WCEC
ENVIRONMENTAL CONSULTANTS

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September 8, 2021

Joel Marcott
Bleyhl Farm Service
940 E. Wine Country Road
Grandview, WA 98930

Re: **June 2021 Quarterly Groundwater Monitoring Report** for Bleyhl Farm Service, Sunnyside, Washington.

Dear Mr. Morano:

Enclosed for your review is the **June 2021 Quarterly Groundwater Monitoring Report** for Bleyhl Farm Service located in Sunnyside, Washington. Please call or email me at jrolle@wcec.com, if you have any questions or concerns. Thank you for your time and consideration of this report.

Sincerely,

Jim Rolle
Director, Environmental Services

Enclosure

cc: Kyle Parker, Department of Ecology, TCP, Central Regional Office, 1250 West Alder Street, Union Gap, WA 98903-0009

ec: Barbara Henning, AIG Environmental Specialty Claims, Claim: 182-037585; Barbara.Henning@aig.com
Kyle Parker, Department of Ecology, TCP, Central Regional Office; kypa461@ECY.WA.GOV
Joel Marcott, Bleyhl Farm Services, Inc.; joel.marcott@bleyhl.com

June 2021 Quarterly Groundwater Monitoring Report

Bleyhl Farm Service

1720 Eastway Drive

Sunnyside, WA 98944

Prepared for:

Dan Morano

Bleyhl Farm Service

940 E. Wine Country Road

Grandview, WA 98930

Prepared by:

West Central Environmental Consultants, Inc.

1030 South Ave. W.

Missoula, MT 59801

September 8, 2021

WCEC Project No. 97-1462-90

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1.0 Introduction

This report documents the quarterly groundwater monitoring activities conducted on June 3, 2021 at Bleyhl Farm Service located at 1720 Eastway Drive, Sunnyside, Washington. The city of Sunnyside is located in the south-central portion of the state with approximate geographic coordinates of N46° 19.401' by W119° 59.845'. Site location and facility layout maps are included as Figures 1 and 2.

1.1 Site History

The site is a former cardtrol service station and bulk petroleum plant located on the south side of the Bleyhl Farm Service Store in Sunnyside, Washington. Three 12,000 gallon underground storage tanks (USTs) were located adjacent to the south side of the Bleyhl Farm Service building: one regular unleaded, one premium unleaded, and one diesel tank [Figure 3]. At the time the tanks were installed, the water table was near the ground surface and the installers were unable to completely bury the tanks. To cover the USTs, a concrete block retaining wall was built around them and the tanks were covered with sand. A concrete slab was then poured over the tank basin. The gasoline pumps were located directly south of the tank basin and the diesel pump was located to the west of the tank basin.

West Central Environmental Consultants (WCEC) was contacted on January 28, 1997 by Mr. Don Eucker of Bleyhl Farm Service regarding a possible release at the facility. Inventory records indicated that a significant volume of unleaded gasoline was missing. The product was believed to have leaked from piping between the UST and the gasoline dispenser island. The Washington Department of Ecology (Ecology) was notified by Mr. Eucker of the leak when it was discovered. WCEC was contracted to assist in cleaning up contaminated soil associated with the leak. WCEC conducted an initial site investigation in February 1997. Free product was discovered and a free product recovery system was installed. A total of 2,250 gallons of product was removed from the infiltration gallery.

WCEC conducted a remedial excavation of the residually impacted soils in March 1997. An additional, estimated 650 gallons of free product was recovered during the excavation increasing the total recovered product to 2,900 gallons. All soils associated with the tank basin, pipe trenching, and both the gasoline and diesel dispenser islands were removed, but some residual contamination remained on site.

Prior to the remedial excavation, the entire petroleum bulk plant and cardtrol facility was dismantled. Service was discontinued until a new facility could be reassembled on the north side of the Bleyhl Farm Service building. The outline of the former facility is provided in Figure 3. The new facility was completed in July 1997.

On July 8, 1997, WCEC and Holt Drilling, Inc. of Puyallup, Washington installed three on site groundwater monitoring wells [Figure 3]. Two of the wells (MW2, MW3) are positioned on the downgradient periphery of the remedial excavation. One monitoring well (MW1) is positioned in the approximate center of the former tank basin. These wells provide source and downgradient groundwater quality data including measurements for groundwater flow direction and gradient calculations. Lithology at the site consisted of pit run gravel fill from the remedial excavation, overlying an undetermined thickness of fine sandy silt.

On March 2, 1999, WCEC conducted an off-site soil survey to determine the extent of migration of hydrocarbon products associated with the release. Four soil borings were advanced downgradient from the excavation. Analytical results from soil samples collected from the borings indicate that soil impacts related to the spill are confined to the site.

Ecology issued a letter to Bleyhl Farm Service dated September 18, 2002 recommending evaluation of the site for further active remediation. In response to the Ecology letter, WCEC evaluated the site for potential remedial strategies. Evaluation of site stratigraphy and groundwater flow indicated that the most appropriate and cost effective remedial strategy would be the use of oxygen release technology.

Completion of a pilot study was recommended to determine the effectiveness of ORC® in reducing contaminant levels in soil and groundwater at the site. The pilot test consisted of the installation of one ORC® backfilled borehole and three piezometers, followed by three events in which groundwater samples and groundwater quality parameters were collected from MW3, PZO1, PZO2, and PZO3. Installation of the ORC® backfilled borehole and piezometers was completed on March 3, 2003. At the time of installation, groundwater from the piezometers and MW3 was sampled to establish "baseline" conditions at the site. Follow up sampling to evaluate the effectiveness of ORC® was conducted in April, June, and September 2003. The *Oxygen Enhancement Pilot Study and Corrective Action Design Report* [WCEC, 2003] was completed in November 2003, recommending the installation of oxygen enhancement injection points at the site.

WCEC contracted Cascade Drilling, Inc. of Woodinville, Washington to complete the installation of the oxygen enhancement injection borings and on February 23, 24, and 25, 2004, WCEC supervised the installation of 75 borings. The oxygen enhancement remedial actions were completed as outlined in the *Oxygen Enhancement Pilot Study and Corrective Action Design Report* [WCEC, 2003]. A total of 750 pounds of PermeOx Plus® was injected into the soils and groundwater beneath the site. Complete details of the oxygen enhancement injection point installation are summarized in the *Oxygen Enhancement Injection Point Installation Report* [WCEC, 2004].

Based on the success of the 2004 oxygen enhancement, WCEC performed a soil boring investigation to identify additional areas at the site for remedial slurry injection on March 20, 2008. Residually impacted soils were identified adjacent to and below the former UST basin. The areas which contained the highest contaminant concentrations were near the northeast corner of the former UST basin. Soil contamination

was also identified under the concrete slab of the Bleyhl Warehouse building. The depth of impacts to soils varies from 2 to 8 feet below ground surface (bgs), with some borings exhibiting impacts from near the surface to the maximum depth of the borehole. Soils encountered during the investigation consisted predominately of sandy silt that was saturated starting at a depth of approximately 6 feet bgs. Complete details of the soil boring investigation are included in the *March 2008 Soil Boring Investigation and Quarterly Groundwater Monitoring Report* [WCEC, 2008]. Following the soil boring investigation, WCEC submitted a proposal for an additional in-situ chemical oxidation (ISCO) injection event.

During the week of July 29, 2013, WCEC supervised an ISCO injection event at the Bleyhl Farm Service facility in Sunnyside, Washington. A total of 98 injection borings were completed for delivery of 4,000 pounds of PermeOx Plus® into the subsurface. Process monitoring performed before, during, and after the injection event provided evidence that the oxygen enhancement compound was successfully introduced into the formation. Groundwater elevations increased on a daily basis as a response to the injected slurry volume and key groundwater parameters such as dissolved oxygen (DO) showed favorable increases towards the end of the injection event. Documentation of the July 2013 ISCO injection was provided in the *July 2013 ISCO Injection & September 2013 Quarterly Groundwater Monitoring Report* [WCEC, 2013].

Ecology issued a letter on June 16, 2017 requesting that Bleyhl Farm Service complete an investigation to define the extent of soil contamination at and surrounding the facility. Additionally, Ecology requested that the site enter into the Voluntary Cleanup Program (VCP) to obtain opinions regarding the proposed remedial actions and regulatory requirements to bring the site to closure. WCEC submitted the *Soil Boring Investigation Work Plan* to Ecology on November 1, 2017 for review under the VCP. Ecology issued an opinion letter including a review of the work plan on January 12, 2018.

On April 3 and 4, 2018, WCEC conducted a soil boring investigation to further define the extent and magnitude of soil and groundwater impacts at and downgradient from the facility. A GeoProbe 5400 series direct push rig equipped with dual tube tooling was used to advance 18 soil borings to collect 26 discrete soil samples and 7 soil borings to collect 7 groundwater samples. The soil boring investigation was successful in defining the extent and magnitude of soil and groundwater impacts in the areas surrounding and downgradient of the former UST basin. Soil impacts appear to be confined to the Bleyhl Farm Service property immediately adjacent to the former UST basin. Groundwater impacts likely extend downgradient beneath the alley to the south based on analytical data from grab samples collected from the groundwater soil borings. Documentation of the April 2018 soil boring investigation was provided in the *April 2018 Soil Boring Investigation & Quarterly Groundwater Monitoring Report* [WCEC, 2018a].

On December 17 and 18, 2018, WCEC supervised the installation of three additional groundwater monitoring wells designated as MW4, MW5, and MW6. The locations of the monitoring wells are provided on Figure 3. The monitoring wells were installed by a Washington licensed resource protection well constructor from Environmental West Drilling using the air rotary method. Documentation of the December 2018 well

installation was provided in the December 2018 Monitoring Well Installation and Quarterly Monitoring Report [WCEC, 2019]. Groundwater monitoring results from MW5 confirmed the presence of methyl-tertiary butyl ether (MTBE) at levels exceeding the MTCA Method A cleanup standards. Based on these results, WCEC developed a Remedial Alternatives Analysis (RAA) which identified activated carbon injection using Regenesis PetroFix™ as an appropriate remedial technology to address constituents in groundwater in the residual source zone and downgradient areas [WCEC, 2018b].

WCEC completed the AC injection using PetroFix™ from February 24 through March 5, 2020 [WCEC, 2020]. The AC injection was applied according to the design criteria presented in the RAA. Horizontal spacing of the injection borings was approximately 5 feet with a targeted vertical injection interval of 5 to 10 feet. The injection slurry was prepared on site in a 275-gallon polyethylene tote by mixing 30 gallons of PetroFix™ and 15 pounds of nitrate/sulfate blend electron acceptor with 240 gallons of water. Approximately 40 gallons of the AC slurry was injected into each boring via a pressure activated injection tip attached to 1.5 inch GeoProbe rods. A GeoProbe DP800 pump was used to inject the slurry into the targeted horizon using a "bottom-up" method. A total of 126 AC injection borings were completed with application of 4,400 total pounds of PetroFix™ and 220 pounds of electron acceptor.

2.0 Quarterly Groundwater Monitoring

2.1 Static Water Level Measurement

Quarterly groundwater monitoring was completed on June 3, 2021. Depth to water in the wells was measured using an electronic water level indicator accurate to 0.01 feet. Groundwater elevations in the wells were calculated using depth to water measurements and well survey data. Cumulative groundwater elevation data is presented in Table 1. A potentiometric surface plot of the shallow aquifer underlying the site is provided as Figure 4. Flow direction during the June 2021 event was to the southwest with an average gradient of 0.004. This flow direction and gradient are consistent with previous sampling events.

2.2 Groundwater Sampling and Analysis

Groundwater parameters for pH, dissolved oxygen, conductivity, salinity, temperature, and oxidation-reduction potential were collected using a multi-parameter YSI field meter with a flow through cell attached to a peristaltic pump. Cumulative groundwater field parameter data is included in Table 3. Monitoring wells were purged until all groundwater parameters stabilized. Groundwater samples were collected in method-specific laboratory containers, packed on ice, and delivered under chain of custody to Pace Analytical Services, Inc. (Pace) in Minneapolis, Minnesota.

Pace was instructed to perform analysis of Total Petroleum Hydrocarbons as Gasoline (WTPH-Gas) for MW4, MW5, and MW6; Total Petroleum Hydrocarbons as Diesel (WTPH-Diesel) for MW1, MW3, MW4, MW5, and MW6; benzene, toluene, ethylbenzene, xylenes (BTEX) for MW4, MW5, and MW6; and methyl-tert-butyl-ether (MTBE) for MW2, MW3, MW4, MW5, and MW6. Changes to the required analyses were approved by Ecology in email correspondence dated May 31, 2019.

Laboratory results are summarized in the following paragraphs and in Table 2. A complete copy of the analytical results is included in Appendix A.

Groundwater sampled from monitoring well MW1 was below the method reporting limits for all constituents analyzed.

Groundwater sampled from monitoring well MW2 contained MTBE (3.5 µg/L).

Groundwater sampled from monitoring well MW3 contained MTBE (4.8 µg/L).

Groundwater sampled from monitoring well MW4 was below the method reporting limits for all constituents analyzed.

Groundwater sampled from monitoring well MW5 contained MTBE (5.6 µg/L).

Groundwater sampled from monitoring well MW6 was below the method reporting limits for all constituents analyzed.

3.0 Discussion & Analysis

3.1 Groundwater Monitoring

On June 3, 2021, WCEC conducted quarterly groundwater monitoring of the six groundwater monitoring wells at the site. Hydrogeologic conditions were within expected ranges for groundwater flow direction and gradient. Samples collected from all six monitoring wells were below the cleanup levels for all constituents of concern.

MTBE concentrations in samples from monitoring well MW2 dropped significantly following the July 2013 ISCO injection based on the results from the September 2013 (56.2 µg/L), December 2013 (48 µg/L), and March 2014 (36.5 µg/L) monitoring events. MTBE concentrations in MW2 have fluctuated since the injection was completed, but show an overall decline, with concentrations remaining below cleanup levels during the last 18 monitoring events. Dissolved oxygen concentrations in monitoring well MW2 have been elevated while MTBE concentrations have been decreasing, providing further evidence that the overall constituent concentration reductions in MW2 are a result of the July 2013 ISCO injection.

Dissolved oxygen and MTBE concentrations in groundwater at MW3 have also shown favorable responses related to the 2013 ISCO injection. During the March 2014 monitoring event, the dissolved oxygen concentration in monitoring well MW3 was at the highest level recorded in site history (7.07 mg/L). Dissolved oxygen concentrations in MW3 fluctuated throughout the remainder of 2014 and 2015, then declined to levels within the historic range of concentrations in early 2016 and have remained within that range since. MTBE concentrations in MW3 have been following an overall declining trend since the July 2013 ISCO injection. Subsequent to the February/March 2020 PetroFix application, MTBE concentrations in samples from MW3 have further decreased to below cleanup levels for six consecutive monitoring events.

Monitoring well MW5 is located approximately 40 feet south-southwest of MW3, in a downgradient position with respect to the dissolved phase plume source. The MTBE concentration in the MW5 samples exhibited a downward trend during the first three quarters of 2019 but rebounded during the December 2019 event. Following the February/March 2020 PetroFix application, MTBE concentrations in samples from monitoring well MW5 have decreased to below cleanup levels for six consecutive monitoring events. The remaining downgradient wells (MW4 and MW6) have been below the method reporting limits for all constituents of concern since they were installed in December 2018.

WTPH-Diesel concentrations in samples from monitoring well MW1 have primarily been below the method reporting limit since 2011. However, there have been four samples in the previous 15 monitoring events where the WTPH-Diesel concentration has been above the cleanup level in samples from MW1. These

detections are attributable to the source area beneath the farm warehouse identified during the 2008 soil boring investigation.

3.2 Groundwater Data Interpretation

On January 30, 2013, the Washington Department of Ecology (Ecology) issued a letter requesting additional information in regard to the Bleyhl Farm Service facility (Site) located in Sunnyside, Washington [Ecology, 2013]. Ecology requested the following items be provided for the Site related to further data interpretation:

1) The current status of the contamination.
2) A determination whether concentrations are increasing, decreasing, or migrating.
3) A projected date when the Site will meet cleanup criteria under the current plan.

The current status of contaminant concentrations and distribution is discussed in Section 3.3.1.

3.2.1 Groundwater Concentration Trend Analysis

WCEC conducted statistical analysis of the cumulative groundwater monitoring data from the Site using USEPA and Ecology accepted methodology. In estimating restoration timeframes for the remediation of the Site, first-order decay rate constants were developed using the process outlined in USEPA guidance for predicting plume duration [Newell et al., 2002], [Wilson et al., 2005]. Cumulative constituent concentrations were plotted as a log function versus time and then fitted with a regression trendline. The equation for the trendline and the R^2 value relating the fit of the trendline to the data are included on each graph. The slope of the regression provides the first-order decay rate constant (k) which, along with the desired cleanup level (C_t), can be used to estimate the time (t) for groundwater restoration as outlined in the following equation:

$$C_t = C_0 e^{-kt}$$

Where:

C_t is the concentration (µg/L) at time = t (i.e., desired cleanup level)
C_0 is the concentration (µg/L) at time = 0 (i.e., initial concentration)
k is the first-order decay rate constant (unitless)
t is the time since the concentration = C_0 (years)

To estimate a more conservative restoration timeframe, a 90 percent confidence interval was then developed on the slope of the regression. The level of confidence is simply the probability that the true rate of decay is contained within the calculated confidence interval. In other words, a 90 percent confidence

interval indicates that the actual decay rate will be greater than the estimated decay rate 90 percent of the time and would be less than this estimate only 10 percent of the time.

The attached Figures 5 through 17 illustrate this analysis for constituent concentrations at monitoring wells MW1, MW2, MW3, and MW5. Review of Figure 16 reveals that the slope of the trendline for cumulative MTBE concentrations at MW3 is greater than zero (0.03), indicating that the MTBE analytical dataset in its entirety is not following a declining trend. In contrast, the slope of the trendline for cumulative MTBE concentrations in MW2 is negative (-0.22), and samples from MW2 have been below the MTBE cleanup level for 18 consecutive monitoring events [Figure 15]. Although the calculated slope of the cumulative dataset trendline is positive for MW3, MTBE concentrations in MW3 have been decreasing over the last 9 years of quarterly monitoring. Accordingly, the first-order decay rate constant for quarterly monitoring events completed at MW3 from 2012 to 2020 is reported on Figure 16 (-0.30 ± 0.02, excluding outlier data points). The site-specific decay rates for MW2 and MW3 conform to literature values derived from USEPA research of MTBE decay rates at various petroleum release sites that ranged from -0.04 to -0.29 [Wilson et al., 2005].

3.2.2 Projected Groundwater Restoration Timeframe

Utilizing these data, probable restoration timeframes have previously been predicted using site-specific rate constants calculated from data collected during monitoring events. The 90 percent confidence interval restoration timeframe has been presented as the duration of time from the last sampling event until regulatory cleanup levels will be achieved. Restoration timeframe predictions are no longer applicable since the groundwater compliance points have either attained or are very near the applicable cleanup levels for all constituents of concern.

3.3 Contaminant Distribution Overview & Additional Remedial Options

3.3.1 Contaminant Distribution

The oxygen enhancement injection performed in 2004 accelerated the attenuation process and drastically reduced the contaminant concentrations in groundwater [Table 2, Figures 5 through 16]. For reference, the date of the 2004 injection event is signified with a vertical light blue line on Figures 5 through 16. WTPH-Gas and benzene concentrations in groundwater were significantly reduced following the 2004 event and have remained below the applicable Ecology Method A Cleanup Levels with the exception of the outlier benzene concentration detected in MW3 during the March 2013 quarterly monitoring event [Figure 13]. MTBE concentrations in MW2 and MW3 exhibited a downward response to the 2004 injection event; however,

rebound of MTBE concentrations to pre-injection levels occurred in both wells within 1 year [Figures 15 & 16].

Despite the reductions in contaminant concentrations from the 2004 oxygen enhancement, untreated residual source areas continued to impact the shallow aquifer at concentrations exceeding cleanup levels for MTBE. During the 2008 soil boring investigation, soils containing petroleum constituents were identified in the areas surrounding and below the former UST basin, and under the concrete slab of the Bleyhl Warehouse building. The highest hydrocarbon concentrations were found near the northeast corner of the former UST basin [WCEC, 2008]. Based on the results obtained during the 2008 soil boring investigation and the success of the initial oxygen enhancement completed in 2004, WCEC recommended that an additional oxygen enhancement injection event be conducted to provide in-situ treatment of the residually impacted soils which remain at the Site. Upon approval from Ecology, WCEC completed the proposed oxygen enhancement slurry injection during the week of July 29, 2013. For reference, the date of the 2013 injection event is signified with a vertical purple line on Figures 5 through 16.

Historic impacts to soil have been noted in various locations along the 1997 excavation sidewall and in subsequent boring locations completed in the surrounding areas. The remedial activities detailed in the previous paragraphs reduced soil contaminant concentrations within the injection grid in these areas. This is evidenced by analytical results from the April 2018 soil boring investigation, particularly from borings completed immediately to the east and south of the former excavation footprint [WCEC, 2018a]. Comparison of soil sampling results from SB-2, SB-8, and SB-13 to results from proximal historic soil boring locations 08-3, 08-2, and BH-4, respectively, further demonstrate the effectiveness of the 2004 and 2013 remedial injections. Currently, the extent of soil impacts exceeding MTCA Method A cleanup levels appears to be limited to the Bleyhl Farm Service facility property in the area immediately east of the former excavation / UST basin and to the north under the farm warehouse storage building outside of the oxygen injection treatment areas.

During the quarterly monitoring events completed from December 2018 to December 2019, monitoring wells MW2, MW4, and MW6 were below the cleanup levels for all constituents of concern while samples from MW3 and MW5 exceeded the cleanup level for MTBE [Table 2]. Samples from monitoring well MW1 slightly exceeded the cleanup level for WTPH-Diesel during low groundwater monitoring events completed in September 2018, October 2019, and September 2020. These data indicate that groundwater impacts are primarily limited to areas within or downgradient of the former UST basin. The February/March 2020 PetroFix application was designed to target this area for in-situ treatment. The date of the February/March 2020 PetroFix application is represented by a vertical orange line in Figures 16 and 17. As can be seen on the graphs, the MTBE concentrations in samples from monitoring wells MW3 and MW5 have decreased to below cleanup levels in response to the PetroFix application, however, a slight rebound in MTBE concentrations in MW3 and MW5 has occurred over the last three quarterly events.

3.3.2 Additional Remedial Options

Ecology issued a Summary of Opinion related to the 2018 soil and groundwater investigation at the site which detailed requirements for investigation and remediation that would progress the cleanup towards a no further action (NFA) determination by Ecology. In response, WCEC performed a review of cumulative data for the site and completed a remedial alternatives analysis (RAA) which was submitted to Ecology on October 19, 2018 [WCEC, 2018b].

As part of the RAA process, WCEC evaluated two remedial alternatives which were selected for evaluation based on the extent, magnitude, and nature of the remaining source term impacts at the Bleyhl Farm Service facility. The alternatives evaluated included Remedial Excavation with Chemical Enhancement and Activated Carbon Remediation Fluid Injection using Regenesis PetroFix™. Specifics pertaining to each of the proposed remedial alternatives including their potential limitations and cost can be found in the RAA document [WCEC, 2018b]. The activated carbon injection alternative was completed at the Site in late February and early March 2020. Results from subsequent quarterly groundwater monitoring events will be used to evaluate the effectiveness of the AC injection and possible additional remedial actions.

4.0 Recommendations

WCEC recommends ongoing quarterly groundwater monitoring on the current schedule to evaluate the effectiveness of the AC injection, any potential dissolved constituent rebound, and comply with Ecology's requirements for closure. WCEC will continue to document the results of quarterly monitoring events with submittal of quarterly reports to Ecology. The next quarterly monitoring event is scheduled for September 2021.

While implementation of the AC injection remedial alternative may not result in complete remediation of residually impacted, vadose zone soils identified during the 2008 and 2018 soil boring investigations, closure of the release via NFA is possible with documented exceedances of soil cleanup levels. If compliance with groundwater standards is achieved in all areas, Ecology could issue an NFA determination including a deed restriction for the property which identifies any soil impacts exceeding cleanup levels. This path to closure of the release appears to be the most prudent and achievable, as known soil impacts under the Farm Storage Warehouse are relatively inaccessible and would require either complete remediation or a deed restriction to obtain a NFA determination from Ecology. Additionally, use of the property will likely remain industrial in nature and the limited deed restriction should have little impact on the marketability of the parcel. WCEC will recommend review of the Site under Ecology's Voluntary Cleanup Program (VCP) following eight consecutive quarterly groundwater monitoring events in which all points of compliance meet MTCA Method A cleanup standards.

5.0 References

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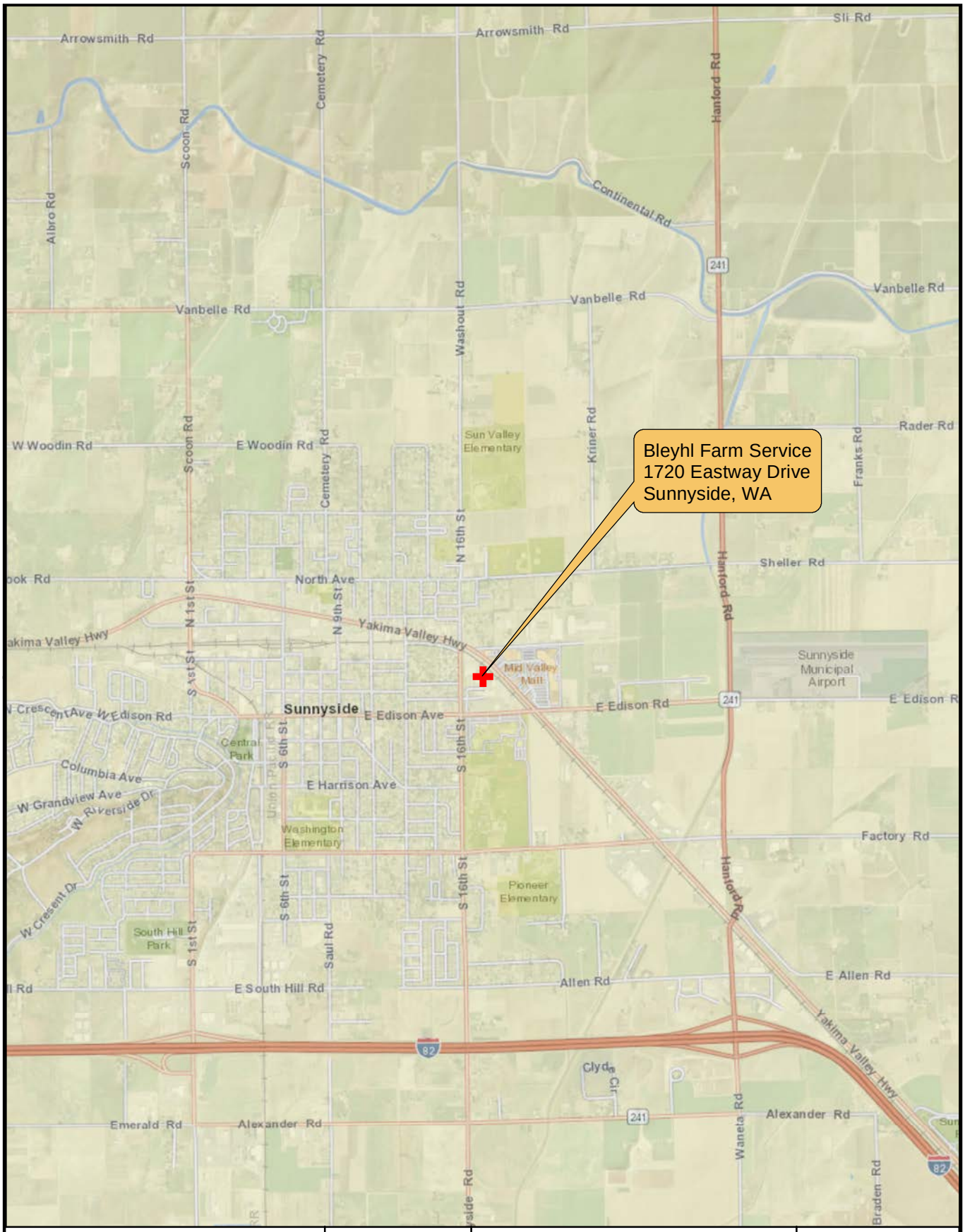
Figures



N

Miles

0.5 0.25 0 0.5

1 inch = 0.5 miles

JOB NO.: 97-1462-90

DATE: 10/06/20

DRAWN BY: MM

BASEMAP: ESRI

Site Location Map

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

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FIGURE 1

N

Feet

80 40 0 80

1 inch = 80 feet

JOB NO.: 97-1462-90

DATE: 10/06/20

DRAWN BY: MM

IMAGE DATE: 09/01/19

Site Layout Map

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

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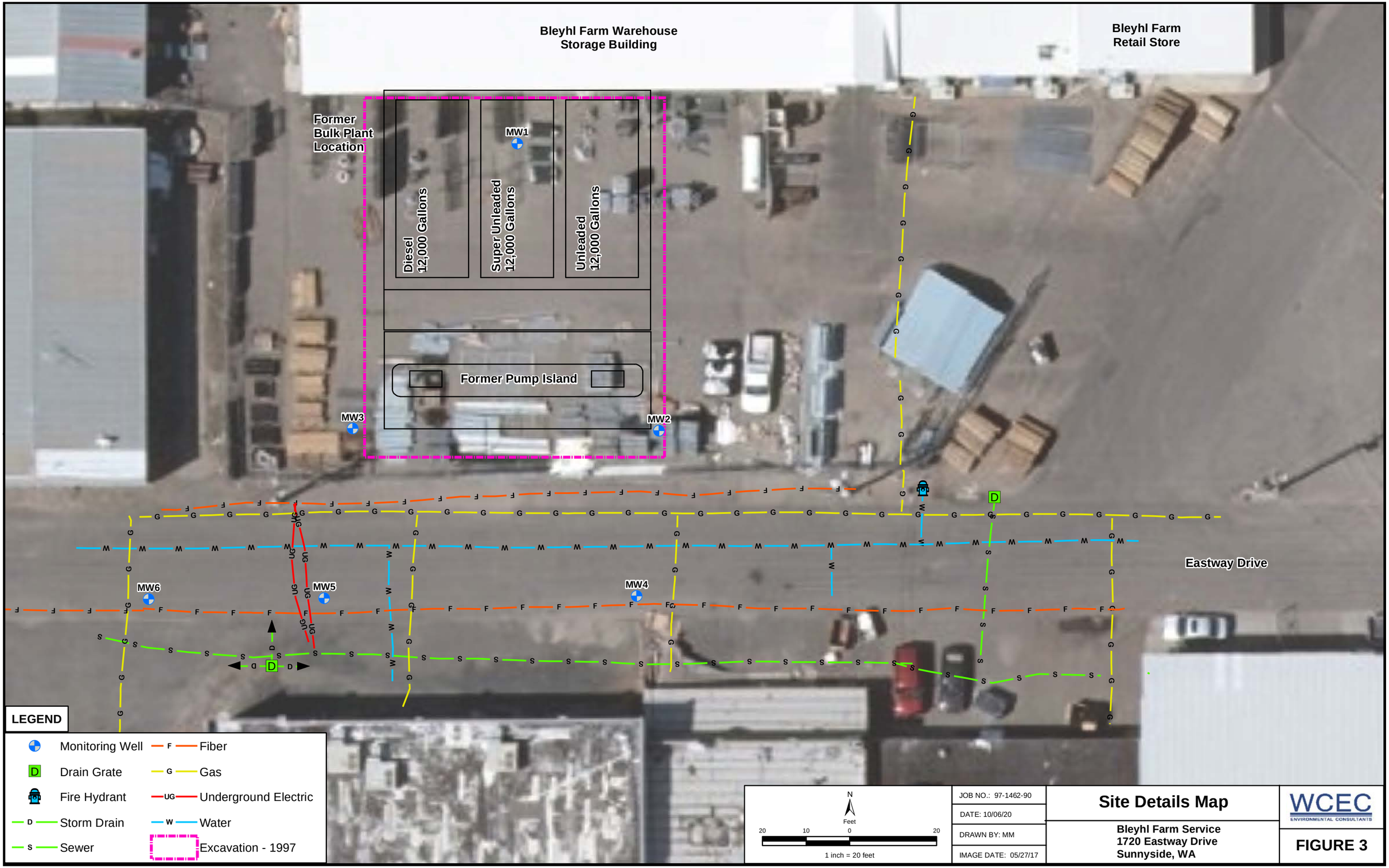
FIGURE 2



JOB NO.:	97-1462-90
DATE:	10/06/20
DRAWN BY:	MM
IMAGE DATE:	05/27/17

Site Details Map

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

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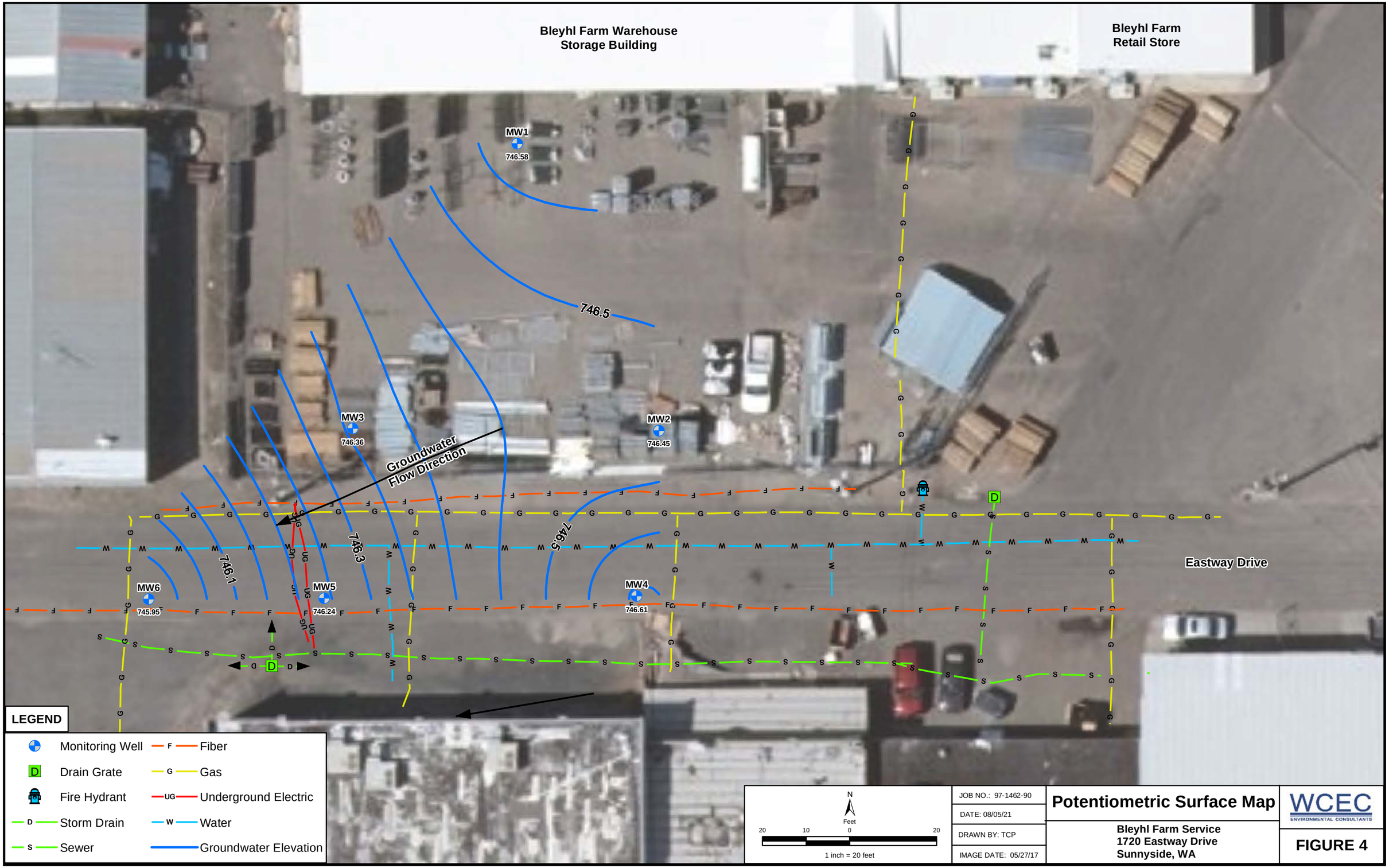
FIGURE 3


Bleyhl Farm Warehouse
Storage Building
Bleyhl Farm
Retail Store
MW1
746.58
746.5
MW3
746.36
MW2
746.45
Groundwater
Flow Direction
746.1
746.3
746.5
MW6
745.95
MW5
746.24
MW4
746.61
Eastway Drive
LEGEND
Monitoring Well
Drain Grate
Fire Hydrant
Storm Drain
Sewer
Fiber
Gas
Underground Electric
Water
Groundwater Elevation
N
Feet
20 10 0 20
1 inch = 20 feet
JOB NO.: 97-1462-90
DATE: 08/05/21
DRAWN BY: TCP
IMAGE DATE: 05/27/17
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Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA
WCEC
ENVIRONMENTAL CONSULTANTS
FIGURE 4

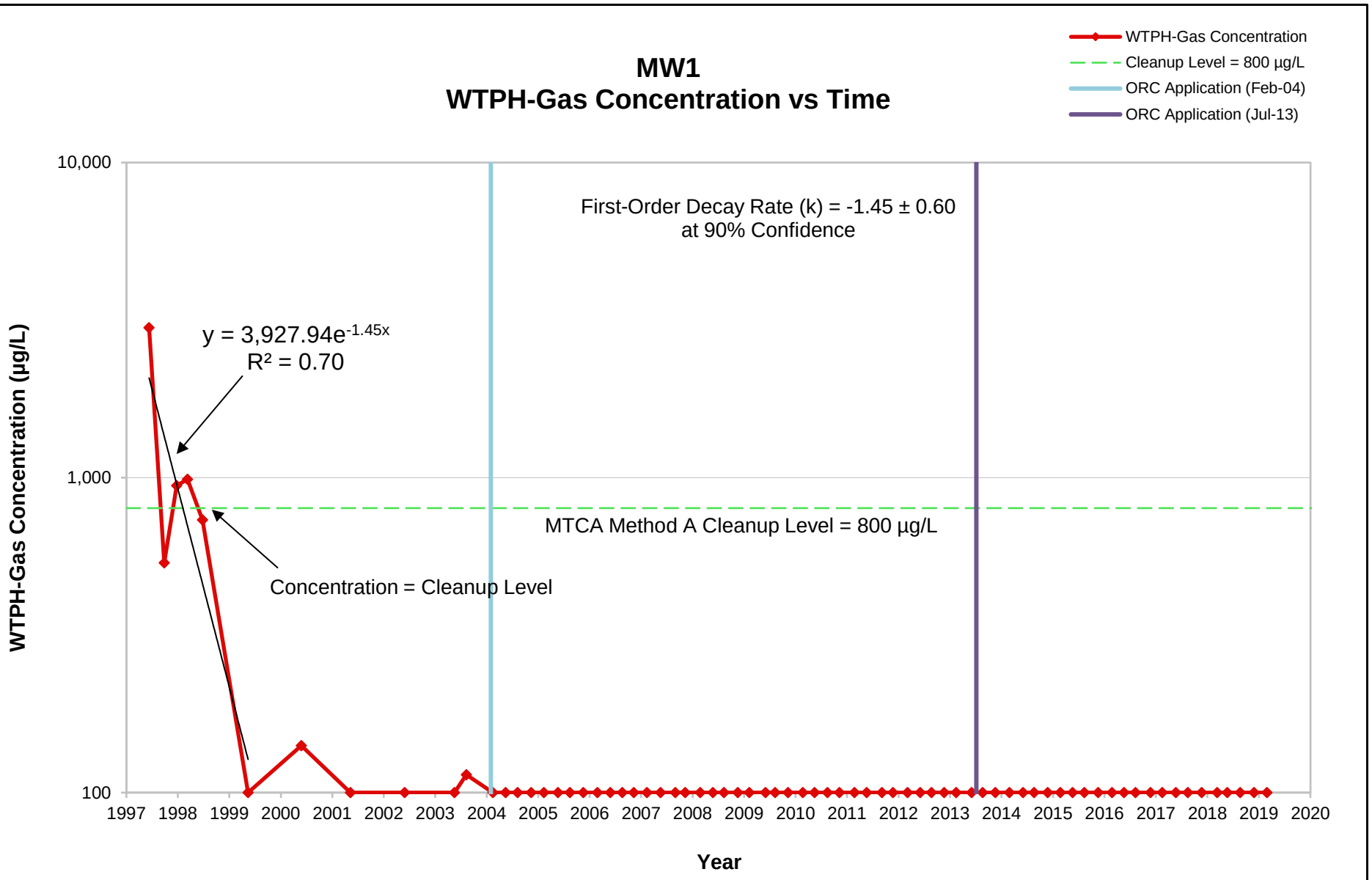

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FIGURE 5

MW1 - WTPH-Gas Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM

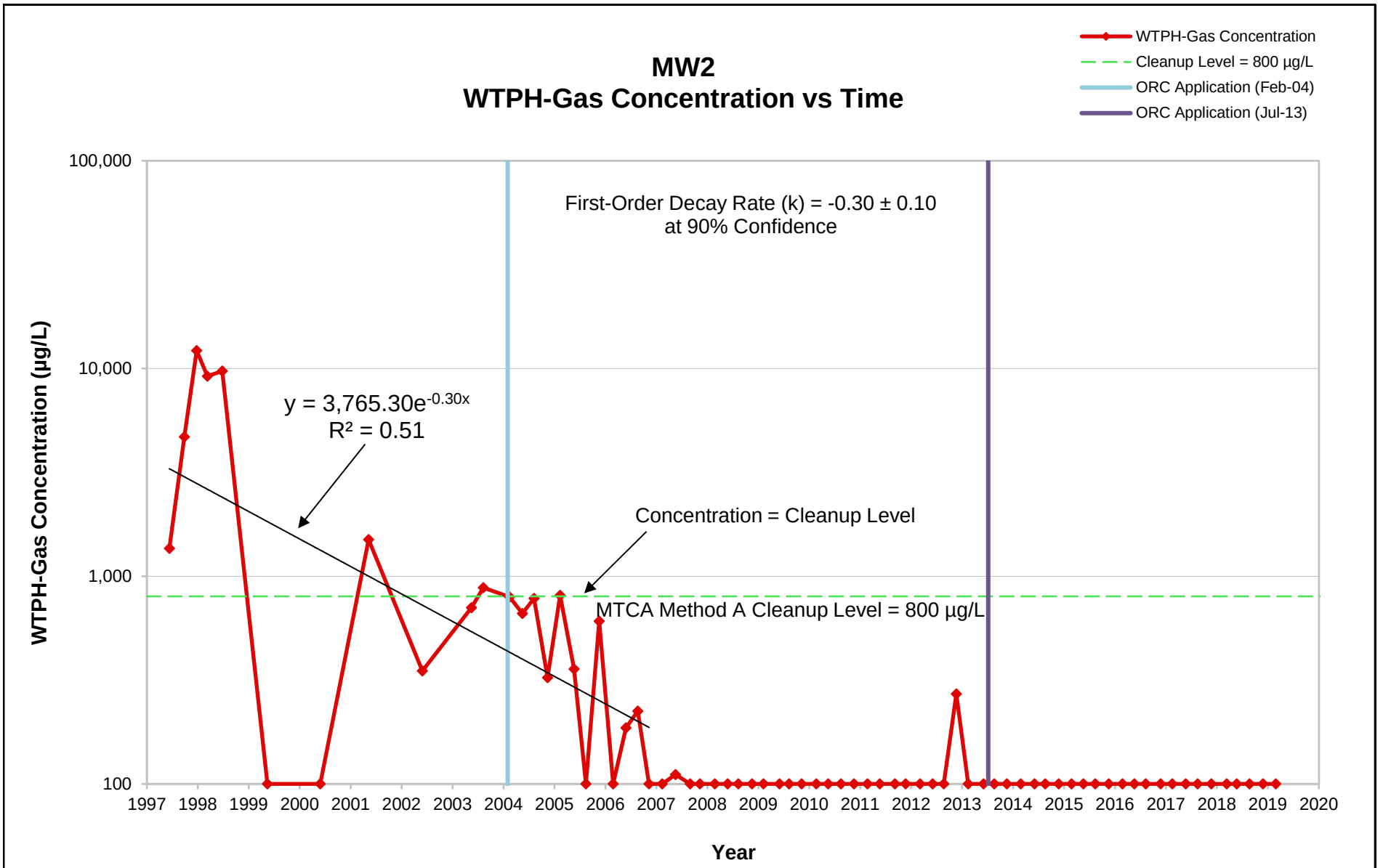

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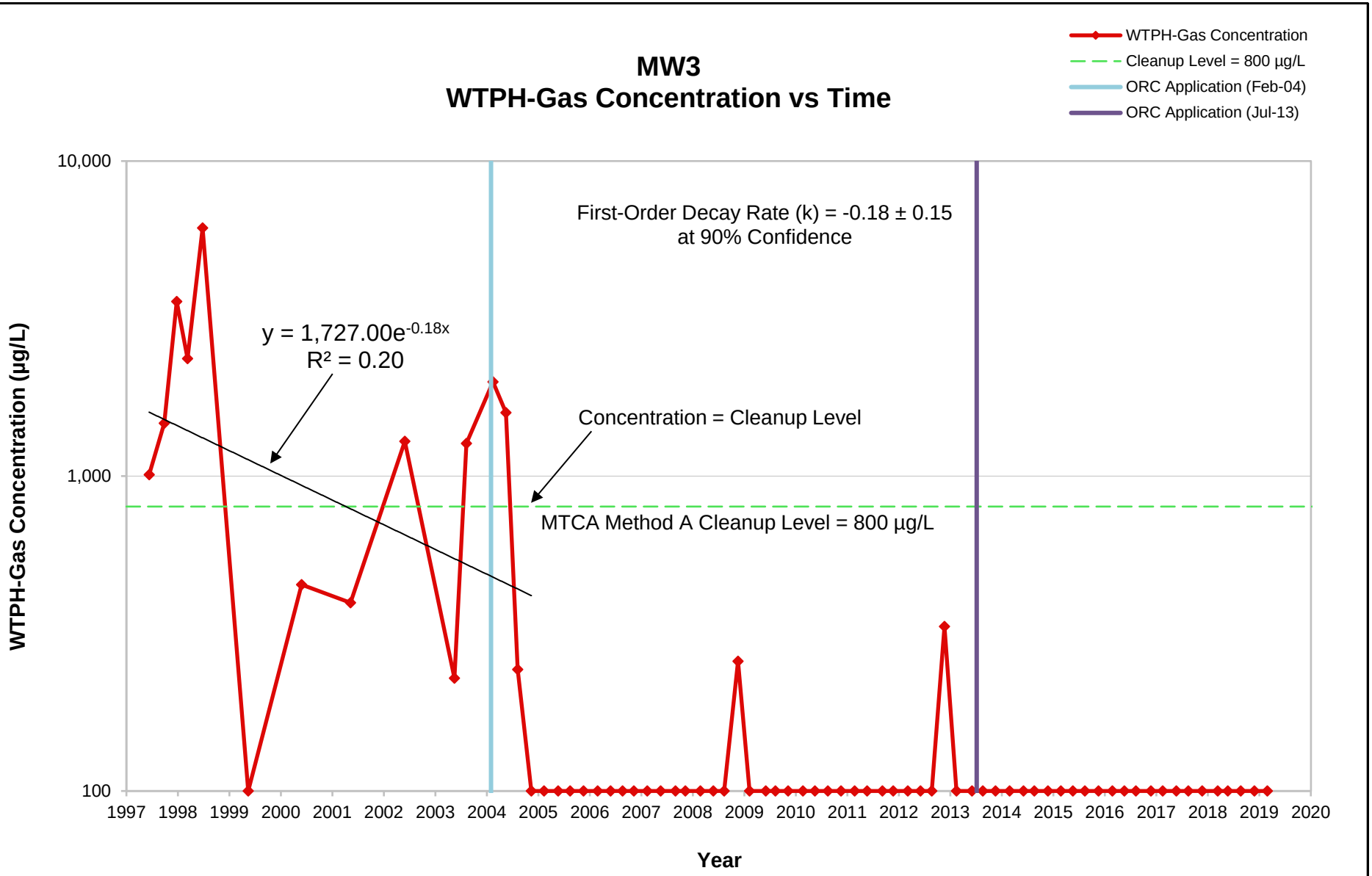
FIGURE 6

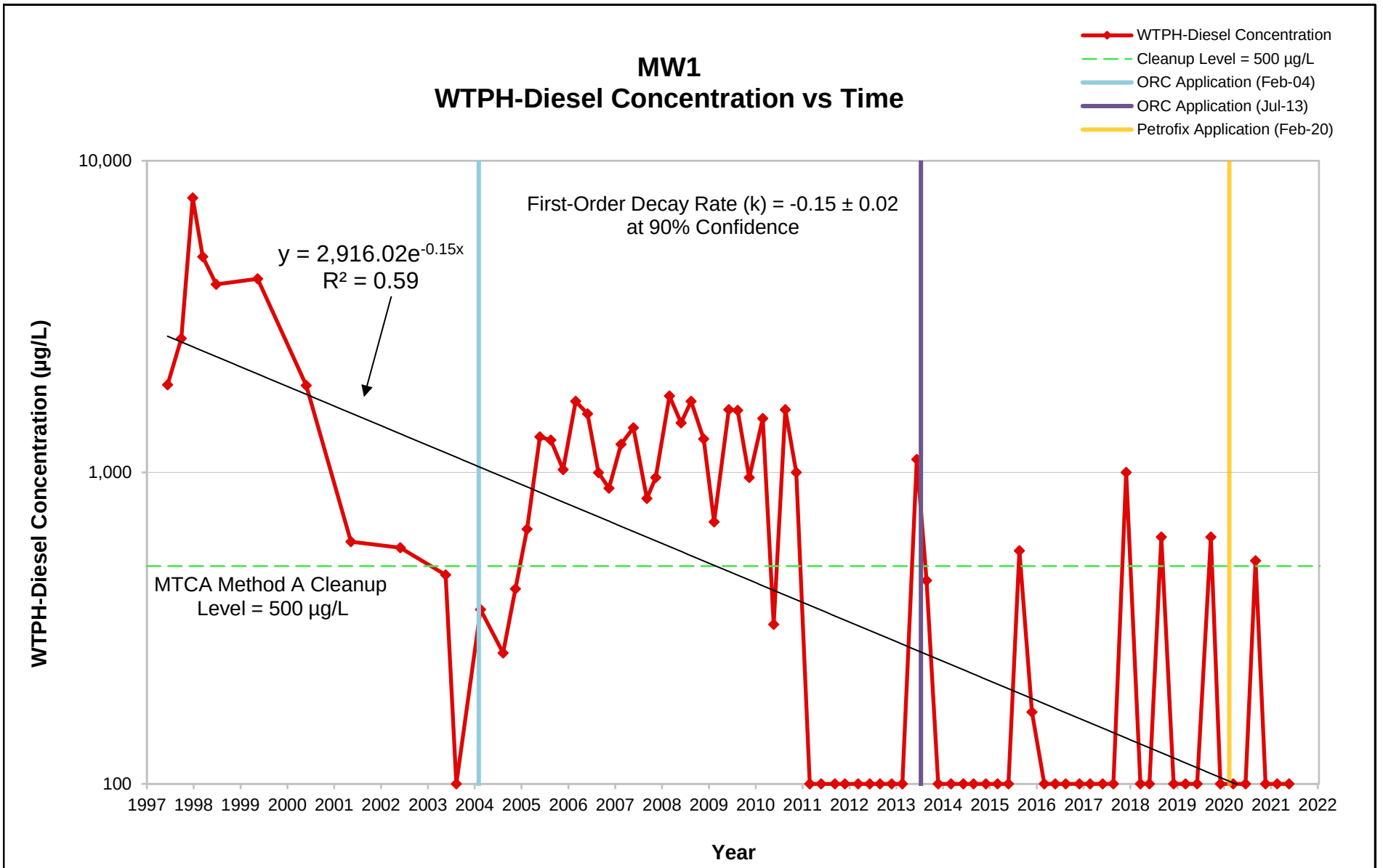
MW2 - WTPH-Gas Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM



WCEC ENVIRONMENTAL CONSULTANTS	MW3 - WTPH-Gas Concentration vs Time	Bleyhl Farm Service 1720 Eastway Drive Sunnyside, WA
FIGURE 7	Date: 08/05/21 | File: 1462\mwgraph.xls | Prjct No: 97-1462-90 | Drawn by: MM	



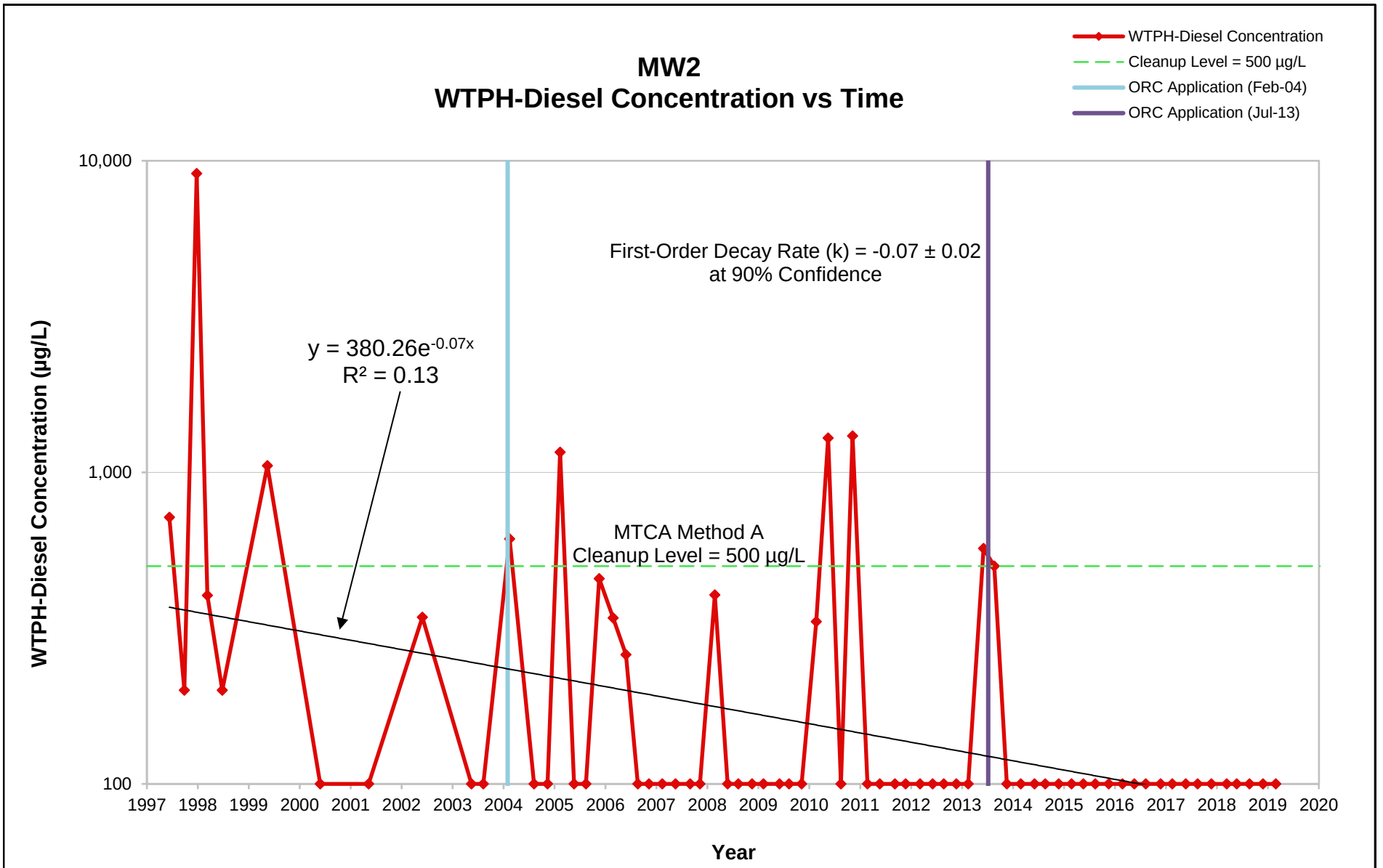
WCEC
ENVIRONMENTAL CONSULTANTS

FIGURE 8

MW1 - WTPH-Diesel Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM



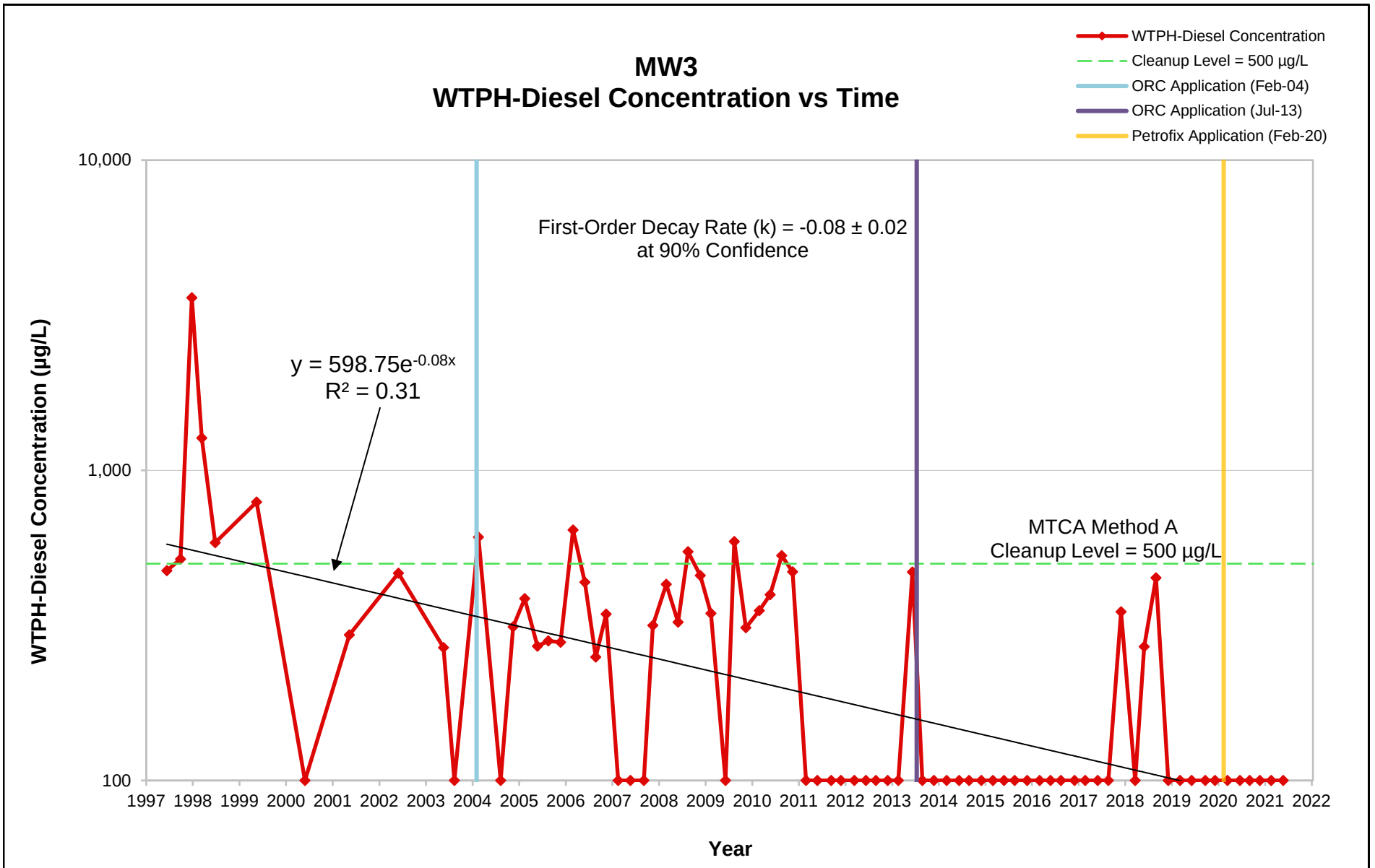
WCEC
ENVIRONMENTAL CONSULTANTS

FIGURE 9

MW2 - WTPH-Diesel Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM



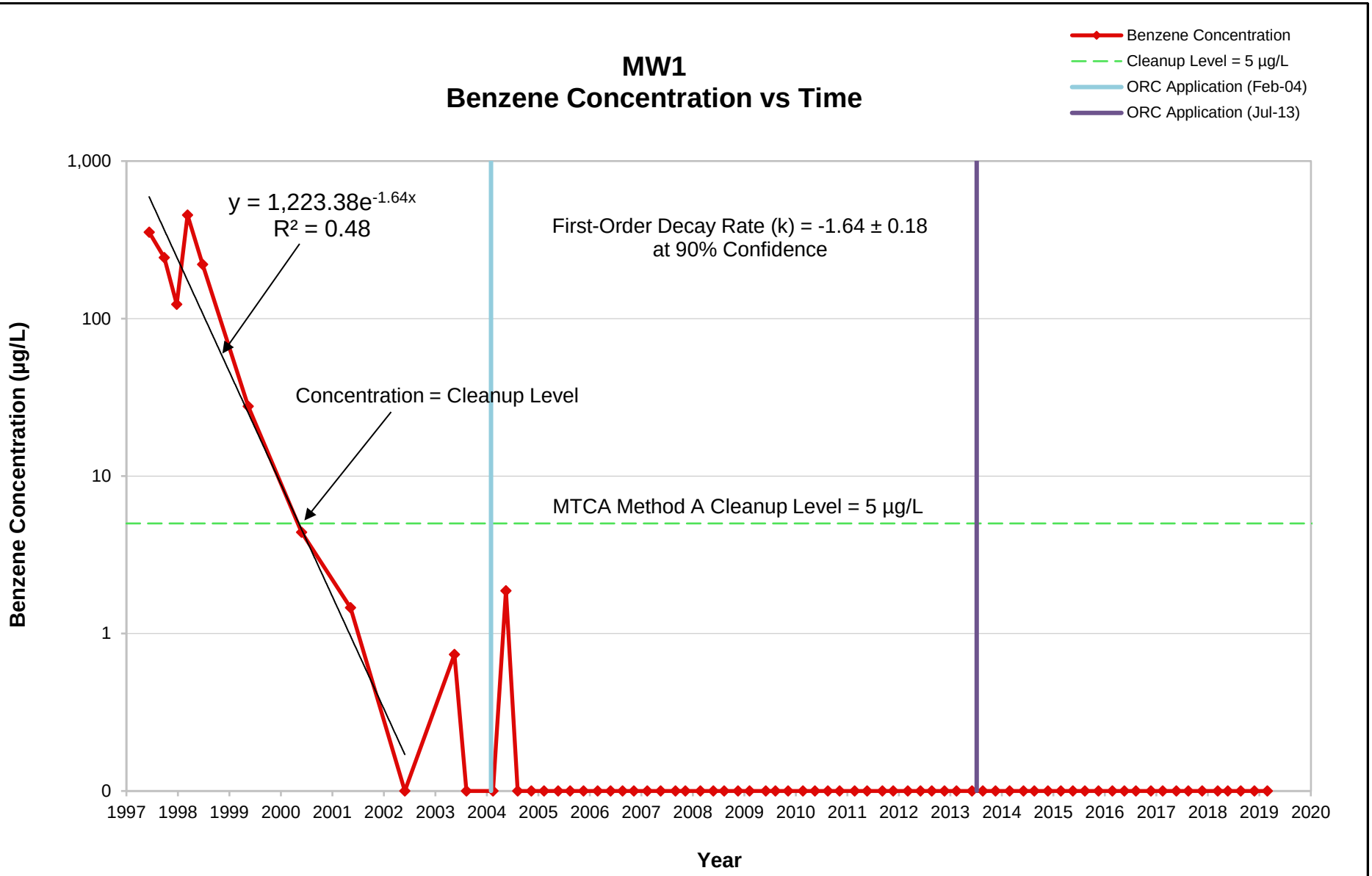
WCEC
ENVIRONMENTAL CONSULTANTS

FIGURE 10

MW3 - WTPH-Diesel Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM



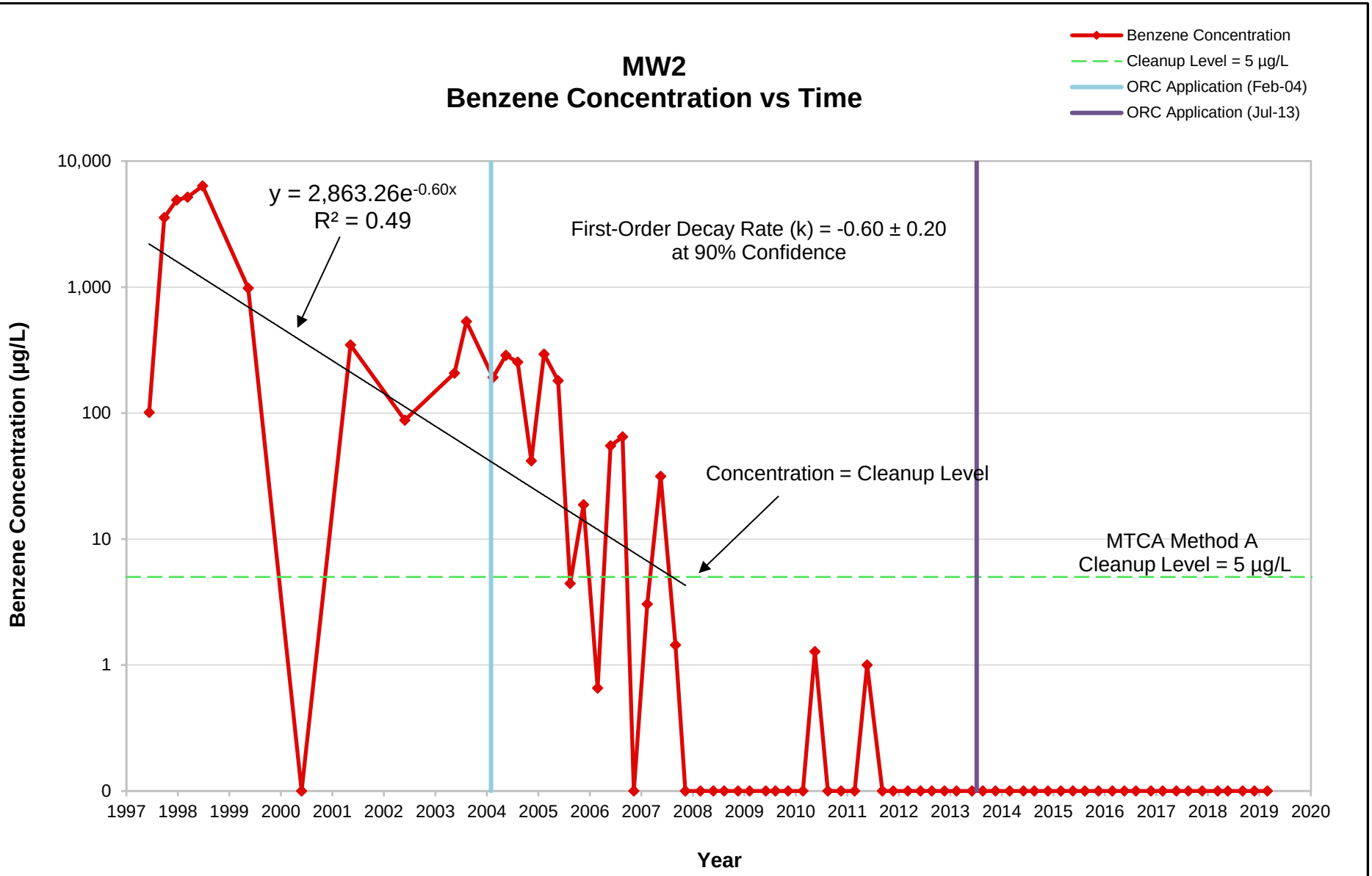
WCEC
ENVIRONMENTAL CONSULTANTS

FIGURE 11

MW1 - Benzene Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM



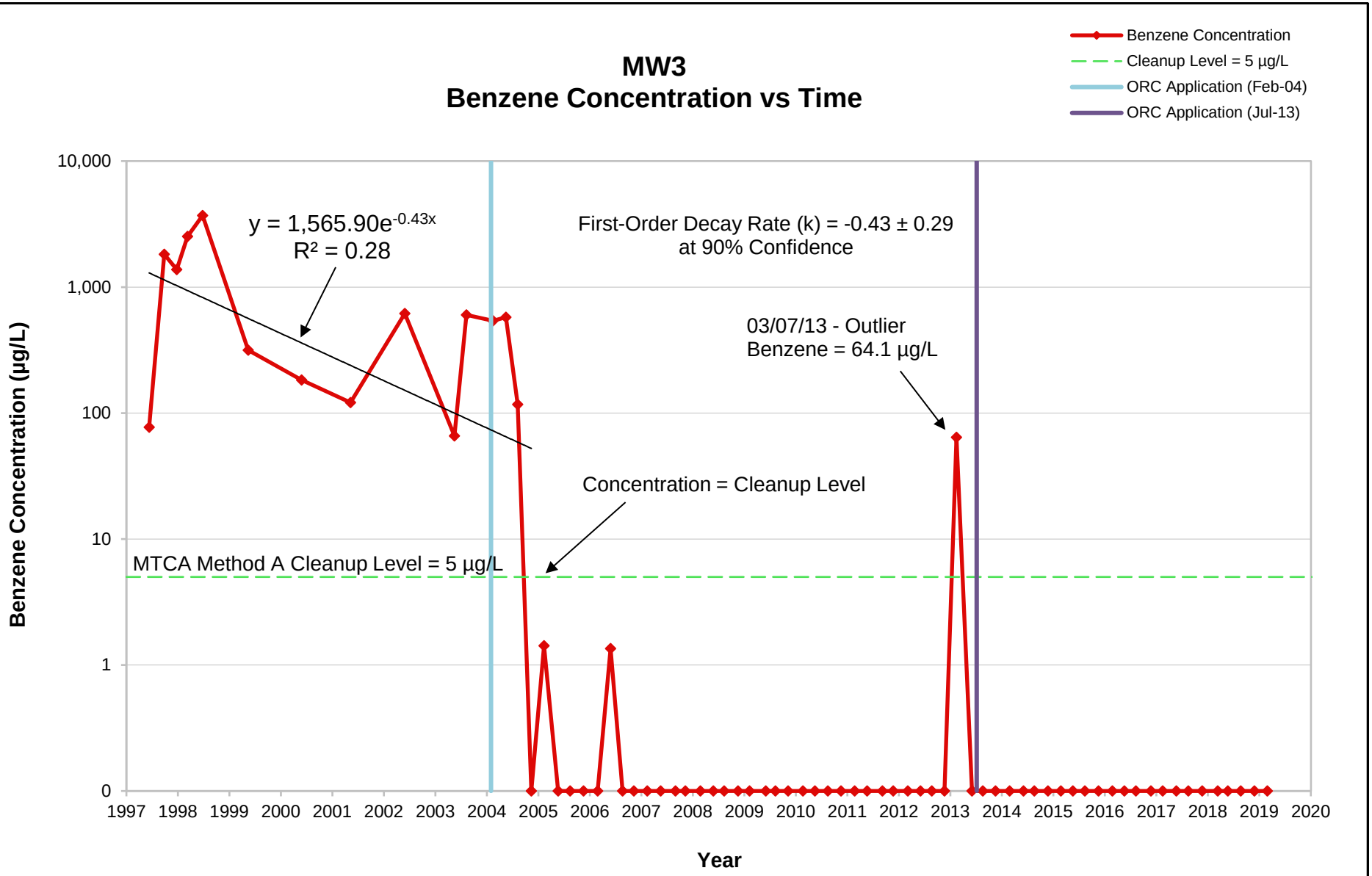
WCEC
ENVIRONMENTAL CONSULTANTS

FIGURE 12

MW2 - Benzene Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM



WCEC
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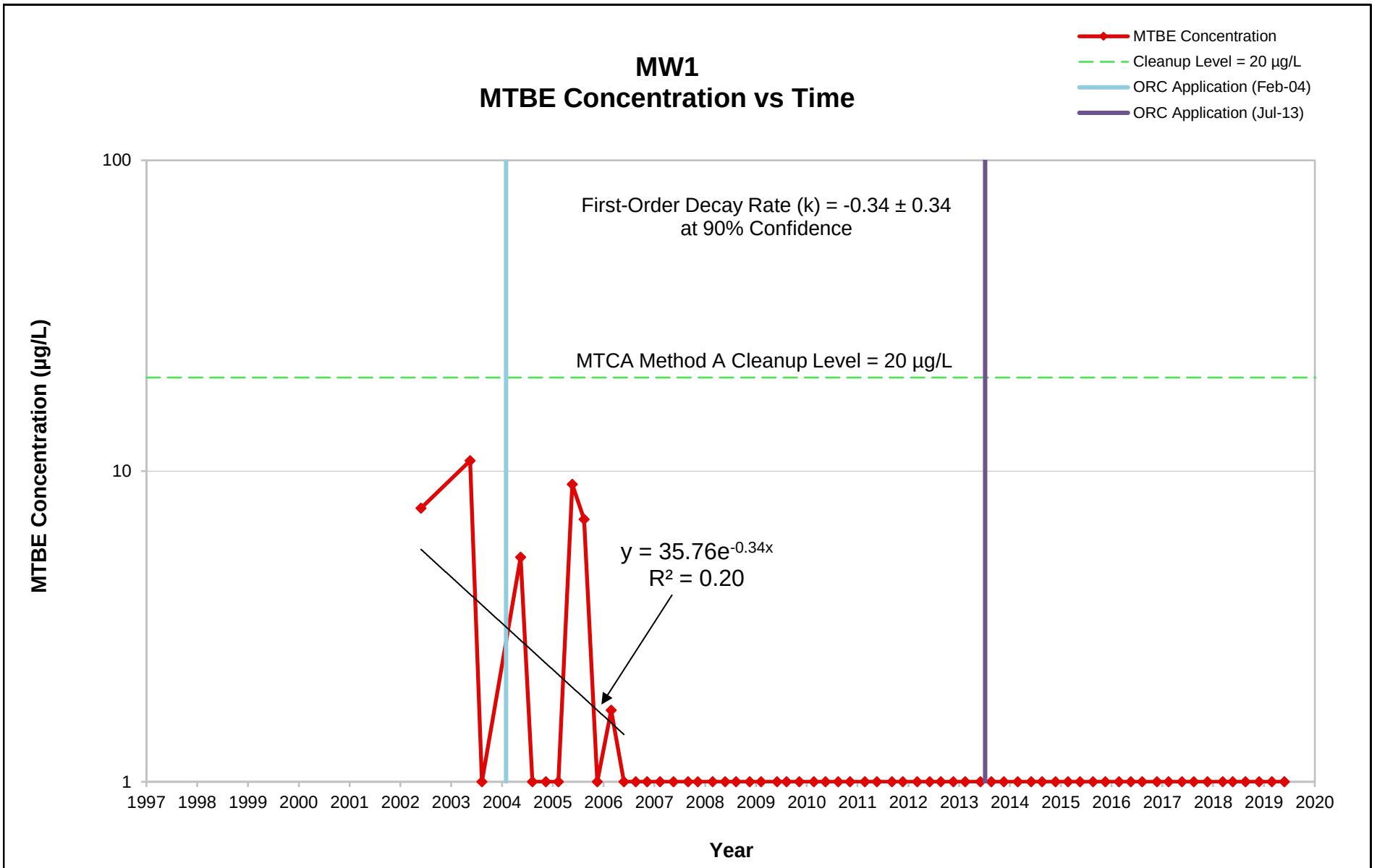
FIGURE 13

MW3 - Benzene Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM



WCEC
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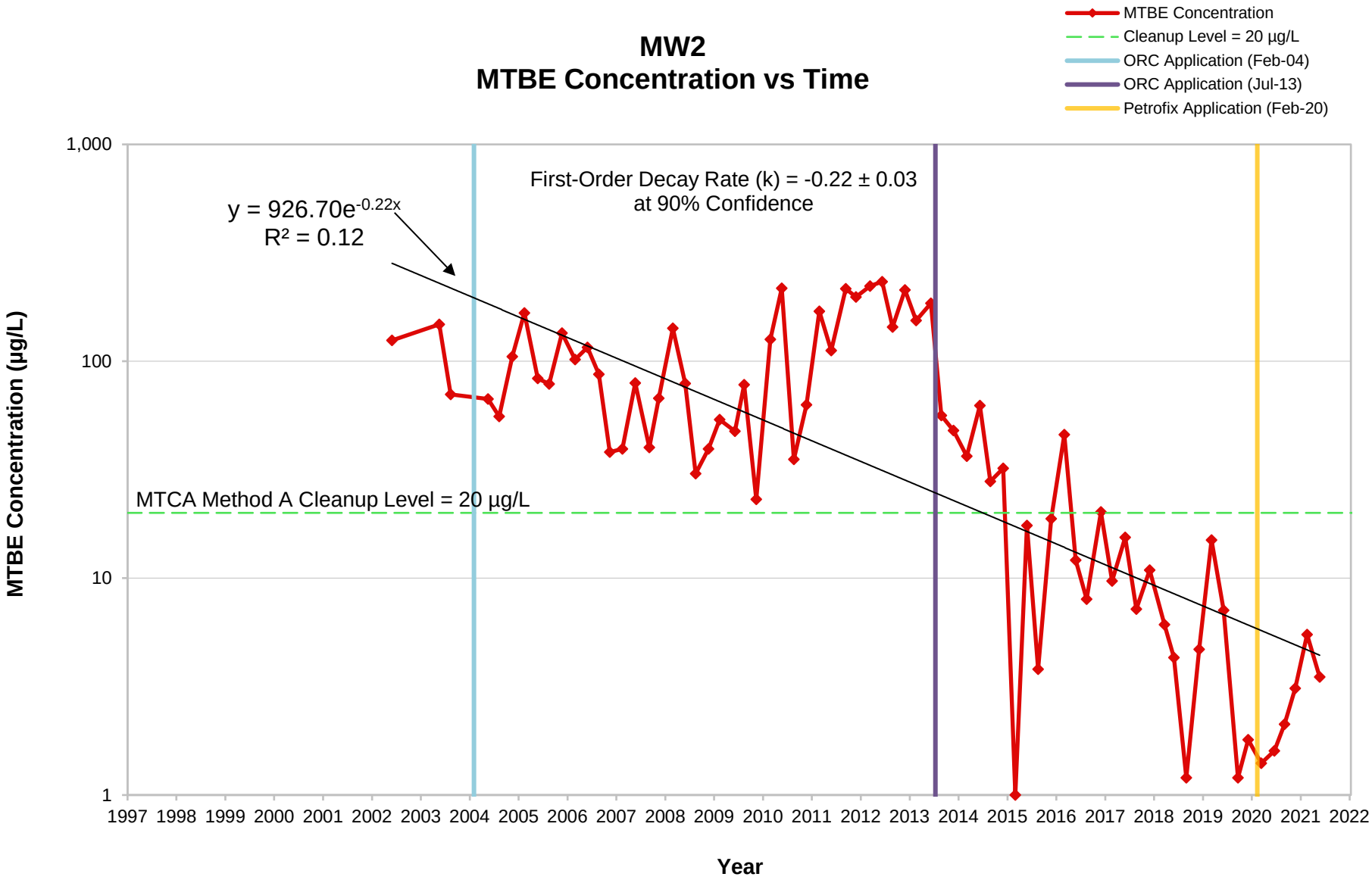
FIGURE 14

MW1 - MTBE Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM



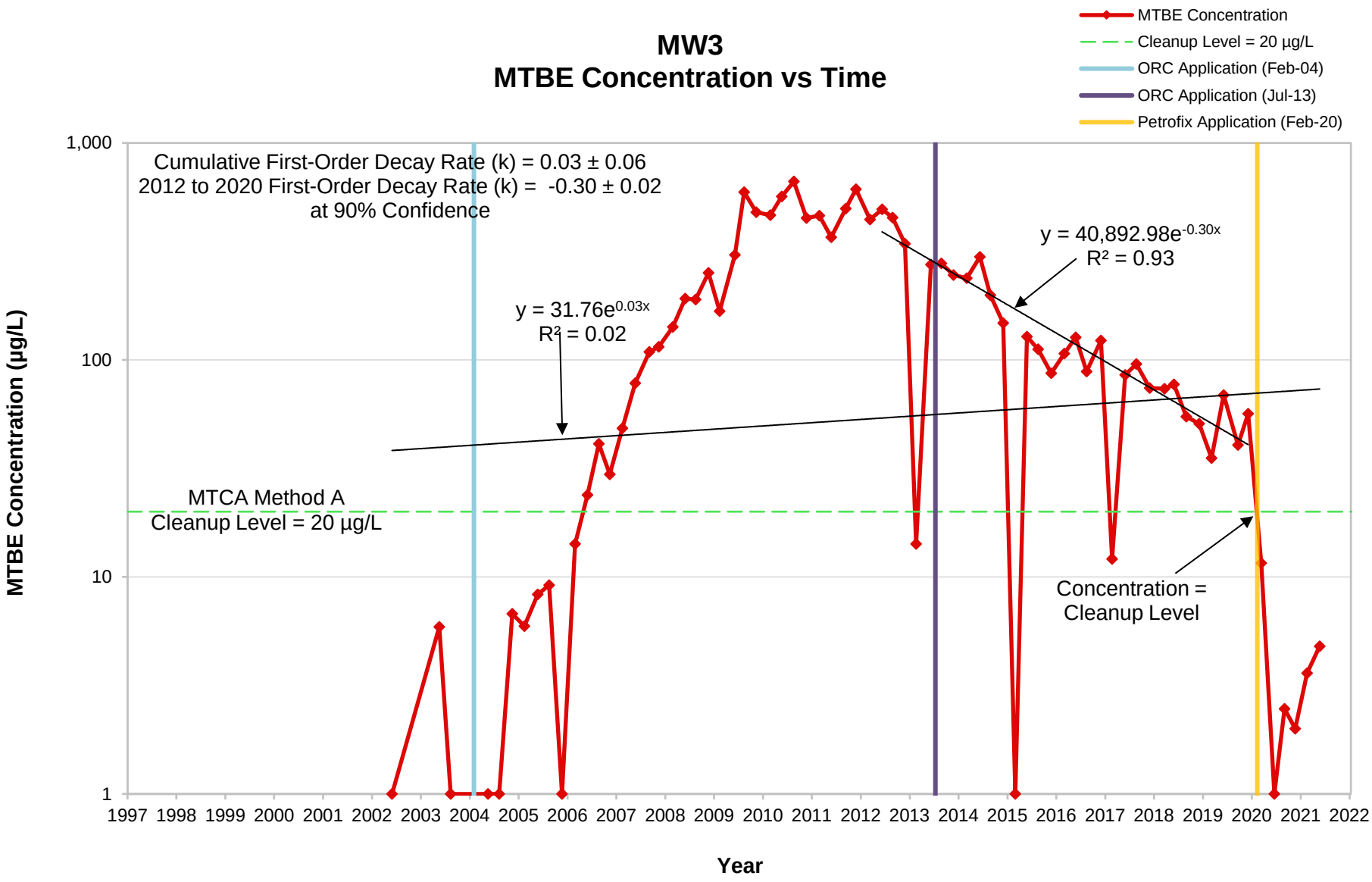
WCEC
ENVIRONMENTAL CONSULTANTS

FIGURE 15

MW2 - MTBE Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM



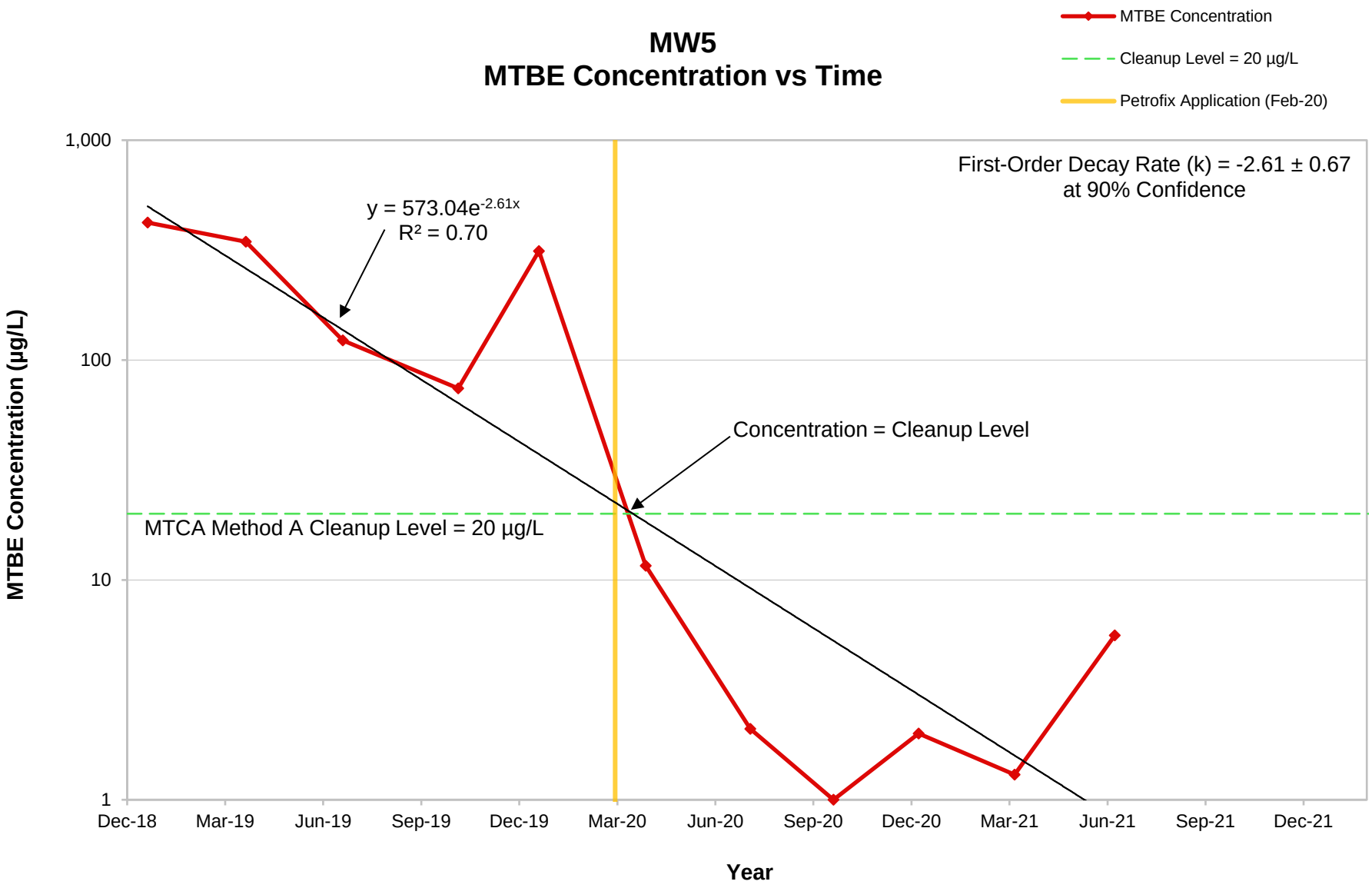
WCEC
ENVIRONMENTAL CONSULTANTS

FIGURE 16

MW3 - MTBE Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM



WCEC
ENVIRONMENTAL CONSULTANTS

FIGURE 17

MW5 - MTBE Concentration vs Time

Bleyhl Farm Service
1720 Eastway Drive
Sunnyside, WA

Date: 08/05/21	File: 1462\mwgraph.xls	Prjct No: 97-1462-90	Drawn by: MM

Tables

TABLE 1
Groundwater Elevation
Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW1				
	07/08/97	753.62	7.05	746.57
	10/23/97	753.62	7.20	746.42
	01/20/98	753.62	6.58	747.04
	04/07/98	753.62	6.95	746.67
	07/22/98	753.62	7.25	746.37
	06/10/99	753.62	6.84	746.78
	06/22/00	753.62	6.91	746.71
	06/04/01	753.62	6.94	746.68
	06/24/02	753.62	7.02	746.60
	06/11/03	753.62	6.91	746.71
	09/04/03	753.62	7.18	746.44
	03/10/04	753.62	6.29	747.33
	06/09/04	753.62	6.46	747.16
	09/01/04	753.62	6.81	746.81
	12/07/04	753.62	6.81	746.81
	03/07/05	753.62	6.82	746.80
	06/15/05	753.62	7.29	746.33
	09/07/05	753.62	7.69	745.93
	12/12/05	753.62	6.88	746.74
	03/21/06	753.62	6.56	747.06
	06/21/06	753.62	6.84	746.78
	09/14/06	753.62	7.69	745.93
	12/04/06	753.62	7.59	746.03
	03/08/07	753.62	7.29	746.33
	06/12/07	753.62	7.01	746.61
	09/25/07	753.62	7.59	746.03
	12/04/07	753.62	6.76	746.86
	03/19/08	753.62	6.75	746.87
	06/18/08	753.62	7.12	746.50
	09/04/08	753.62	7.42	746.20
	12/10/08	753.62	7.48	746.14
	03/02/09	753.62	6.94	746.68
	06/25/09	753.62	7.69	745.93
	09/01/09	753.62	7.78	745.84
	12/01/09	753.62	7.20	746.42
	03/16/10	753.62	6.76	746.86
	06/08/10	753.62	6.29	747.33
	09/08/10	753.62	7.09	746.53
	12/01/10	753.62	6.94	746.68
	03/17/11	753.62	6.65	746.97
	06/13/11	753.62	6.59	747.03
	09/29/11	753.62	6.75	746.87
	12/15/11	753.62	7.32	746.30
	03/28/12	753.62	7.05	746.57
	06/26/12	753.62	6.70	746.92
	09/13/12	753.62	7.16	746.46
	12/13/12	753.62	6.56	747.06
	03/07/13	753.62	6.94	746.68
	06/26/13	753.62	6.26	747.36
	09/11/13	753.62	6.77	746.85
	12/10/13	753.62	7.42	746.20
	03/20/14	753.62	6.77	746.85

All measurements in feet (ft).

TABLE 1 Continued (Page 2 of 7 Pages)

Groundwater Elevation

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW1				
	06/25/14	753.62	7.04	746.58
	09/11/14	753.62	7.15	746.47
	12/16/14	753.62	6.63	746.99
	03/17/15	753.62	6.56	747.06
	06/11/15	753.62	6.87	746.75
	09/03/15	753.62	7.62	746.00
	12/10/15	753.62	6.33	747.29
	03/16/16	753.62	6.46	747.16
	06/09/16	753.62	7.22	746.40
	08/30/16	753.62	7.55	746.07
	12/14/16	753.62	6.75	746.87
	03/08/17	753.62	5.22	748.40
	06/13/17	753.62	6.98	746.64
	09/05/17	753.62	7.35	746.27
	12/13/17	753.62	6.97	746.65
	04/02/18	753.62	7.03	746.59
	06/12/18	753.62	6.99	746.63
	09/12/18	753.62	7.36	746.26
	12/18/18	753.62	6.62	747.00
	03/20/19	753.62	5.82	747.80
	06/18/19	753.62	6.93	746.69
	10/03/19	753.62	7.34	746.28
	12/17/19	753.62	7.31	746.31
	03/25/20	753.62	7.33	746.29
	06/30/20	753.62	7.12	746.50
	09/15/20	753.62	7.29	746.33
	12/03/20	753.62	7.25	746.37
	03/02/21	753.62	6.65	746.97
	06/03/21	753.62	7.04	746.58

All measurements in feet (ft).

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TABLE 1 Continued (Page 3 of 7 Pages)

Groundwater Elevation

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW2				
	07/08/97	752.29	5.86	746.43
	10/23/97	752.29	5.99	746.30
	01/20/98	752.29	5.37	746.92
	04/07/98	752.29	5.77	746.52
	07/22/98	752.29	6.09	746.20
	06/10/99	752.29	5.65	746.64
	06/22/00	752.29	5.75	746.54
	06/04/01	752.29	5.77	746.52
	06/24/02	752.29	5.85	746.44
	06/11/03	752.29	5.72	746.57
	09/04/03	752.29	6.01	746.28
	03/10/04	752.29	5.09	747.20
	06/09/04	752.29	5.22	747.07
	09/01/04	752.29	5.66	746.63
	12/07/04	752.29	5.55	746.74
	03/07/05	752.29	5.56	746.73
	06/15/05	752.29	6.12	746.17
	09/07/05	752.29	6.51	745.78
	12/12/05	752.29	5.71	746.58
	03/21/06	752.29	5.36	746.93
	06/21/06	752.29	5.67	746.62
	09/14/06	752.29	6.53	745.76
	12/04/06	752.29	6.44	745.85
	03/08/07	752.29	6.07	746.22
	06/12/07	752.29	5.83	746.46
	09/25/07	752.29	6.42	745.87
	12/04/07	752.29	5.53	746.76
	03/19/08	752.29	5.57	746.72
	06/18/08	752.29	5.94	746.35
	09/04/08	752.29	6.24	746.05
	12/10/08	752.29	6.31	745.98
	03/02/09	752.29	5.70	746.59
	06/25/09	752.29	6.53	745.76
	09/01/09	752.29	6.57	745.72
	12/01/09	752.29	5.99	746.30
	03/16/10	752.29	5.58	746.71
	06/08/10	752.29	5.11	747.18
	09/08/10	752.29	5.89	746.40
	12/01/10	752.29	5.77	746.52
	03/17/11	752.29	5.46	746.83
	06/13/11	752.29	5.38	746.91
	09/29/11	752.29	5.52	746.77
	12/15/11	752.29	6.13	746.16
	03/28/12	752.29	5.85	746.44
	06/26/12	752.29	5.51	746.78
	09/13/12	752.29	5.94	746.35
	12/13/12	752.29	5.36	746.93
	03/07/13	752.29	5.73	746.56
	06/26/13	752.29	5.03	747.26
	09/11/13	752.29	5.55	746.74
	12/10/13	752.29	6.29	746.00
	03/20/14	752.29	5.57	746.72

All measurements in feet (ft).

TABLE 1 Continued (Page 4 of 7 Pages)

Groundwater Elevation

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW2				
	06/25/14	752.29	5.82	746.47
	09/11/14	752.29	5.97	746.32
	12/16/14	752.29	6.44	745.85
	03/17/15	752.29	5.42	746.87
	06/11/15	752.29	5.63	746.66
	09/03/15	752.29	6.39	745.90
	12/10/15	752.29	5.12	747.17
	03/16/16	752.29	5.26	747.03
	06/09/16	752.29	6.02	746.27
	08/30/16	752.29	6.34	745.95
	12/14/16	752.29	5.53	746.76
	03/08/17	752.29	4.09	748.20
	06/13/17	752.29	5.78	746.51
	09/05/17	752.29	6.15	746.14
	12/13/17	752.29	5.78	746.51
	04/02/18	752.29	5.85	746.44
	06/12/18	752.29	5.81	746.48
	09/12/18	752.29	6.17	746.12
	12/18/18	752.29	5.42	746.87
	03/20/19	752.29	4.63	747.66
	06/18/19	752.29	5.71	746.58
	10/03/19	752.29	6.14	746.15
	12/17/19	752.29	6.10	746.19
	03/25/20	752.29	6.12	746.17
	06/30/20	752.29	5.92	746.37
	09/15/20	752.29	6.07	746.22
	12/03/20	752.29	6.08	746.21
	03/02/21	752.29	5.41	746.88
	06/03/21	752.29	5.84	746.45

All measurements in feet (ft).

TABLE 1 Continued (Page 5 of 7 Pages)

Groundwater Elevation

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW3				
	07/08/97	752.76	6.29	746.47
	10/23/97	752.76	6.59	746.17
	01/20/98	752.76	5.99	746.77
	04/07/98	752.76	6.36	746.40
	07/22/98	752.76	6.67	746.09
	06/10/99	752.76	6.24	746.52
	06/22/00	752.76	6.32	746.44
	06/04/01	752.76	6.37	746.39
	06/24/02	752.76	6.43	746.33
	06/11/03	752.76	6.36	746.40
	09/04/03	752.76	6.61	746.15
	03/10/04	752.76	5.69	747.07
	06/09/04	752.76	5.88	746.88
	09/01/04	752.76	6.27	746.49
	12/07/04	752.76	6.16	746.60
	03/07/05	752.76	6.14	746.62
	06/15/05	752.76	6.67	746.09
	09/07/05	752.76	7.07	745.69
	12/12/05	752.76	6.25	746.51
	03/21/06	752.76	5.96	746.80
	06/21/06	752.76	6.25	746.51
	09/14/06	752.76	7.11	745.65
	12/04/06	752.76	6.97	745.79
	03/08/07	752.76	6.68	746.08
	06/12/07	752.76	6.42	746.34
	09/25/07	752.76	6.97	745.79
	12/04/07	752.76	6.15	746.61
	03/19/08	752.76	6.13	746.63
	06/18/08	752.76	6.53	746.23
	09/04/08	752.76	6.84	745.92
	12/10/08	752.76	6.89	745.87
	03/02/09	752.76	6.37	746.39
	06/25/09	752.76	7.12	745.64
	09/01/09	752.76	7.15	745.61
	12/01/09	752.76	6.59	746.17
	03/16/10	752.76	6.17	746.59
	06/08/10	752.76	5.71	747.05
	09/08/10	752.76	6.48	746.28
	12/01/10	752.76	6.39	746.37
	03/17/11	752.76	6.06	746.70
	06/13/11	752.76	6.02	746.74
	09/29/11	752.76	6.14	746.62
	12/15/11	752.76	6.72	746.04
	03/28/12	752.76	6.46	746.30
	06/26/12	752.76	6.14	746.62
	09/13/12	752.76	6.57	746.19
	12/13/12	752.76	5.98	746.78
	03/07/13	752.76	6.35	746.41
	06/26/13	752.76	5.68	747.08
	09/11/13	752.76	6.19	746.57
	12/10/13	752.76	6.82	745.94
	03/20/14	752.76	6.18	746.58

All measurements in feet (ft).

TABLE 1 Continued (Page 6 of 7 Pages)

Groundwater Elevation

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW3				
	06/25/14	752.76	6.44	746.32
	09/11/14	752.76	6.58	746.18
	12/16/14	752.76	6.05	746.71
	03/17/15	752.76	6.03	746.73
	06/11/15	752.76	6.24	746.52
	09/03/15	752.76	7.00	745.76
	12/10/15	752.76	5.75	747.01
	03/16/16	752.76	5.88	746.88
	06/09/16	752.76	6.61	746.15
	08/30/16	752.76	6.94	745.82
	12/14/16	752.76	6.09	746.67
	03/08/17	752.76	4.71	748.05
	06/13/17	752.76	6.37	746.39
	09/05/17	752.76	6.76	746.00
	12/13/17	752.76	6.38	746.38
	04/02/18	752.76	6.45	746.31
	06/12/18	752.76	6.41	746.35
	09/12/18	752.76	6.77	745.99
	12/18/18	752.76	6.04	746.72
	03/20/19	752.76	5.27	747.49
	06/18/19	752.76	6.35	746.41
	10/03/19	752.76	6.74	746.02
	12/17/19	752.76	6.70	746.06
	03/25/20	752.76	6.75	746.01
	06/30/20	752.76	6.50	746.26
	09/15/20	752.76	6.67	746.09
	12/03/20	752.76	6.65	746.11
	03/02/21	752.76	6.02	746.74
	06/03/21	752.76	6.40	746.36

All measurements in feet (ft).

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TABLE 1 Continued (Page 7 of 7 Pages)

Groundwater Elevation

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Top of Casing Elevation	Depth to Groundwater	Groundwater Elevation
MW4				
	12/19/18	752.63	5.69	746.94
	03/20/19	752.63	4.78	747.85
	06/18/19	752.63	5.90	746.73
	10/03/19	752.63	6.33	746.30
	12/17/19	752.63	6.29	746.34
	03/25/20	752.63	6.33	746.30
	06/30/20	752.63	6.06	746.57
	09/15/20	752.63	6.24	746.39
	12/03/20	752.63	6.25	746.38
	03/02/21	752.63	5.59	747.04
	06/03/21	752.63	6.02	746.61
MW5				
	12/19/18	752.43	5.91	746.52
	03/20/19	752.43	5.03	747.40
	06/18/19	752.43	6.08	746.35
	10/03/19	752.43	6.51	745.92
	12/17/19	752.43	6.47	745.96
	03/25/20	752.43	6.50	745.93
	06/30/20	752.43	6.27	746.16
	09/15/20	752.43	6.39	746.04
	12/03/20	752.43	6.40	746.03
	03/02/21	752.43	5.78	746.65
	06/03/21	752.43	6.19	746.24
MW6				
	12/19/18	752.36	6.17	746.19
	03/20/19	752.36	5.31	747.05
	06/18/19	752.36	6.31	746.05
	10/03/19	752.36	6.68	745.68
	12/17/19	752.36	6.67	745.69
	03/25/20	752.36	6.72	745.64
	06/30/20	752.36	6.51	745.85
	09/15/20	752.36	6.61	745.75
	12/03/20	752.36	6.61	745.75
	03/02/21	752.36	6.03	746.33
	06/03/21	752.36	6.41	745.95

All measurements in feet (ft).

97-1462-90

TABLE 2

Cumulative Groundwater Analytical Results

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Sample Date	WTPH-Gas (mg/L)	WTPH-Diesel (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)
MW1									
	07/08/97	**2.99**	**1.91**	**354**	749	115	411	NA	NA
	10/23/97	0.536	**2.69**	**244**	8.99	21.5	15.3	NA	NA
	01/20/98	**0.943**	**7.6**	**123**	2.4	1.1	4.5	NA	NA
	04/07/98	**0.988**	**4.92**	**454**	8.47	31.1	21.9	NA	NA
	07/22/98	0.734	**4.01**	**221**	2.6	22.6	9.8	NA	NA
	06/10/99	0.0713	**4.18**	**27.7**	ND	0.524	ND	NA	NA
	06/22/00	0.141	**1.9**	4.4	<0.5	<0.5	<0.5	NA	NA
	06/04/01	0.0796	**0.599**	1.46	ND	ND	ND	NA	NA
	06/24/02	<0.1	**0.573**	<0.5	<2	<1	<1.5	7.6	NA
	06/11/03	<0.1	0.469	0.737	<2	<1	<1.5	10.8	NA
	09/04/03	0.114	<0.25	<0.5	2.69	<1	21.1	<5	NA
	03/10/04	<0.1	0.363	<0.5	<2	<1	<1.5	NA	NA
	06/09/04	<0.1	NA	1.87	<2	<1	<1.5	5.28	NA
	09/01/04	<0.1	0.263	<0.5	<2	<1	<1.5	<5	NA
	12/07/04	<0.1	0.423	<0.5	<2	<1	<1.5	<5	NA
	03/07/05	<0.1	**0.657**	<0.5	2.43	<1	<1.5	<5	NA
	06/15/05	<0.1	**1.3**	<0.5	<2	<1	<1.5	9.06	NA
	09/07/05	<0.1	**1.27**	<0.5	<2	<1	<1.5	7	NA
	12/12/05	<0.1	**1.02**	<0.5	<2	<1	<1.5	<5	NA
	03/21/06	<0.05	**1.69**	<0.5	<0.5	<0.5	<1	1.7	NA
	06/21/06	<0.1	**1.54**	<0.5	<2	<1	<1.5	<5	NA
	09/14/06	<0.1	**0.998**	<0.5	<2	<1	<1.5	<5	NA
	12/04/06	<0.1	**0.89**	<0.5	<2	<1	<1.5	<1	NA
	03/08/07	<0.1	**1.23**	<0.5	<2	<1	<1.5	<5	NA
	06/12/07	<0.1	**1.39**	<0.5	<2	<1	<1.5	<5	NA
	09/25/07	<0.1	**0.825**	<0.5	<2	<1	<1.5	<5	NA
	12/04/07	<0.2	**0.962**	<0.2	<1	<1	<1	<1	NA
	03/19/08	<0.1	**1.76**	<0.5	<2	<1	<1.5	<5	NA
	06/18/08	<0.1	**1.44**	<0.5	<2	<1	1.71	<5	NA
	09/04/08	<0.1	**1.69**	<0.5	<2	<1	<1.5	<5	NA
	12/10/08	<0.1	**1.28**	<0.2	<1	<1	<1	<1	NA
	03/02/09	<0.1	**0.693**	<0.5	<2	<1	<1.5	<5	NA
	06/25/09	<0.1	**1.59**	<0.5	<2	<1	<1.5	<1	NA
	09/01/09	<0.1	**1.58**	<0.2	<1	<1	<2	<1	NA
	12/01/09	<0.1	**0.962**	<0.2	<1	<1	<2	<1	NA
	03/16/10	<0.1	**1.49**	<0.2	<1	<1	<2	<1	NA
	06/08/10	<0.1	0.325	<0.2	<1	<1	<3	<1	NA
	09/08/10	<0.1	**1.59**	<0.2	<1	<1	<3	<1	NA
	12/01/10	<0.1	**1.00**	<0.2	<1	<1	<3	<1	NA
	03/17/11	<0.05	0.096	<1	<1	<1	<3	<1	NA
	06/13/11	<0.05	<0.076	<1	<1	<1	<3	<1	NA
	09/29/11	<0.05	0.084	<1	<1	<1	<3	<1	NA
	12/15/11	<0.05	<0.077	<1	<1	<1	<3	<1	NA
	03/28/12	<0.05	<0.076	<1	<1	<1	<3	<1	NA
	06/26/12	<0.05	<0.080	<1	<1	<1	<3	<1	NA
	09/13/12	<0.05	0.098	<1	<1	<1	<3	<1	NA
	12/13/12	<0.1	<0.11	<1	<1	<1	<3	<1	NA
	03/07/13	<0.1	<0.44	<1	<1	<1	<3	<1	NA
	06/26/13	<0.1	**1.1**	<1	<1	<1	<3	<1	NA
	09/11/13	<0.1	0.45	<1	<1	<1	<3	<1	NA
	12/10/13	<0.1	<0.43	<1	<1	<1	<3	<1	NA
	03/20/14	<0.1	<0.43	<1	<1	<1	<3	<1	NA
	06/25/14	<0.1	<0.42	<1	<1	<1	<3	<1	NA
Clean Up Level		0.8	0.5	5	1000	700	1000	20	15

Bold indicates that the constituent exceeds the MTCA Method A cleanup level.

97-1462-90

(ND) Not detected above the practical quantitation limit. (NA) Not analyzed.

TABLE 2 Continued (Page 2 of 7 Pages)

Cumulative Groundwater Analytical Results

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Sample Date	WTPH-Gas (mg/L)	WTPH-Diesel (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)
MW1									
	09/11/14	<0.1	<0.40	<1	<1	<1	<3	<1	NA
	12/16/14	<0.1	<0.40	<1	<1	<1	<3	<1	NA
	03/17/15	<0.1	<0.11	<1	<1	<1	<3	<1	NA
	06/11/15	<0.1	<0.42	<1	<1	<1	<3	<1	NA
	09/03/15	<0.1	**0.56**	<1	<1	<1	<3	<1	NA
	12/10/15	<0.1	0.17	<1	<1	<1	<3	<1	NA
	03/16/16	<0.1	<0.39	<1	<1	<1	<3	<1	NA
	06/09/16	<0.25	<0.18	<0.5	<0.5	<0.5	<1.5	<0.5	NA
	08/30/16	<0.25	<0.18	<0.5	<0.5	<0.5	<1.5	<0.5	NA
	12/14/16	<0.1	<0.44	<1	<1	<1	<3	<1	NA
	03/08/17	<0.1	<0.43	<1	<1	<1	<3	<10	NA
	06/13/17	<0.1	<0.44	<1	<1	<1	<3	<1	NA
	09/05/17	<0.1	0.34	<1	<1	<1	<3	<1	NA
	12/13/17	<0.1	**1.00**	<1	<1	<1	<3	<1	NA
	04/02/18	<0.1	<0.38	<1	<1	<1	<3	<1	<10
	06/12/18	<0.1	<0.38	<1	<1	<1	<3	<1	NA
	09/12/18	<0.1	**0.62**	<1	<1	<1	<3	<1	NA
	12/18/18	<0.1	<0.40	<1	<1	<1	<3	<1	<10
	03/20/19	<0.1	<0.45	<1	<1	<1	<3	<1	<10
	06/18/19	NA	<0.40	NA	NA	NA	NA	NA	NA
	10/03/19	NA	**0.62**	NA	NA	NA	NA	NA	NA
	12/17/19	NA	<0.40	NA	NA	NA	NA	NA	NA
	03/25/20	NA	<0.48	NA	NA	NA	NA	NA	NA
	06/30/20	NA	<0.42	NA	NA	NA	NA	NA	NA
	09/15/20	NA	**0.52**	NA	NA	NA	NA	NA	NA
	12/03/20	NA	<0.40	NA	NA	NA	NA	NA	NA
	03/02/21	NA	<0.43	NA	NA	NA	NA	NA	NA
	06/03/21	NA	<0.42	NA	NA	NA	NA	NA	NA
Clean Up Level		0.8	0.5	5	1000	700	1000	20	15

Bold indicates that the constituent exceeds the MTCA Method A cleanup level. 97-1462-90

(ND) Not detected above the practical quantitation limit. (NA) Not analyzed.

TABLE 2

Cumulative Groundwater Analytical Results

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Sample Date	WTPH-Gas (mg/L)	WTPH-Diesel (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)
MW2									
	07/08/97	**1.36**	**0.717**	**101**	291	49.5	222	NA	NA
	10/23/97	**4.69**	0.2	**3550**	250	25	369	NA	NA
	01/20/98	**12.2**	**9.1**	**4900**	423	18	**1780**	NA	NA
	04/07/98	**9.18**	0.403	**5160**	538	39.4	780	NA	NA
	07/22/98	**9.73**	0.2	**6340**	967	125	**1540**	NA	NA
	06/10/99	ND	**1.05**	**979**	22.7	ND	42.5	NA	NA
	06/22/00	0.066	<0.53	<0.5	<0.5	<0.5	<0.5	NA	NA
	06/04/01	**1.50**	<0.25	**347**	7.42	5.93	21.6	NA	NA
	06/24/02	0.35	0.343	**87.9**	3.22	6.19	15.2	**125**	NA
	06/11/03	0.705	<0.25	**207**	4.17	20.1	48.9	**148**	NA
	09/04/03	**0.88**	<0.25	**532**	<2	4.25	7.99	**70.3**	NA
	03/10/04	0.794	**0.612**	**192**	2.93	1.49	8.47	NA	NA
	06/09/04	0.661	NA	**287**	<2	<1	22.6	**67**	NA
	09/01/04	0.783	<0.25	**254**	<2	4.34	18.6	**55.7**	NA
	12/07/04	0.325	<0.25	**41.8**	<2	<1	3.92	**105**	NA
	03/07/05	**0.808**	**1.16**	**294**	<10	<5	<7.5	**167**	NA
	06/15/05	0.357	<0.25	**181**	<2	<1	<1.5	**83.4**	NA
	09/07/05	<0.1	<0.25	4.44	<2	<1	<1.5	**78.5**	NA
	12/12/05	0.608	0.456	**18.7**	<2	1.86	5.63	**135**	NA
	03/21/06	<0.05	0.341	0.656	<0.5	<0.5	<1	**102**	NA
	06/21/06	0.186	0.26	**55**	<2	<1	<1.5	**116**	NA
	09/14/06	0.224	<0.25	**64.8**	<2	<1	<1.5	**87.2**	NA
	12/04/06	<0.1	<0.278	<0.5	<2	<1	<1.5	**38.1**	NA
	03/08/07	<0.1	<0.25	3.04	<2	<1	<1.5	**39.4**	NA
	06/12/07	0.111	<0.25	**31.4**	<2	<1	4.24	**79.3**	NA
	09/25/07	<0.1	<0.25	1.44	<2	<1	<1.5	**40**	NA
	12/04/07	<0.2	<0.25	<2	<10	<10	<10	**67.5**	NA
	03/19/08	<0.1	0.404	<0.5	<2	<1	<1.5	**142**	NA
	06/18/08	<0.1	<0.263	<0.5	<2	<1	2.09	**78.9**	NA
	09/04/08	<0.1	<0.245	<0.5	<2	<1	<1.5	**30.3**	NA
	12/10/08	<0.1	<0.278	<0.8	<4	<4	<4	**39.4**	NA
	03/02/09	<0.1	<0.253	<0.5	<2	<1	<1.5	**53.9**	NA
	06/25/09	<0.1	<0.236	<0.5	<2	<1	<1.5	**47.6**	NA
	09/01/09	<0.1	<0.25	<0.4	<2	<2	<4	**78**	NA
	12/01/09	<0.1	<0.243	<0.4	<2	<2	<4	**23.1**	NA
	03/16/10	<0.1	0.332	<0.4	<2	<2	<4	**126**	NA
	06/08/10	<0.1	**1.29**	1.28	<1	<1	<3	**217**	NA
	09/08/10	<0.1	<0.245	<0.2	<1	<1	<3	**35.3**	NA
	12/10/10	<0.1	**1.31**	<0.4	<2	<2	<4	**63**	NA
	03/17/11	<0.05	<0.079	<1	<1	<1	<3	**170**	NA
	06/13/11	<0.05	<0.076	1	<1	<1	<3	**112**	NA
	09/29/11	<0.05	<0.076	<1	<1	<1	<3	**216**	NA
	12/15/11	<0.05	<0.077	<1	<1	<1	<3	**198**	NA
	03/28/12	<0.05	<0.077	<1	<1	<1	<3	**222**	NA
	06/26/12	<0.05	<0.078	<1	<1	<1	<3	**233**	NA
	09/13/12	<0.05	<0.076	<1	<1	<1	<3	**144**	NA
	12/13/12	0.271	<0.11	<1	<1	<1	<3	**213**	NA
	03/07/13	<0.1	<0.44	<1	<1	<1	<3	**154**	NA
	06/26/13	<0.1	**0.57**	<1	<1	<1	<3	**185**	NA
	09/11/13	<0.1	**0.5**	<1	<1	<1	<3	**56.2**	NA
	12/10/13	<0.1	<0.43	<1	<1	<1	<3	**48**	NA
	03/20/14	<0.1	<0.42	<1	<1	<1	<3	**36.5**	NA
	06/25/14	<0.1	<0.43	<1	<1	<1	<3	**62.5**	NA
Clean Up Level		0.8	0.5	5	1000	700	1000	20	15

Bold indicates that the constituent exceeds the MTCA Method A cleanup level.

97-1462-90

(ND) Not detected above the practical quantitation limit. (NA) Not analyzed.

TABLE 2 Continued (Page 4 of 7 Pages)

Cumulative Groundwater Analytical Results

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Sample Date	WTPH-Gas (mg/L)	WTPH-Diesel (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)
MW2									
	09/11/14	<0.1	<0.4	<1	<1	<1	<3	**27.9**	NA
	12/16/14	<0.1	<0.4	<1	<1	<1	<3	**32.1**	NA
	03/17/15	<0.1	<0.11	<1	<1	<1	<3	<1	NA
	06/11/15	<0.1	<0.4	<1	<1	<1	<3	17.5	NA
	09/03/15	<0.1	<0.4	<1	<1	<1	<3	3.8	NA
	12/10/15	<0.1	<0.1	<1	<1	<1	<3	18.8	NA
	03/16/16	<0.1	<0.4	<1	<1	<1	<3	**45.9**	NA
	06/09/16	<0.25	<0.18	<0.5	<0.5	<0.5	<1.5	12.1	NA
	08/30/16	<0.25	<0.18	<0.5	<0.5	<0.5	<1.5	8	NA
	12/14/16	<0.1	<0.44	<1	<1	<1	<3	**20.2**	NA
	03/08/17	<0.1	<0.45	<1	<1	<1	<3	9.7	NA
	06/13/17	<0.1	<0.45	<1	<1	<1	<3	15.4	NA
	09/05/17	<0.1	<0.11	<1	<1	<1	<3	7.2	NA
	12/13/17	<0.1	<0.12	<1	<1	<1	<3	10.9	NA
	04/02/18	<0.1	<0.38	<1	<1	<1	<3	6.1	<10
	06/12/18	<0.1	<0.38	<1	<1	<1	<3	4.3	NA
	09/12/18	<0.1	<0.38	<1	<1	<1	<3	1.2	NA
	12/18/18	<0.1	<0.40	<1	<1	<1	<3	4.7	<10
	03/20/19	<0.1	<0.45	<1	<1	<1	<3	15	<10
	06/18/19	NA	NA	NA	NA	NA	NA	7.1	NA
	10/03/19	NA	NA	NA	NA	NA	NA	1.2	NA
	12/17/19	NA	NA	NA	NA	NA	NA	1.8	NA
	03/25/20	NA	NA	NA	NA	NA	NA	1.4	NA
	06/30/20	NA	NA	NA	NA	NA	NA	1.6	NA
	09/15/20	NA	NA	NA	NA	NA	NA	2.12	NA
	12/03/20	NA	NA	NA	NA	NA	NA	3.1	NA
	03/02/21	NA	NA	NA	NA	NA	NA	5.5	NA
	06/03/21	NA	NA	NA	NA	NA	NA	3.5	NA
Clean Up Level		0.8	0.5	5	1000	700	1000	20	15

Bold indicates that the constituent exceeds the MTCA Method A cleanup level. 97-1462-90

(ND) Not detected above the practical quantitation limit. (NA) Not analyzed.

TABLE 2 Continued (Page 5 of 7 Pages)

Cumulative Groundwater Analytical Results

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Sample Date	WTPH-Gas (mg/L)	WTPH-Diesel (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)
MW3									
	07/08/97	**1.01**	0.475	**77.2**	300	40.9	144	NA	NA
	10/23/97	**1.47**	**0.517**	**1820**	32.4	2.25	320	NA	NA
	01/20/98	**3.58**	**3.6**	**1380**	43	1.5	93	NA	NA
	04/07/98	**2.36**	**1.27**	**2520**	58.6	5.68	331	NA	NA
	07/22/98	**6.13**	**0.584**	**3700**	105	7.61	727	NA	NA
	06/10/99	ND	**0.79**	**315**	3.1	ND	22.8	NA	NA
	06/22/00	0.452	<0.5	**183**	<2.5	<2.5	13	NA	NA
	06/04/01	0.396	0.295	**121**	ND	ND	5.03	NA	NA
	06/24/02	**1.29**	0.466	**618**	2.09	<1	25.9	<5	NA
	06/11/03	0.228	0.268	**65.7**	<2	<1	16.9	5.89	NA
	09/04/03	**1.27**	<0.25	**600**	<2	<1	85.3	<5	NA
	03/10/04	**1.99**	**0.609**	**540**	<2	<1	273	NA	NA
	06/09/04	**1.59**	NA	**575**	<2	<1	327	<5	NA
	09/01/04	0.243	<0.25	**117**	<2	<1	7.22	<5	NA
	12/07/04	<0.1	0.313	<0.5	<2	<1	<1.5	6.76	NA
	03/07/05	<0.1	0.386	1.42	<2	<1	<1.5	5.94	NA
	06/15/05	<0.1	0.271	<0.5	<2	<1	<1.5	8.32	NA
	09/07/05	<0.1	0.282	<0.5	<2	<1	<1.5	9.17	NA
	12/12/05	<0.1	0.279	<0.5	<2	<1	<1.5	<5	NA
	03/21/06	<0.05	**0.642**	<0.5	<0.5	<0.5	<1	14.2	NA
	06/21/06	<0.1	0.436	1.35	<2	<1	<1.5	**23.9**	NA
	09/14/06	<0.1	0.25	<0.5	<2	<1	<1.5	**41.1**	NA
	12/04/06	<0.1	0.344	<0.5	<2	<1	<1.5	**29.7**	NA
	03/08/07	<0.1	<0.25	<0.5	<2	<1	<1.5	**48.5**	NA
	06/12/07	<0.1	<0.25	<0.5	<2	<1	<1.5	**78.2**	NA
	09/25/07	<0.1	<0.25	<0.5	<2	<1	<1.5	**109**	NA
	12/04/07	<0.2	0.316	<2	<10	<10	<10	**115**	NA
	03/19/08	<0.1	0.429	<0.5	<2	<1	<1.5	**142**	NA
	06/18/08	<0.1	0.324	<0.5	<2	<1	1.86	**192**	NA
	09/04/08	<0.1	**0.547**	<0.5	<2	<1	<1.5	**190**	NA
	12/10/08	0.258	0.458	<2	<10	<10	<10	**252**	NA
	03/02/09	<0.1	0.346	<0.5	<2	<1	<1.5	**168**	NA
	06/25/09	<0.1	<0.236	<0.5	<2	<1	<1.5	**305**	NA
	09/01/09	<0.1	**0.589**	<0.2	<1	<1	<2	**593**	NA
	12/01/09	<0.1	0.311	<4	<20	<20	<40	**480**	NA
	03/16/10	<0.1	0.353	<4	<20	<20	<40	**465**	NA
	06/08/10	<0.1	0.397	<4	<20	<20	<60	**567**	NA
	09/08/10	<0.1	**0.531**	<4	<20	<20	<60	**664**	NA
	12/10/10	<0.1	0.471	<10	<50	<50	<100	**451**	NA
	03/17/11	<0.05	<0.082	<1	<1	<1	<3	**462**	NA
	06/13/11	<0.05	<0.076	<1	<1	<1	<3	**368**	NA
	09/29/11	<0.05	<0.076	<1	<1	<1	<3	**499**	NA
	12/15/11	<0.05	<0.077	<1	<1	<1	<3	**613**	NA
	03/28/12	<0.05	<0.077	<1	<1	<1	<3	**444**	NA
	06/26/12	<0.05	<0.079	<1	<1	<1	<3	**494**	NA
	09/13/12	<0.05	<0.082	<1	<1	<1	<3	**453**	NA
	12/13/12	0.333	<0.11	<2	<2	<2	<6	**343**	NA
	03/07/13	<0.1	<0.44	**64.1**	14.9	321	212	14.2	NA
	06/26/13	<0.1	0.47	<2	<2	<2	<6	**275**	NA
	09/11/13	<0.1	<0.39	<1	<1	<1	<3	**279**	NA
	12/10/13	<0.1	<0.48	<1	<1	<1	<3	**246**	NA
	03/20/14	<0.1	<0.42	<1	<1	<1	<3	**238**	NA
	06/25/14	<0.1	<0.42	<5	<5	<5	<15	**299**	NA
Clean Up Level		0.8	0.5	5	1000	700	1000	20	15

Bold indicates that the constituent exceeds the MTCA Method A cleanup level.

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(ND) Not detected above the practical quantitation limit. (NA) Not analyzed.

TABLE 2 Continued (Page 6 of 7 Pages)

Cumulative Groundwater Analytical Results

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Sample Date	WTPH-Gas (mg/L)	WTPH-Diesel (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)
MW3									
	09/11/14	<0.1	<0.40	<1	<1	<1	<3	**199**	NA
	12/16/14	<0.1	<0.40	<1	<1	<1	<3	**148**	NA
	03/17/15	<0.1	<0.11	<1	<1	<1	<3	<1	NA
	06/11/15	<0.1	<0.42	<1	<1	<1	<3	**128**	NA
	09/03/15	<0.1	<0.40	<1	<1	<1	<3	**112**	NA
	12/10/15	<0.1	<0.11	<1	<1	<1	<3	**86.8**	NA
	03/16/16	<0.1	<0.43	<1	<1	<1	<3	**107**	NA
	06/09/16	<0.25	<0.18	<0.5	<0.5	<0.5	<1.5	**127**	NA
	08/30/16	<0.25	<0.18	<0.5	<0.5	<0.5	<1.5	**88.5**	NA
	12/14/16	<0.1	<0.43	<1	<1	<1	<3	**123**	NA
	03/08/17	<0.1	<0.44	<1	<1	<1	<3	12.1	NA
	06/13/17	<0.1	<0.45	<1	<1	<1	<3	**85.4**	NA
	09/05/17	<0.1	<0.43	<1	<1	<1	<3	**95.9**	NA
	12/13/17	<0.1	0.35	<1	<1	<1	<3	**74.3**	NA
	04/02/18	<0.1	<0.38	<1	<1	<1	<3	**73.7**	<10
	06/12/18	<0.1	0.27	<1	<1	<1	<3	**77.2**	NA
	09/12/18	<0.1	0.45	<1	<1	<1	<3	**54.8**	NA
	12/18/18	<0.1	<0.39	<1	<1	<1	<3	**50.9**	<10
	03/20/19	<0.1	<0.43	<1	<1	<1	<3	**35.3**	<10
	06/18/19	NA	<0.39	NA	NA	NA	NA	**68.9**	NA
	10/03/19	NA	<0.40	NA	NA	NA	NA	**40.6**	NA
	12/17/19	NA	<0.39	NA	NA	NA	NA	**56.5**	NA
	03/25/20	NA	<0.45	NA	NA	NA	NA	<11.6 J	NA
	06/30/20	NA	<0.43	NA	NA	NA	NA	<1	NA
	09/15/20	NA	<0.45	NA	NA	NA	NA	2.47	NA
	12/03/20	NA	<0.40	NA	NA	NA	NA	2	NA
	03/02/21	NA	<0.42	NA	NA	NA	NA	3.6	NA
	06/03/21	NA	<0.39	NA	NA	NA	NA	4.8	NA
Clean Up Level		0.8	0.5	5	1000	700	1000	20	15

Bold indicates that the constituent exceeds the MTCA Method A cleanup level. 97-1462-90

(ND) Not detected above the practical quantitation limit. (NA) Not analyzed. (J) Estimated value.

TABLE 2 Continued (Page 7 of 7 Pages)

Cumulative Groundwater Analytical Results

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Sample Date	WTPH-Gas (mg/L)	WTPH-Diesel (mg/L)	Benzene (µg/L)	Toluene (µg/L)	Ethylbenzene (µg/L)	Xylenes (µg/L)	MTBE (µg/L)	Lead (µg/L)
MW4									
	12/19/18	<0.1	<0.40	<1	<1	<1	<3	<1	<10
	03/20/19	<0.1	<0.43	<1	<1	<1	<3	<1	<10
	06/18/19	<0.1	<0.39	<1	<1	<1	<3	<1	NA
	10/03/19	<0.1	<0.40	<1	<1	<1	<3	<1	NA
	12/17/19	<0.1	<0.40	<1	<1	<1	<3	<1	NA
	03/25/20	<0.1	<0.43	<1	<1	<1	<3	<1	NA
	06/30/20	<0.1	<0.42	<1	<1	<1	<3	<1	NA
	09/15/20	<0.1	<0.45	<1	<1	<1	<3	<1	NA
	12/03/20	<0.1	<0.40	<1	<1	<1	<3	<1	NA
	03/02/21	<0.1	<0.42	<1	<1	<1	<3	<1	NA
	06/03/21	<0.1	<0.41	<1	<1	<1	<3	<1	NA
MW5									
	12/19/18	<0.1	<0.40	<1	<1	<1	<3	**422**	<10
	03/20/19	<0.1	<0.43	<2	<2	<2	<6	**345**	<10
	06/18/19	<0.1	<0.38	<1	<1	<1	<3	**123**	NA
	10/03/19	<0.1	<0.41	<1	<1	<1	<3	**74.4**	NA
	12/17/19	<0.1	<0.41	<1	<1	<1	<3	**313**	NA
	03/25/20	<0.958 J	<0.48	**<12 J**	<12.2 J	<7.5 J	<28.7 J	<11.6 J	NA
	06/30/20	<0.1	<0.43	<1	<1	<1	<3	2.1	NA
	09/15/20	<0.1	<0.43	<1	9.83	<1	<3	<1	NA
	12/03/20	<0.1	<0.4	<1	<1	<1	<3	2	NA
	03/02/21	<0.1	<0.41	<1	<1	<1	<3	1.3	NA
	06/03/21	<0.1	<0.40	<1	<1	<1	<3	5.6	NA
MW6									
	12/19/18	<0.1	<0.39	<1	<1	<1	<3	<1	<10
	03/20/19	<0.1	<0.43	<1	<1	<1	<3	<1	<10
	06/18/19	<0.1	<0.40	<1	<1	<1	<3	<1	NA
	10/03/19	<0.1	<0.40	<1	<1	<1	<3	<1	NA
	12/17/19	<0.1	<0.39	<1	<1	<1	<3	<1	NA
	03/25/20	<0.1	<0.45	<1	<1	<1	<3	<1	NA
	06/30/20	<0.1	<0.40	<1	<1	<1	<3	<1	NA
	09/15/20	<0.1	<0.43	<1	<1	<1	<3	<1	NA
	12/03/20	<0.1	<0.40	<1	<1	<1	<3	<1	NA
	03/02/21	<0.1	<0.40	<1	<1	<1	<3	<1	NA
	06/03/21	<0.1	<0.42	<1	<1	<1	<3	<1	NA
Clean Up Level		0.8	0.5	5	1000	700	1000	20	15

Bold indicates that the constituent exceeds the MTCA Method A cleanup level. 97-1462-90

(ND) Not detected above the practical quantitation limit. (NA) Not analyzed. (J) Estimated value.

TABLE 3
Groundwater Chemistry
Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Conductivity (µS/cm)	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	G.W. Temp (°C)	ORP (mV)
MW1								
	06/04/01	1494	7.06	0.91	1.03	10.6	13.33	-
	06/24/02	1863	7.66	0.95	2.84	28.0	14.42	-
	06/11/03	1742	6.98	0.89	2.01	19.7	14.19	-
	09/04/03	1410	7.04	0.71	5.43	58.7	18.91	-
	03/10/04	1310	7.38	0.60	0.90	8.4	9.60	-
	06/09/04	1431	7.19	0.72	1.35	13.1	13.76	-
	09/01/04	2348	6.96	1.21	3.50	38.0	18.95	-
	12/07/04	2257	7.19	1.17	2.61	25.6	14.22	-
	03/07/05	1485	7.89	0.75	2.34	21.0	10.29	-
	06/15/05	1354	7.42	0.68	3.34	32.4	13.94	-
	09/07/05	1778	7.79	0.90	1.67	18.2	19.36	75.6
	12/12/05	2454	7.55	1.27	3.07	29.6	13.32	54.3
	03/21/06	2087	8.23	1.07	0.36	3.2	9.63	-94.5
	06/21/06	1505	7.41	0.76	1.18	11.6	14.29	175.6
	09/14/06	1510	7.44	0.76	2.53	26.9	17.96	184.2
	12/04/06	1460	7.63	0.74	1.86	18.0	13.84	344.4
	03/08/07	1291	7.69	0.65	2.85	24.9	9.32	350.2
	06/12/07	1536	7.76	0.78	0.23	2.3	14.17	236.0
	09/25/07	1607	7.86	0.81	0.22	2.4	18.90	201.7
	12/04/07	2108	7.90	1.08	1.08	10.7	14.42	231.4
	03/19/08	3478	7.18	1.84	1.38	12.9	12.13	190.1
	06/18/08	1832	7.21	0.94	0.29	3.0	16.47	285.1
	09/04/08	3432	7.27	1.81	0.85	9.3	21.36	11.6
	12/10/08	1807	7.54	0.92	1.83	18.4	16.18	99.6
	03/02/09	1751	7.74	0.89	3.59	32.5	10.40	38.4
	06/25/09	1779	8.01	0.92	1.56	15.0	16.20	39.5
	09/01/09	3417	8.27	1.80	1.75	19.9	21.82	-118.9
	12/01/09	3412	7.60	1.80	0.85	8.8	16.24	-87.3
	03/16/10	1814	7.01	0.93	1.26	11.4	11.65	-23.8
	06/08/10	3426	7.38	1.81	2.15	22.0	15.30	-81.6
	09/08/10	1701	7.20	0.86	0.65	7.1	19.56	117.9
	12/01/10	1707	7.03	0.87	0.60	5.9	14.79	97.4
	03/17/11	1687	7.47	0.86	1.74	15.9	10.41	168.1
	06/13/11	1604	9.37	0.81	0.51	5.0	14.80	65.2
	09/29/11	1680	7.34	0.85	2.10	23.2	19.82	121.4
	12/15/11	1669	7.91	0.85	0.52	5.2	15.47	-209.9
	03/28/12	1626	8.60	0.83	0.86	7.9	11.70	-86.8
	06/26/12	1557	7.41	0.79	1.29	13.5	16.88	40.9
	09/13/12	1676	7.39	0.85	0.36	4.0	19.98	35.7
	12/13/12	1611	7.61	0.82	1.68	17.0	14.76	26.6
	03/07/13	1679	7.73	0.85	1.60	14.6	11.75	-24.2
	06/26/13	1577	7.56	0.80	1.53	16.1	18.06	185.0
	09/11/13	1683	7.15	0.85	0.75	8.4	21.34	56.2
	12/10/13	1714	7.23	0.87	0.47	4.9	16.62	70.3
	03/20/14	1725	7.22	0.88	6.89	64.6	12.30	63.6
	06/25/14	1615	7.03	0.82	2.81	29.5	17.65	184.6
	09/11/14	1701	7.31	0.88	1.55	17.5	21.31	5.1
	12/16/14	1667	7.44	0.85	3.50	35.5	16.04	21.9
	03/17/15	1705	7.25	0.87	1.57	14.9	12.94	35.9
	06/11/15	1544	7.25	0.87	0.85	9.0	17.96	-11.7
	09/03/15	1679	7.14	0.85	6.25	70.9	21.42	36.0

(-) Data not collected.

TABLE 3 Continued (Page 2 of 7 Pages)

Groundwater Chemistry

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Conductivity (µS/cm)	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	G.W. Temp (°C)	ORP (mV)
MW1								
	12/10/15	1813	6.96	0.93	1.42	14.8	17.15	69.1
	03/16/16	1452	7.16	0.73	1.84	17.4	12.64	142.5
	06/09/16	1646	6.50	0.84	0.29	3.0	16.93	149.7
	08/30/16	1787	6.41	0.91	0.44	4.9	20.96	134.6
	12/14/16	1666	6.90	0.85	1.78	18.1	16.02	132.2
	03/08/17	1324	6.80	0.67	10.57	93.5	9.81	143.0
	06/13/17	1383	6.82	0.70	0.25	2.5	15.39	83.8
	09/05/17	1751	6.84	0.89	1.47	16.4	20.56	-109.3
	12/13/17	1601	6.85	0.81	1.93	19.3	15.26	129.6
	04/02/18	1582	6.74	0.79	0.61	5.8	12.30	159.6
	06/12/18	1545	6.82	0.79	4.60	46.7	16.01	108.8
	09/12/18	1812	6.93	0.92	0.43	4.8	20.51	91.0
	12/18/18	1555	7.10	0.79	1.84	18.2	15.25	124.9
	03/20/19	1355	6.91	0.7	1.69	15.2	10.69	110.4
	06/18/19	1451	6.93	0.73	0.45	4.6	16.32	139.4
	10/03/19	1466	6.83	0.74	0.43	4.8	20.02	108.4
	12/17/19	1395	7.41	0.70	0.42	4.2	14.96	126.6
	03/25/20	1297	7.70	0.65	1.00	11.4	12.70	92.7
	06/30/20	1289	7.69	0.65	0.60	6.3	17.50	260.8
	09/15/20	1444	7.67	0.73	0.74	8.3	21.40	209.3
	12/03/20	1421	7.83	0.72	1.13	11.8	17.70	145.3
	03/02/21	1357	8.01	0.69	1.34	12.7	13.20	85.9
	06/03/21	1497	8.09	0.75	0.81	8.5	17.10	89.9

(-) Data not collected.

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TABLE 3 Continued (Page 3 of 7 Pages)

Groundwater Chemistry

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Conductivity (µS/cm)	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	G.W. Temp (°C)	ORP (mV)
MW2								
	06/04/01	1242	7.18	0.77	2.58	26.0	13.79	-
	06/24/02	2996	7.76	1.58	1.41	14.0	14.44	-
	06/11/03	2922	6.9	1.53	0.16	1.6	15.66	-
	09/04/03	2120	7.09	1.09	0.41	4.5	20.32	-
	03/10/04	1323	7.77	0.70	1.20	11.5	12.50	-
	06/09/04	2206	7.32	1.14	1.18	11.1	12.65	-
	09/01/04	2864	7.11	1.50	2.70	28.3	17.31	-
	12/07/04	3005	7.22	1.58	5.19	52.7	15.62	-
	03/07/05	1743	7.91	0.89	0.81	7.4	11.25	-
	06/15/05	1758	7.39	0.90	1.27	12.2	13.69	-
	09/07/05	2321	7.89	1.20	1.40	15.2	19.02	81.7
	12/12/05	2468	7.57	1.28	2.23	21.5	13.20	62.8
	03/21/06	2368	8.03	1.22	1.51	13.6	10.34	-99.6
	06/21/06	1838	7.26	0.94	0.67	6.4	13.20	47.4
	09/14/06	1874	7.23	0.96	1.34	13.8	16.69	122.8
	12/04/06	1888	7.40	0.97	1.66	16.1	13.64	340.0
	03/08/07	1858	7.39	0.95	3.22	28.5	9.67	355.2
	06/12/07	2218	7.38	1.14	0.07	0.7	12.40	251.6
	09/25/07	2212	7.67	1.14	0.28	2.9	17.60	249.3
	12/04/07	2795	7.74	1.46	0.63	6.1	13.57	271.0
	03/19/08	6976	7.00	3.84	2.12	18.2	13.68	188.8
	06/18/08	3221	7.02	1.69	2.06	20.4	14.20	241.4
	09/04/08	5781	7.23	3.14	0.49	5.0	18.81	6.9
	12/10/08	3341	7.36	1.76	0.40	4.1	16.15	104.6
	03/02/09	2825	7.62	1.46	0.82	8.0	11.24	75.9
	06/25/09	2630	7.93	1.37	0.45	4.4	15.80	23.9
	09/01/09	5154	8.17	2.76	0.92	10.5	20.92	-119.4
	12/01/09	5054	7.53	2.73	0.82	8.4	16.70	-84.8
	03/16/10	3282	7.02	1.73	0.52	4.9	12.15	-24.7
	06/08/10	6094	7.53	3.35	0.96	9.5	15.01	-84.7
	09/08/10	2639	6.84	1.38	0.27	3.0	18.56	134.0
	12/01/10	2852	7.06	1.49	0.51	5.3	16.10	91.9
	03/17/11	3449	7.25	1.82	0.54	5.0	10.69	146.0
	06/13/11	3610	7.09	1.91	0.44	4.3	14.07	97.1
	09/29/11	3788	7.16	2.01	0.49	5.4	19.93	128.4
	12/15/11	3812	7.78	2.03	0.44	4.5	15.54	-217.8
	03/28/12	4046	8.06	2.16	0.99	9.1	11.75	-110.2
	06/26/12	4097	7.27	2.12	1.59	20.1	15.62	-10.3
	09/13/12	3959	7.29	2.07	0.51	5.9	19.27	38.6
	12/13/12	4006	7.36	2.14	0.63	6.3	14.27	41.1
	03/07/13	3860	7.52	2.05	0.51	4.8	12.25	6.4
	06/26/13	3866	7.27	2.06	1.52	15.6	16.02	179.9
	09/11/13	3690	7.04	1.95	1.16	13.0	20.23	68.2
	12/10/13	3556	7.21	1.88	3.04	31.3	16.33	115.6
	03/20/14	3157	7.39	1.66	7.27	69.5	12.77	75.7
	06/25/14	3171	6.99	1.67	6.77	69.8	16.32	176.0
	09/11/14	2955	7.15	1.54	13.28	146.1	19.58	57.4
	12/16/14	2952	7.21	1.54	6.69	68.3	15.67	45.6
	03/17/15	2893	7.09	1.51	11.74	112.6	12.94	71.9
	06/11/15	2802	7.05	1.46	16.59	169.9	16.04	54.7
	09/03/15	2376	7.26	1.23	15.69	175.4	20.50	125.1

(-) Data not collected.

TABLE 3 Continued (Page 4 of 7 Pages)

Groundwater Chemistry

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Conductivity (µS/cm)	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	G.W. Temp (°C)	ORP (mV)
MW2								
	12/10/15	2785	7.00	1.45	14.41	151.9	17.18	84.5
	03/16/16	2920	6.98	1.53	10.70	101.5	12.57	135.5
	06/09/16	2911	6.74	1.52	24.70	254.3	16.21	134.8
	08/30/16	2870	6.59	1.49	24.48	274.1	20.54	133.6
	12/14/16	2959	6.85	1.55	12.07	124.9	16.46	125.8
	03/08/17	2429	6.58	1.25	6.14	53.8	9.31	131.2
	06/13/17	2730	6.80	1.42	17.17	171.9	14.95	97.6
	09/05/17	2424	6.92	1.25	29.48	325.0	19.74	-51.0
	12/13/17	2343	6.89	1.21	15.11	155.0	16.15	135.6
	04/02/18	2239	6.96	1.15	18.62	177.4	12.81	134.9
	06/12/18	2093	7.05	1.08	19.21	197.7	15.54	118.0
	09/12/18	1961	7.15	1.00	17.47	194.9	20.38	118.9
	12/18/18	2132	7.25	1.10	12.48	126.0	15.53	136.5
	03/20/19	2122	6.97	1.09	16.41	153.5	11.95	122.5
	06/18/19	2170	6.99	1.12	20.26	206.5	15.79	150.4
	10/03/19	1637	7.13	0.83	27.87	303.2	19.19	131.8
	12/17/19	1660	7.41	0.84	17.40	174.2	15.16	135.7
	03/25/20	2026	7.70	1.09	14.06	134.8	13.10	114.0
	06/30/20	1843	7.73	0.94	19.03	197.6	16.90	271.4
	09/15/20	1740	7.72	0.88	15.64	174.4	20.40	223.9
	12/03/20	1769	7.84	0.90	11.79	125.3	17.90	149.5
	03/02/21	1957	8.00	1.00	9.78	95.7	14.00	71.0
	06/03/21	1768	8.14	0.90	12.33	127.0	16.40	158.0

(-) Data not collected.

97-1462-90

TABLE 3 Continued (Page 5 of 7 Pages)

Groundwater Chemistry
Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Conductivity (µS/cm)	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	G.W. Temp (°C)	ORP (mV)
MW3								
	06/04/01	2009	7.02	1.31	0.35	3.6	13.86	-
	06/24/02	5569	7.66	3.03	4.10	41.4	14.07	-
	06/11/03	6203	6.94	3.40	6.84	68.6	15.90	-
	09/04/03	4233	6.98	2.26	0.69	7.7	20.24	-
	03/10/04	2130	7.74	1.1	3.02	29.0	13.80	-
	06/09/04	4882	7.21	2.63	4.06	39.4	13.33	-
	09/01/04	5166	7.07	2.80	3.19	33.3	16.63	-
	12/07/04	4695	7.31	2.53	5.10	51.9	15.49	-
	03/07/05	2318	7.62	1.20	2.54	24.1	12.70	-
	06/15/05	2220	7.43	1.15	3.05	30.2	14.51	-
	09/07/05	2654	7.68	1.38	1.81	19.4	18.31	78.1
	12/12/05	2724	7.48	1.42	3.40	32.9	13.49	72.5
	03/21/06	3160	8.15	1.66	1.17	10.9	11.73	-93.8
	06/21/06	2462	7.29	1.28	0.89	8.6	13.25	307.9
	09/14/06	2024	7.38	1.04	1.47	15.3	17.19	150.6
	12/04/06	1841	7.59	0.94	2.34	23.2	14.78	338.6
	03/08/07	1916	7.67	0.98	3.32	30.3	10.96	331.1
	06/12/07	2226	7.66	1.15	1.24	12	13.53	256.9
	09/25/07	1936	7.84	0.99	0.74	7.9	18.47	218.8
	12/04/07	2475	7.89	1.28	4.48	45.3	15.51	255.0
	03/19/08	7498	7.07	4.16	1.01	9.5	11.66	203.7
	06/18/08	3764	7.11	2.00	1.99	20.3	15.75	278.1
	09/04/08	5648	7.23	3.07	0.81	9.2	20.94	1.6
	12/10/08	2579	7.55	1.34	1.84	19.1	16.67	102.7
	03/02/09	2128	7.75	1.10	2.48	23.7	12.81	61.3
	06/25/09	2360	8.01	1.22	0.73	7.5	15.70	28.7
	09/01/09	4545	8.19	2.43	1.20	13.1	20.00	-122.2
	12/01/09	4486	7.57	2.40	1.74	18.1	17.33	-86.1
	03/16/10	3757	7.01	2.00	2.56	24.2	12.82	-23.3
	06/08/10	6886	7.37	3.80	3.34	34.1	15.29	-79.7
	09/08/10	2737	7.26	1.42	0.55	5.9	18.98	132.8
	12/01/10	2652	7.21	1.38	1.15	11.9	16.07	86.5
	03/17/11	2710	7.44	1.42	2.17	20.8	12.84	188.4
	06/13/11	3084	8.78	1.62	1.72	17.6	15.54	61.0
	09/29/11	2679	7.39	1.39	0.90	10.4	21.40	123.3
	12/15/11	2480	7.8	1.29	1.82	18.5	16.35	-172.7
	03/28/12	2646	8.02	1.38	3.29	31.1	12.88	-54.3
	06/26/12	2655	7.38	1.38	1.79	17.9	15.27	27.9
	09/13/12	2513	7.37	1.30	0.29	3.3	19.06	35.5
	12/13/12	2626	7.55	1.37	1.55	16.0	16.12	31.7
	03/07/13	2430	7.57	1.26	3.06	29.1	12.89	17.2
	06/26/13	2622	7.47	1.36	2.68	28.1	17.19	206.4
	09/11/13	2607	7.14	1.35	1.85	20.3	20.03	62.9
	12/10/13	2433	7.31	1.26	0.47	4.9	16.89	79.7
	03/20/14	2338	7.48	1.21	7.07	67.3	12.82	71.9
	06/25/14	2703	7.37	1.41	1.57	16.0	16.02	158.7
	09/11/14	2611	7.35	1.35	0.70	7.6	19.72	12.4
	12/16/14	2632	7.51	1.37	2.61	26.6	15.97	20.1
	03/17/15	3089	7.43	1.62	3.51	33.4	12.93	51.9
	06/11/15	2908	7.38	1.52	2.15	22.0	16.25	20.7
	09/03/15	2255	7.31	1.16	5.22	57.3	19.60	93.0

(-) Data not collected.

TABLE 3 Continued (Page 6 of 7 Pages)

Groundwater Chemistry

Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Conductivity (µS/cm)	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	G.W. Temp (°C)	ORP (mV)
MW3								
	12/10/15	2248	7.16	1.16	4.32	45.5	17.63	80.1
	03/16/16	3683	7.21	1.95	0.98	9.5	13.37	115.3
	06/09/16	3683	6.92	1.95	0.64	6.6	17.05	111.1
	08/30/16	3003	6.82	1.57	0.22	2.5	19.95	107.1
	12/14/16	3599	7.01	1.91	0.88	9.1	16.62	116.2
	03/08/17	1907	7.03	0.98	1.58	14.4	10.99	108.8
	06/13/17	3946	6.96	2.10	0.30	3.0	15.10	75.4
	09/05/17	3244	6.95	1.70	0.50	5.5	19.31	-112.9
	12/13/17	3406	7.03	1.80	1.66	17.0	16.45	130.6
	04/02/18	3544	6.97	1.87	0.77	7.5	13.60	129.4
	06/12/18	3401	7.1	1.79	2.87	28.9	15.40	118.2
	09/12/18	2752	7.2	1.43	0.94	10.3	19.54	76.6
	12/18/18	3193	7.28	1.68	1.73	17.7	16.38	137.3
	03/20/19	2381	7.05	1.24	3.04	28.3	11.95	122.9
	06/18/19	4404	7.07	2.36	0.68	6.9	15.11	137.3
	10/03/19	2437	7.15	1.26	0.64	7.0	18.70	120.9
	12/17/19	2262	7.29	1.17	0.75	7.3	15.53	132.0
	03/25/20	3578	7.86	1.90	0.55	5.4	13.5	113.7
	06/30/20	3220	7.80	1.69	0.67	6.9	16.3	280.0
	09/15/20	2854	7.74	1.48	0.60	6.7	20.5	220.7
	12/03/20	2732	7.89	1.42	0.70	7.4	17.7	130.5
	03/02/21	2423	8.03	1.25	1.38	13.5	14.1	58.4
	06/03/21	2850	8.15	1.49	0.65	6.8	17.2	82.7

(-) Data not collected.

97-1462-90

TABLE 3 Continued (Page 7 of 7 Pages)

Groundwater Chemistry
Bleyhl Farm Service, Sunnyside, WA

Monitor Well	Date	Conductivity (µS/cm)	pH	Salinity (ppt)	Dissolved Oxygen (mg/L)	Dissolved Oxygen (%)	G.W. Temp (°C)	ORP (mV)
MW4								
	12/19/18	2057	7.59	1.06	5.02	52.1	16.86	142.3
	03/20/19	1879	7.28	0.96	0.33	3.2	14.03	84.6
	06/18/19	1847	6.94	0.94	0.56	5.6	15.72	156.7
	10/03/19	1546	7.33	0.78	0.14	11.5	18.64	107.5
	12/17/19	1489	7.48	0.75	0.25	2.6	15.89	124.9
	03/25/20	1638	7.90	0.83	0.51	5.0	14.0	93.6
	06/30/20	1611	7.93	0.82	0.55	5.7	16.6	279.3
	09/15/20	1650	7.93	0.84	0.51	5.6	19.2	145.6
	12/03/20	1640	8.02	0.83	0.58	6.2	18.0	100.7
	03/02/21	1576	8.20	0.80	0.67	6.7	15.3	54.5
	06/03/21	1599	8.35	0.81	0.69	7.2	16.8	123.6
MW5								
	12/19/18	2551	7.60	1.32	7.27	75.2	16.63	147.3
	03/20/19	2382	7.26	1.23	0.46	4.5	13.74	116.5
	06/18/19	2322	7.08	1.2	0.46	4.7	16.08	148.8
	10/03/19	2022	7.39	1.03	0.27	2.9	19.62	104.7
	12/17/19	1726	7.11	0.88	0.92	9.2	15.21	126.7
	03/25/20	2569	7.18	1.33	0.45	4.4	13.8	103.6
	06/30/20	2207	8.02	1.13	0.54	5.6	17.1	281.4
	09/15/20	2186	7.98	1.12	0.51	5.7	20.2	159.9
	12/03/20	2032	8.04	1.04	1.06	11.2	17.4	115.7
	03/02/21	1843	8.25	0.94	0.71	7.1	14.8	53.2
	06/03/21	2015	8.38	1.03	0.68	7.1	17.1	100.9
MW6								
	12/19/18	850	7.35	0.42	6.62	68.5	16.96	132.3
	03/20/19	985	6.93	0.49	0.22	2.1	13.1	98.4
	06/18/19	922	6.72	0.46	1.2	12.3	16.48	152.3
	10/03/19	671	6.83	0.33	0.92	10.3	20.37	100.7
	12/17/19	729	7.12	0.36	0.19	1.9	16.20	126.8
	03/25/20	768	7.49	0.37	0.88	8.6	14.20	107.4
	06/30/20	798	7.44	0.42	0.99	10.4	17.10	283.9
	09/15/20	789	7.43	0.39	0.52	5.9	21.80	171.5
	12/03/20	791	7.59	0.39	0.58	6.2	18.70	102.2
	03/02/21	781	7.78	0.39	1.95	19.5	15.10	70.0
	06/03/21	803	7.85	0.39	0.67	7.0	17.40	114.2

(-) Data not collected.

Appendix A

June 2021 Laboratory Analytical Report

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

June 22, 2021

Mr. Jim Rolle
West Central Env. Consultants
1030 South Ave. W.
Missoula, MT 59801

RE: Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

Dear Mr. Rolle:

Enclosed are the analytical results for sample(s) received by the laboratory on June 08, 2021. The results relate only to the samples included in this report. Results reported herein conform to the applicable TNI/NELAC Standards and the laboratory's Quality Manual, where applicable, unless otherwise noted in the body of the report.

The test results provided in this final report were generated by each of the following laboratories within the Pace Network:

- Pace Analytical Services - Minneapolis

If you have any questions concerning this report, please feel free to contact me.

Sincerely,

Jennifer Gross
jennifer.gross@pacelabs.com
(612)607-1700
Project Manager

Enclosures

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

CERTIFICATIONS

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

Pace Analytical Services, LLC - Minneapolis MN

1700 Elm Street SE, Minneapolis, MN 55414
1800 Elm Street SE, Minneapolis, MN 55414--Satellite Air Lab
A2LA Certification #: 2926.01*
Alabama Certification #: 40770
Alaska Contaminated Sites Certification #: 17-009*
Alaska DW Certification #: MN00064
Arizona Certification #: AZ0014*
Arkansas DW Certification #: MN00064
Arkansas WW Certification #: 88-0680
California Certification #: 2929
Colorado Certification #: MN00064
Connecticut Certification #: PH-0256
EPA Region 8 Tribal Water Systems+Wyoming DW Certification #: via MN 027-053-137
Florida Certification #: E87605*
Georgia Certification #: 959
Hawaii Certification #: MN00064
Idaho Certification #: MN00064
Illinois Certification #: 200011
Indiana Certification #: C-MN-01
Iowa Certification #: 368
Kansas Certification #: E-10167
Kentucky DW Certification #: 90062
Kentucky WW Certification #: 90062
Louisiana DEQ Certification #: AI-03086*
Louisiana DW Certification #: MN00064
Maine Certification #: MN00064*
Maryland Certification #: 322
Michigan Certification #: 9909
Minnesota Certification #: 027-053-137*
Minnesota Dept of Ag Approval: via MN 027-053-137
Minnesota Petrofund Registration #: 1240*
Mississippi Certification #: MN00064
Missouri Certification #: 10100
Montana Certification #: CERT0092
Nebraska Certification #: NE-OS-18-06
Nevada Certification #: MN00064
New Hampshire Certification #: 2081*
New Jersey Certification #: MN002
New York Certification #: 11647*
North Carolina DW Certification #: 27700
North Carolina WW Certification #: 530
North Dakota Certification #: R-036
Ohio DW Certification #: 41244
Ohio VAP Certification (1700) #: CL101
Ohio VAP Certification (1800) #: CL110*
Oklahoma Certification #: 9507*
Oregon Primary Certification #: MN300001
Oregon Secondary Certification #: MN200001*
Pennsylvania Certification #: 68-00563*
Puerto Rico Certification #: MN00064
South Carolina Certification #:74003001
Tennessee Certification #: TN02818
Texas Certification #: T104704192*
Utah Certification #: MN00064*
Vermont Certification #: VT-027053137
Virginia Certification #: 460163*
Washington Certification #: C486*
West Virginia DEP Certification #: 382
West Virginia DW Certification #: 9952 C
Wisconsin Certification #: 999407970
Wyoming UST Certification #: via A2LA 2926.01
USDA Permit #: P330-19-00208
*Please Note: Applicable air certifications are denoted with an asterisk (*).

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE SUMMARY

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

Lab ID	Sample ID	Matrix	Date Collected	Date Received
10564080001	**Trip Blank**	Water	06/03/21 00:00	06/08/21 08:40
10564080002	**MW1**	Water	06/03/21 14:00	06/08/21 08:40
10564080003	**MW2**	Water	06/03/21 15:20	06/08/21 08:40
10564080004	**MW3**	Water	06/03/21 14:40	06/08/21 08:40
10564080005	**MW4**	Water	06/03/21 16:00	06/08/21 08:40
10564080006	**MW5**	Water	06/03/21 16:40	06/08/21 08:40
10564080007	**MW6**	Water	06/03/21 17:20	06/08/21 08:40

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

SAMPLE ANALYTE COUNT

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

Lab ID	Sample ID	Method	Analysts	Analytes Reported	Laboratory
10564080001	**Trip Blank**	NWTPH-Gx	NS1	2	PASI-M
		EPA 8260D	LPM	8	PASI-M
10564080002	**MW1**	NWTPH-Dx	JVM	4	PASI-M
10564080003	**MW2**	EPA 8260D	LPM	4	PASI-M
10564080004	**MW3**	NWTPH-Dx	JVM	4	PASI-M
		EPA 8260D	LPM	4	PASI-M
10564080005	**MW4**	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	NS1	2	PASI-M
		EPA 8260D	LPM	8	PASI-M
10564080006	**MW5**	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	NS1	2	PASI-M
		EPA 8260D	LPM	8	PASI-M
10564080007	**MW6**	NWTPH-Dx	JVM	4	PASI-M
		NWTPH-Gx	NS1	2	PASI-M
		EPA 8260D	LPM	8	PASI-M

PASI-M = Pace Analytical Services - Minneapolis

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

Sample: Trip Blank **Lab ID: 10564080001** Collected: 06/03/21 00:00 Received: 06/08/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis							
TPH as Gas	ND	ug/L	100	1		06/17/21 21:25		
Surrogates								
a,a,a-Trifluorotoluene (S)	99	%.	50-150	1		06/17/21 21:25	98-08-8	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis							
Benzene	ND	ug/L	1.0	1		06/14/21 20:54	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/14/21 20:54	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/14/21 20:54	1634-04-4	
Toluene	ND	ug/L	1.0	1		06/14/21 20:54	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/14/21 20:54	1330-20-7	
Surrogates								
1,2-Dichlorobenzene-d4 (S)	100	%.	70-130	1		06/14/21 20:54	2199-69-1	
4-Bromofluorobenzene (S)	101	%.	75-125	1		06/14/21 20:54	460-00-4	
Toluene-d8 (S)	99	%.	75-125	1		06/14/21 20:54	2037-26-5	

Sample: MW1 **Lab ID: 10564080002** Collected: 06/03/21 14:00 Received: 06/08/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C Pace Analytical Services - Minneapolis							
Diesel Fuel Range SG	ND	mg/L	0.42	1	06/09/21 11:48	06/10/21 18:00	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.42	1	06/09/21 11:48	06/10/21 18:00	64742-65-0	
Surrogates								
o-Terphenyl (S)	68	%.	50-150	1	06/09/21 11:48	06/10/21 18:00	84-15-1	
n-Triacontane (S)	70	%.	50-150	1	06/09/21 11:48	06/10/21 18:00		

Sample: MW2 **Lab ID: 10564080003** Collected: 06/03/21 15:20 Received: 06/08/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis							
Methyl-tert-butyl ether	**3.5**	ug/L	1.0	1		06/14/21 22:59	1634-04-4	
Surrogates								
1,2-Dichlorobenzene-d4 (S)	102	%.	70-130	1		06/14/21 22:59	2199-69-1	
4-Bromofluorobenzene (S)	99	%.	75-125	1		06/14/21 22:59	460-00-4	
Toluene-d8 (S)	100	%.	75-125	1		06/14/21 22:59	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

Sample: MW3 **Lab ID: 10564080004** Collected: 06/03/21 14:40 Received: 06/08/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C Pace Analytical Services - Minneapolis							
Diesel Fuel Range SG	ND	mg/L	0.39	1	06/15/21 17:50	06/16/21 22:07	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.39	1	06/15/21 17:50	06/16/21 22:07	64742-65-0	
Surrogates								
o-Terphenyl (S)	71	%.	50-150	1	06/15/21 17:50	06/16/21 22:07	84-15-1	
n-Triacontane (S)	83	%.	50-150	1	06/15/21 17:50	06/16/21 22:07		
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis							
Methyl-tert-butyl ether	**4.8**	ug/L	1.0	1		06/14/21 23:19	1634-04-4	
Surrogates								
1,2-Dichlorobenzene-d4 (S)	102	%.	70-130	1		06/14/21 23:19	2199-69-1	
4-Bromofluorobenzene (S)	99	%.	75-125	1		06/14/21 23:19	460-00-4	
Toluene-d8 (S)	100	%.	75-125	1		06/14/21 23:19	2037-26-5	

Sample: MW4 **Lab ID: 10564080005** Collected: 06/03/21 16:00 Received: 06/08/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C Pace Analytical Services - Minneapolis							
Diesel Fuel Range SG	ND	mg/L	0.41	1	06/09/21 11:48	06/10/21 18:33	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.41	1	06/09/21 11:48	06/10/21 18:33	64742-65-0	
Surrogates								
o-Terphenyl (S)	74	%.	50-150	1	06/09/21 11:48	06/10/21 18:33	84-15-1	
n-Triacontane (S)	78	%.	50-150	1	06/09/21 11:48	06/10/21 18:33		
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis							
TPH as Gas	ND	ug/L	100	1		06/17/21 15:24		
Surrogates								
a,a,a-Trifluorotoluene (S)	100	%.	50-150	1		06/17/21 15:24	98-08-8	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis							
Benzene	ND	ug/L	1.0	1		06/14/21 23:40	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/14/21 23:40	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/14/21 23:40	1634-04-4	M1
Toluene	ND	ug/L	1.0	1		06/14/21 23:40	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/14/21 23:40	1330-20-7	
Surrogates								
1,2-Dichlorobenzene-d4 (S)	101	%.	70-130	1		06/14/21 23:40	2199-69-1	
4-Bromofluorobenzene (S)	98	%.	75-125	1		06/14/21 23:40	460-00-4	
Toluene-d8 (S)	100	%.	75-125	1		06/14/21 23:40	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

ANALYTICAL RESULTS

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

Sample: MW5 **Lab ID: 10564080006** Collected: 06/03/21 16:40 Received: 06/08/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C Pace Analytical Services - Minneapolis							
Diesel Fuel Range SG	ND	mg/L	0.40	1	06/09/21 11:48	06/10/21 18:44	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.40	1	06/09/21 11:48	06/10/21 18:44	64742-65-0	
Surrogates								
o-Terphenyl (S)	61	%.	50-150	1	06/09/21 11:48	06/10/21 18:44	84-15-1	
n-Triacontane (S)	70	%.	50-150	1	06/09/21 11:48	06/10/21 18:44		
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis							
TPH as Gas	ND	ug/L	100	1		06/17/21 14:29		G-
Surrogates								
a,a,a-Trifluorotoluene (S)	105	%.	50-150	1		06/17/21 14:29	98-08-8	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis							
Benzene	ND	ug/L	1.0	1		06/15/21 00:00	71-43-2	
Ethylbenzene	ND	ug/L	1.0	1		06/15/21 00:00	100-41-4	
Methyl-tert-butyl ether	**5.6**	ug/L	1.0	1		06/15/21 00:00	1634-04-4	
Toluene	ND	ug/L	1.0	1		06/15/21 00:00	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/15/21 00:00	1330-20-7	
Surrogates								
1,2-Dichlorobenzene-d4 (S)	104	%.	70-130	1		06/15/21 00:00	2199-69-1	
4-Bromofluorobenzene (S)	97	%.	75-125	1		06/15/21 00:00	460-00-4	
Toluene-d8 (S)	100	%.	75-125	1		06/15/21 00:00	2037-26-5	

Sample: MW6 **Lab ID: 10564080007** Collected: 06/03/21 17:20 Received: 06/08/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
NWTPH-Dx GCS Silica Gel LV	Analytical Method: NWTPH-Dx Preparation Method: EPA Mod. 3510C Pace Analytical Services - Minneapolis							
Diesel Fuel Range SG	ND	mg/L	0.42	1	06/09/21 11:48	06/10/21 18:55	68334-30-5	
Motor Oil Range SG	ND	mg/L	0.42	1	06/09/21 11:48	06/10/21 18:55	64742-65-0	
Surrogates								
o-Terphenyl (S)	67	%.	50-150	1	06/09/21 11:48	06/10/21 18:55	84-15-1	
n-Triacontane (S)	72	%.	50-150	1	06/09/21 11:48	06/10/21 18:55		
NWTPH-Gx GCV	Analytical Method: NWTPH-Gx Pace Analytical Services - Minneapolis							
TPH as Gas	ND	ug/L	100	1		06/17/21 15:52		
Surrogates								
a,a,a-Trifluorotoluene (S)	98	%.	50-150	1		06/17/21 15:52	98-08-8	
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis							
Benzene	ND	ug/L	1.0	1		06/15/21 00:21	71-43-2	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
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ANALYTICAL RESULTS

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

Sample: MW6 **Lab ID: 10564080007** Collected: 06/03/21 17:20 Received: 06/08/21 08:40 Matrix: Water

Parameters	Results	Units	Report Limit	DF	Prepared	Analyzed	CAS No.	Qual
8260D MSV UST	Analytical Method: EPA 8260D Pace Analytical Services - Minneapolis							
Ethylbenzene	ND	ug/L	1.0	1		06/15/21 00:21	100-41-4	
Methyl-tert-butyl ether	ND	ug/L	1.0	1		06/15/21 00:21	1634-04-4	
Toluene	ND	ug/L	1.0	1		06/15/21 00:21	108-88-3	
Xylene (Total)	ND	ug/L	3.0	1		06/15/21 00:21	1330-20-7	
Surrogates								
1,2-Dichlorobenzene-d4 (S)	101	%.	70-130	1		06/15/21 00:21	2199-69-1	
4-Bromofluorobenzene (S)	101	%.	75-125	1		06/15/21 00:21	460-00-4	
Toluene-d8 (S)	100	%.	75-125	1		06/15/21 00:21	2037-26-5	

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

QC Batch: 749990 Analysis Method: NWTPH-Gx
QC Batch Method: NWTPH-Gx Analysis Description: NWTPH-Gx Water
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10564080001, 10564080005, 10564080006, 10564080007

METHOD BLANK: 4000043 Matrix: Water
Associated Lab Samples: 10564080001, 10564080005, 10564080006, 10564080007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	06/17/21 14:01	
a,a,a-Trifluorotoluene (S)	%.	100	50-150	06/17/21 14:01	

METHOD BLANK: 4000044 Matrix: Water
Associated Lab Samples: 10564080001, 10564080005, 10564080006, 10564080007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
TPH as Gas	ug/L	ND	100	06/17/21 17:43	
a,a,a-Trifluorotoluene (S)	%.	100	50-150	06/17/21 17:43	

LABORATORY CONTROL SAMPLE & LCSD: 4000045 4000046

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	1000	1080	1020	108	102	75-127	6	20	
a,a,a-Trifluorotoluene (S)	%.				101	103	50-150			

SAMPLE DUPLICATE: 4000907

Parameter	Units	10564080006 Result	Dup Result	RPD	Max RPD	Qualifiers
TPH as Gas	ug/L	ND	ND		30	G-
a,a,a-Trifluorotoluene (S)	%.	105	102			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
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(612)607-1700

QUALITY CONTROL DATA

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

QC Batch: 748826
QC Batch Method: EPA 8260D
Analysis Method: EPA 8260D
Analysis Description: 8260D MSV UST-WATER
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10564080001, 10564080003, 10564080004, 10564080005, 10564080006, 10564080007

METHOD BLANK: 3994639 Matrix: Water
Associated Lab Samples: 10564080001, 10564080003, 10564080004, 10564080005, 10564080006, 10564080007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Benzene	ug/L	ND	1.0	06/14/21 20:34	
Ethylbenzene	ug/L	ND	1.0	06/14/21 20:34	
Methyl-tert-butyl ether	ug/L	ND	1.0	06/14/21 20:34	
Toluene	ug/L	ND	1.0	06/14/21 20:34	
Xylene (Total)	ug/L	ND	3.0	06/14/21 20:34	
1,2-Dichlorobenzene-d4 (S)	%.	100	70-130	06/14/21 20:34	
4-Bromofluorobenzene (S)	%.	101	75-125	06/14/21 20:34	
Toluene-d8 (S)	%.	99	75-125	06/14/21 20:34	

LABORATORY CONTROL SAMPLE: 3994640

Parameter	Units	Spike Conc.	LCS Result	LCS % Rec	% Rec Limits	Qualifiers
Benzene	ug/L	20	20.9	104	73-125	
Ethylbenzene	ug/L	20	19.0	95	75-125	
Methyl-tert-butyl ether	ug/L	20	20.8	104	75-125	
Toluene	ug/L	20	19.9	99	75-125	
Xylene (Total)	ug/L	60	60.2	100	75-125	
1,2-Dichlorobenzene-d4 (S)	%.			101	70-130	
4-Bromofluorobenzene (S)	%.			101	75-125	
Toluene-d8 (S)	%.			97	75-125	

MATRIX SPIKE & MATRIX SPIKE DUPLICATE: 3994641 3994642

Parameter	Units	10564080005 Result	MS Spike Conc.	MSD Spike Conc.	MS Result	MSD Result	MS % Rec	MSD % Rec	% Rec Limits	RPD	Max RPD	Qual
Benzene	ug/L	ND	20	20	21.5	23.2	108	116	60-125	8	30	
Ethylbenzene	ug/L	ND	20	20	19.7	22.0	98	110	61-125	11	30	
Methyl-tert-butyl ether	ug/L	ND	20	20	21.7	25.1	108	126	61-125	15	30	M1
Toluene	ug/L	ND	20	20	20.2	22.9	101	114	61-125	13	30	
Xylene (Total)	ug/L	ND	60	60	61.7	68.1	103	114	63-125	10	30	
1,2-Dichlorobenzene-d4 (S)	%.						99	102	70-130			
4-Bromofluorobenzene (S)	%.						100	101	75-125			
Toluene-d8 (S)	%.						96	100	75-125			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
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(612)607-1700

QUALITY CONTROL DATA

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

QC Batch: 747791
QC Batch Method: EPA Mod. 3510C
Analysis Method: NWTPH-Dx
Analysis Description: NWTPH-Dx GCS LV SG
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10564080002, 10564080005, 10564080006, 10564080007

METHOD BLANK: 3988416 Matrix: Water
Associated Lab Samples: 10564080002, 10564080005, 10564080006, 10564080007

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range SG	mg/L	ND	0.40	06/10/21 17:27	
Motor Oil Range SG	mg/L	ND	0.40	06/10/21 17:27	
n-Triacontane (S)	%.	56	50-150	06/10/21 17:27	
o-Terphenyl (S)	%.	55	50-150	06/10/21 17:27	

LABORATORY CONTROL SAMPLE & LCSD: 3988417 3988418

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Fuel Range SG	mg/L	2	1.5	1.4	77	71	50-150	9	20	
Motor Oil Range SG	mg/L	2	1.5	1.4	74	68	50-150	9	20	
n-Triacontane (S)	%.				68	61	50-150			
o-Terphenyl (S)	%.				73	64	50-150			

SAMPLE DUPLICATE: 3988419

Parameter	Units	10564080002 Result	Dup Result	RPD	Max RPD	Qualifiers
Diesel Fuel Range SG	mg/L	ND	.19J		30	
Motor Oil Range SG	mg/L	ND	ND		30	
n-Triacontane (S)	%.	70	78			
o-Terphenyl (S)	%.	68	73			

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REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

QC Batch: 749258
QC Batch Method: EPA Mod. 3510C
Analysis Method: NWTPH-Dx
Analysis Description: NWTPH-Dx GCS LV SG
Laboratory: Pace Analytical Services - Minneapolis
Associated Lab Samples: 10564080004

METHOD BLANK: 3996374 Matrix: Water
Associated Lab Samples: 10564080004

Parameter	Units	Blank Result	Reporting Limit	Analyzed	Qualifiers
Diesel Fuel Range SG	mg/L	ND	0.40	06/16/21 21:34	
Motor Oil Range SG	mg/L	ND	0.40	06/16/21 21:34	
n-Triacontane (S)	%.	82	50-150	06/16/21 21:34	
o-Terphenyl (S)	%.	71	50-150	06/16/21 21:34	

LABORATORY CONTROL SAMPLE & LCSD: 3996375 3996376

Parameter	Units	Spike Conc.	LCS Result	LCSD Result	LCS % Rec	LCSD % Rec	% Rec Limits	RPD	Max RPD	Qualifiers
Diesel Fuel Range SG	mg/L	2	1.6	1.8	80	89	50-150	11	20	
Motor Oil Range SG	mg/L	2	1.6	1.8	81	92	50-150	12	20	
n-Triacontane (S)	%.				78	83	50-150			
o-Terphenyl (S)	%.				72	79	50-150			

Results presented on this page are in the units indicated by the "Units" column except where an alternate unit is presented to the right of the result.

REPORT OF LABORATORY ANALYSIS

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALIFIERS

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

DEFINITIONS

DF - Dilution Factor, if reported, represents the factor applied to the reported data due to dilution of the sample aliquot.

ND - Not Detected at or above adjusted reporting limit.

TNTC - Too Numerous To Count

J - Estimated concentration above the adjusted method detection limit and below the adjusted reporting limit.

MDL - Adjusted Method Detection Limit.

PQL - Practical Quantitation Limit.

RL - Reporting Limit - The lowest concentration value that meets project requirements for quantitative data with known precision and bias for a specific analyte in a specific matrix.

S - Surrogate

1,2-Diphenylhydrazine decomposes to and cannot be separated from Azobenzene using Method 8270. The result for each analyte is a combined concentration.

Consistent with EPA guidelines, unrounded data are displayed and have been used to calculate % recovery and RPD values.

LCS(D) - Laboratory Control Sample (Duplicate)

MS(D) - Matrix Spike (Duplicate)

DUP - Sample Duplicate

RPD - Relative Percent Difference

NC - Not Calculable.

SG - Silica Gel - Clean-Up

U - Indicates the compound was analyzed for, but not detected.

N-Nitrosodiphenylamine decomposes and cannot be separated from Diphenylamine using Method 8270. The result reported for each analyte is a combined concentration.

Pace Analytical is TNI accredited. Contact your Pace PM for the current list of accredited analytes.

TNI - The NELAC Institute.

ANALYTE QUALIFIERS

G-	Early peaks present outside the GRO window.
M1	Matrix spike recovery exceeded QC limits. Batch accepted based on laboratory control sample (LCS) recovery.

Pace Analytical Services, LLC
1700 Elm Street
Minneapolis, MN 55414
(612)607-1700

QUALITY CONTROL DATA CROSS REFERENCE TABLE

Project: 1462 Bleyhl Farm Services Sunn
Pace Project No.: 10564080

Lab ID	Sample ID	QC Batch Method	QC Batch	Analytical Method	Analytical Batch
10564080002	**MW1**	EPA Mod. 3510C	747791	NWTPH-Dx	748514
10564080004	**MW3**	EPA Mod. 3510C	749258	NWTPH-Dx	749845
10564080005	**MW4**	EPA Mod. 3510C	747791	NWTPH-Dx	748514
10564080006	**MW5**	EPA Mod. 3510C	747791	NWTPH-Dx	748514
10564080007	**MW6**	EPA Mod. 3510C	747791	NWTPH-Dx	748514
10564080001	**Trip Blank**	NWTPH-Gx	749990		
10564080005	**MW4**	NWTPH-Gx	749990		
10564080006	**MW5**	NWTPH-Gx	749990		
10564080007	**MW6**	NWTPH-Gx	749990		
10564080001	**Trip Blank**	EPA 8260D	748826		
10564080003	**MW2**	EPA 8260D	748826		
10564080004	**MW3**	EPA 8260D	748826		
10564080005	**MW4**	EPA 8260D	748826		
10564080006	**MW5**	EPA 8260D	748826		
10564080007	**MW6**	EPA 8260D	748826		

CHAIN-OF-CUSTODY / Analytical Request Document

The Chain-of-Custody is a LEGAL DOCUMENT. All relevant fields must be completed accurately.

Page : 1 Of 1

Section A Required Client Information:		Section B Required Project Information:		Section C Invoice Information:	
Company:	West Central Environmental Consultants	Report To:	Jim Rolle	Attention:	Accounts Payable
Address:	1030 South Ave. W	Copy To:		Company Name:	WCEC
	Missoula, MT 59801			Address:	1030 South Ave.W, Missoula,MT 59801
Email To:	jrolle@wcec.com	Purchase Order No.		Pace Quote Reference:	
Phone:	406-360-3797 Fax 406-549-8490	Client Project ID:	Bleyhl Farm Services Sunnyside	Pace Project Manager:	Jennifer Gross
Requested Due Date/TAT:	*Standard*	Project Number:	1462	Pace Profile #:	*31206 / 2*

Regulatory Agency

State / Location: WA / Sunnyside

SAMPLE ID
One Character per box.
(A-Z, 0-9 / , -)
Sample Ids must be unique

MATRIX	CODE
Drinking Water	DW
Water	WT
Waste Water	WW
Product	P
Soil/Solid	SL
Oil	OL
Wipe	WP
Air	AR
Other	OT
Tissue	TS

WO# : 10564080

10564080

Requested Analysis Filtered (Y/N)

ITEM#	SAMPLE ID	MATRIX CODE (see valid codes to left)	SAMPLE TYPE (G=GRAB C=COMP)	COLLECTED START DATE	COLLECTED START TIME	COLLECTED END DATE	COLLECTED END TIME	SAMPLE TEMP AT COLLECTION	# OF CONTAINERS	Preservatives: Unpreserved	H2SO4	HNO3	HCl	NaOH	Na2S2O3	Methanol	Other	Analyses Test Y/N	NWTPHGx	NWTPHDx+Silica Gel	8260 BTEX	8260 MTBE	Residual Chlorine (Y/N)	
1	Trip Blank	WT				6/3/21			2				X						X						001
2	MW1					6/3/21	14:10		2				X							X					002
3	MW2						15:20		3				X								X				003
4	MW3						14:40		5				X							X		X			004
5	MW4						16:00		8				X						X	X	X	X			005
6	MW5						16:40		1				X						X	X	X	X			006
7	MW6						17:20		1				X						X	X	X	X			007
8																									
9																									
10																									
11																									
12																									

ADDITIONAL COMMENTS	RELINQUISHED BY / AFFILIATION	DATE	TIME	ACCEPTED BY / AFFILIATION	DATE	TIME	SAMPLE CONDITIONS			
	Myles Morris / WCEC	6/7/21	15:10	Common Bluebird Pace	6/8/21	0840	5.9	Y	Y	Y

SAMPLER NAME AND SIGNATURE

PRINT Name of SAMPLER: Myles Morris

SIGNATURE of SAMPLER: [signature] DATE Signed: 6/7/21

TEMP in C	Received on Ice (Y/N)	Custody Sealed Cooler (Y/N)	Samples Intact (Y/N)

Pace Analytical®	Document Name: **Sample Condition Upon Receipt (SCUR) - MN**	~~Document Revised: 14Apr2021~~ **Page 1 of 1**
	Document No.: **ENV-FRM-MIN4-0150 Rev.02**	Pace Analytical Services - **Minneapolis**

Sample Condition Upon Receipt

Client Name: West Central Environmental

Project #: **WO#: 10564080**

PM: JMG Due Date: 06/22/21

CLIENT: WCEC WA

Courier: ☒ Fed Ex ☐ UPS ☐ USPS ☐ Client ☐ Pace ☐ SpeeDee ☐ Commercial

Tracking Number: 1456 2247 6634 See Exceptions ☐ ENV-FRM-MIN4-0142

Custody Seal on Cooler/Box Present? ☒ Yes ☐ No **Seals Intact?** ☒ Yes ☐ No **Biological Tissue Frozen?** ☐ Yes ☐ No ☒ N/A

Packing Material: ☒ Bubble Wrap ☒ Bubble Bags ☐ None ☐ Other:_____ **Temp Blank?** ☒ Yes ☐ No

Thermometer: ☐ T1(0461) ☐ T2(1336) ☐ T3(0459) ☐ OS418-LS ☒ T4(0254) ☐ T5(0489) ☐ 160285052 **Type of Ice:** ☒ Wet ☐ Blue ☐ None ☐ Dry ☐ Melted

Did Samples Originate in West Virginia? ☐ Yes ☒ No **Were All Container Temps Taken?** ☐ Yes ☐ No ☒ N/A

Temp should be above freezing to 6°C **Cooler Temp Read w/temp blank:** 5.3 °C

Correction Factor: +0.1°C **Cooler Temp Corrected w/temp blank:** 5.4 °C

Average Corrected Temp (no temp blank only): _____ °C ☐ See Exceptions ENV-FRM-MIN4-0142 ☐ 1 Container

USDA Regulated Soil: (☒ N/A, water sample/Other:_____)

Did samples originate in a quarantine zone within the United States: AL, AR, CA, FL, GA, ID, LA. MS, NC, NM, NY, OK, OR, SC, TN, TX or VA (check maps)? ☐ Yes ☐ No

Date/Initials of Person Examining Contents: CS 6/8/21

Did samples originate from a foreign source (internationally, including Hawaii and Puerto Rico)? ☐ Yes ☐ No

If Yes to either question, fill out a Regulated Soil Checklist (F-MN-Q-338) and include with SCUR/COC paperwork.

				COMMENTS:
Chain of Custody Present and Filled Out?	☒ Yes	☐ No		1.
Chain of Custody Relinquished?	☒ Yes	☐ No		2.
Sampler Name and/or Signature on COC?	☒ Yes	☐ No	☐ N/A	3.
Samples Arrived within Hold Time?	☒ Yes	☐ No		4.
Short Hold Time Analysis (<72 hr)?	☐ Yes	☒ No		5. ☐ Fecal Coliform ☐ HPC ☐ Total Coliform/E coli ☐ BOD/cBOD ☐ Hex Chrome ☐ Turbidity ☐ Nitrate ☐ Nitrite ☐ Orthophos ☐ Other_____
Rush Turn Around Time Requested?	☐ Yes	☒ No		6.
Sufficient Volume?	☒ Yes	☐ No		7.
Correct Containers Used? -Pace Containers Used?	☒ Yes ☒ Yes	☐ No ☐ No		8.
Containers Intact?	☒ Yes	☐ No		9.
Field Filtered Volume Received for Dissolved Tests?	☐ Yes	☐ No	☒ N/A	10. Is sediment visible in the dissolved container? ☐ Yes ☐ No
Is sufficient information available to reconcile the samples to the COC? Matrix: ☒ Water ☐ Soil ☐ Oil ☐ Other_____	☒ Yes	☐ No		11. **If no, write ID/ Date/Time on Container Below:** **See Exception** ☐ **ENV-FRM-MIN4-0142**
All containers needing acid/base preservation have been checked?	☐ Yes	☐ No	☒ N/A	12. Sample #
All containers needing preservation are found to be in compliance with EPA recommendation? (HNO_3, H_2SO_4, <2pH, NaOH >9 Sulfide, NaOH>10 Cyanide)	☐ Yes	☐ No	☒ N/A	☐ NaOH ☐ HNO_3 ☐ H_2SO_4 ☐ Zinc Acetate
Exceptions: VOA, Coliform, TOC/DOC Oil and Grease, DRO/8015 (water) and Dioxin/PFAS	☒ Yes RHL 6/8/21	☐ No	~~☐ N/A~~	Positive for Res. Chlorine? ☐ Yes ☐ No **pH Paper Lot#** **See Exception** ☐ **ENV-FRM-MIN4-0142**
				Res. Chlorine | 0-6 Roll | 0-6 Strip | 0-14 Strip
Extra labels present on soil VOA or WIDRO containers?	☐ Yes	☐ No	☒ N/A	13. **See Exception** ☐ **ENV-FRM-MIN4-0140**
Headspace in VOA Vials (greater than 6mm)?	☐ Yes	☒ No	☐ N/A	
Trip Blank Present?	☒ Yes	☐ No	☐ N/A	14. Pace Trip Blank Lot # (if purchased): 306701
Trip Blank Custody Seals Present?	☒ Yes	☐ No	☐ N/A	

CLIENT NOTIFICATION/RESOLUTION **Field Data Required?** ☐ Yes ☐ No

Person Contacted: _____ Date/Time: _____

Comments/Resolution: _____

Project Manager Review: Jenni Gross **Date:** 06/08/21

Note: Whenever there is a discrepancy affecting North Carolina compliance samples, a copy of this form will be sent to the North Carolina DEHNR Certification Office (i.e out of hold, incorrect preservative, out of temp, incorrect containers).

Labeled by: CS

Appendix B

June 2021 Groundwater Sampling Field Data Sheets

Groundwater Sampling Field Data Sheet

WCEC
ENVIRONMENTAL CONSULTANTS

Project Number:	1462
Site Name:	Bleyhl Farm Service
Address:	Sunnyside, WA

Well Identification: MW1 Field Team: MM Date: 6/3/21

Well Information:

Well Diameter (in.)	2
Depth to Bottom (ft.)	15
Depth to Water (ft.)	7.04
Length of Water Column (ft.)	
1 Casing Volumes (gal.)	
3 Casing Volumes (gal.)	

Free Product? [ ] Yes [ ] No

Depth to FP (ft.)	
Thickness (ft.)	
Volume (gal.)	

Purge Information:

Purge Method: [ ] Submersible Pump [X] Peristaltic Pump
[ ] Bladder Pump [ ] Other: _____

Total Gallons Purged: _____ Purge Rate: _____

Date of Last Well Development: _____

Recharge Rate: [ ] Rapid [ ] Moderate [ ] Slow [ ] None

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
13:35								
13:40	0.75	1295	8.17	0.63	0.91	9.6	17.4	93.4
13:45	1.5	1364	8.15	0.69	1.33	14.0	17.6	96.4
13:50	2.25	1436	8.12	0.72	1.09	11.3	17.3	95.9
13:55	3	1485	8.09	0.75	0.83	8.6	17.1	90.6

Parameters Immediately Prior to Sample Collection:

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
14:00	3.75	1497	8.09	0.75	0.81	8.5	17.1	89.5

Sample Information:

Sample Method(s) : [X] Peristaltic Pump [ ] Submersible Pump [ ] Bladder Pump [ ] Bailer

Time Sampled : 14:80

Did well exceed RBSLs last sampling event? [ ] Yes [ ] No

Well Condition:

Monument Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary* [ ] Bolts Missing (Number needed: _____)

Casing Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary*

**If replacement is recommended, add notes below and take picture for file.*

Comments / Exceptions:

Well Casing Volume per Foot of Depth

Diameter of Casing or Hole (in.)	Volume (gal.)	Volume (L)
1	0.041	0.154
2	0.163	0.618
3	0.367	1.390
4	0.653	2.471

Water Quality Indicator Parameter Stabilization Range

pH	± 0.1 units
Specific Conductance	± 3%
Dissolved Oxygen	± 10%
Oxidation Reduction Potential (ORP)	± 10%
Turbidity	± 10 millivolts

Groundwater Sampling Field Data Sheet

WCEC
ENVIRONMENTAL CONSULTANTS

Project Number:	1462
Site Name:	Bleyhl Farm Service
Address:	Sunnyside, WA

Well Identification: MW2 Field Team: MM Date: 6/3/21

Well Information:

Well Diameter (in.)	2
Depth to Bottom (ft.)	15
Depth to Water (ft.)	5.84
Length of Water Column (ft.)	
1 Casing Volumes (gal.)	
3 Casing Volumes (gal.)	

Free Product? [ ] Yes [ ] No

Depth to FP (ft.)	
Thickness (ft.)	
Volume (gal.)	

Purge Information:

Purge Method: [ ] Submersible Pump [X] Peristaltic Pump
[ ] Bladder Pump [ ] Other: _____

Total Gallons Purged: _____ Purge Rate: _____

Date of Last Well Development: _____

Recharge Rate: [ ] Rapid [ ] Moderate [ ] Slow [ ] None

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
14:55								
15:00	0.5	1831	8.16	0.93	11.95	123.3	16.6	152.4
15:05	1	1823	8.15	0.93	11.90	122.7	16.6	155.2
15:10	1.5	1804	8.13	0.92	11.66	120.2	16.6	156.4
15:15	2	1768	8.14	0.90	12.22	126.1	16.5	157.7

Parameters Immediately Prior to Sample Collection:

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
15:20	2.5	1768	8.14	0.90	12.33	127.0	16.4	158.0

Sample Information:

Sample Method(s) : [X] Peristaltic Pump [ ] Submersible Pump [ ] Bladder Pump [ ] Bailer

Time Sampled : 15:20

Did well exceed RBSLs last sampling event? [ ] Yes [ ] No

Well Condition:

Monument Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary* [ ] Bolts Missing (Number needed: _____)

Casing Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary*

**If replacement is recommended, add notes below and take picture for file.*

Comments / Exceptions:

Well Casing Volume per Foot of Depth

Diameter of Casing or Hole (in.)	Volume (gal.)	Volume (L)
1	0.041	0.154
2	0.163	0.618
3	0.367	1.390
4	0.653	2.471

Water Quality Indicator Parameter Stabilization Range

pH	± 0.1 units
Specific Conductance	± 3%
Dissolved Oxygen	± 10%
Oxidation Reduction Potential (ORP)	± 10%
Turbidity	± 10 millivolts

Groundwater Sampling Field Data Sheet

WCEC
ENVIRONMENTAL CONSULTANTS

Project Number:	1462
Site Name:	Bleyhl Farm Service
Address:	Sunnyside, WA

Well Identification: MW3 Field Team: MM Date: 6/3/21

Well Information:

Well Diameter (in.)	2
Depth to Bottom (ft.)	15
Depth to Water (ft.)	6.40
Length of Water Column (ft.)	
1 Casing Volumes (gal.)	
3 Casing Volumes (gal.)	

Free Product? [ ] Yes [ ] No

Depth to FP (ft.)	
Thickness (ft.)	
Volume (gal.)	

Purge Information:

Purge Method: [ ] Submersible Pump [X] Peristaltic Pump
[ ] Bladder Pump [ ] Other: _____

Total Gallons Purged: _____ Purge Rate: _____

Date of Last Well Development: _____

Recharge Rate: [ ] Rapid [ ] Moderate [ ] Slow [ ] None

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
14:15								
14:20	0.5	2961	8.10	1.54	0.89	9.5	18.2	112.5
14:25	1	2875	8.15	1.50	0.68	7.1	17.4	98.2
14:30	1.5	2888	8.15	1.51	0.67	7.0	17.2	89.5
14:35	2	2856	8.15	1.49	0.65	6.9	17.2	83.1

Parameters Immediately Prior to Sample Collection:

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
14:40	2.5	2850	8.15	1.49	0.65	6.8	17.2	82.7

Sample Information:

Sample Method(s) : [X] Peristaltic Pump [ ] Submersible Pump [ ] Bladder Pump [ ] Bailer

Time Sampled : 14:40

Did well exceed RBSLs last sampling event? [ ] Yes [ ] No

Well Condition:

Monument Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary* [ ] Bolts Missing (Number needed: _____)

Casing Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary*

**If replacement is recommended, add notes below and take picture for file.*

Comments / Exceptions:

light gray color

Well Casing Volume per Foot of Depth

Diameter of Casing or Hole (in.)	Volume (gal.)	Volume (L)
1	0.041	0.154
2	0.163	0.618
3	0.367	1.390
4	0.653	2.471

Water Quality Indicator Parameter Stabilization Range

pH	± 0.1 units
Specific Conductance	± 3%
Dissolved Oxygen	± 10%
Oxidation Reduction Potential (ORP)	± 10%
Turbidity	± 10 millivolts

Groundwater Sampling Field Data Sheet

WCEC
ENVIRONMENTAL CONSULTANTS

Project Number:	1462
Site Name:	Bleyhl Farm Service
Address:	Sunnyside, WA

Well Identification: MW4 Field Team: MM Date: 6/3/21

Well Information:

Well Diameter (in.)	2
Depth to Bottom (ft.)	15
Depth to Water (ft.)	6.02
Length of Water Column (ft.)	
1 Casing Volumes (gal.)	
3 Casing Volumes (gal.)	

Free Product? [ ] Yes [ ] No

Depth to FP (ft.)	
Thickness (ft.)	
Volume (gal.)	

Purge Information:

Purge Method: [ ] Submersible Pump [X] Peristaltic Pump
[ ] Bladder Pump [ ] Other: _____

Total Gallons Purged: _____ Purge Rate: _____

Date of Last Well Development: _____

Recharge Rate: [ ] Rapid [ ] Moderate [ ] Slow [ ] None

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
15:35								
15:40	0.5	1565	8.34	0.79	0.83	8.6	17.2	144.4
15:45	1	1586	8.36	0.80	0.73	7.6	17.1	135.5
15:50	1.5	1593	8.35	0.81	0.71	7.3	16.9	128.8
15:55	2	1597	8.35	0.81	0.69	7.2	16.9	124.1

Parameters Immediately Prior to Sample Collection:

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
15:55	2.5	1599	8.35	0.81	0.69	7.2	16.8	123.6

Sample Information:

Sample Method(s) : [X] Peristaltic Pump [ ] Submersible Pump [ ] Bladder Pump [ ] Bailer

Time Sampled : 16:00

Did well exceed RBSLs last sampling event? [ ] Yes [ ] No

Well Condition:

Monument Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary* [ ] Bolts Missing (Number needed: _____)

Casing Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary*

**If replacement is recommended, add notes below and take picture for file.*

Comments / Exceptions:

Well Casing Volume per Foot of Depth

Diameter of Casing or Hole (in.)	Volume (gal.)	Volume (L)
1	0.041	0.154
2	0.163	0.618
3	0.367	1.390
4	0.653	2.471

Water Quality Indicator Parameter Stabilization Range

pH	± 0.1 units
Specific Conductance	± 3%
Dissolved Oxygen	± 10%
Oxidation Reduction Potential (ORP)	± 10%
Turbidity	± 10 millivolts

Groundwater Sampling Field Data Sheet

WCEC
ENVIRONMENTAL CONSULTANTS

Project Number:	1462
Site Name:	Bleyhl Farm Service
Address:	Sunnyside, WA

Well Identification: MW5 Field Team: MM Date: 6/3/21

Well Information:

Well Diameter (in.)	2
Depth to Bottom (ft.)	15
Depth to Water (ft.)	6.19
Length of Water Column (ft.)	
1 Casing Volumes (gal.)	
3 Casing Volumes (gal.)	

Free Product? [ ] Yes [ ] No
Depth to FP (ft.)
Thickness (ft.)
Volume (gal.)

Purge Information:

Purge Method: [ ] Submersible Pump [X] Peristaltic Pump
[ ] Bladder Pump [ ] Other: _____
Total Gallons Purged: Purge Rate:
Date of Last Well Development:
Recharge Rate: [ ] Rapid [ ] Moderate [ ] Slow [ ] None

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
16:15								
16:20	0.5	1681	8.30	0.86	0.75	7.7	16.8	98.8
16:25	1	1849	8.34	0.95	0.72	7.4	16.8	101.2
16:30	1.5	1980	8.37	1.02	0.70	7.2	16.7	101.5
16:35	2	2019	8.38	1.04	0.68	7.1	17.1	101.0

Parameters Immediately Prior to Sample Collection:

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
16:40	2.5	2015	8.38	1.03	0.68	7.1	7.1	100.9

Sample Information:

Sample Method(s) : [X] Peristaltic Pump [ ] Submersible Pump [ ] Bladder Pump [ ] Bailer
Time Sampled : 16:40
Did well exceed RBSLs last sampling event? [ ] Yes [ ] No

Well Condition:

Monument Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary* [ ] Bolts Missing (Number needed: _____)
Casing Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary*
**If replacement is recommended, add notes below and take picture for file.*

Comments / Exceptions:

dark gray

Well Casing Volume per Foot of Depth

Diameter of Casing or Hole (in.)	Volume (gal.)	Volume (L)
1	0.041	0.154
2	0.163	0.618
3	0.367	1.390
4	0.653	2.471

Water Quality Indicator Parameter Stabilization Range

pH	± 0.1 units
Specific Conductance	± 3%
Dissolved Oxygen	± 10%
Oxidation Reduction Potential (ORP)	± 10%
Turbidity	± 10 millivolts

Groundwater Sampling Field Data Sheet

WCEC
ENVIRONMENTAL CONSULTANTS

Project Number:	1462
Site Name:	Bleyhl Farm Service
Address:	Sunnyside, WA

Well Identification: MW6 Field Team: MM Date: 6/3/21

Well Information:

Well Diameter (in.)	2
Depth to Bottom (ft.)	15
Depth to Water (ft.)	6.41
Length of Water Column (ft.)	
1 Casing Volumes (gal.)	
3 Casing Volumes (gal.)	

Free Product? [ ] Yes [ ] No

Depth to FP (ft.)	
Thickness (ft.)	
Volume (gal.)	

Purge Information:

Purge Method: [ ] Submersible Pump [X] Peristaltic Pump
[ ] Bladder Pump [ ] Other: _____

Total Gallons Purged: _____ Purge Rate: _____

Date of Last Well Development: _____

Recharge Rate: [ ] Rapid [ ] Moderate [ ] Slow [ ] None

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
16:55								
17:00	0.5	826	7.93	0.41	0.76	8.0	17.2	130.1
17:05	1	807	7.86	0.40	0.73	7.8	18.1	123.7
17:10	1.5	825	7.83	0.41	0.68	7.1	17.6	117.7
17:15	2	808	7.84	0.40	0.67	7.0	17.5	114.9

Parameters Immediately Prior to Sample Collection:

Time	Gallons	Conductivity	pH	Salinity	DO (mg/L)	DO%	Temperature	ORP
17:20	2.5	803	7.85	0.39	0.67	7.0	17.4	114.2

Sample Information:

Sample Method(s) : [X] Peristaltic Pump [ ] Submersible Pump [ ] Bladder Pump [ ] Bailer

Time Sampled : 17:20

Did well exceed RBSLs last sampling event? [ ] Yes [ ] No

Well Condition:

Monument Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary* [ ] Bolts Missing (Number needed: _____)

Casing Condition : [ ] Good [ ] Moderate [ ] Poor [ ] Replacement Necessary*

**If replacement is recommended, add notes below and take picture for file.*

Comments / Exceptions:

Well Casing Volume per Foot of Depth

Diameter of Casing or Hole (in.)	Volume (gal.)	Volume (L)
1	0.041	0.154
2	0.163	0.618
3	0.367	1.390
4	0.653	2.471

Water Quality Indicator Parameter Stabilization Range

pH	± 0.1 units
Specific Conductance	± 3%
Dissolved Oxygen	± 10%
Oxidation Reduction Potential (ORP)	± 10%
Turbidity	± 10 millivolts