15.04	0.00	23.91
	8/14/2018	38.95	15.62	0.00	23.33
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

Table 1
Groundwater Elevation Data
Annual Groundwater Monitoring and Remediation System Status Report for 2017–2018
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]
WCMW-5	8/11/2014	37.73	15.26	0.00	22.47
	11/17/2014	37.73	14.09	0.00	23.64
	2/25/2015	37.73	13.41	0.00	24.32
	5/21/2015	37.73	14.24	0.00	23.49
	8/3/2015	37.73	15.49	0.00	22.24
	11/24/2015	37.73	13.68	0.00	24.05
	2/23/2016	37.73	13.81	0.00	23.92
	5/9/2016	37.73	14.04	0.00	23.69
	8/23/2016	37.73	15.20	0.00	22.53
	11/29/2016	37.73	12.06	0.00	25.67
	2/14/2017	37.73	12.27	0.00	25.46
	5/25/2017	37.73	13.33	0.00	24.40
	8/7/2017	37.73	14.51	0.00	23.22
	11/28/2017	37.73	12.42	0.00	25.31
	2/6/2018	37.73	12.31	0.00	25.42
	5/29/2018	37.73	13.95	0.00	23.78
	8/14/2018	37.73	14.72	0.00	23.01
WCMW-6	7/1/2008	38.80	15.73	0.00	23.07
	12/14/2009	38.80	14.76	0.00	24.04
	1/18/2010	38.80	13.88	0.00	24.92
	10/31/2011	38.80	15.91	0.00	22.89
	1/31/2012	38.80	13.94	0.00	24.86
	5/7/2012	38.80	14.17	0.00	24.63
	8/20/2012	38.80	15.85	0.00	22.95
	8/5/2013	38.80	15.85	0.00	22.95
	11/11/2013	38.80	15.31	0.00	23.49
	2/17/2014	38.80	14.33	0.00	24.47
	5/19/2014	38.80	14.35	0.00	24.45
	8/11/2014	38.80	16.21	0.00	22.59
	11/17/2014	38.80	15.06	0.00	23.74
	2/25/2015	38.80	14.58	0.00	24.22
	5/21/2015	38.80	15.38	0.00	23.42
	8/3/2015	38.80	16.58	0.00	22.22
	11/24/2015	38.80	14.59	0.00	24.21
	2/23/2016	38.80	13.84	0.00	24.96
	5/9/2016	38.80	15.24	0.00	23.56
	8/23/2016	38.80	16.31	0.00	22.49
	11/29/2016	38.80	13.25	0.00	25.55
	2/14/2017	38.80	13.47	0.00	25.33
	5/25/2017	38.80	14.34	0.00	24.46
	8/7/2017	38.80	15.45	0.00	23.35
	11/28/2017	38.80	13.54	0.00	25.26
	2/6/2018	38.80	13.54	0.00	25.26
	5/29/2018	38.80	15.09	0.00	23.71
	8/14/2018	38.80	15.82	0.00	22.98
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

Table 1
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Whitney's Chevrolet, Inc.
123 Pioneer Avenue, Montesano, Washington

Well ID	Date	PVC Casing Elevation[a]	Depth to Water[b]	LNAPL Thickness[c]	Water Table Elevation[d]
WCMW-7	11/29/2016	39.85	12.09	0.00	27.76
	2/14/2017	39.85	12.31	0.00	27.54
	5/25/2017	39.85	13.55	0.00	26.30
	8/7/2017	39.85	14.56	0.00	25.29
	11/28/2017	39.85	12.24	0.00	27.61
	2/6/2018	39.85	12.90	0.00	26.95
	5/29/2018	39.85	14.24	0.00	25.61
	8/14/2018	39.85	14.82	0.00	25.03
WCMW-8	10/31/2011	40.70	15.91	0.00	24.79
	1/31/2012	40.70	13.51	0.00	27.19
	5/7/2012	40.70	13.83	0.00	26.87
	8/20/2012	40.70	15.77	0.00	24.93
	8/5/2013	40.70	15.82	0.00	24.88
	11/11/2013	40.70	15.35	0.00	25.35
	2/17/2014	40.70	14.02	0.00	26.68
	5/19/2014	40.70	14.27	0.00	26.43
	8/11/2014	40.70	16.15	0.00	24.55
	11/17/2014	40.70	15.06	0.00	25.64
	2/25/2015	40.70	14.52	0.00	26.18
	5/21/2015	40.70	15.30	0.00	25.40
	8/3/2015	40.70	16.60	0.00	24.10
	11/24/2015	40.70	14.60	0.00	26.10
	2/23/2016	40.70	13.44	0.00	27.26
	5/9/2016	40.70	15.05	0.00	25.65
	8/23/2016	40.70	16.28	0.00	24.42
	11/29/2016	40.70	12.76	0.00	27.94
	2/14/2017	40.70	12.96	0.00	27.74
	5/25/2017	40.70	14.32	0.00	26.38
	8/7/2017	40.70	15.29	0.00	25.41
	11/28/2017	40.70	12.92	0.00	27.78
	2/6/2018	40.70	13.51	0.00	27.19
	5/29/2018	40.70	14.95	0.00	25.75
	8/14/2018	40.70	15.51	0.00	25.19
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
	8/14/2018	40.86	15.22	0.00	25.64
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

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WCMW-10	8/5/2013	40.82	15.87	0.00	24.95
	11/11/2013	40.82	15.62	0.00	25.20
	2/17/2014	40.82	14.90	0.00	25.92
	5/19/2014	40.82	14.92	0.00	25.90
	8/11/2014	40.82	16.27	0.00	24.55
	11/17/2014	40.82	15.50	0.00	25.32
	2/25/2015	40.82	15.10	0.00	25.72
	5/21/2015	40.82	15.83	0.00	24.99
	8/3/2015	40.82	16.64	0.00	24.18
	11/24/2015	40.82	15.35	0.00	25.47
	2/23/2016	40.82	14.48	0.00	26.34
	5/9/2016	40.82	15.31	0.00	25.51
	8/23/2016	40.82	16.49	0.00	24.33
	11/29/2016	40.82	13.42	0.00	27.40
	2/14/2017	40.82	12.90	0.00	27.92
	5/25/2017	40.82	14.84	0.00	25.98
	8/7/2017	40.82	15.67	0.00	25.15
	11/28/2017	40.82	13.14	0.00	27.68
	2/6/2018	40.82	14.37	0.00	26.45
	5/29/2018	40.82	15.83	0.00	24.99
	8/14/2018	40.82	16.74	0.00	24.08
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
	8/14/2018	39.31	16.46	0.00	22.85
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

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KBMW-2	8/3/2015	38.17	15.98	**0.05**	22.23
	11/25/2015	38.17	14.21	**Sheen**	23.96
	2/23/2016	38.17	13.36	**0.02**	24.83
	5/9/2016	38.17	14.57	**Sheen**	23.60
	8/23/2016	38.17	15.76	**0.03**	22.43
	11/30/2016	38.17	12.70	0.00	25.47
	2/14/2017	38.17	12.89	0.00	25.28
	5/25/2017	38.17	13.86	0.00	24.31
	8/9/2017	38.17	15.16	0.00	23.01
	11/29/2017	38.17	13.16	0.00	25.01
	2/7/2018	38.17	12.99	0.00	25.18
	5/9/2018	38.17	14.61	0.00	23.56
	8/16/2018	38.17	15.31	0.00	22.86
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
	8/14/2018	37.21	16.16	0.00	21.05
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

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KBMW-4	8/7/2017	37.06	15.52	0.00	21.54
	11/28/2017	37.06	13.77	0.00	23.29
	2/6/2018	37.06	13.58	0.00	23.48
	5/29/2018	37.06	15.49	0.00	21.57
	8/14/2018	37.06	16.10	0.00	20.96
KBMW-5	12/14/2009	37.81	15.97	0.00	21.84
	1/18/2010	37.81	15.42	0.00	22.39
	10/31/2011	37.81	16.79	0.00	21.02
	1/31/2012	37.81	15.42	0.00	22.39
	5/7/2012	37.81	15.61	0.00	22.20
	8/20/2012	37.81	16.68	0.00	21.13
	8/5/2013	37.81	16.72	0.00	21.09
	11/11/2013	Not Measured - Damaged Wellhead			
	2/17/2014	38.17	15.74	0.00	22.43
	5/19/2014	38.17	15.89	0.00	22.28
	8/11/2014	38.17	17.29	0.00	20.88
	11/17/2014	38.17	16.29	0.00	21.88
	2/25/2015	38.17	15.47	0.00	22.70
	5/21/2015	38.17	16.62	0.00	21.55
	8/3/2015	38.17	17.38	0.00	20.79
	11/24/2015	38.17	15.81	0.00	22.36
	2/23/2016	38.17	15.55	0.00	22.62
	5/9/2016	38.17	16.45	0.00	21.72
	8/23/2016	38.17	17.36	0.00	20.81
	11/29/2016	38.17	14.94	0.00	23.23
	2/14/2017	38.17	15.24	0.00	22.93
	5/25/2017	38.17	15.95	0.00	22.22
	8/7/2017	38.17	17.09	0.00	21.08
	11/28/2017	38.17	15.39	0.00	22.78
	2/6/2018	38.17	15.33	0.00	22.84
	5/29/2018	38.17	16.52	0.00	21.65
	8/14/2018	38.17	17.35	0.00	20.82
KBMW-6	12/14/2009	40.15	16.73	0.00	23.42
	1/18/2010	40.15	16.17	0.00	23.98
	10/31/2011	40.15	17.50	0.00	22.65
	1/31/2012	40.15	16.23	0.00	23.92
	5/7/2012	40.15	16.38	0.00	23.77
	8/20/2012	40.15	17.43	0.00	22.72
	8/5/2013	40.15	17.40	0.00	22.75
	11/11/2013	40.15	16.92	0.00	23.23
	2/17/2014	40.15	16.26	0.00	23.89
	5/19/2014	40.15	16.44	0.00	23.71
	8/11/2014	40.15	17.72	0.00	22.43
	11/17/2014	40.15	16.89	0.00	23.26
	2/25/2015	40.15	16.60	0.00	23.55
	5/21/2015	40.15	17.20	0.00	22.95
	8/3/2015	40.15	18.85	0.00	21.30
	11/24/2015	40.15	16.57	0.00	23.58
	2/23/2016	40.15	16.09	0.00	24.06
	5/9/2016	40.15	17.01	0.00	23.14
	8/23/2016	40.15	17.73	0.00	22.42
	11/29/2016	40.15	14.55	0.00	25.60
	2/14/2017	40.15	14.21	0.00	25.94
	5/25/2017	40.15	16.54	0.00	23.61
	8/7/2017	40.15	17.65	0.00	22.50
	11/28/2017	40.15	14.74	0.00	25.41
	2/6/2018	40.15	14.22	0.00	25.93
	5/29/2018	40.15	17.07	0.00	23.08
	8/14/2018	40.15	17.96	0.00	22.19
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

Table 1
Groundwater Elevation Data
Annual Groundwater Monitoring and Remediation System Status Report for 2017–2018
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-7	1/31/2012	36.17	12.42	0.00	23.75
	5/7/2012	36.17	12.62	0.00	23.55
	8/20/2012	36.17	14.08	0.00	22.09
	8/5/2013	36.17	14.03	0.00	22.14
	11/11/2013	36.17	13.67	0.00	22.50
	2/17/2014	36.17	12.79	0.00	23.38
	5/19/2014	36.17	12.73	0.00	23.44
	8/11/2014	36.17	14.51	0.00	21.66
	11/17/2014	36.17	13.34	0.00	22.83
	2/25/2015	36.17	12.95	0.00	23.22
	5/21/2015	36.17	13.64	0.00	22.53
	8/3/2015	36.17	14.74	0.00	21.43
	11/24/2015	36.17	12.91	0.00	23.26
	2/23/2016	36.17	12.32	0.00	23.85
	5/9/2016	36.17	13.46	0.00	22.71
	8/23/2016	36.17	14.60	0.00	21.57
	11/29/2016	36.17	11.72	0.00	24.45
	2/14/2017	36.17	12.03	0.00	24.14
	5/25/2017	36.17	12.81	0.00	23.36
	8/7/2017	36.17	14.13	0.00	22.04
	11/28/2017	36.17	12.26	0.00	23.91
	2/6/2018	36.17	12.17	0.00	24.00
	5/29/2018	36.17	13.88	0.00	22.29
	8/14/2018	36.17	14.79	0.00	21.38
KBMW-8	12/14/2009	35.81	13.98	0.00	21.83
	1/18/2010	35.81	13.39	0.00	22.42
	10/31/2011	35.81	16.78	0.00	19.03
	1/31/2012	35.81	13.44	0.00	22.37
	5/7/2012	35.81	13.60	0.00	22.21
	8/20/2012	35.81	14.75	0.00	21.06
	8/5/2013	35.81	14.74	0.00	21.07
	11/11/2013	35.75	14.22	0.00	21.53
	2/17/2014	35.75	13.42	0.00	22.33
	5/19/2014	35.75	13.63	0.00	22.12
	8/11/2014	35.75	15.01	0.00	20.74
	11/17/2014	35.75	14.04	0.00	21.71
	2/25/2015	35.75	13.76	0.00	21.99
	5/21/2015	35.75	14.38	0.00	21.37
	8/3/2015	35.75	15.19	0.00	20.56
	11/24/2015	35.75	13.63	0.00	22.12
	2/23/2016	35.75	13.33	0.00	22.42
	5/9/2016	35.75	14.29	0.00	21.46
	8/23/2016	35.75	15.09	0.00	20.66
	11/29/2016	35.75	13.06	0.00	22.69
	2/14/2017	35.75	12.16	0.00	23.59
	5/25/2017	35.75	13.76	0.00	21.99
	8/7/2017	35.75	13.78	0.00	21.97
	11/28/2017	35.75	13.22	0.00	22.53
	2/6/2018	35.75	13.16	0.00	22.59
	5/29/2018	35.75	14.31	0.00	21.44
	8/14/2018	35.75	15.00	0.00	20.75
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

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KBMW-9	11/18/2014	35.50	14.15	**0.23**	21.53
	2/26/2015	35.50	13.61	**Sheen**	21.89
	5/22/2015	35.50	14.39	**0.16**	21.24
	8/4/2015	35.50	15.33	**0.33**	20.43
	11/25/2015	35.50	13.52	**Sheen**	21.98
	2/24/2016	35.50	13.24	**0.04**	22.29
	5/9/2016	35.50	14.36	**0.35**	21.42
	8/26/2016	35.50	15.47	**0.51**	20.44
	11/29/2016	35.50	12.59	0.00	22.91
	2/16/2017	35.50	12.65	0.00	22.85
	5/25/2017	35.50	13.54	0.00	21.96
	8/9/2017	35.50	14.45	0.00	21.05
	11/29/2017	35.50	13.11	0.00	22.39
	2/8/2018	35.50	12.97	0.00	22.53
	5/31/2018	35.50	14.20	0.00	21.30
	8/16/2018	35.50	14.81	0.00	20.69
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
	2/1/2012	34.96	12.13	0.00	22.83
	5/8/2012	34.96	13.27	0.00	21.69
	8/21/2012	34.96	14.33	0.00	20.63
	8/5/2013	Not accessible due to road construction			
	11/12/2013	34.56	13.33	0.00	21.23
	2/18/2014	34.56	12.55	0.00	22.01
	5/20/2014	34.56	12.83	0.00	21.73
	8/12/2014	34.56	14.14	0.00	20.42
	11/18/2014	34.56	13.19	0.00	21.37
	2/25/2015	34.56	12.94	0.00	21.62
	5/22/2015	34.56	13.55	0.00	21.01
	8/4/2015	34.56	14.28	0.00	20.28
	11/24/2015	34.56	12.79	0.00	21.77
	2/24/2016	34.56	12.57	0.00	21.99
	5/9/2016	34.56	13.43	0.00	21.13
	8/26/2016	34.56	14.20	0.00	20.36
	11/29/2016	34.56	12.03	0.00	22.53
	2/16/2017	34.56	12.19	0.00	22.37
	5/25/2017	34.56	12.91	0.00	21.65
	8/9/2017	34.56	13.82	0.00	20.74
	11/29/2017	34.56	12.42	0.00	22.14
	2/8/2018	34.56	12.37	0.00	22.19
	5/31/2018	34.56	13.44	0.00	21.12
	8/16/2018	34.56	14.11	0.00	20.45
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

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KBMW-11	5/9/2016	35.01	14.14	0.00	20.87
	8/23/2016	35.01	14.97	0.00	20.04
	11/29/2016	35.01	12.65	0.00	22.36
	2/14/2016	35.01	13.03	0.00	21.98
	5/25/2017	35.01	13.59	0.00	21.42
	8/7/2017	35.01	14.68	0.00	20.33
	11/28/2017	35.01	12.99	0.00	22.02
	2/6/2018	35.01	12.98	0.00	22.03
	5/29/2018	35.01	14.15	0.00	20.86
	8/14/2018	35.01	14.91	0.00	20.10
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
	2/25/2015	34.16	12.90	0.00	21.26
	5/21/2015	34.16	13.50	0.00	20.66
	8/3/2015	34.16	14.22	0.00	19.94
	11/24/2015	34.16	12.63	0.00	21.53
	2/23/2016	34.16	12.44	0.00	21.72
	5/9/2016	34.16	13.39	0.00	20.77
	8/23/2016	34.16	14.19	0.00	19.97
	11/29/2016	34.16	11.92	0.00	22.24
	2/14/2017	34.16	12.29	0.00	21.87
	5/25/2017	34.16	12.86	0.00	21.30
	8/7/2017	34.16	13.91	0.00	20.25
	11/28/2017	34.16	12.25	0.00	21.91
	2/6/2018	34.16	12.23	0.00	21.93
	5/29/2018	34.16	13.41	0.00	20.75
	8/14/2018	34.16	14.13	0.00	20.03
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

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ESMW-1	8/7/2017	40.82	15.78	0.00	25.04
	11/28/2017	40.82	13.36	0.00	27.46
	2/6/2018	40.82	14.10	0.00	26.72
	5/29/2018	40.82	15.37	0.00	25.45
	8/14/2018	40.82	15.90	0.00	24.92
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
	8/23/2016	35.31	14.85	0.00	20.46
	11/29/2016	35.31	12.53	0.00	22.78
	2/14/2017	35.31	12.96	0.00	22.35
	5/25/2017	35.31	13.59	0.00	21.72
	8/7/2017	35.31	14.60	0.00	20.71
	11/28/2017	35.31	13.06	0.00	22.25
	2/6/2018	35.31	13.01	0.00	22.30
	5/29/2018	35.31	14.12	0.00	21.19
	8/14/2018	35.31	14.89	0.00	20.42
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

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TSSMW-7	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
	8/14/2018	35.09	14.70	0.00	20.39
TSSMW-8	1/18/2010	34.52	13.02	0.00	21.50
	10/31/2011	34.52	14.31	0.00	20.21
	2/1/2012	34.52	13.07	0.00	21.45
	5/7/2012	34.52	13.22	0.00	21.30
	8/20/2012	34.52	14.29	0.00	20.23
	8/5/2013	34.52	14.23	0.00	20.29
	11/11/2013	34.52	13.65	0.00	20.87
	2/17/2014	34.52	12.84	0.00	21.68
	5/19/2014	34.52	13.11	0.00	21.41
	8/11/2014	34.52	14.49	0.00	20.03
	11/17/2014	34.52	13.49	0.00	21.03
	2/25/2015	34.52	13.23	0.00	21.29
	5/21/2015	34.52	13.86	0.00	20.66
	8/3/2015	34.52	14.58	0.00	19.94
	11/24/2015	34.52	12.96	0.00	21.56
	2/23/2016	34.52	12.72	0.00	21.80
	5/9/2016	34.52	13.73	0.00	20.79
	8/23/2016	34.52	14.56	0.00	19.96
	11/29/2016	34.52	12.21	0.00	22.31
	2/14/2017	34.52	12.60	0.00	21.92
	5/25/2017	34.52	13.17	0.00	21.35
	8/7/2017	34.52	14.26	0.00	20.26
	11/28/2017	34.52	12.55	0.00	21.97
	2/6/2018	34.52	12.54	0.00	21.98
	5/29/2018	34.52	13.74	0.00	20.78
	8/14/2018	34.52	14.51	0.00	20.01
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

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TSSMW-9	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
	8/16/2018	34.69	14.29	0.00	20.40
TSSMW-11	1/18/2010	30.03	9.07	0.00	20.96
TSSMW-12	1/18/2010	32.98	11.55	0.00	21.43
	10/31/2011	32.98	13.94	0.00	19.04
	2/1/2012	32.98	11.61	0.00	21.37
	5/7/2012	32.98	11.78	0.00	21.20
	8/20/2012	32.98	12.81	0.00	20.17
	8/5/2013	32.98	12.78	0.00	20.20
	11/11/2013	32.98	12.20	0.00	20.78
	2/17/2014	32.98	11.35	0.00	21.63
	5/19/2014	32.98	11.66	0.00	21.32
	8/11/2014	32.98	13.00	0.00	19.98
	11/17/2014	32.98	12.04	0.00	20.94
	2/25/2015	32.98	11.78	0.00	21.20
	5/21/2015	32.98	12.38	0.00	20.60
	8/3/2015	32.98	13.10	0.00	19.88
	11/24/2015	32.98	11.49	0.00	21.49
	2/23/2016	32.98	12.32	0.00	20.66
	5/9/2016	32.98	12.26	0.00	20.72
	8/23/2016	32.98	13.09	0.00	19.89
	11/29/2016	32.98	10.78	0.00	22.20
	2/14/2017	32.98	11.15	0.00	21.83
	5/25/2017	32.98	11.74	0.00	21.24
	8/7/2017	32.98	12.77	0.00	20.21
	11/28/2017	32.98	11.11	0.00	21.87
	2/6/2018	32.98	11.13	0.00	21.85
	5/29/2018	32.98	12.29	0.00	20.69
	8/14/2018	32.98	13.03	0.00	19.95
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].

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Whitney's Chevrolet, Inc.
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Monitoring Wells Associated With Whitney's Chevrolet Site								
WCMW-1	12/13/09	**9,600**	**7.9**	**84.4**	**58.6**	**816**	**121**	**24.6**
	1/19/10 and /Dup3	**5,040/4,910**	**98.3/117**	**125/98.5**	**134/120**	**900/1,330**	**70.5/87.7**	**34.1/35**
WCMW-1R	11/2/11	750	<1.0	**1.2**	**2.6**	**30.2**	**6.3**	**1.5**
	1/31/12	**4,740**	**2.8**	**23.8**	**51.7**	**508**	**130**	**16**
	5/7/2012 and /WC-Dup1	**6,200/5,770**	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	**31.2/25.1**	**125/157**	**20.6/14.7**
	8/20/12	**267**	<1.0	<1.0	<1.0	**31.2**	<5.0	**6.8**
	8/5/13	**1,150**	<1.0	<1.0	<1.0	<2.0	**6.9**	**2.1**
	11/12/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/17/14	**1,180**	<1.0	<1.0	**13.0**	**28.5**	**23.8**	**3.4**
	5/20/14	**7,190**	<1.0	<1.0	**22.4**	**82.1**	**96.4**	**7.5**
	8/11/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/17/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/26/15	**4,280**	<1.0	<1.0	**17.4**	**47.7**	**27.2**	**4.2**
	5/21/2015 and /WC-Dup1	**546/516**	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	8/3/15	**249**	<1.0	<1.0	<1.0	**4.1**	<5.0	<1.0
	11/24/15	**157**	<1.0	<1.0	<1.0	<2.0	<5.0	**1.2**
	2/23/16	**3,630**	<1.0	<1.0	**6.8**	**11.2**	**9.9**	**1.6**
	5/9/16	**1,620**	<1.0	<1.0	**1.8**	**3.1**	**11.8**	<1.0
	8/24/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/30/16	**2,900**	<1.0	<1.0	**5.5**	**12.1**	**5.4**	**1.9**
	2/14/17	**3,750**	<1.0	<1.0	**2.5**	**5.7**	**7.8**	**0.8**
	5/23/17	**355**	<1.0	<1.0	<1.0	<1.0	<1.0	**3.1**
	8/7/17	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	11/29/17	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	2/6/18	<100	<1.0	<1.0	<1.0	<1.0	<1.0	**1.3**
	5/30/18	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
	8/15/18	<100	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0
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**

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WCMW-2	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
	2/8/18	43,000	48	1,100	54	4,640	400	27
	5/31/18	72,500	29	1,170	758	3,200	773	27
	8/15/18	45,200	17	578	2,350	4,550	456	18
WCMW-3	12/12/09	41,000	575	2,190	118	6,450	171	27.1
	1/19/10	26,300	2,370	11,000	4,710	23,400	554	25.5
	11/2/11	37,800	394	2,980	1,760	8,810	534	14.9
	2/2/12	38,600	473	694	941	1,590	749	14.2
	5/9/12	52,500	709	2,950	1,350	6,030	1,280	11.0
	8/22/12	68,900	630	3,660	1,690	8,430	795	14.4
	8/7/13	101,000	346	2,340	1,600	8,200	930	5
	11/12/13	50,900	473	3,360	1,980	9,730	1,040	15
	2/18/14	65,000	397	1,970	1,350	6,450	888	11.8
	5/19/14	58,300	529	2,600	1,720	8,120	1,120	11.0
	8/12/14	138,000	358	3,010	1,940	10,200	4,730	13.2
	2/26/15	43,400	307	1,640	1,820	8,120	403	22.0
	8/4/15	51,500	280	2,680	2,800	12,300	762	24.8
	11/25/2015 and /WC-Dup1	62,000/49,800	169/173	1,640/1,700	1,960/1,790	9,950/9,500	498/275	24/27
	2/24/16	56,200	227	1,330	1,400	7,220	737	14.9
	5/9/16	46,400	179	1,350	1,720	8,790	884	11.9
	8/25/16	49,000	190	1,800	1,710	7,920	358	13.2
	11/30/16	25,400	219	1,480	1,740	7,750	315	13
	2/15/17	23,500	218	1,990	1,340	5,800	797	10.4
	5/24/17	47,200	171	1,410	1,130	5,540	980	13.9
	8/9/17	37,500	96	1,410	1,190	5,670	807	12
	11/28/17	36,700	102	1,180	1,220	5,560	620	13
	2/8/18	45,200	64	1,740	102	6,120	384	12
	5/31/18	40,900	43	510	1.9	2,100	345	15
	8/15/18	15,700	14	157	<1.0	1,230	180	3.3
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

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

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

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

Well ID	Date Collected	GRPH[a]	Benzene[b]	Toluene[b]	Ethyl-benzene[b]	Total Xylenes[b]	Naphthalene[b]	PCE[b]
WCMW-10	11/29/16	**2,060**	<1.0	<1.0	**1.7**	**5.3**	**7.5**	<1.0
	2/14/16	**2,820**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/23/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/7/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/28/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/6/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/30/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/15/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
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**
	8/3/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**0.9j**
	2/24/16	**355**	**12.4**	<1.0	<1.0	<2.0	<5.0	**8.7**
	8/24/16	**110**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/15/17	<100	**6.0**	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	**138**	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/8/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/14/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
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
	8/16/18	**152**	<1.0	<1.0	<1.0	<2.0	<5.0	**1.1**

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

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KBMW-5	8/24/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/16/18 and /Dup-2	<100/**190**	<1.0/<1.0	**1.6/0.94j**	<1.0/<1.0	**1.9j/2.5**	**8.6/7.1**	<1.0/<1.0
KBMW-6	12/13/09	<100	<1	<1	<1	<2	<5.0	<1
	1/18/10	<100	<1	<1	<1	<2	<5.0	<1
	11/2/11 and /WC-Dup3	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	2/2/12 and /WC-Dup3	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	5/9/12 and /WC-Dup3	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	<5.0/<5.0	<1.0/<1.0
	8/21/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/6/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/12/14 and /Dup-2	<100/<100	<1.0/<1.0	<1.0/<1.0	<1.0/<1.0	<2.0/<2.0	**5.6**/<5.0	<1.0/<1.0
	8/3/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
KBMW-7	12/13/09	**800**	**11.6**	**4.1**	<1	**13.1**	**16**	**9.1**
	1/19/10	**1,090**	**8.5**	**13**	**146**	**352**	**39.5**	**6.8**
	11/1/11	**1,090**	**20.6**	**20.3**	**98.6**	**287**	**84.7**	**4.7**
	1/31/12	**1,460**	**4.2**	**1.4**	**31.6**	**114**	**43.6**	**2**
	5/7/12	**1,170**	**1.7**	**1.7**	**2.3**	**42.4**	**11.0**	<1.0
	8/21/12	**1,750**	**14.7**	**6.1**	<1.0	**92.6**	**21.3**	**1.4**
	8/6/13	**2,630**	**13.4**	**12.4**	**42.7**	**88.0**	**12.3**	<1.0
	11/11/13	**8,640**	**106**	**43**	**295**	**768**	**263**	**3.5**
	2/18/14	**2,260**	**9.5**	**2.8**	**49.3**	**76.2**	**42.8**	<1.0
	5/19/14	**1,650**	**9.0**	**3.2**	**41.7**	**63.6**	**38.9**	<1.0
	8/11/14	**1,880**	**27.6**	**26.9**	**48.5**	**96.9**	**52.5**	<1.0
	11/18/14 and Dup-2	**3,290/2,870**	**30/31**	**1.8/1.6**	**25/18**	**49/48**	**111/63**	<1.0/<1.0
	2/26/15	**1,560**	**11.2**	**3.2**	**25.8**	**54.2**	**25.9**	<1.0
	5/21/15	**3,460**	**32.0**	**14**	**48**	**155**	**55**	<1.0
	8/3/15	**1,640**	**13.5**	**15.0**	<1.0	**157**	**19.3**	**1.1**
	11/24/15	**958**	**2.4**	<1.0	<1.0	**3.8**	<5.0	<1.0
	2/23/16	**2,420**	**10.7**	**3.2**	**34.3**	**46.5**	**51.2**	**1.3**
	5/9/16	**1,040**	**12.8**	**5.6**	**32**	**21.6**	**22.2**	<1.0
	8/24/2016 and /Dup-1	**680/219**	**5.8**/<1.0	**4.1**/<1.0	<1.0/<1.0	**57.8**/<2.0	**20.4/11.6**	<1.0/<1.0
	11/30/16	**1,140**	**10.2**	**3.2**	**2.2**	**32.4**	**8.8**	**1.7**
	2/14/17	**3,170**	**12.5**	**7.2**	**37.5**	**117**	**53.2**	**2.6**
	5/23/17	**1,020**	**10.7**	**3.8**	<1.0	**63.1**	<5.0	**3.2**
	8/8/17	**114**	**1.6**	<1.0	<1.0	<2.0	<5.0	<1.0
	11/29/17	**880**	**2.0**	<1.0	**9.2**	**11**	**18**	<1.0
	2/7/18	**2,640**	**12.0**	**10**	**66**	**81**	**33**	**1.6**
	5/30/18	**2,020**	**3.2**	**2.2**	<1.0	**52**	**11**	**1.2**
	8/15/18	**1,350**	<1.0	**23**	**5.0**	**35**	**116**	<1.0
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

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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-8	2/26/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/4/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/23/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/25/16	**360**	**2.6**	<1.0	<1.0	**5.0**	<5.0	<1.0
	2/15/17	**380**	**2.1**	<1.0	**1.9**	**4.9**	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/7/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/14/18	<100	<1.0	<1.0	<1.0	<2.0	**68**	<1.0
KBMW-9	12/14/09	**37,000**	**516**	**3,850**	**1,900**	**9,100**	**479**	**1.8**
	1/18/10	**24,900**	**778**	**6,290**	**3,760**	**17,000**	**370**	**2**
	11/1/11	**LNAPL – 0.55 foot (6.60 inches)**						
	2/1/12	**LNAPL – 0.21 foot (2.52 inches)**						
	5/8/12	**LNAPL – 0.23 foot (2.76 inches)**						
	8/21/12	**LNAPL – 0.69 foot (8.28 inches)**						
	8/5/13	Not accessible due to road construction						
	11/12/13	**LNAPL – 0.07 foot (0.84 inch)**						
	2/18/14	**LNAPL – Sheen**						
	5/20/14	**LNAPL – Sheen**						
	8/12/14	**LNAPL – 0.08 foot (1 inch)**						
	2/26/15	**LNAPL – Sheen**						
	5/22/15	**LNAPL – 0.16 foot (1.92 inches)**						
	8/3/15							
	11/25/15	**LNAPL – Sheen**						
	2/24/16	**LNAPL – 0.04 foot (0.48 inches)**						
	5/9/16	**LNAPL – 0.04 foot (0.48 inches)**						
	8/23/16	**LNAPL – 0.51 foot (6.12 inches)**						
	11/30/16	**39,500**	**49.1**	**417**	**1,800**	**9,170**	**651**	**1.2**
	2/16/17	**49,800**	**22.8**	**342**	**918**	**5,300**	**670**	<1.0
	5/25/17	**43,400**	**22.5**	**203**	**916**	**5,330**	**851**	<1.0
	8/9/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/29/17	**17,500**	**5.9**	**100**	**493**	**2,900**	**289**	<1.0
	2/8/18	**16,900**	**2.9**	**25**	**315**	**1,840**	**87**	<1.0
	5/31/18	**30,000**	<1.0	**59**	**510**	**2,820**	**855**	<1.0
	8/16/18	**34,100**	**1.7**	**28**	**543**	**2,970**	**537**	<1.0
KBMW-10	12/14/09	<100	<1	<1	<1	<2	<5.0	**5.9**
	1/18/10	<100	<1	<1	<1	<2	<5.0	**4.2**
	11/1/11	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.4**
	2/1/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.5**
	5/8/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.6**
	8/21/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**1.7**
	8/5/13	Not accessible due to road construction						
	11/12/13	**160**	**7.8**	<1.0	**1.6**	<2.0	<5.0	**2.4**
	8/12/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/4/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.0**
	8/26/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/9/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/16/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
KBMW-11	8/12/14	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/4/15	<100	<1.0	<1.0	<1.0	<2.0	<5.0	**2.0**
	11/1/11	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/1/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/8/12	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/21/12	<100	**2.0**	<1.0	<1.0	<2.0	<5.0	<1.0
	8/6/13	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0

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KBMW-11	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
	2/14/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/7/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/28/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/6/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/30/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/15/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
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

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ESMW-7	8/12/14	**10,500**	**108**	**18.7**	**253**	**300**	**395**	<1.0
	11/18/14	**6,210**	**57**	**35**	**503**	**1,170**	**114**	<5.0
	2/26/15	**10,100**	**122**	**74**	**512**	**988**	**196**	<5.0
	5/22/15	**10,100**	**159**	**66**	**955**	**1,300**	**360**	<5.0
	8/4/2015 and WC-Dup3	**8,100/10,900**	**71.0/77.6**	**32.9/33.9**	**634/885**	**910/1,300**	**166/332**	<5.0/<1.0
	11/25/15	**7,340**	**58**	**31**	**402**	**655**	**57**	<1.0
	2/24/16	**322**	**2.5**	**1.2**	**14.8**	**17.2**	<5.0	<1.0
	5/9/2016 and WC-Dup1	**11,200/9,300**	**112/79.5**	**58.0/36.0**	**706/593**	**873/727**	**858/704**	<1.0/<1.0
	8/25/16	**4,520**	**79.2**	**23.2**	**440**	**273.0**	**106**	<5.0
	11/30/16	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/15/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/24/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/29/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/7/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/30/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/15/18	**126**	<1.0	<1.0	<1.0	**5.5**	**7.1**	<1.0
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
	2/16/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/24/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/8/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	11/29/17	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	2/7/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	5/30/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
	8/15/18	<100	<1.0	<1.0	<1.0	<2.0	<5.0	<1.0
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

Table 2
Groundwater Analytical Results (in µg/L)
Annual Groundwater Monitoring and Remediation System Status Report for 2017–2018
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-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
	8/16/18	<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)
Annual Groundwater Monitoring and Remediation System Status Report for 2017–2018
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
INF-0615	6/15/18	**27.7 H**	<0.1	<0.1 H	<0.1	<0.1	<0.1	<0.1
INF-0713	7/13/18	**39.4**	<0.1	<0.1	<0.1	**0.331**	**0.160**	<0.1
INF-0813	8/13/18	**49.2**	<0.1	<0.1	<0.1	**0.105**	<0.1	<0.1

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

Qualifier:
H Holding times for preparation or analysis exceeded.

Compounds:
GRPH Gasoline-range petroleum hydrocarbons
PCE Tetrachloroethene

Table 4
System Mass Removal and Destruction Efficiency
Annual Groundwater Monitoring and Remediation System Status Report for 2017–2018
Whitney's Chevrolet, Inc.
123 West Pioneer Avenue, Montesano, Washington

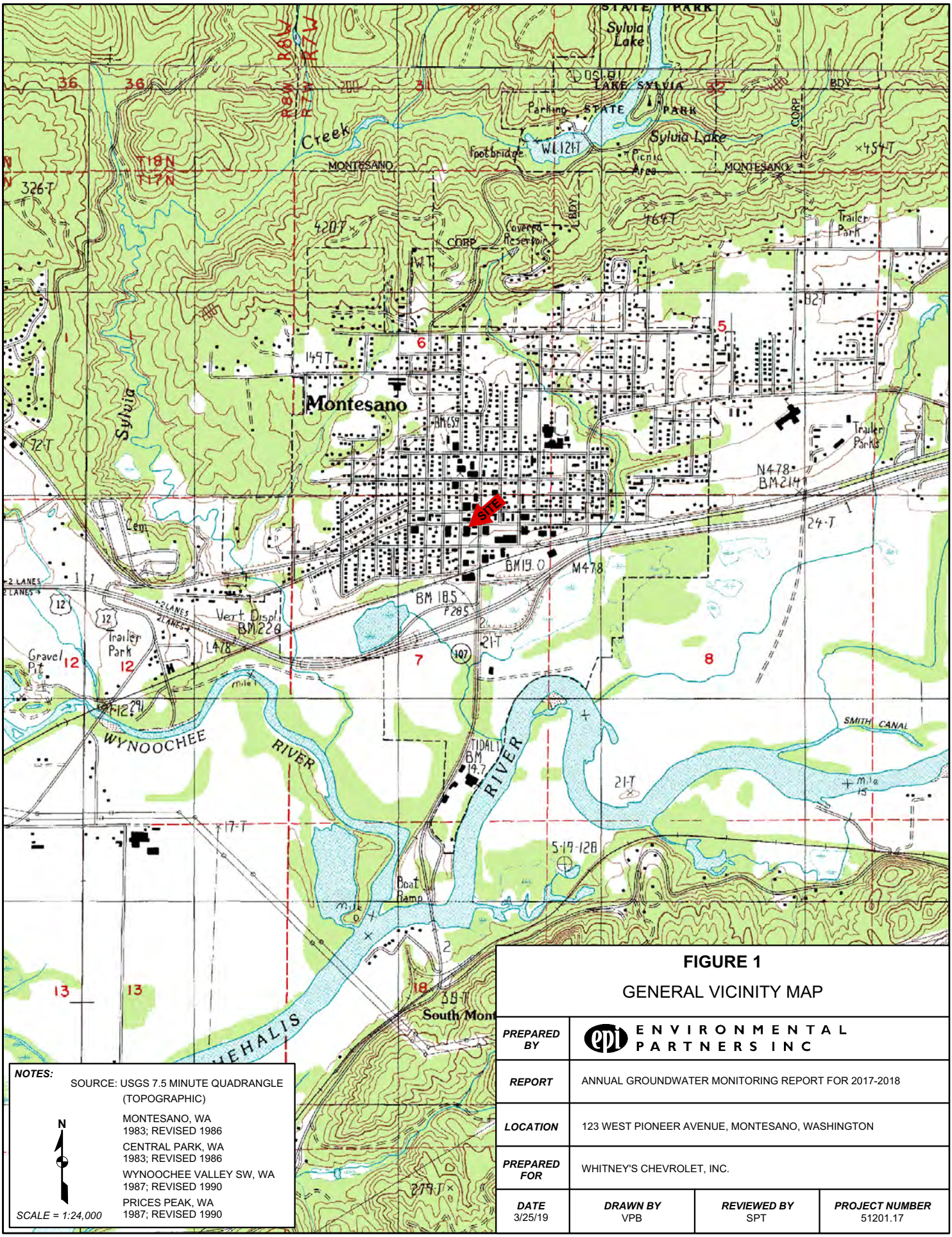
Date	Field Inputs				Mass Removal			Vapor Control Efficiency			Vapor Control Efficiency PID Screening			
	SVE Run Time Since Last Event[a] (days)	System Flow Rate to Carbon[b] (scfm)	Influent GRPH Conc. to Carbon[c] (µg/L)	Effluent GRPH Conc.[d] (µg/L)	GRPH Removal Rate[e] (lbs/day)	GRPH Removed During 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	0.0	0.0	---	2.5	NM	4.3	---
12/20/17	21.00	180	2.5[i]	16.6	0.04	0.8	582.9	0.0	0.3	---	5.0	NM	2.0	---
01/17/18	27.90	184	1.66	51.0	0.03	0.8	583.7	0.0	0.8	---	5.0	NM	2.0	---
02/05/18	19.00	173	2.5[i]	NM	0.04	0.7	584.4	0.0	0.0	---	2.5	NM	4.3	---
03/14/18	33.88	160	2.5[i]	NM	0.04	1.2	585.6	0.04	0.0	---	6.4	NM	NM	---
04/26/18	42.95	160	2.5[i]	NM	0.04	1.5	587.2	0.04	0.0	---	52.2	NM	NM	---
05/24/18	28.05	155	12.0	NM	0.17	4.7	591.9	0.17	0.0	---	15.8	NM	NM	---
06/15/18	14.98	150	27.7	NM	0.37	5.6	597.5	0.37	0.0	---	62.8	NM	NM	---
07/13/18	27.99	224	39.40	NM	0.79	22.2	619.6	0.79	0.0	---	54.6	NM	NM	---
08/13/18	31.00	221	49.2	NM	0.98	30.3	649.9	0.98	0.0	---	328.9	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.

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



NOTES:

SOURCE: USGS 7.5 MINUTE QUADRANGLE (TOPOGRAPHIC)

MONTESANO, WA
1983; REVISED 1986

CENTRAL PARK, WA
1983; REVISED 1986

WYNOOCHEE VALLEY SW, WA
1987; REVISED 1990

PRICES PEAK, WA
1987; REVISED 1990

N

SCALE = 1:24,000

FIGURE 1

GENERAL VICINITY MAP

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 3/25/19	***DRAWN BY*** VPB	***REVIEWED BY*** SPT	***PROJECT NUMBER*** 51201.17

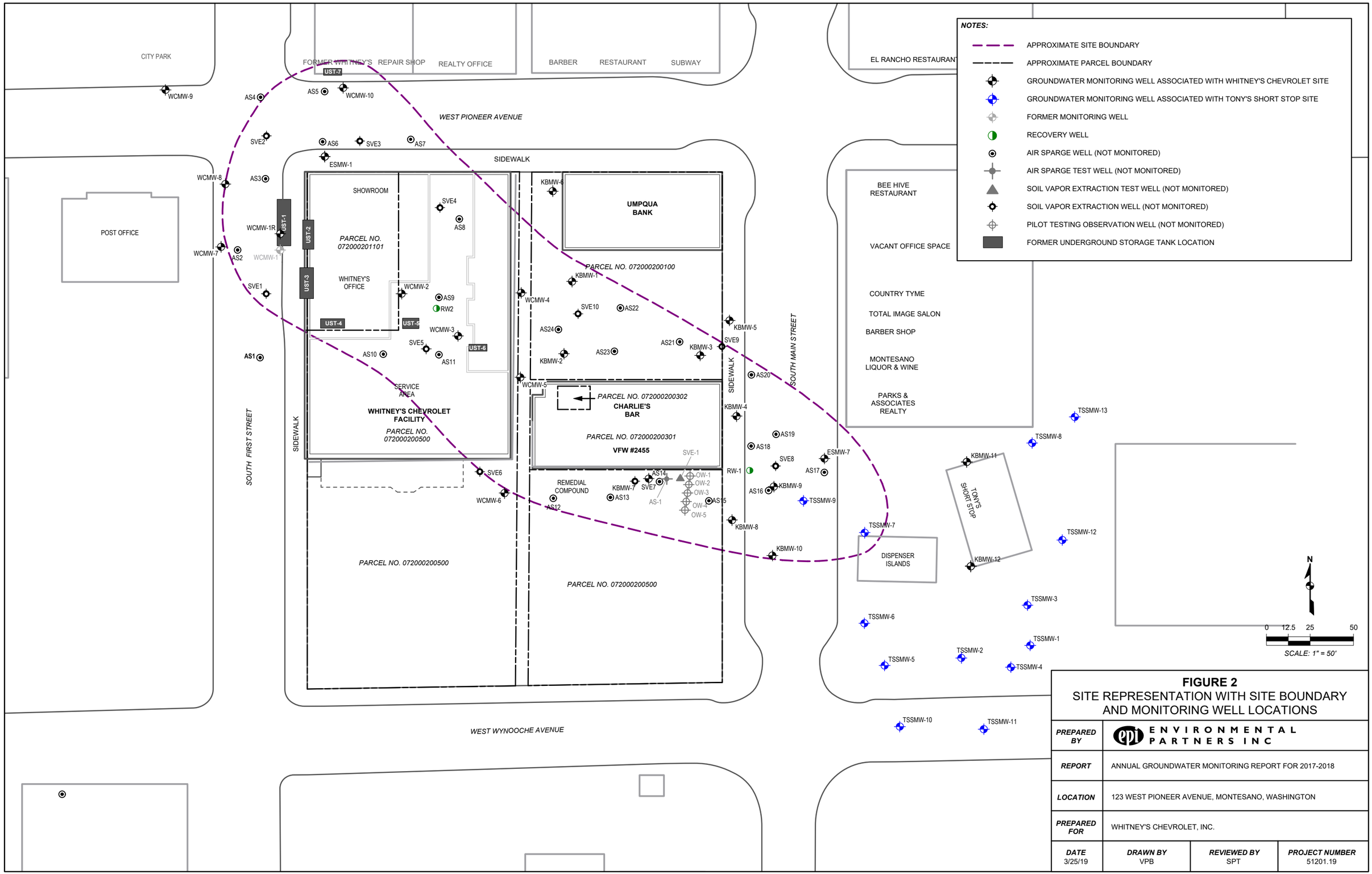


FIGURE 2
SITE REPRESENTATION WITH SITE BOUNDARY AND MONITORING WELL LOCATIONS

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 3/25/19	***DRAWN BY*** VPB	***REVIEWED BY*** SPT	***PROJECT NUMBER*** 51201.19

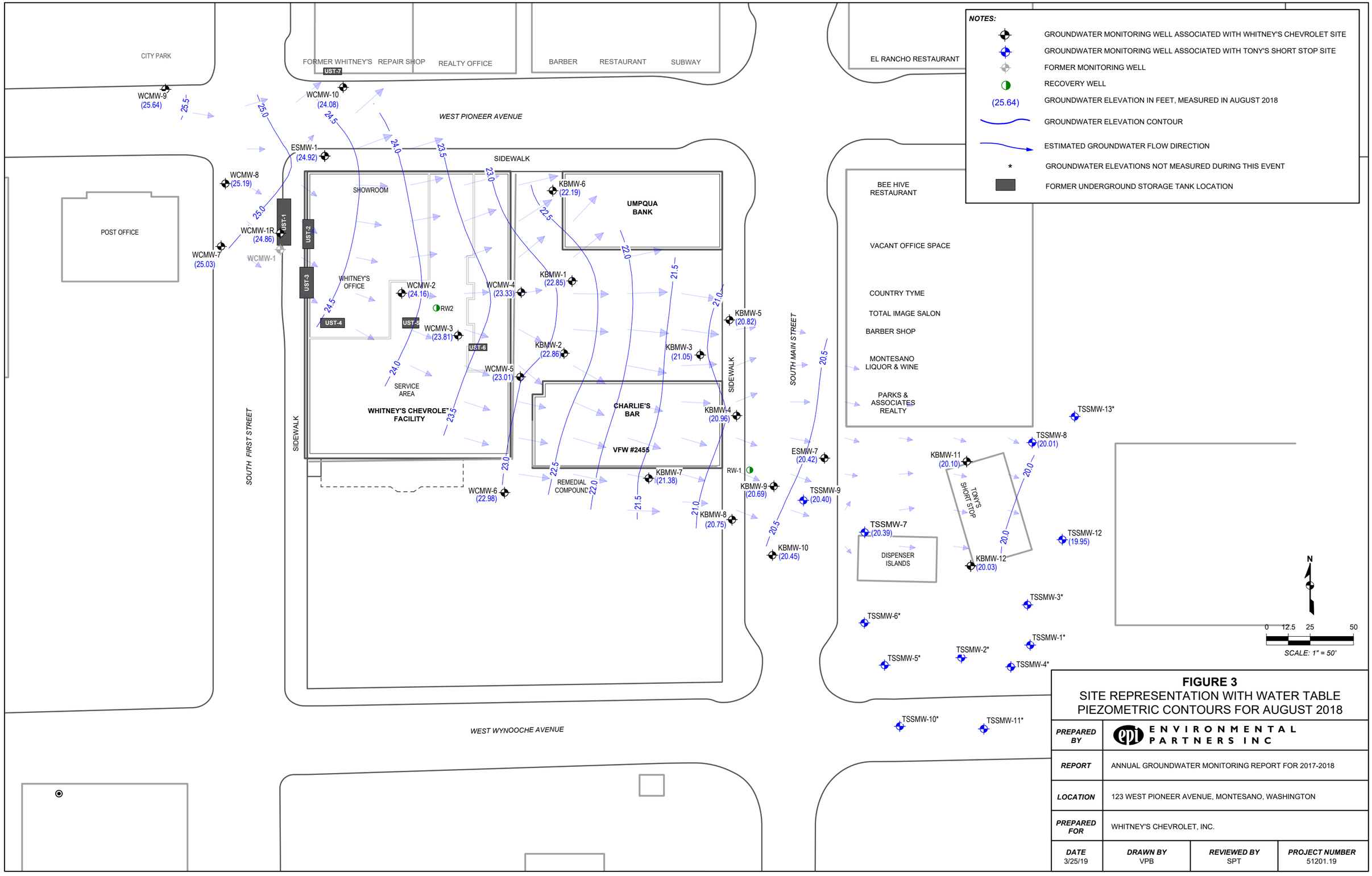
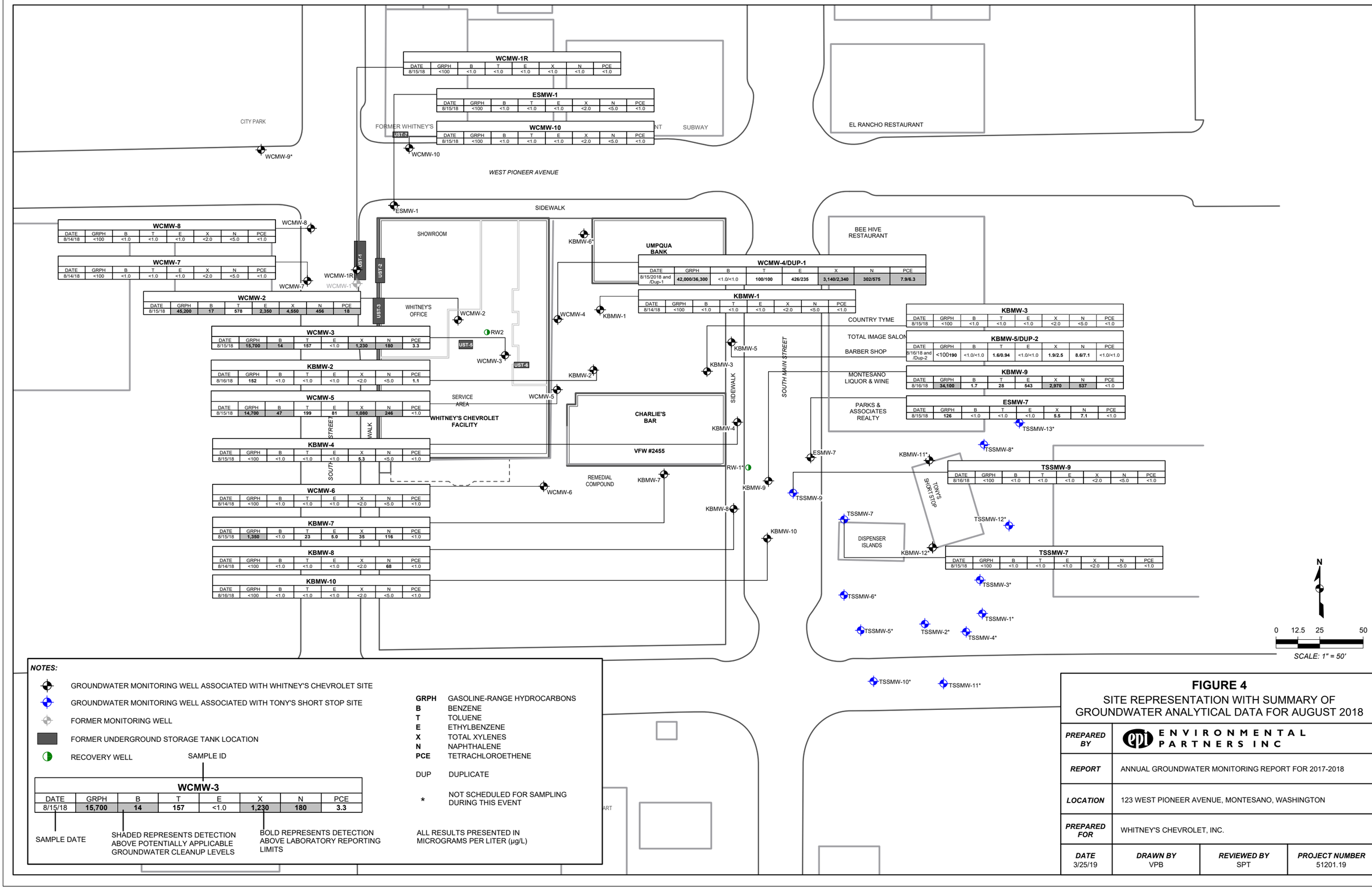


FIGURE 3
SITE REPRESENTATION WITH WATER TABLE PIEZOMETRIC CONTOURS FOR AUGUST 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 3/25/19	***DRAWN BY*** VPB	***REVIEWED BY*** SPT	***PROJECT NUMBER*** 51201.19



NOTES:

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

SAMPLE ID

WCMW-3

DATE	GRPH	B	T	E	X	N	PCE
8/15/18	**15,700**	**14**	**157**	<1.0	**1,230**	**180**	**3.3**

SAMPLE DATE

SHADED REPRESENTS DETECTION ABOVE POTENTIALLY APPLICABLE GROUNDWATER CLEANUP LEVELS

BOLD REPRESENTS DETECTION ABOVE LABORATORY REPORTING LIMITS

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

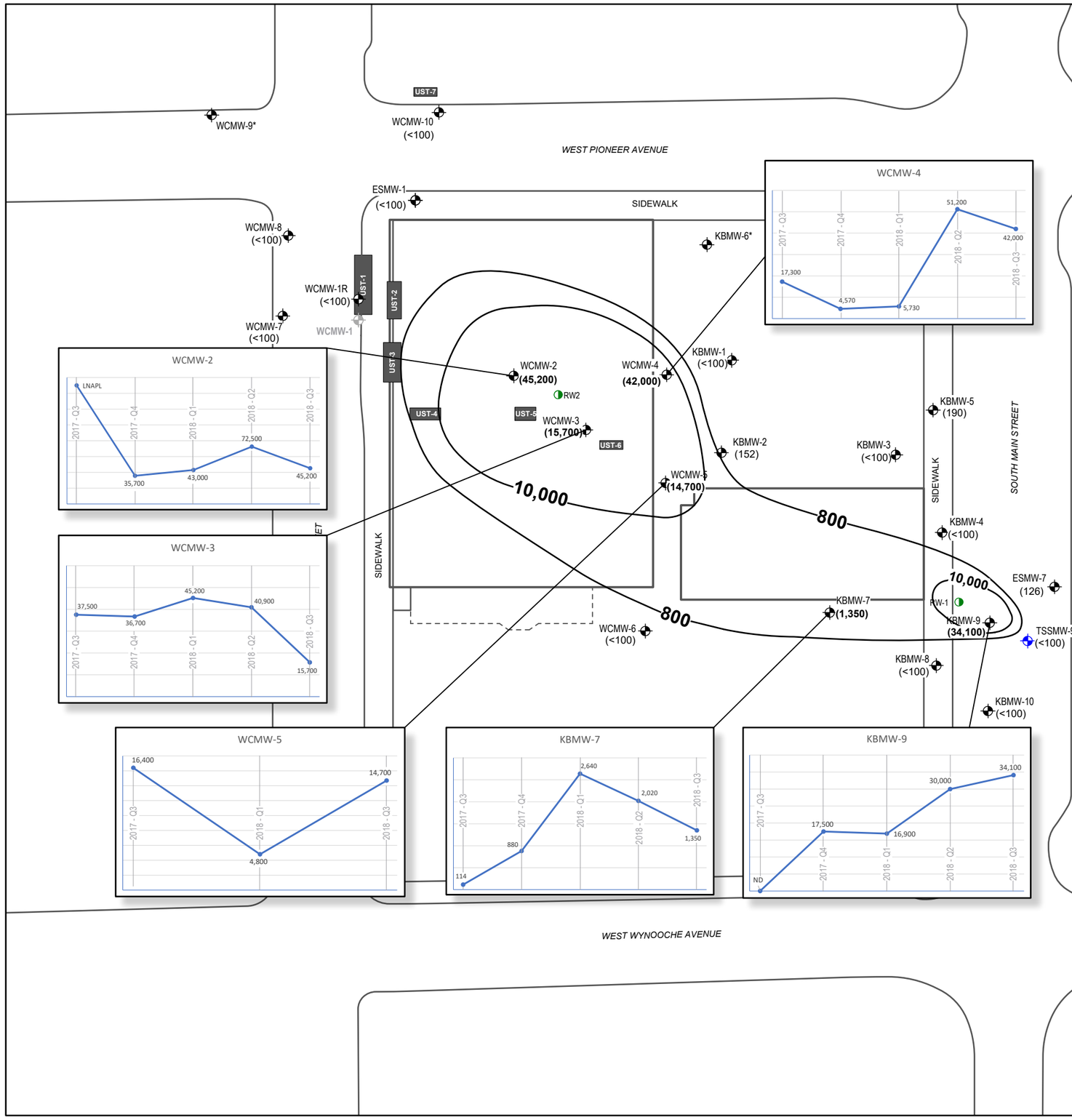
ALL RESULTS PRESENTED IN MICROGRAMS PER LITER (µg/L)

FIGURE 4

SITE REPRESENTATION WITH SUMMARY OF GROUNDWATER ANALYTICAL DATA FOR AUGUST 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR	WHITNEY'S CHEVROLET, INC.

DATE	***DRAWN BY***	***REVIEWED BY***	***PROJECT NUMBER***
3/25/19	VPB	SPT	51201.19



NOTES:

- GROUNDWATER MONITORING WELL ASSOCIATED WITH WHITNEY'S CHEVROLET SITE
- GROUNDWATER MONITORING WELL ASSOCIATED WITH TONY'S SHORT STOP SITE
- FORMER MONITORING WELL
- RECOVERY WELL
- FORMER UNDERGROUND STORAGE TANK LOCATION
- **(1,170)** GASOLINE-RANGE PETROLEUM HYDROCARBONS (GRPH) CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L), AUGUST 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

GRAPH OF GRPH OVER TIME WCMW-2

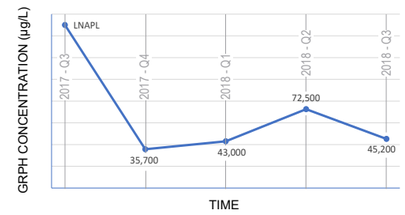


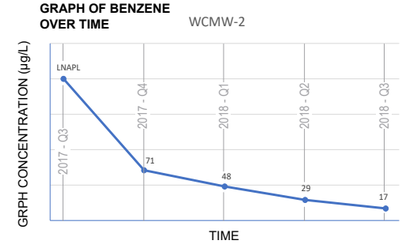
FIGURE 5
GRPH ISOCONCENTRATION CONTOURS
AUGUST 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 3/25/19	***DRAWN BY*** VPB	***REVIEWED BY*** SPT	***PROJECT NUMBER*** 51201.19

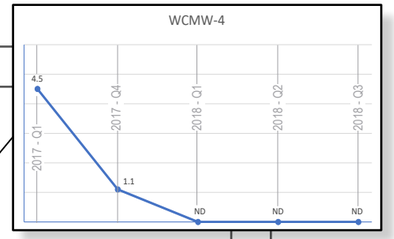
NOTES:

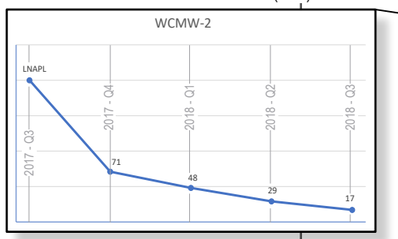
- GROUNDWATER MONITORING WELL ASSOCIATED WITH WHITNEY'S CHEVROLET SITE
- GROUNDWATER MONITORING WELL ASSOCIATED WITH TONY'S SHORT STOP SITE
- FORMER MONITORING WELL
- RECOVERY WELL
- FORMER UNDERGROUND STORAGE TANK LOCATION
- **(16)** BENZENE CONCENTRATION IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L), AUGUST 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

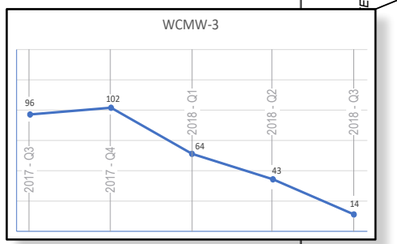
GRAPH OF BENZENE OVER TIME

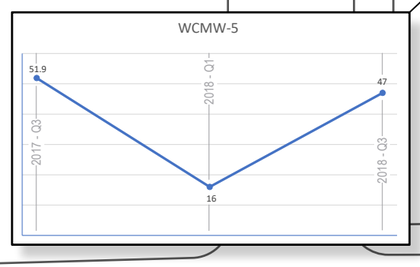


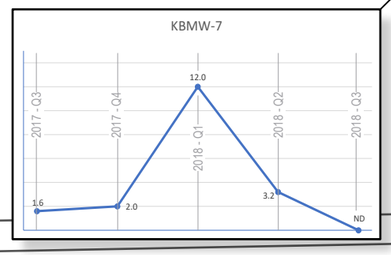
WCMW-9*
WCMW-10 (<1.0)
UST-7
WEST PIONEER AVENUE
ESMW-1 (<1.0)
SIDEWALK
WCMW-8 (<1.0)
SHOWROOM
KBMW-6*
WCMW-1R (<1.0)
UST-1
UST-2
UST-3
WCMW-1
WCMW-7 (<1.0)
WHITNEY'S OFFICE
WCMW-2 (17)
RW2
WCMW-4 (<1.0)
KBMW-1 (<1.0)
UST-4
UST-5
WCMW-3 (14)
UST-6
KBMW-5 (<1.0)
KBMW-2 (<1.0)
KBMW-3 (<1.0)
SOUTH MAIN STREET
WCMW-5 (47)
SERVICE AREA
WHITNEY'S CHEVROLET FACILITY
CHARLIE'S BAR
SIDEWALK
KBMW-4 (<1.0)
VFW #2455
REMEDIAL COMPOUND
KBMW-7 (<1.0)
RW-1
WCMW-6 (<1.0)
KBMW-9 (1.7)
TSSMW-9 (<1.0)
KBMW-8 (<1.0)
KBMW-10 (<1.0)
ESMW-7 (<1.0)
KBMW-11*
TSSMW-13*
TSSMW-8*
TSSMW-7 (<1.0)
TSSMW-12*
KBMW-12*
TSSMW-3*
TSSMW-6*
TSSMW-1*
TSSMW-2*
TSSMW-5*
TSSMW-4*
TSSMW-10*
TSSMW-11*
WEST WYNOOCHE AVENUE

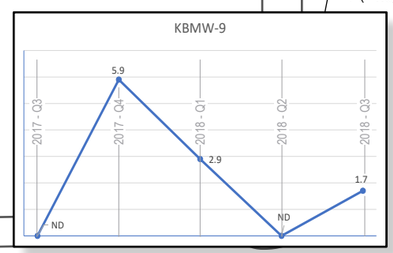












N

0 12.5 25 50

SCALE: 1" = 50'

FIGURE 6
BENZENE ISOCONCENTRATION CONTOURS
AUGUST 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 3/25/19	***DRAWN BY*** VPB	***REVIEWED BY*** SPT	***PROJECT NUMBER*** 51201.19

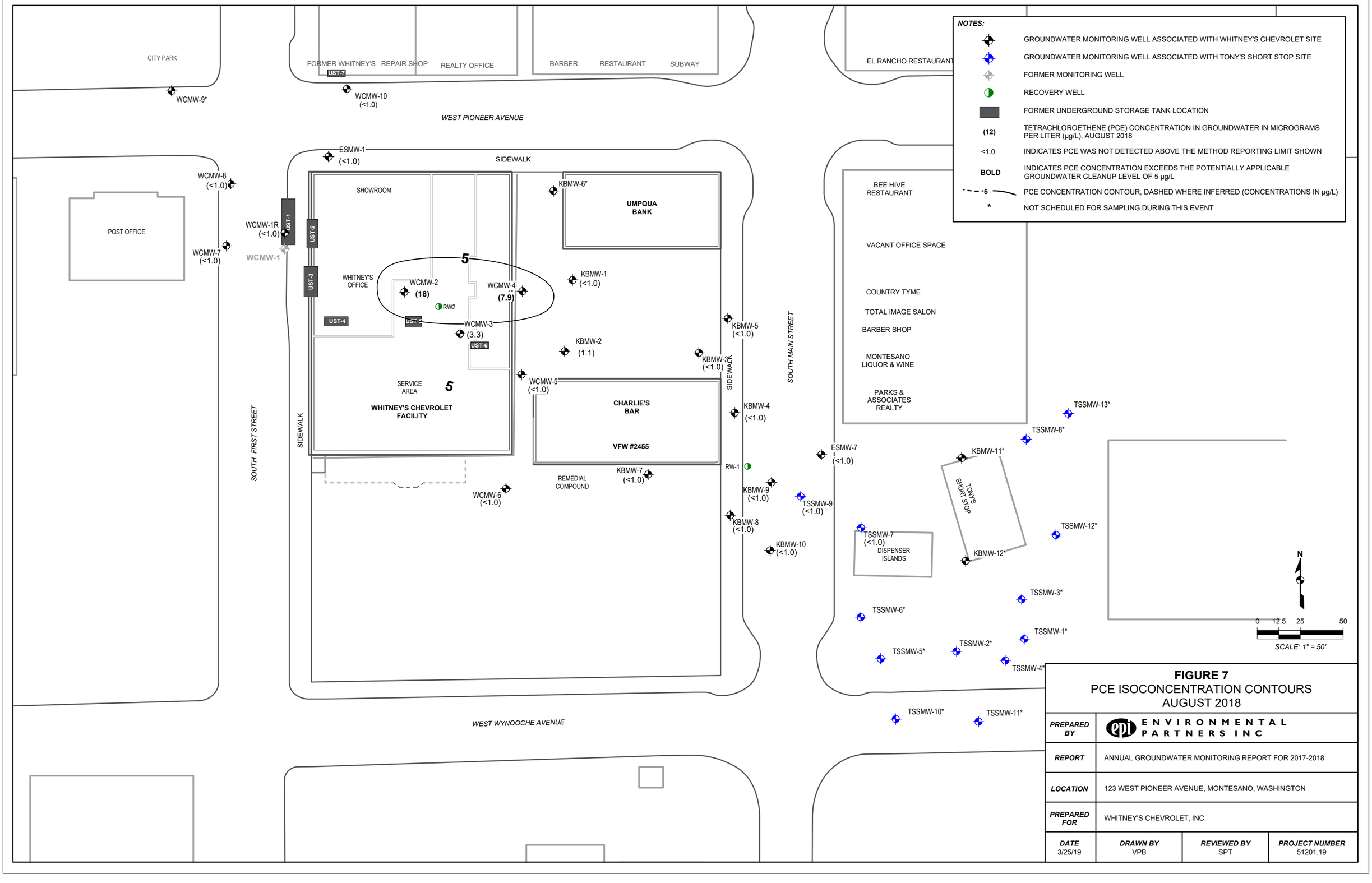
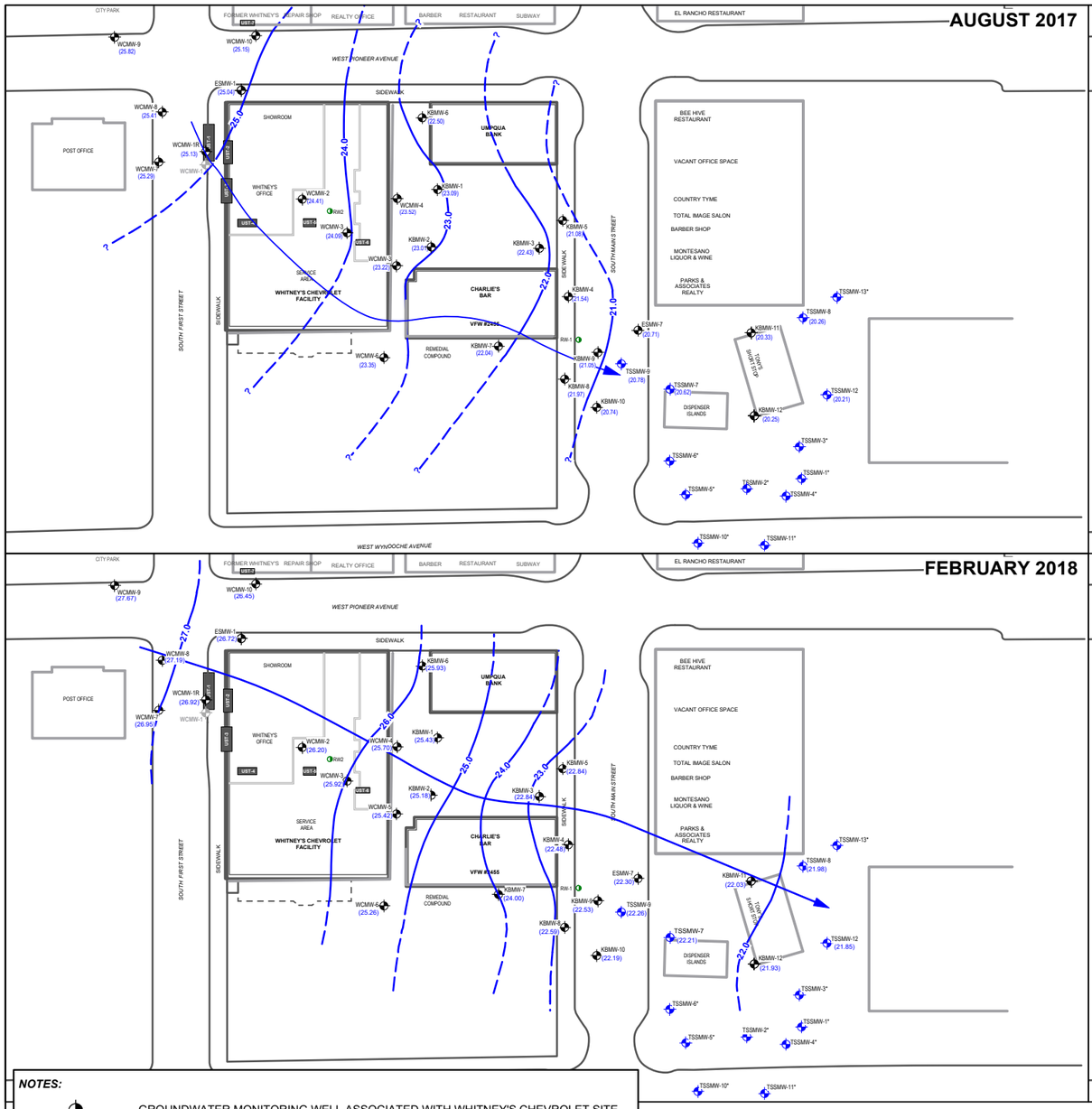
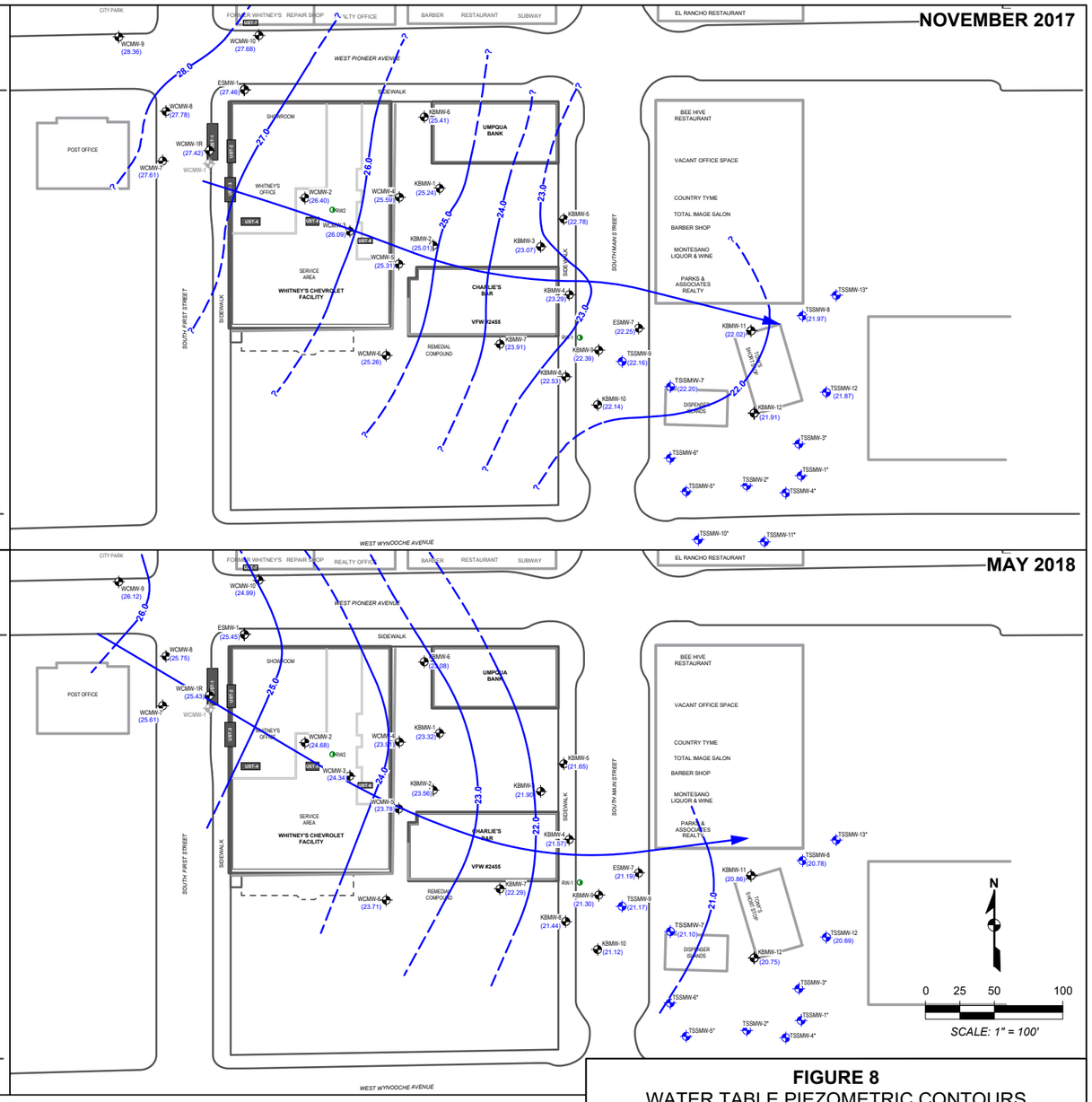


FIGURE 7
PCE ISOCONCENTRATION CONTOURS
AUGUST 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 3/25/19	**DRAWN BY** VPB	**REVIEWED BY** SPT	**PROJECT NUMBER** 51201.19



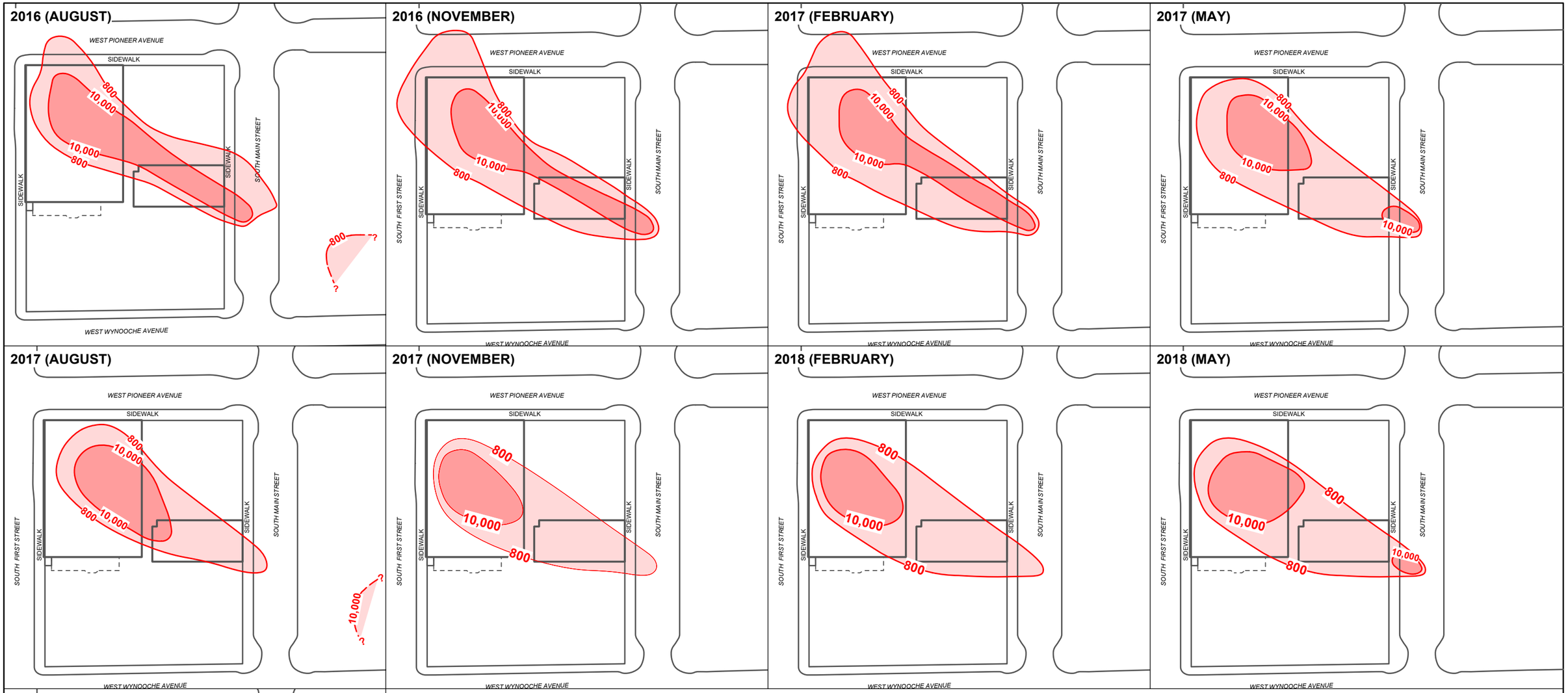


NOTES:

- GROUNDWATER MONITORING WELL ASSOCIATED WITH WHITNEY'S CHEVROLET SITE
- GROUNDWATER MONITORING WELL ASSOCIATED WITH TONY'S SHORT STOP SITE
- FORMER MONITORING WELL
- RECOVERY WELL
- (21.65) GROUNDWATER ELEVATION IN FEET
- GROUNDWATER ELEVATION CONTOUR, DASHED WHERE INFERRED
- ESTIMATED GROUNDWATER FLOW DIRECTION
- * GROUNDWATER ELEVATIONS NOT MEASURED DURING THIS EVENT
- FORMER UNDERGROUND STORAGE TANK LOCATION

FIGURE 8
WATER TABLE PIEZOMETRIC CONTOURS AUGUST 2017 - MAY 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 3/25/19	**DRAWN BY** VPB	**REVIEWED BY** SPT	**PROJECT NUMBER** 51201.19



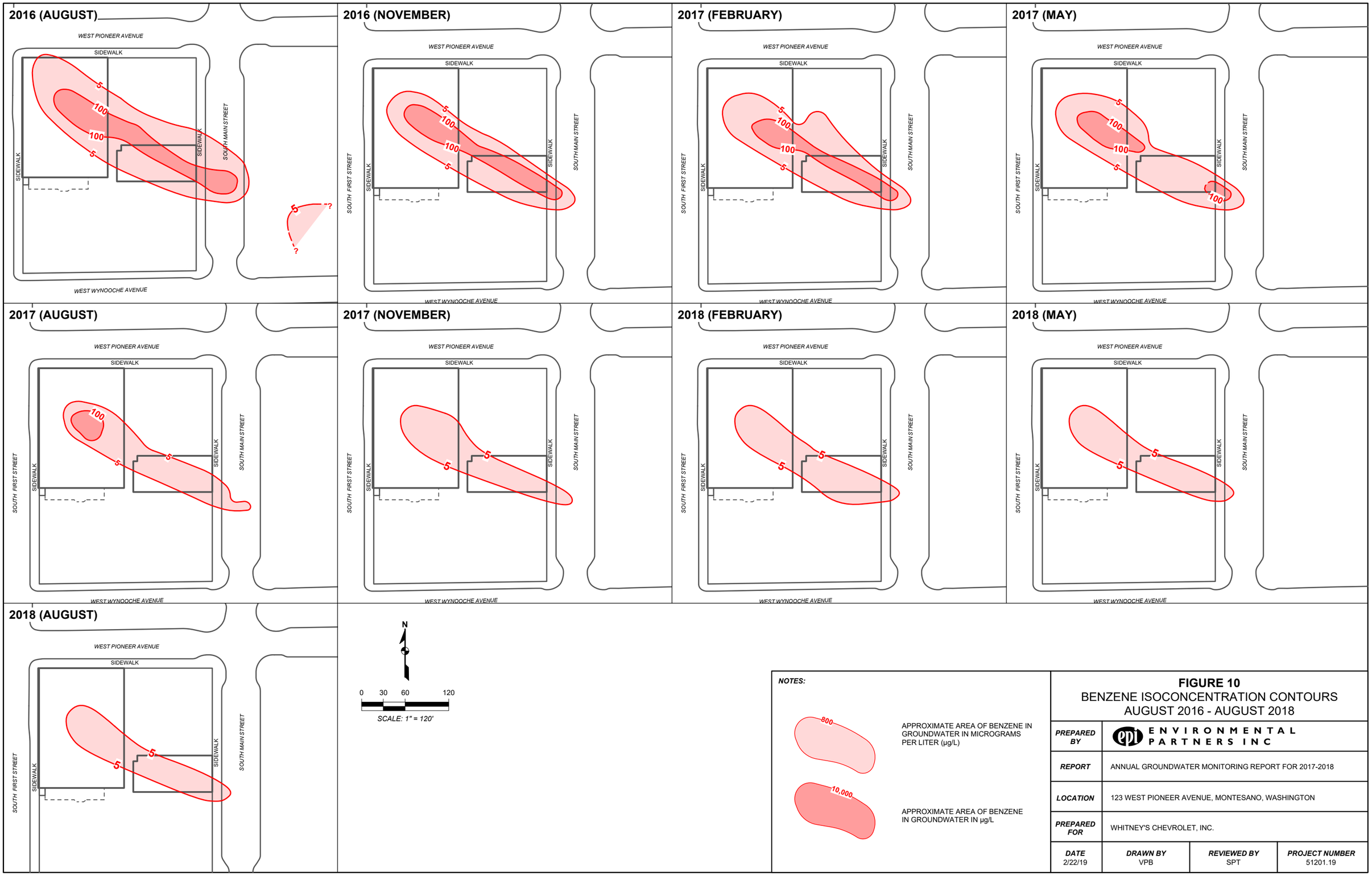
NOTES:

800 — APPROXIMATE AREA OF GASOLINE-RANGE PETROLEUM HYDROCARBONS (GRPH) IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)

10,000 — APPROXIMATE AREA OF GRPH IN GROUNDWATER µg/L

FIGURE 9
GRPH ISOCONCENTRATION CONTOURS AUGUST 2016 - AUGUST 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 3/25/19	**DRAWN BY** VPB	**REVIEWED BY** SPT	**PROJECT NUMBER** 51201.19



NOTES:

800 — APPROXIMATE AREA OF BENZENE IN GROUNDWATER IN MICROGRAMS PER LITER (µg/L)

10,000 — APPROXIMATE AREA OF BENZENE IN GROUNDWATER IN µg/L

FIGURE 10
BENZENE ISOCONCENTRATION CONTOURS AUGUST 2016 - AUGUST 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON
PREPARED FOR	WHITNEY'S CHEVROLET, INC.

DATE	DRAWN BY	REVIEWED BY	PROJECT NUMBER
2/22/19	VPB	SPT	51201.19

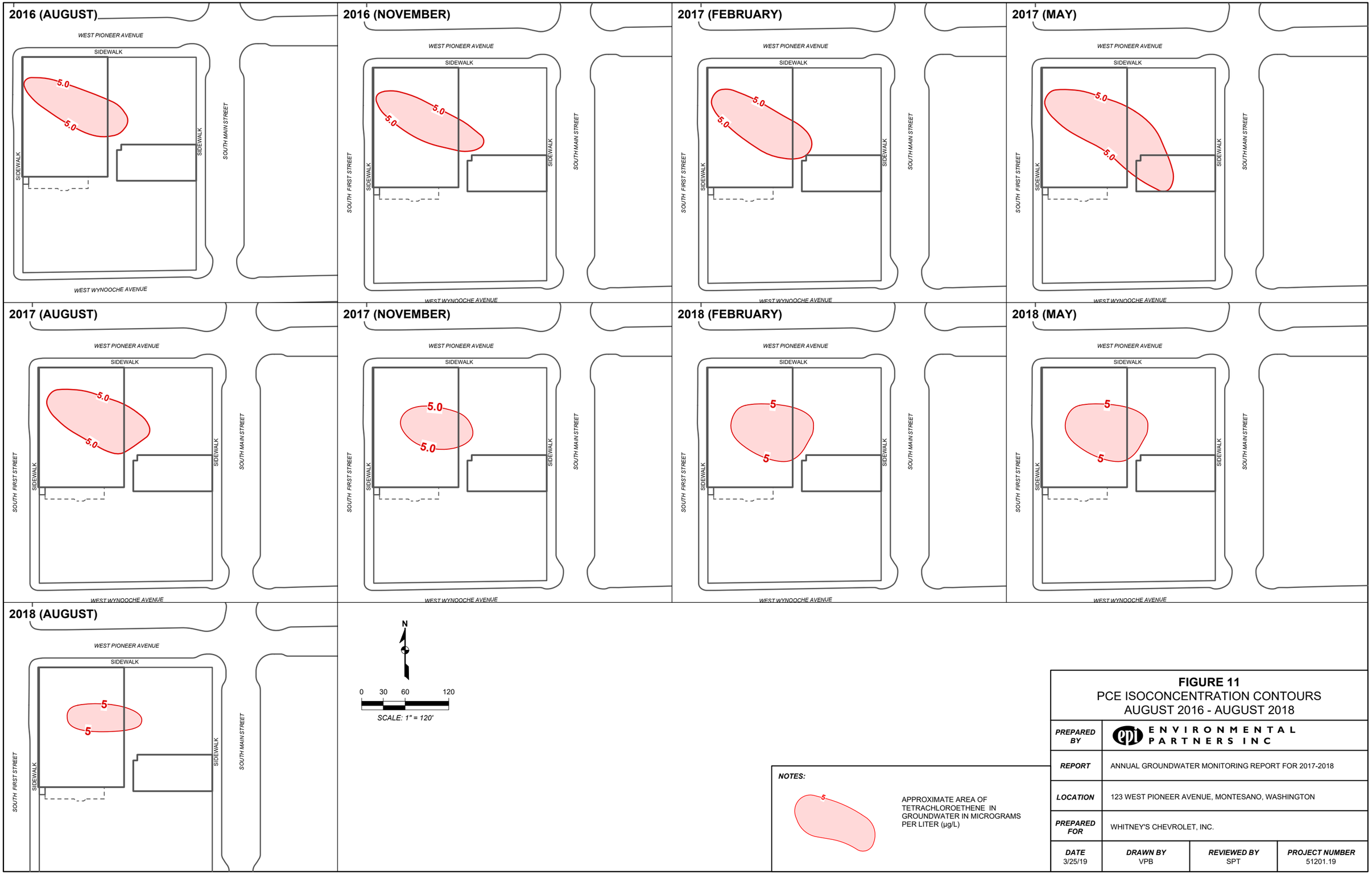


FIGURE 11
PCE ISOCONCENTRATION CONTOURS
AUGUST 2016 - AUGUST 2018

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 3/25/19	**DRAWN BY** VPB	**REVIEWED BY** SPT	**PROJECT NUMBER** 51201.19

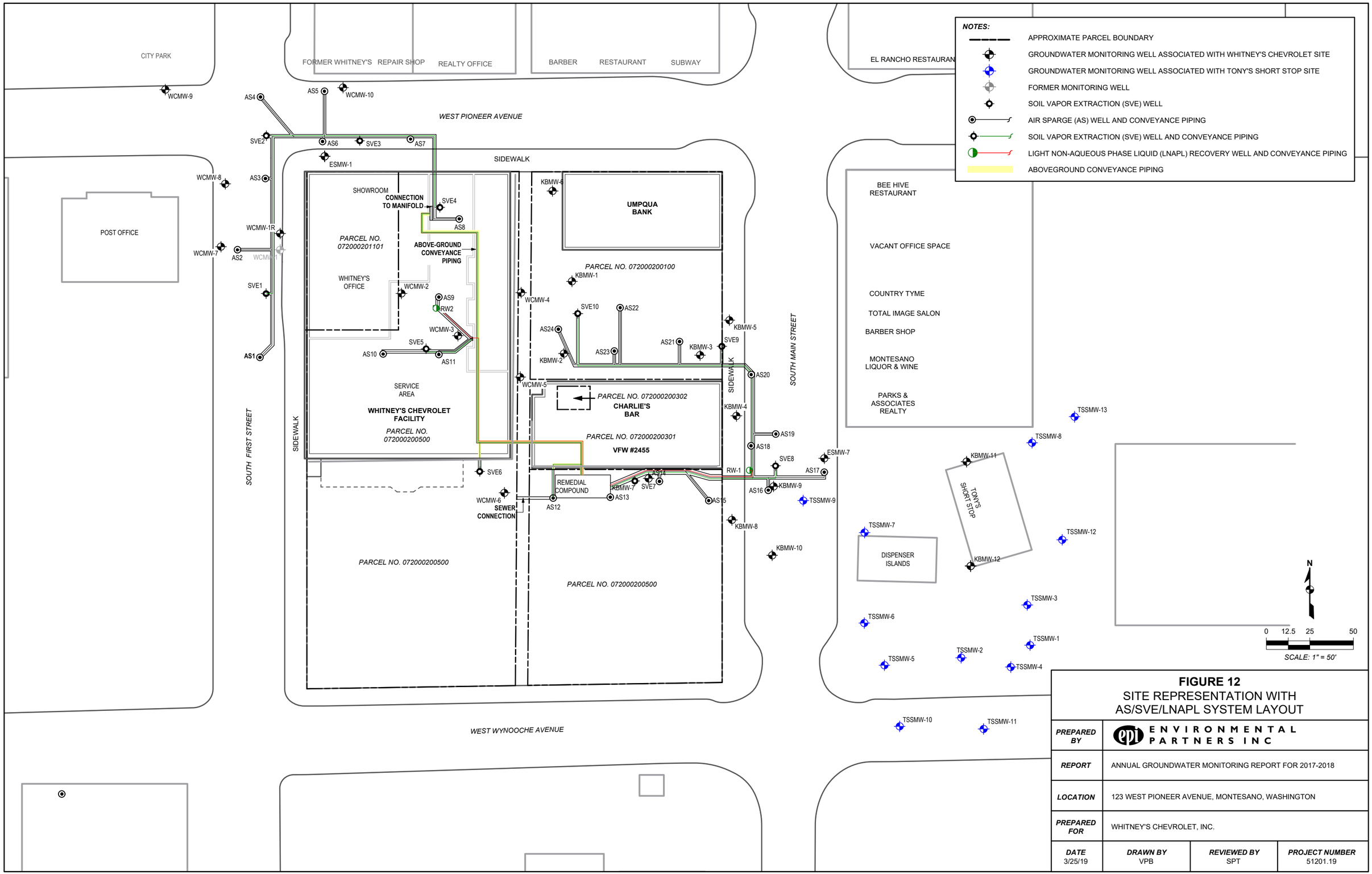


FIGURE 12
SITE REPRESENTATION WITH
AS/SVE/LNAPL SYSTEM LAYOUT

PREPARED BY	ENVIRONMENTAL PARTNERS INC		
REPORT	ANNUAL GROUNDWATER MONITORING REPORT FOR 2017-2018		
LOCATION	123 WEST PIONEER AVENUE, MONTESANO, WASHINGTON		
PREPARED FOR	WHITNEY'S CHEVROLET, INC.		
DATE 3/25/19	***DRAWN BY*** VPB	***REVIEWED BY*** SPT	***PROJECT NUMBER*** 51201.19

Attachment A
Laboratory Analytical Data Reports for Groundwater

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

August 22, 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.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 08/14/18 Page: 1 of 2

Client: EPI

Project Manager: SEAN TRIMBLE

Address: 1180 NW MAPLE ST. SUITE 310

Project Name: WHITNEY'S

City: ISSAQUAH State: WA Zip: 98027

Location: MONTESANO, WA City, State:

Phone: (425) 395-0010 Fax:

Collector: NH / ME Date of Collection: 08/14 - 8/16

Client Project # 51201

Email: sean@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	Vapthalene	PCB	Field Notes
1	KBMW-8		1248	WATER	3-40mL	X	X	X									X	X		8/14/18
2	WCMW-6		1315			X	X	X									X	X		
3	WCMW-7		1340			X	X	X									X	X		
4	WCMW-8		1405			X	X	X									X	X		
5	KBMW-1		1438			X	X	X									X	X		
6	LBMW-3		0829			X	X	X									X	X		8/15/18
7	WCMW-4		0913			X	X	X									X	X		
8	WCMW-10		0946			X	X	X									X	X		
9	WCMW-1R		1011			X	X	X									X	X		
10	DUP-1		—			X	X	X									X	X		
11	~~WCMW-1R~~ KBMW-7		1053			X	X	X									X	X		
12	ESMW-1		1122			X	X	X									X	X		
13	ESMW-7		1234			X	X	X									X	X		
14	WCMW-5		1307			X	X	X									X	X		
15	WCMW-3		~~1345~~	1338		X	X	X									X	X		
16	WCMW-2		1411			X	X	X									X	X		
17	TSSMW-7		1445			X	X	X									X	X		

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	8/14/18 1230	[signature]	8/16/18 12:30

Sample Receipt

Good Condition?	(Y) N
Temp.	9.8 °C
Seals Intact?	(Y) N N/A
Total Number of Containers	

Remarks: Same as 5/18 for VOC

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.

Chain of Custody Record

www.LibbyEnvironmental.com

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

Date: 8/14/18 Page: 2 of 2

Client: EPI

Project Manager: Sean Trimble

Address: 1180 NW Maple St, Suite 310

Project Name: Whitney's

City: Issaquah State: WA Zip: 98027

Location: Montesano, WA City, State:

Phone: (425) 395-0010 Fax:

Collector: NH/ME Date of Collection: 8/14 - 8/16

Client Project # 51201

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	Naphthalene PCE		Field Notes
1	KBMW-4		1511	Water	3-40 ml	X	X	X									X	X		8/15/18
2	KBMW-5		0726			X	X	X									X	X		8/16/18
3	DUP-2		—			X	X	X									X	X		
4	KBMW-10		0847			X	X	X									X	X		
5	KBMW-9		0820			X	X	X									X	X		
6	TSSMW-9		0918			X	X	X									X	X		
7	KBMW-2		1020	↓	↓	X	X	X									X	X		↓
8																				
9																				
10																				
11																				
12																				
13																				
14																				
15																				
16																				
17																				

Relinquished by:	Date / Time	Received by:	Date / Time
[signature]	8/16/18 1230	[signature]	8/16/18 12:30
Relinquished by:	Date / Time	Received by:	Date / Time
Relinquished by:	Date / Time	Received by:	Date / Time

Sample Receipt

Good Condition?	(Y)	N	
Temp.	9.8	°C	
Seals Intact?	(Y)	N	N/A
Total Number of Containers			

Remarks: Same as 5/18 for VOC

TAT: 24HR 48HR (5-DAY)

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 # L180816-1
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		Method Blank	Method Blank	KBMW-8	WCMW-6	WCMW-7	WCMW-8
Date Sampled	Reporting	N/A	N/A	8/14/18	8/14/18	8/14/18	8/14/18
Date Analyzed	Limits	8/19/18	8/20/18	8/20/18	8/20/18	8/20/18	8/20/18
	(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	0.5	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	nd	nd	nd	nd	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	nd	nd	nd	nd
Ethylbenzene	1.0	nd	nd	nd	nd	nd	nd
Total Xylenes	2.0	nd	nd	nd	nd	nd	nd
Naphthalenes	5.0	nd	nd	68	nd	nd	nd
Surrogate Recovery							
Dibromofluoromethane		113	112	114	119	114	118
1,2-Dichloroethane-d4		130	133	129	133	113	134
Toluene-d8		90	89	86	90	73	91
4-Bromofluorobenzene		96	75	97	77	100	74

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

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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 # L180816-1
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		KBMW-1	KBMW-3	KBMW-3 Dup	WCMW-4	WCMW-10	WCMW-1R
Date Sampled	Reporting	8/14/18	8/15/18	8/15/18	8/15/18	8/15/18	8/15/18
Date Analyzed	Limits	8/20/18	8/20/18	8/20/18	8/19/18	8/19/18	8/19/18
	(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	0.5	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	1.0	nd	nd	nd	5.7	nd	nd
Benzene	1.0	nd	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	15	nd	nd
Toluene	1.0	nd	nd	nd	100	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	nd	7.9	nd	nd
Ethylbenzene	1.0	nd	nd	nd	426	nd	nd
Total Xylenes	2.0	nd	nd	nd	3140	nd	nd
Naphthalenes	5.0	nd	nd	nd	302	nd	nd
Surrogate Recovery							
Dibromofluoromethane		119	120	98	120	117	115
1,2-Dichloroethane-d4		130	97	117	131	102	134
Toluene-d8		91	90	86	91	86	87
4-Bromofluorobenzene		80	89	99	90	93	93

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

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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 # L180816-1
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		DUP-1	KBMW-7	ESMW-1	ESMW-7	WCMW-5	WCMW-3
Date Sampled	Reporting	8/15/18	8/15/18	8/15/18	8/15/18	8/15/18	8/15/18
Date Analyzed	Limits	8/20/18	8/19/18	8/19/18	8/19/18	8/20/18	8/19/18
	(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	0.5	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	1.0	6.8	nd	nd	nd	6.3	nd
Benzene	1.0	nd	nd	nd	nd	47	14
Trichloroethene (TCE)	1.0	15	nd	nd	nd	nd	nd
Toluene	1.0	100	23	nd	nd	199	157
Tetrachloroethene (PCE)	1.0	6.3	nd	nd	nd	nd	3.3
Ethylbenzene	1.0	235	5.0	nd	nd	81	nd
Total Xylenes	2.0	2340	35	nd	5.5	1080	1230
Naphthalenes	5.0	575	116	nd	7.1	246	180
Surrogate Recovery							
Dibromofluoromethane		107	122	118	119	119	116
1,2-Dichloroethane-d4		119	108	120	134	115	117
Toluene-d8		92	88	90	91	94	89
4-Bromofluorobenzene		93	96	96	91	86	89

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

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

ANALYSES PERFORMED BY: Kodey Eley

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180816-1
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		WCMW-2	TSSMW-7	TSSMW-7 Dup	KBMW-4	KBMW-5	DUP-2
Date Sampled	Reporting	8/15/18	8/15/18	8/15/18	8/15/18	8/16/18	8/16/18
Date Analyzed	Limits	8/19/18	8/19/18	8/19/18	8/19/18	8/20/18	8/20/18
	(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	0.5	nd	nd	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	5.0	nd	nd	nd	nd	nd	nd
trans -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
cis -1,2-Dichloroethene	1.0	nd	nd	nd	nd	nd	nd
Benzene	1.0	17	nd	nd	nd	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd	nd	nd
Toluene	1.0	578	nd	nd	nd	1.6	0.94 J
Tetrachloroethene (PCE)	1.0	18	nd	nd	nd	nd	nd
Ethylbenzene	1.0	2330	nd	nd	nd	nd	nd
Total Xylenes	2.0	4550	nd	nd	5.3	1.9 J	2.5
Naphthalenes	5.0	456	nd	nd	nd	8.6	7.1
Surrogate Recovery							
Dibromofluoromethane		117	113	119	108	114	114
1,2-Dichloroethane-d4		112	121	131	111	109	135
Toluene-d8		92	90	88	91	91	91
4-Bromofluorobenzene		90	94	92	93	96	94

"J" Analyte was positively identified. The reported result is an estimate.
"nd" Indicates not detected at listed detection limit.
"int" Indicates that interference prevents determination.

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

ANALYSES PERFORMED BY: Kodey Eley

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180816-1
Client Project # 51201

Volatile Organic Compounds by EPA Method 8260C in Water

Sample Description		KBMW-10	KBMW-9	TSSMW-9	KBMW-2
Date Sampled	Reporting	8/16/18	8/16/18	8/16/18	8/16/18
Date Analyzed	Limits	8/20/18	8/19/18	8/19/18	8/19/18
	(µg/L)	(µg/L)	(µg/L)	(µg/L)	(µg/L)
Vinyl chloride	0.2	nd	nd	nd	nd
1,1-Dichloroethene	0.5	nd	nd	nd	nd
Methyl *tert*- Butyl Ether (MTBE)	5.0	nd	nd	nd	nd
trans -1,2-Dichloroethene	1.0	nd	nd	nd	nd
cis -1,2-Dichloroethene	1.0	nd	nd	nd	nd
Benzene	1.0	nd	1.7	nd	nd
Trichloroethene (TCE)	1.0	nd	nd	nd	nd
Toluene	1.0	nd	28	nd	nd
Tetrachloroethene (PCE)	1.0	nd	nd	nd	1.1
Ethylbenzene	1.0	nd	543	nd	nd
Total Xylenes	2.0	nd	2970	nd	nd
Naphthalenes	5.0	nd	537	nd	nd
Surrogate Recovery					
Dibromofluoromethane		119	117	113	117
1,2-Dichloroethane-d4		109	121	112	127
Toluene-d8		91	90	91	88
4-Bromofluorobenzene		96	88	94	97

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

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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Olympia, WA 98506
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FAX: (360) 352-4154
Email: libbyenv@aol.com

WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180816-1
Client Project # 51201

QA/QC Data - EPA 8260C Analyses

Sample Identification: ESMW-1							
	Matrix Spike			Matrix Spike Duplicate			RPD
	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)	(%)
1,1-Dichloroethene	10	8.8	88	10	7.9	79	10.8
Benzene	10	10.8	108	10	9.7	97	10.7
Toluene	10	12.9	129	10	12.9	129	0.0
Chlorobenzene	10	9.9	99	10	10.2	102	3.0
Trichloroethene (TCE)	10	10.1	101	10	8.9	89	12.6

Surrogate Recovery		
Dibromofluoromethane	114	104
1,2-Dichloroethane-d4	115	134
Toluene-d8	89	78
4-Bromofluorobenzene	90	89

Laboratory Control Sample			
	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)
1,1-Dichloroethene	10	8.9	89
Benzene	10	10.1	101
Toluene	10	9.3	93
Chlorobenzene	10	9.5	95
Trichloroethene (TCE)	10	9.4	94

Surrogate Recovery	
Dibromofluoromethane	114
1,2-Dichloroethane-d4	129
Toluene-d8	94
4-Bromofluorobenzene	97

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

ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180816-1
Client Project # 51201

QA/QC Data - EPA 8260C Analyses

Sample Identification: ESMW-1							
	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	10.5	105	10	8.8	88	17.6
Benzene	10	12.0	120	10	11.4	114	5.1
Toluene	10	8.8	88	10	10.0	100	12.8
Chlorobenzene	10	10.7	107	10	10.1	101	5.8
Trichloroethene (TCE)	10	11.2	112	10	10.5	105	6.5

Surrogate Recovery		
Dibromofluoromethane	111	122
1,2-Dichloroethane-d4	105	119
Toluene-d8	80	90
4-Bromofluorobenzene	99	95

Laboratory Control Sample			
	Spiked Conc. (µg/L)	Measured Conc. (µg/L)	Spike Recovery (%)
1,1-Dichloroethene	10	10.0	100
Benzene	10	11.2	112
Toluene	10	9.8	98
Chlorobenzene	10	10.2	102
Trichloroethene (TCE)	10	10.5	105

Surrogate Recovery	
Dibromofluoromethane	117
1,2-Dichloroethane-d4	119
Toluene-d8	92
4-Bromofluorobenzene	80

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

ANALYSES PERFORMED BY: Kodey Eley

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WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180816-1
Client Project # 51201

Analyses of Gasoline (NWTPH-Gx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (µg/L)
Method Blank	8/19/18	89	nd
Method Blank	8/20/18	86	nd
KBMW-8	8/20/18	86	nd
WCMW-6	8/20/18	90	nd
WCMW-7	8/20/18	73	nd
WCMW-8	8/20/18	91	nd
KBMW-1	8/20/18	91	nd
KBMW-3	8/20/18	90	nd
WCMW-4	8/19/18	91	42000
WCMW-10	8/19/18	86	nd
WCMW-1R	8/19/18	87	nd
DUP-1	8/20/18	94	36300 E
KBMW-7	8/19/18	88	1350
ESMW-1	8/19/18	90	nd
ESMW-7	8/19/18	91	126
WCMW-5	8/20/18	94	14700
WCMW-3	8/19/18	89	15700
WCMW-2	8/19/18	92	45200
TSSMW-7	8/19/18	90	nd
TSSMW-7 Dup	8/19/18	88	nd
Practical Quantitation Limit			100

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

ACCEPTABLE RECOVERY LIMITS FOR SURROGATE (Toluene-d8): 65% TO 135%
ANALYSES PERFORMED BY: Kodey Eley

Libby Environmental, Inc.

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

WHITNEY'S CHEVROLET PROJECT
Environmental Parnters, Inc.
Montesano, Washington
Libby Project # L180816-1
Client Project # 51201

Analyses of Gasoline (NWTPH-Gx) in Water

Sample Number	Date Analyzed	Surrogate Recovery (%)	Gasoline (µg/L)
KBMW-4	8/19/18	91	nd
KBMW-5	8/20/18	91	nd
DUP-2	8/20/18	91	190
KBMW-10	8/20/18	91	nd
KBMW-9	8/19/18	90	34100
TSSMW-9	8/19/18	91	nd
KBMW-2	8/19/18	88	152
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: 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 # L180816-1
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)	2.9 °C					
8. Temperature of sample(s) (0°C to 8°C recommended)	9.8 °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: 1806188

June 22, 2018

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 6/15/2018 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: *06/22/2018*

CLIENT: Environmental Partners, Inc.
Project: Whitney's
Work Order: 1806188

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1806188-001	INF-0615	06/15/2018 11:30 AM	06/15/2018 1:17 PM

Case Narrative

WO#: **1806188**
Date: **6/22/2018**

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 to ppmv should be considered an estimate, the moelcular 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:** 6/15/2018 11:30:00 AM
Project: Whitney's
Lab ID: 1806188-001 **Matrix:** Air
Client Sample ID: **INF-0615**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 20998		Analyst: TN
Dichlorodifluoromethane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Chloromethane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Vinyl chloride	ND	0.0200		µg/L	1	6/18/2018 10:03:48 AM
Bromomethane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Chloroethane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,1-Dichloroethene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Methylene chloride	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,1-Dichloroethane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
2,2-Dichloropropane	ND	0.200		µg/L	1	6/18/2018 10:03:48 AM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Chloroform	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,1-Dichloropropene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Carbon tetrachloride	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Benzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Trichloroethene (TCE)	ND	0.0500		µg/L	1	6/18/2018 10:03:48 AM
1,2-Dichloropropane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Bromodichloromethane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Dibromomethane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Toluene	ND	0.100	H	µg/L	1	6/20/2018 3:06:22 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,3-Dichloropropane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Dibromochloromethane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	6/18/2018 10:03:48 AM
Chlorobenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Ethylbenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
m,p-Xylene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
o-Xylene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Styrene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Isopropylbenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Bromoform	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM

Analytical Report

Work Order: **1806188**
Date Reported: **6/22/2018**

Client: Environmental Partners, Inc. **Collection Date:** 6/15/2018 11:30:00 AM
Project: Whitney's
Lab ID: 1806188-001 **Matrix:** Air
Client Sample ID: **INF-0615**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 20998		Analyst: TN
1,1,2,2-Tetrachloroethane	ND	0.100	Q	µg/L	1	6/18/2018 10:03:48 AM
n-Propylbenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
Bromobenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,3,5-Trimethylbenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
2-Chlorotoluene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
4-Chlorotoluene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
tert-Butylbenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,2,3-Trichloropropane	ND	0.100	Q	µg/L	1	6/18/2018 10:03:48 AM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	6/18/2018 10:03:48 AM
sec-Butylbenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
4-Isopropyltoluene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
n-Butylbenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	6/18/2018 10:03:48 AM
1,2,4-Trimethylbenzene	0.139	0.100		µg/L	1	6/18/2018 10:03:48 AM
Hexachlorobutadiene	ND	0.400		µg/L	1	6/18/2018 10:03:48 AM
Naphthalene	ND	0.100	Q	µg/L	1	6/18/2018 10:03:48 AM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	6/18/2018 10:03:48 AM
Surr: Dibromofluoromethane	101	56.4 - 141		%Rec	1	6/18/2018 10:03:48 AM
Surr: Toluene-d8	104	66 - 138		%Rec	1	6/18/2018 10:03:48 AM
Surr: 1-Bromo-4-fluorobenzene-BFB	100	64.7 - 128		%Rec	1	6/18/2018 10:03:48 AM

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: 20998		Analyst: TN
Gasoline	6.77	1.22	H	ppmv	1	6/20/2018 3:06:22 PM
Gasoline	27.7	5.00	H	µg/L	1	6/20/2018 3:06:22 PM
Surr: 4-Bromofluorobenzene	102	65 - 135		%Rec	1	6/18/2018 10:03:48 AM
Surr: Toluene-d8	99.3	65 - 135		%Rec	1	6/18/2018 10:03:48 AM

Work Order: 1806188
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID	1806188-001AREP	SampType:	REP	Units:	µg/L	Prep Date:	6/18/2018	RunNo:	44142
Client ID:	INF-0615	Batch ID:	20998			Analysis Date:	6/18/2018	SeqNo:	854274

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	35.2	5.00						27.70	23.9	30	Q
Surr: 4-Bromofluorobenzene	2.55		2.500		102	65	135		0		
Surr: Toluene-d8	2.48		2.500		99.1	65	135		0		

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

Sample ID	LCS-20998	SampType:	LCS	Units:	µg/L	Prep Date:	6/18/2018	RunNo:	44142
Client ID:	LCSW	Batch ID:	20998			Analysis Date:	6/20/2018	SeqNo:	855030

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	62.0	5.00	50.00	0	124	65	135				
Surr: 4-Bromofluorobenzene	2.54		2.500		102	65	135				
Surr: Toluene-d8	2.48		2.500		99.1	65	135				

Sample ID	MB-20998	SampType:	MBLK	Units:	µg/L	Prep Date:	6/18/2018	RunNo:	44142
Client ID:	MBLKW	Batch ID:	20998			Analysis Date:	6/20/2018	SeqNo:	855031

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: 4-Bromofluorobenzene	2.42		2.500		97.0	65	135				
Surr: Toluene-d8	2.49		2.500		99.7	65	135				

Work Order: 1806188
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1806188-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **6/18/2018** RunNo: **44141**
Client ID: **INF-0615** Batch ID: **20998** Analysis Date: **6/18/2018** SeqNo: **854266**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	ND	0.100						0		30	
Chloromethane	ND	0.100						0		30	
Vinyl chloride	ND	0.0200						0		30	
Bromomethane	ND	0.100						0		30	
Trichlorofluoromethane (CFC-11)	ND	0.100						0		30	
Chloroethane	ND	0.100						0		30	
1,1-Dichloroethene	ND	0.100						0		30	
Methylene chloride	ND	0.100						0		30	
trans-1,2-Dichloroethene	ND	0.100						0		30	
Methyl tert-butyl ether (MTBE)	ND	0.100						0		30	
1,1-Dichloroethane	ND	0.100						0		30	
2,2-Dichloropropane	ND	0.200						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	ND	0.0500						0		30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	0.520	0.100						0.5075	2.45	30	B
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: 1806188
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1806188-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **6/18/2018** RunNo: **44141**
Client ID: **INF-0615** Batch ID: **20998** Analysis Date: **6/18/2018** SeqNo: **854266**

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	Q
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	Q
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						0.1393	34.5	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	2.55		2.500		102	61.1	128		0		
Surr: Toluene-d8	2.60		2.500		104	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene-BFB	2.50		2.500		100	64.7	128		0		

Work Order: 1806188
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1806188-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **6/18/2018** RunNo: **44141**
Client ID: **INF-0615** Batch ID: **20998** Analysis Date: **6/18/2018** SeqNo: **854266**

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

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

Sample ID **LCS-20998** SampType: **LCS** Units: **µg/L** Prep Date: **6/18/2018** RunNo: **44141**
Client ID: **LCSW** Batch ID: **20998** Analysis Date: **6/18/2018** SeqNo: **854269**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.18	0.100	2.000	0	109	38.8	143				
Chloromethane	1.98	0.100	2.000	0	99.0	42.5	131				
Vinyl chloride	2.12	0.0200	2.000	0	106	56.2	130				
Bromomethane	2.26	0.100	2.000	0	113	45.4	138				
Trichlorofluoromethane (CFC-11)	2.20	0.100	2.000	0	110	64.7	129				
Chloroethane	2.05	0.100	2.000	0	102	62.5	123				
1,1-Dichloroethene	2.13	0.100	2.000	0	106	60.7	146				
Methylene chloride	1.96	0.100	2.000	0	98.1	60.3	135				
trans-1,2-Dichloroethene	2.02	0.100	2.000	0	101	71.3	129				
Methyl tert-butyl ether (MTBE)	1.94	0.100	2.000	0	96.9	59.3	138				
1,1-Dichloroethane	2.05	0.100	2.000	0	103	71.3	129				
2,2-Dichloropropane	2.18	0.200	2.000	0	109	37.8	132				
cis-1,2-Dichloroethene	1.97	0.100	2.000	0	98.4	67.5	127				
Chloroform	1.99	0.100	2.000	0	99.6	70.3	123				
1,1,1-Trichloroethane (TCA)	2.05	0.100	2.000	0	102	67.9	134				
1,1-Dichloropropene	2.14	0.100	2.000	0	107	72.1	133				
Carbon tetrachloride	2.11	0.100	2.000	0	105	64.4	133				
1,2-Dichloroethane (EDC)	1.95	0.100	2.000	0	97.6	65.8	126				
Benzene	2.00	0.100	2.000	0	100	67.1	132				
Trichloroethene (TCE)	2.03	0.0500	2.000	0	102	71.9	130				
1,2-Dichloropropane	2.01	0.100	2.000	0	101	71.9	131				
Bromodichloromethane	1.98	0.100	2.000	0	99.1	70	130				
Dibromomethane	1.99	0.100	2.000	0	99.5	74.2	125				

Work Order: 1806188
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-20998** SampType: **LCS** Units: **µg/L** Prep Date: **6/18/2018** RunNo: **44141**
Client ID: **LCSW** Batch ID: **20998** Analysis Date: **6/18/2018** SeqNo: **854269**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
cis-1,3-Dichloropropene	1.93	0.100	2.000	0	96.3	62.8	135				
Toluene	1.86	0.100	2.000	0	93.0	73.6	127				B
trans-1,3-Dichloropropylene	1.91	0.100	2.000	0	95.7	58.1	138				
1,1,2-Trichloroethane	1.95	0.100	2.000	0	97.6	65.4	128				
1,3-Dichloropropane	1.98	0.100	2.000	0	98.8	71.9	131				
Tetrachloroethene (PCE)	2.07	0.100	2.000	0	104	52.4	140				
Dibromochloromethane	1.90	0.100	2.000	0	94.9	68.7	139				
1,2-Dibromoethane (EDB)	1.94	0.0250	2.000	0	97.2	71.2	129				
Chlorobenzene	1.99	0.100	2.000	0	99.4	77.2	122				
1,1,1,2-Tetrachloroethane	1.98	0.100	2.000	0	98.9	76.2	130				
Ethylbenzene	2.00	0.100	2.000	0	100	78	127				
m,p-Xylene	3.96	0.100	4.000	0	99.1	77.5	130				
o-Xylene	1.99	0.100	2.000	0	99.4	77.6	126				
Styrene	2.01	0.100	2.000	0	101	66.8	137				
Isopropylbenzene	2.08	0.100	2.000	0	104	75.9	133				
Bromoform	2.06	0.100	2.000	0	103	54.1	146				
1,1,2,2-Tetrachloroethane	1.89	0.100	2.000	0	94.6	68	134				
n-Propylbenzene	2.01	0.100	2.000	0	101	77.1	133				
Bromobenzene	1.94	0.100	2.000	0	97.0	71.1	131				
1,3,5-Trimethylbenzene	2.08	0.100	2.000	0	104	76.2	133				
2-Chlorotoluene	2.09	0.100	2.000	0	105	67.1	137				
4-Chlorotoluene	2.17	0.100	2.000	0	108	70.7	132				
tert-Butylbenzene	2.08	0.100	2.000	0	104	71.3	139				
1,2,3-Trichloropropane	1.91	0.100	2.000	0	95.3	70.8	132				
1,2,4-Trichlorobenzene	1.96	0.200	2.000	0	98.1	61.4	139				
sec-Butylbenzene	2.10	0.100	2.000	0	105	77.4	136				
4-Isopropyltoluene	2.07	0.100	2.000	0	103	78.1	131				
1,3-Dichlorobenzene	1.81	0.100	2.000	0	90.7	73.5	125				
1,4-Dichlorobenzene	2.03	0.100	2.000	0	101	71.4	125				
n-Butylbenzene	2.14	0.100	2.000	0	107	69.8	138				
1,2-Dichlorobenzene	2.02	0.100	2.000	0	101	74.2	123				

Work Order: 1806188
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-20998** SampType: **LCS** Units: **µg/L** Prep Date: **6/18/2018** RunNo: **44141**
Client ID: **LCSW** Batch ID: **20998** Analysis Date: **6/18/2018** SeqNo: **854269**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2-Dibromo-3-chloropropane	1.99	0.100	2.000	0	99.4	53.6	155				
1,2,4-Trimethylbenzene	1.99	0.100	2.000	0	99.3	72.3	133				
Hexachlorobutadiene	2.10	0.400	2.000	0	105	60.9	141				
Naphthalene	1.91	0.100	2.000	0	95.6	58.2	140				
1,2,3-Trichlorobenzene	1.91	0.400	2.000	0	95.5	61.3	133				
Surr: Dibromofluoromethane	2.57		2.500		103	56.4	141				
Surr: Toluene-d8	2.55		2.500		102	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.50		2.500		100	64.7	128				

Sample ID **MB-20998** SampType: **MBLK** Units: **µg/L** Prep Date: **6/18/2018** RunNo: **44141**
Client ID: **MBLKW** Batch ID: **20998** Analysis Date: **6/18/2018** SeqNo: **854366**

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									

Work Order: 1806188
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-20998** SampType: **MBLK** Units: **µg/L** Prep Date: **6/18/2018** RunNo: **44141**
Client ID: **MBLKW** Batch ID: **20998** Analysis Date: **6/18/2018** SeqNo: **854366**

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

Work Order: 1806188
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-20998** SampType: **MBLK** Units: **µg/L** Prep Date: **6/18/2018** RunNo: **44141**
Client ID: **MBLKW** Batch ID: **20998** Analysis Date: **6/18/2018** SeqNo: **854366**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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									
Hexachlorobutadiene	ND	0.400									
Naphthalene	ND	0.100									
1,2,3-Trichlorobenzene	ND	0.400									
Surr: Dibromofluoromethane	2.48		2.500		99.0	56.4	141				Q
Surr: Toluene-d8	2.53		2.500		101	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.53		2.500		101	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 **MB-20998** SampType: **MBLK** Units: **µg/L** Prep Date: **6/18/2018** RunNo: **44141**
Client ID: **MBLKW** Batch ID: **20998** Analysis Date: **6/20/2018** SeqNo: **855025**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	ND	0.100									
Surr: Dibromofluoromethane	2.55		2.500		102	56.4	141				
Surr: Toluene-d8	2.66		2.500		107	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.39		2.500		95.5	64.7	128				

Sample Log-In Check List

Client Name:	**EPI**	Work Order Number:	**1806188**
Logged by:	**Clare Griggs**	Date Received:	**6/15/2018 1:17:00 PM**

Chain of Custody

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

Log In

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

Special Handling (if applicable)

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

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

19. Additional remarks:

Item Information

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

Chain of Custody Record & Laboratory Services Agreement

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

Date: 06/15/18 Page: 1 of: 1

Laboratory Project No (internal): 1806188

Project Name: WHITNEY'S

Special Remarks:

Project No: 51201

Client: EPI

Collected by: N. WINSPERGER

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-0615	06/15/18	1130	A	X	X												
2																		
3																		
4																		
5																		
6																		
7																		
8																		
9																		
10																		

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

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

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

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	06/15/18 1317	x	06/15/18 1317
Relinquished	Date/Time	Received	Date/Time
x		x	

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: 1807161

July 20, 2018

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 7/13/2018 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: *07/20/2018*

CLIENT: Environmental Partners, Inc.
Project: Whitney's
Work Order: 1807161

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1807161-001	INF-0713	07/13/2018 12:00 PM	07/13/2018 2:10 PM

Case Narrative

WO#: **1807161**

Date: **7/20/2018**

CLIENT: Environmental Partners, Inc.

Project: Whitney's

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

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

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

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

NOTE: The conversion of Gasoline 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:** 7/13/2018 12:00:00 PM
Project: Whitney's
Lab ID: 1807161-001 **Matrix:** Air
Client Sample ID: **INF-0713**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21250		Analyst: TN
Dichlorodifluoromethane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Chloromethane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Vinyl chloride	ND	0.0200		µg/L	1	7/14/2018 12:55:33 PM
Bromomethane	ND	0.100	Q	µg/L	1	7/14/2018 12:55:33 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Chloroethane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Methylene chloride	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	7/14/2018 12:55:33 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Chloroform	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Carbon tetrachloride	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Benzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Trichloroethene (TCE)	ND	0.0500		µg/L	1	7/14/2018 12:55:33 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Bromodichloromethane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Dibromomethane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Toluene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Dibromochloromethane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	7/14/2018 12:55:33 PM
Chlorobenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Ethylbenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
m,p-Xylene	0.207	0.100		µg/L	1	7/14/2018 12:55:33 PM
o-Xylene	0.124	0.100		µg/L	1	7/14/2018 12:55:33 PM
Styrene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Isopropylbenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Bromoform	ND	0.100	Q	µg/L	1	7/14/2018 12:55:33 PM

Analytical Report

Work Order: **1807161**
Date Reported: **7/20/2018**

Client: Environmental Partners, Inc. **Collection Date:** 7/13/2018 12:00:00 PM
Project: Whitney's
Lab ID: 1807161-001 **Matrix:** Air
Client Sample ID: **INF-0713**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21250		Analyst: TN
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
n-Propylbenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Bromobenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,3,5-Trimethylbenzene	0.104	0.100		µg/L	1	7/14/2018 12:55:33 PM
2-Chlorotoluene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
4-Chlorotoluene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
tert-Butylbenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	7/14/2018 12:55:33 PM
sec-Butylbenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
n-Butylbenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,2-Dibromo-3-chloropropane	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	7/14/2018 12:55:33 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	7/14/2018 12:55:33 PM
Naphthalene	0.160	0.100		µg/L	1	7/14/2018 12:55:33 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	7/14/2018 12:55:33 PM
Surr: Dibromofluoromethane	105	56.4 - 141		%Rec	1	7/14/2018 12:55:33 PM
Surr: Toluene-d8	102	66 - 138		%Rec	1	7/14/2018 12:55:33 PM
Surr: 1-Bromo-4-fluorobenzene-BFB	99.6	64.7 - 128		%Rec	1	7/14/2018 12:55:33 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: 21250		Analyst: TN
Gasoline	39.4	5.00		µg/L	1	7/14/2018 12:55:33 PM
Gasoline	9.64	1.22		ppmv	1	7/14/2018 12:55:33 PM
Surr: 4-Bromofluorobenzene	101	65 - 135		%Rec	1	7/14/2018 12:55:33 PM
Surr: Toluene-d8	99.9	65 - 135		%Rec	1	7/14/2018 12:55:33 PM

Work Order: 1807161
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **1807161-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44766**
Client ID: **INF-0713** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865546**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	38.5	5.00						39.41	2.32	30	
Surr: 4-Bromofluorobenzene	2.52		2.500		101	65	135		0		
Surr: Toluene-d8	2.49		2.500		99.7	65	135		0		

Sample ID **LCS-21250** SampType: **LCS** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44766**
Client ID: **LCSW** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865550**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	53.1	5.00	50.00	0	106	65	135				
Surr: 4-Bromofluorobenzene	2.56		2.500		103	65	135				
Surr: Toluene-d8	2.51		2.500		101	65	135				

Sample ID **MB-21250** SampType: **MBLK** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44766**
Client ID: **MBLKW** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865551**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	ND	5.00									
Surr: 4-Bromofluorobenzene	2.54		2.500		102	65	135				
Surr: Toluene-d8	2.50		2.500		99.9	65	135				

Work Order: 1807161
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1807161-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44765**
Client ID: **INF-0713** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865531**

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	
1,1-Dichloroethane	ND	0.100						0		30	
2,2-Dichloropropane	ND	0.200						0		30	
cis-1,2-Dichloroethene	ND	0.100						0		30	
Chloroform	ND	0.100						0		30	
1,1,1-Trichloroethane (TCA)	ND	0.100						0		30	
1,1-Dichloropropene	ND	0.100						0		30	
Carbon tetrachloride	ND	0.100						0		30	
1,2-Dichloroethane (EDC)	ND	0.100						0		30	
Benzene	ND	0.100						0		30	
Trichloroethene (TCE)	ND	0.0500						0		30	
1,2-Dichloropropane	ND	0.100						0		30	
Bromodichloromethane	ND	0.100						0		30	
Dibromomethane	ND	0.100						0		30	
cis-1,3-Dichloropropene	ND	0.100						0		30	
Toluene	ND	0.100						0		30	
trans-1,3-Dichloropropylene	ND	0.100						0		30	
1,1,2-Trichloroethane	ND	0.100						0		30	
1,3-Dichloropropane	ND	0.100						0		30	
Tetrachloroethene (PCE)	ND	0.100						0		30	
Dibromochloromethane	ND	0.100						0		30	
1,2-Dibromoethane (EDB)	ND	0.0250						0		30	

Work Order: 1807161
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1807161-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44765**
Client ID: **INF-0713** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865531**

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	0.201	0.100						0.2072	3.10	30	
o-Xylene	0.127	0.100						0.1245	2.07	30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	Q
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						0.1039	5.10	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	0.143	0.100						0.1601	11.1	30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.63		2.500		105	61.1	128		0		
Surr: Toluene-d8	2.52		2.500		101	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene-BFB	2.49		2.500		99.6	64.7	128		0		

Work Order: 1807161
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1807161-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44765**
Client ID: **INF-0713** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865531**

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 **LCS-21250** SampType: **LCS** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44765**
Client ID: **LCSW** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865534**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.56	0.100	2.000	0	128	38.8	143				
Chloromethane	2.15	0.100	2.000	0	107	42.5	131				
Vinyl chloride	2.33	0.0200	2.000	0	116	56.2	130				
Bromomethane	1.69	0.100	2.000	0	84.4	45.4	138				
Trichlorofluoromethane (CFC-11)	2.24	0.100	2.000	0	112	64.7	129				
Chloroethane	2.05	0.100	2.000	0	102	62.5	123				
1,1-Dichloroethene	2.18	0.100	2.000	0	109	60.7	146				
Methylene chloride	2.10	0.100	2.000	0	105	60.3	135				
trans-1,2-Dichloroethene	2.14	0.100	2.000	0	107	71.3	129				
Methyl tert-butyl ether (MTBE)	2.23	0.100	2.000	0	111	59.3	138				
1,1-Dichloroethane	2.11	0.100	2.000	0	106	71.3	129				
2,2-Dichloropropane	2.06	0.200	2.000	0	103	37.8	132				
cis-1,2-Dichloroethene	2.08	0.100	2.000	0	104	67.5	127				
Chloroform	2.07	0.100	2.000	0	103	70.3	123				
1,1,1-Trichloroethane (TCA)	2.12	0.100	2.000	0	106	67.9	134				
1,1-Dichloropropene	2.19	0.100	2.000	0	109	72.1	133				
Carbon tetrachloride	1.96	0.100	2.000	0	97.8	64.4	133				
1,2-Dichloroethane (EDC)	2.02	0.100	2.000	0	101	65.8	126				
Benzene	2.05	0.100	2.000	0	103	67.1	132				
Trichloroethene (TCE)	2.06	0.0500	2.000	0	103	71.9	130				
1,2-Dichloropropane	2.02	0.100	2.000	0	101	71.9	131				
Bromodichloromethane	1.93	0.100	2.000	0	96.6	70	130				
Dibromomethane	2.04	0.100	2.000	0	102	74.2	125				
cis-1,3-Dichloropropene	1.96	0.100	2.000	0	97.9	62.8	135				

Work Order: 1807161
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-21250** SampType: **LCS** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44765**
Client ID: **LCSW** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865534**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Toluene	2.02	0.100	2.000	0	101	73.6	127				
trans-1,3-Dichloropropylene	2.16	0.100	2.000	0	108	58.1	138				
1,1,2-Trichloroethane	2.08	0.100	2.000	0	104	65.4	128				
1,3-Dichloropropane	2.08	0.100	2.000	0	104	71.9	131				
Tetrachloroethene (PCE)	2.10	0.100	2.000	0	105	52.4	140				
Dibromochloromethane	1.91	0.100	2.000	0	95.6	68.7	139				
1,2-Dibromoethane (EDB)	2.08	0.0250	2.000	0	104	71.2	129				
Chlorobenzene	1.99	0.100	2.000	0	99.4	77.2	122				
1,1,1,2-Tetrachloroethane	1.91	0.100	2.000	0	95.7	76.2	130				
Ethylbenzene	1.99	0.100	2.000	0	99.5	78	127				
m,p-Xylene	3.91	0.100	4.000	0	97.7	77.5	130				
o-Xylene	1.95	0.100	2.000	0	97.5	77.6	126				
Styrene	2.05	0.100	2.000	0	102	66.8	137				
Isopropylbenzene	2.07	0.100	2.000	0	104	75.9	133				
Bromoform	1.69	0.100	2.000	0	84.4	54.1	146				
1,1,2,2-Tetrachloroethane	2.12	0.100	2.000	0	106	68	134				
n-Propylbenzene	2.08	0.100	2.000	0	104	77.1	133				
Bromobenzene	1.96	0.100	2.000	0	98.1	71.1	131				
1,3,5-Trimethylbenzene	2.08	0.100	2.000	0	104	76.2	133				
2-Chlorotoluene	2.15	0.100	2.000	0	108	67.1	137				
4-Chlorotoluene	2.14	0.100	2.000	0	107	70.7	132				
tert-Butylbenzene	2.07	0.100	2.000	0	103	71.3	139				
1,2,3-Trichloropropane	2.18	0.100	2.000	0	109	70.8	132				
1,2,4-Trichlorobenzene	2.00	0.200	2.000	0	100	61.4	139				
sec-Butylbenzene	2.12	0.100	2.000	0	106	77.4	136				
4-Isopropyltoluene	2.07	0.100	2.000	0	104	78.1	131				
1,3-Dichlorobenzene	2.10	0.100	2.000	0	105	73.5	125				
1,4-Dichlorobenzene	2.07	0.100	2.000	0	103	71.4	125				
n-Butylbenzene	2.23	0.100	2.000	0	112	69.8	138				
1,2-Dichlorobenzene	2.04	0.100	2.000	0	102	74.2	123				
1,2-Dibromo-3-chloropropane	2.05	0.100	2.000	0	103	53.6	155				

Work Order: 1807161
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-21250** SampType: **LCS** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44765**
Client ID: **LCSW** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865534**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
1,2,4-Trimethylbenzene	2.16	0.100	2.000	0	108	72.3	133				
Hexachlorobutadiene	2.11	0.400	2.000	0	105	60.9	141				
Naphthalene	1.98	0.100	2.000	0	98.9	58.2	140				
1,2,3-Trichlorobenzene	1.94	0.400	2.000	0	97.2	61.3	133				
Surr: Dibromofluoromethane	2.76		2.500		110	56.4	141				
Surr: Toluene-d8	2.54		2.500		102	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.61		2.500		105	64.7	128				

Sample ID **MB-21250** SampType: **MBLK** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44765**
Client ID: **MBLKW** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865535**

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									
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: 1807161
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-21250** SampType: **MBLK** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44765**
Client ID: **MBLKW** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865535**

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									Q
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: 1807161
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-21250** SampType: **MBLK** Units: **µg/L** Prep Date: **7/14/2018** RunNo: **44765**
Client ID: **MBLKW** Batch ID: **21250** Analysis Date: **7/14/2018** SeqNo: **865535**

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	2.60		2.500		104	56.4	141				
Surr: Toluene-d8	2.48		2.500		99.2	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.52		2.500		101	64.7	128				

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

Sample Log-In Check List

Client Name:	**EPI**	Work Order Number:	**1807161**
Logged by:	**Clare Griggs**	Date Received:	**7/13/2018 2:10:00 PM**

Chain of Custody

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

Log In

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

Special Handling (if applicable)

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

Person Notified: _____ Date _____

By Whom: _____ Via: ☐ eMail ☐ Phone ☐ Fax ☐ In Person

Regarding: _____

Client Instructions: _____

19. Additional remarks:

Item Information

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

Chain of Custody Record & Laboratory Services Agreement

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

Date: 07/13/18 Page: 1 of: 1

Laboratory Project No (internal): 1807101

Project Name: WHITNEY'S

Special Remarks:

Project No: 51201

Client: EPI

Collected by: N. WINSPENCER

Address: 1180 NW MAPLE ST. SUITE 310

Location:

City, State, Zip: ISSAQUAH, WA 98027

Report To (PM): SEAN TRIMBLE

Telephone: (425) 395-0010

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	NF-0713	07/13/18	1200		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:

- [x] 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	07/13/18 1410	x	07/13/18 14:10
Relinquished	Date/Time	Received	Date/Time
x		x	

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: 1808140

August 20, 2018

Attention Sean Trimble:

Fremont Analytical, Inc. received 1 sample(s) on 8/13/2018 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: *08/20/2018*

CLIENT: Environmental Partners, Inc.
Project: Whitney's
Work Order: 1808140

Work Order Sample Summary

Lab Sample ID	Client Sample ID	Date/Time Collected	Date/Time Received
1808140-001	INF-0813	08/13/2018 12:00 PM	08/13/2018 2:50 PM

Case Narrative

WO#: **1808140**
Date: **8/20/2018**

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 calculation is 100.

Qualifiers:

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

Acronyms:

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

Client: Environmental Partners, Inc. **Collection Date:** 8/13/2018 12:00:00 PM
Project: Whitney's
Lab ID: 1808140-001 **Matrix:** Air
Client Sample ID: **INF-0813**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21647		Analyst: EM
Dichlorodifluoromethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Chloromethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Vinyl chloride	ND	0.0200		µg/L	1	8/16/2018 3:48:09 PM
Bromomethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Trichlorofluoromethane (CFC-11)	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Chloroethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,1-Dichloroethene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Methylene chloride	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
trans-1,2-Dichloroethene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Methyl tert-butyl ether (MTBE)	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,1-Dichloroethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
2,2-Dichloropropane	ND	0.200		µg/L	1	8/16/2018 3:48:09 PM
cis-1,2-Dichloroethene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Chloroform	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,1,1-Trichloroethane (TCA)	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,1-Dichloropropene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Carbon tetrachloride	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,2-Dichloroethane (EDC)	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Benzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Trichloroethene (TCE)	ND	0.0500		µg/L	1	8/16/2018 3:48:09 PM
1,2-Dichloropropane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Bromodichloromethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Dibromomethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
cis-1,3-Dichloropropene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Toluene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
trans-1,3-Dichloropropylene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,1,2-Trichloroethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,3-Dichloropropane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Tetrachloroethene (PCE)	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Dibromochloromethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,2-Dibromoethane (EDB)	ND	0.0250		µg/L	1	8/16/2018 3:48:09 PM
Chlorobenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,1,1,2-Tetrachloroethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Ethylbenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
m,p-Xylene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
o-Xylene	0.105	0.100		µg/L	1	8/16/2018 3:48:09 PM
Styrene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Isopropylbenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Bromoform	ND	0.100	Q	µg/L	1	8/16/2018 3:48:09 PM

Analytical Report

Work Order: **1808140**
Date Reported: **8/20/2018**

Client: Environmental Partners, Inc. **Collection Date:** 8/13/2018 12:00:00 PM
Project: Whitney's
Lab ID: 1808140-001 **Matrix:** Air
Client Sample ID: **INF-0813**

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
Volatile Organic Compounds by EPA Method 8260C				Batch ID: 21647		Analyst: EM
1,1,2,2-Tetrachloroethane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
n-Propylbenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Bromobenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,3,5-Trimethylbenzene	0.105	0.100		µg/L	1	8/16/2018 3:48:09 PM
2-Chlorotoluene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
4-Chlorotoluene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
tert-Butylbenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,2,3-Trichloropropane	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,2,4-Trichlorobenzene	ND	0.200		µg/L	1	8/16/2018 3:48:09 PM
sec-Butylbenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
4-Isopropyltoluene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,3-Dichlorobenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,4-Dichlorobenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
n-Butylbenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,2-Dichlorobenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,2-Dibromo-3-chloropropane	ND	0.100	Q	µg/L	1	8/16/2018 3:48:09 PM
1,2,4-Trimethylbenzene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
Hexachlorobutadiene	ND	0.400		µg/L	1	8/16/2018 3:48:09 PM
Naphthalene	ND	0.100		µg/L	1	8/16/2018 3:48:09 PM
1,2,3-Trichlorobenzene	ND	0.400		µg/L	1	8/16/2018 3:48:09 PM
Surr: Dibromofluoromethane	98.5	56.4 - 141		%Rec	1	8/16/2018 3:48:09 PM
Surr: Toluene-d8	104	66 - 138		%Rec	1	8/16/2018 3:48:09 PM
Surr: 1-Bromo-4-fluorobenzene-BFB	99.1	64.7 - 128		%Rec	1	8/16/2018 3:48:09 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: 21647		Analyst: EM
Gasoline	12.0	1.22		ppmv	1	8/15/2018 2:30:16 PM
Gasoline	49.2	5.00		µg/L	1	8/15/2018 2:30:16 PM
Surr: 4-Bromofluorobenzene	110	65 - 135		%Rec	1	8/15/2018 2:30:16 PM
Surr: Toluene-d8	99.8	65 - 135		%Rec	1	8/15/2018 2:30:16 PM

Work Order: 1808140
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Gasoline by NWTPH-Gx

Sample ID **1808140-001AREP**	SampType: **REP**	Units: **µg/L**	Prep Date: **8/15/2018**	RunNo: **45476**
Client ID: **INF-0813**	Batch ID: **21616**		Analysis Date: **8/15/2018**	SeqNo: **879739**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	51.7	5.00						49.23	4.96	30	
Surr: 4-Bromofluorobenzene	2.74		2.500		110	65	135		0		
Surr: Toluene-d8	2.49		2.500		99.5	65	135		0		

Sample ID **LCS-21616**	SampType: **LCS**	Units: **µg/L**	Prep Date: **8/15/2018**	RunNo: **45476**
Client ID: **LCSW**	Batch ID: **21616**		Analysis Date: **8/15/2018**	SeqNo: **879743**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Gasoline	35.7	5.00	50.00	0	71.4	65	135				
Surr: 4-Bromofluorobenzene	2.57		2.500		103	65	135				
Surr: Toluene-d8	2.54		2.500		102	65	135				

Sample ID **MB-21616**	SampType: **MBLK**	Units: **µg/L**	Prep Date: **8/15/2018**	RunNo: **45476**
Client ID: **MBLKW**	Batch ID: **21616**		Analysis Date: **8/15/2018**	SeqNo: **879744**

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		100	65	135				
Surr: Toluene-d8	2.56		2.500		103	65	135				

Work Order: 1808140
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-21647** SampType: **LCS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45527**
Client ID: **LCSW** Batch ID: **21647** Analysis Date: **8/16/2018** SeqNo: **880474**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Dichlorodifluoromethane	2.62	0.100	2.000	0	131	38.8	143				
Chloromethane	2.35	0.100	2.000	0	118	42.5	131				
Vinyl chloride	2.16	0.0200	2.000	0	108	56.2	130				
Bromomethane	3.05	0.100	2.000	0	153	45.4	138				S
Trichlorofluoromethane (CFC-11)	2.17	0.100	2.000	0	109	64.7	129				
Chloroethane	2.18	0.100	2.000	0	109	62.5	123				
1,1-Dichloroethene	2.18	0.100	2.000	0	109	60.7	146				
Methylene chloride	2.24	0.100	2.000	0	112	60.3	135				
trans-1,2-Dichloroethene	2.18	0.100	2.000	0	109	71.3	129				
Methyl tert-butyl ether (MTBE)	2.15	0.100	2.000	0	107	59.3	138				
1,1-Dichloroethane	2.17	0.100	2.000	0	108	71.3	129				
2,2-Dichloropropane	2.90	0.200	2.000	0	145	37.8	132				S
cis-1,2-Dichloroethene	2.20	0.100	2.000	0	110	67.5	127				
Chloroform	2.22	0.100	2.000	0	111	70.3	123				
1,1,1-Trichloroethane (TCA)	2.10	0.100	2.000	0	105	67.9	134				
1,1-Dichloropropene	2.17	0.100	2.000	0	108	72.1	133				
Carbon tetrachloride	2.00	0.100	2.000	0	100	64.4	133				
1,2-Dichloroethane (EDC)	2.25	0.100	2.000	0	112	65.8	126				
Benzene	2.31	0.100	2.000	0	115	67.1	132				
Trichloroethene (TCE)	2.17	0.0500	2.000	0	109	71.9	130				
1,2-Dichloropropane	2.16	0.100	2.000	0	108	71.9	131				
Bromodichloromethane	2.09	0.100	2.000	0	105	70	130				
Dibromomethane	2.21	0.100	2.000	0	110	74.2	125				
cis-1,3-Dichloropropene	2.29	0.100	2.000	0	114	62.8	135				
Toluene	2.26	0.100	2.000	0	113	73.6	127				
trans-1,3-Dichloropropylene	2.31	0.100	2.000	0	115	58.1	138				
1,1,2-Trichloroethane	2.23	0.100	2.000	0	112	65.4	128				
1,3-Dichloropropane	2.24	0.100	2.000	0	112	71.9	131				
Tetrachloroethene (PCE)	2.16	0.100	2.000	0	108	52.4	140				
Dibromochloromethane	2.03	0.100	2.000	0	102	68.7	139				
1,2-Dibromoethane (EDB)	2.23	0.0250	2.000	0	111	71.2	129				

Work Order: 1808140
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-21647** SampType: **LCS** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45527**
Client ID: **LCSW** Batch ID: **21647** Analysis Date: **8/16/2018** SeqNo: **880474**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
Chlorobenzene	2.17	0.100	2.000	0	109	77.2	122				
1,1,1,2-Tetrachloroethane	2.06	0.100	2.000	0	103	76.2	130				
Ethylbenzene	2.18	0.100	2.000	0	109	78	127				
m,p-Xylene	4.39	0.100	4.000	0	110	77.5	130				
o-Xylene	2.22	0.100	2.000	0	111	77.6	126				
Styrene	2.20	0.100	2.000	0	110	66.8	137				
Isopropylbenzene	2.14	0.100	2.000	0	107	75.9	133				
Bromoform	1.79	0.100	2.000	0	89.5	54.1	146				
1,1,2,2-Tetrachloroethane	2.15	0.100	2.000	0	107	68	134				
n-Propylbenzene	2.19	0.100	2.000	0	110	77.1	133				
Bromobenzene	2.14	0.100	2.000	0	107	71.1	131				
1,3,5-Trimethylbenzene	2.19	0.100	2.000	0	110	76.2	133				
2-Chlorotoluene	2.09	0.100	2.000	0	104	67.1	137				
4-Chlorotoluene	2.25	0.100	2.000	0	113	70.7	132				
tert-Butylbenzene	2.20	0.100	2.000	0	110	71.3	139				
1,2,3-Trichloropropane	2.15	0.100	2.000	0	108	70.8	132				
1,2,4-Trichlorobenzene	2.11	0.200	2.000	0	105	61.4	139				
sec-Butylbenzene	2.21	0.100	2.000	0	111	77.4	136				
4-Isopropyltoluene	2.20	0.100	2.000	0	110	78.1	131				
1,3-Dichlorobenzene	2.30	0.100	2.000	0	115	73.5	125				
1,4-Dichlorobenzene	2.22	0.100	2.000	0	111	71.4	125				
n-Butylbenzene	2.19	0.100	2.000	0	109	69.8	138				
1,2-Dichlorobenzene	2.15	0.100	2.000	0	108	74.2	123				
1,2-Dibromo-3-chloropropane	1.63	0.100	2.000	0	81.7	53.6	155				
1,2,4-Trimethylbenzene	2.22	0.100	2.000	0	111	72.3	133				
Hexachlorobutadiene	2.07	0.400	2.000	0	104	60.9	141				
Naphthalene	2.02	0.100	2.000	0	101	58.2	140				
1,2,3-Trichlorobenzene	2.10	0.400	2.000	0	105	61.3	133				
Surr: Dibromofluoromethane	2.61		2.500		104	56.4	141				
Surr: Toluene-d8	2.59		2.500		104	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.48		2.500		99.0	64.7	128				

Work Order: 1808140
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **LCS-21647**	SampType: **LCS**			Units: **µg/L**		Prep Date: **8/16/2018**			RunNo: **45527**		
Client ID: **LCSW**	Batch ID: **21647**					Analysis Date: **8/16/2018**			SeqNo: **880474**		
Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual

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

Sample ID **MB-21647**	SampType: **MBLK**			Units: **µg/L**		Prep Date: **8/16/2018**			RunNo: **45527**		
Client ID: **MBLKW**	Batch ID: **21647**					Analysis Date: **8/16/2018**			SeqNo: **880475**		
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									
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: 1808140
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-21647** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45527**
Client ID: **MBLKW** Batch ID: **21647** Analysis Date: **8/16/2018** SeqNo: **880475**

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									Q
1,1,2,2-Tetrachloroethane	ND	0.100									
n-Propylbenzene	ND	0.100									
Bromobenzene	ND	0.100									
1,3,5-Trimethylbenzene	ND	0.100									
2-Chlorotoluene	ND	0.100									
4-Chlorotoluene	ND	0.100									
tert-Butylbenzene	ND	0.100									
1,2,3-Trichloropropane	ND	0.100									
1,2,4-Trichlorobenzene	ND	0.200									
sec-Butylbenzene	ND	0.100									
4-Isopropyltoluene	ND	0.100									
1,3-Dichlorobenzene	ND	0.100									
1,4-Dichlorobenzene	ND	0.100									
n-Butylbenzene	ND	0.100									
1,2-Dichlorobenzene	ND	0.100									
1,2-Dibromo-3-chloropropane	ND	0.100									Q

Work Order: 1808140
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **MB-21647** SampType: **MBLK** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45527**
Client ID: **MBLKW** Batch ID: **21647** Analysis Date: **8/16/2018** SeqNo: **880475**

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	2.37		2.500		94.8	56.4	141				
Surr: Toluene-d8	2.53		2.500		101	66	138				
Surr: 1-Bromo-4-fluorobenzene-BFB	2.41		2.500		96.4	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 **1808140-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45527**
Client ID: **INF-0813** Batch ID: **21647** Analysis Date: **8/16/2018** SeqNo: **880471**

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	

Work Order: 1808140
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808140-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45527**
Client ID: **INF-0813** Batch ID: **21647** Analysis Date: **8/16/2018** SeqNo: **880471**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
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	
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						0.1054	25.4	30	
Styrene	ND	0.100						0		30	
Isopropylbenzene	ND	0.100						0		30	
Bromoform	ND	0.100						0		30	Q
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						0.1052	21.6	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	

Work Order: 1808140
CLIENT: Environmental Partners, Inc.
Project: Whitney's

QC SUMMARY REPORT

Volatile Organic Compounds by EPA Method 8260C

Sample ID **1808140-001AREP** SampType: **REP** Units: **µg/L** Prep Date: **8/16/2018** RunNo: **45527**
Client ID: **INF-0813** Batch ID: **21647** Analysis Date: **8/16/2018** SeqNo: **880471**

Analyte	Result	RL	SPK value	SPK Ref Val	%REC	LowLimit	HighLimit	RPD Ref Val	%RPD	RPDLimit	Qual
sec-Butylbenzene	ND	0.100						0		30	
4-Isopropyltoluene	ND	0.100						0		30	
1,3-Dichlorobenzene	ND	0.100						0		30	
1,4-Dichlorobenzene	ND	0.100						0		30	
n-Butylbenzene	ND	0.100						0		30	
1,2-Dichlorobenzene	ND	0.100						0		30	
1,2-Dibromo-3-chloropropane	ND	0.100						0		30	Q
1,2,4-Trimethylbenzene	ND	0.100						0		30	
Hexachlorobutadiene	ND	0.400						0		30	
Naphthalene	ND	0.100						0		30	
1,2,3-Trichlorobenzene	ND	0.400						0		30	
Surr: Dibromofluoromethane	2.51		2.500		100	61.1	128		0		
Surr: Toluene-d8	2.55		2.500		102	68.2	129		0		
Surr: 1-Bromo-4-fluorobenzene-BFB	2.50		2.500		100	64.7	128		0		

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

Sample Log-In Check List

Client Name:	**EPI**	Work Order Number:	**1808140**
Logged by:	**Brianna Barnes**	Date Received:	**8/13/2018 2:50:00 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: 08/13/18 Page: 1 of: 1

Laboratory Project No (internal): 180901140

Project Name: WHITNEY'S

Special Remarks:

Project No: 5120

Client: EPI

Collected by: N. HINSPENGER

Address: 1180 NW MAPLE ST. SUITE 3

Location: MONTESANO, WA

City, State, Zip: ISSAQUAH, WA 98027

Report To (PM): SEAN TRIMBLE

Telephone: (425) 395-0010

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

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-0813	08/13/18	1200	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	08/13/18 1450	x	8/13/18 1450
x	08/13/18 1450	x	

Turn-around Time:

- [x] Standard
- [ ] 3 Day
- [ ] 2 Day
- [ ] Next Day
- Same Day _____ (specify)