Groundwater Monitoring Report – September 2022

Coleman Oil Company Facility
3 East Chehalis Street
Wenatchee, Washington

Prepared for:
Coleman Oil Company
335 Mill Road
Lewiston, Idaho 83501

October 13, 2022

Prepared by:

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HydroCon Project No: 2017-074

Prepared by:

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Acronyms

amsl	above mean sea level
bgs	below ground surface
BNSF	Burlington Northern – Santa Fe Railroad
COC	Chemical of Concern
Coleman Oil	Coleman Oil Company
DRPH	diesel range petroleum hydrocarbons
Ecology	Washington Department of Ecology
EDB	1,2-dibromoethane
EDC	1,2-dichloroethane
EEC	Environmental Engineering & Consulting, Inc.
EPA	Environmental Protection Agency
GRPH	gasoline range petroleum hydrocarbons
HydroCon	HydroCon Environmental LLC
µg/L	micrograms per liter
LCS/LCSD	Laboratory Control Sample/ Laboratory Control Sample Duplicates
LNAPL	light nonaqueous-phase liquid
MDL	method detection limit
MRL	method reporting limit
MTBE	Methyl tert-butyl ether
MTCA	Model Toxics Control Act
MNA	monitored natural attenuation
ORPH	oil range petroleum hydrocarbons
PAHs	polynuclear aromatic hydrocarbons
PID	photoionization detector

EXECUTIVE SUMMARY

This Groundwater Monitoring Report provides the scope and findings of groundwater monitoring that was performed in September 2022. This monitoring event was performed to assess groundwater quality at the Site following the completion of the Supplemental Remedial Investigation in 2019 (2019 SRI) and to document the direction and gradient of groundwater flow and groundwater contaminant levels.

Planned upgrades to the Site's groundwater treatment system have been completed. The new system recirculates treated water into sumps located in the uplands area of the Site instead of discharging it into the City of Wenatchee's sanitary sewer system. Petroleum contaminated water is collected from 9 pumping wells (MW09R, MW10R, BH01R, MW17, MW24, MW28, MW29, MW30, and MW32) and treated using granular activated carbon (GAC), the same as the previous system. The treated water is temporarily placed into storage tanks located in Tank Farm A. The treated water is enriched with oxygen using 0.075% hydrogen peroxide (H202) and then discharged into one or more of the sumps that were placed in the uplands area during remedial excavations in 2017 and 2019. This creates a closed loop system designed to enhance the biologic degradation of residual hydrocarbons at the Site. The new treatment system has been automated and requires less manpower to operate and maintain. Therefore, Coleman Oil has decided to take over the O&M and Columbia River level monitoring and boom management at the site.

Based on the capabilities of the new remediation system as well as the improved Site conditions due to remedial interim actions taken at the Site, HydroCon petitioned Ecology to modify groundwater monitoring[1]. These modifications were approved by Ecology with the following stipulations:

- Beginning in 2021, groundwater monitoring will be performed on a semi-annual basis at selected monitoring wells agreed upon by Ecology (MW-6, MW-8, MW09R, MW10R, MW-11, MW13R, MW14, MW17, MW20, MW21, MW24, MW28, MW29, MW30, MW32, BH01R and BH-2) until all contaminants of concern are reduced below their respective MTCA Method A cleanup levels (CUL). Once that occurs, the groundwater monitoring schedule will revert back to a quarterly basis until the concentration of all contaminants of concern remain below their CULs at all wells being monitored for 4 consecutive quarters.
- At Ecology's request, at least one monitoring event during the final quarterly sampling process will include sampling of all site monitoring wells to verify that the "clean wells" have remained below the cleanup level.

The sampling performed on September 12 through 14, 2022 represents the fourth semi-annual groundwater monitoring event after the installation of the treated groundwater recirculation system. The following tasks and reporting performed for this monitoring event includes:

[1] HydroCon, *Addendum to the 2019 O&M Monitoring Report – Modifications to Site Monitoring*, August 10, 2020

- Turn off the pumps on September 9, 2022 at monitoring wells MW09R, MW10R, BH0 1R, MW17, MW24, MW28, MW29, MW30 and MW32 where groundwater and product recovery are being performed to allow groundwater levels to equilibrate to static conditions.
- Collect depth to water and product at each of the Site monitoring and recovery wells on September 14, 2022, five days after the pumps had been turned off.
- Collect groundwater samples for chemical analysis at 17 wells.
- Review the laboratory results and perform a data validation review and summary.
- Compile the depth to water, product level information, and analytical data into summary tables and figures.
- Update trend plots of GRPH and DRPH in groundwater in the site monitoring wells (Figures 4 through 4e).
- Prepare figures showing the extent and concentration of GRPH and DRPH in groundwater at the site based on September 2022 results (Figures 5 and 6).
- Prepare a discussion on the laboratory results, groundwater flow direction and gradient, trends in groundwater chemistry, and the extent of gasoline range petroleum hydrocarbons (GRPH) and diesel range petroleum hydrocarbons (DRPH) contamination in groundwater at the site.
- Update the tentative schedule of future groundwater monitoring events.

1.0 INTRODUCTION

HydroCon Environmental, LLC (HydroCon), has prepared this Groundwater Monitoring Report on behalf of Coleman Oil Company (Coleman Oil) to assess groundwater quality following the completion of the 2019 SRI and to document the direction and gradient of groundwater flow and groundwater contaminant levels at the Coleman Oil fuel storage facility at 3 Chehalis Street in Wenatchee, Washington (herein referred to as the Property). This report has been prepared to meet the requirements of Exhibit B – Scope of Work and Schedule of Agreed Order No. DE 15389 entered into by Coleman Oil Company, LLC; Coleman, Services IV, LLC; and Ecology with an effective date of October 30, 2017 (Agreed Order).

The Site, as defined under the Washington State Model Toxics Control Act Cleanup Regulation (MTCA), Chapter 173-340 of the Washington Administrative Code (WAC §173-340-200), comprises the portion of the Property and adjacent properties where hazardous substances have come to be located in soil, groundwater, and surface water at concentrations suspected to exceed applicable cleanup levels as a result of releases at the Property (herein referred to as the Site).

1.1 *Document Organization*

The Groundwater Monitoring Report is organized as follows:

Section 2, Background Information, which provides a description of the Site, Property ownership, and geologic and hydrogeologic setting.

Section 3, Field Work

Section 4, Groundwater Monitoring Results

Section 5, Discussion

Section 6, Future Monitoring Schedule

Section 7, Qualifications

Section 8, References

2.0 BACKGROUND INFORMATION

Site background information and remediation history has been discussed in detail the Supplemental Remedial Investigation (SRI) Work Plan (HydroCon 2018a) and the Draft SRI Report (HydroCon 2018b) as well as previous groundwater monitoring reports.

2.1 Site Description

The Site is located at 3 Chehalis Street in Wenatchee, Washington, nearly adjacent to the west side of the Columbia River. Land use near the Site is primarily industrial (Figure 1).

2.2 Remedial Measures

Several remedial measures have been performed at the Site since the discovery of the release.

- Pads and booms were placed in the Columbia River in the observed sheen discharge area to recover product after discovery of the release. This practice has continued along with daily reporting regarding Columbia River conditions, now reduced to daily observations but weekly reporting.
- A remedial excavation was performed at the Coleman Oil facility near the point of release. Approximately 741 tons of petroleum contaminated soil was removed for offsite disposal.
- Sumps were placed in the remedial excavation backfill. Pumps were placed in the sumps to recover product and maintain a cone of depression to minimize product migration. Effluent from the sumps was routed to an oil/water separator and settling tanks prior to treatment using granular activated carbon (GAC). The treated water was disposed under permit into the City of Wenatchee's sanitary sewer system.
- Farallon Consulting and Ecology's consultant (Environmental Partners, Inc. [EPI]) installed fifteen wells at the Site (MW-1 through MW-11, BH-1 through BH-3, and RW-1). Product recovery via skimming using a peristaltic pump and tubing and/or passive recovery using hydrophobic socks occurred in some of the wells.
- In April 2018, HydroCon performed a supplemental remedial investigation (2018 SRI) that included the addition of fourteen new 4-inch diameter monitoring wells (MW12 through MW23, MW01S and MW03S). Three wells with persistent light nonaqueous-phase liquid (LNAPL) measurements (MW-9, MW-10, and BH-1) were fitted with pumps and connected with underground piping for pressurized air to operate the pumps, and conduit for electrical power for heat tape at each pumping well and effluent piping to collect the recovered groundwater and product. The recovered groundwater and product from these wells were routed through three oil/water separators, into storage tanks and then through filtration and GAC and into storage tanks. The treated water was analyzed prior to discharge in batches under an agreement between Coleman Oil and the City of Wenatchee into the City's sanitary sewer system. Pumping of the three wells began on May 5, 2018.
- In August 2018 nine new 4-inch diameter monitoring wells (MW24 through MW32) were installed at the Site. Two of the wells used to recover product and contaminated groundwater (MW-9 and MW-10) were deepened, completed as 4-inch diameter wells, and renamed MW09R and

MW10R, respectively.

- A release of diesel and gasoline from a 55-gallon drum onto the ground surface occurred at the Site near the northeastern corner of Tank Farm A in early September 2018. In response, a total of 16.83 tons of petroleum contaminated soil was removed by excavation. Confirmation soil sampling results indicated that the lateral extent of contamination had been removed. However, the concentration of GRPH and DRPH in the excavation floor sample collected near the groundwater interface exceeded their respective MTCA Method A cleanup level. No further excavation was attempted due to the proximity of the Tank Farm A containment and a massive boulder that was too large to remove using the excavation equipment. Further remedial action in this area was considered in the feasibility study that was prepared later for the Site.

- The remediation system for recovering product and treating groundwater was expanded in November 2018 to include six more recovery points (MW17, MW24, MW28, MW29, MW30, and MW32). The modified remediation system now consists of three separate zones that pump LNAPL and contaminated groundwater into three OWSs. These zones include the MW09R zone (MW09R, MW17, and MW32); the MW10R zone (MW10R, MW24, and MW28); and the BH-1 zone (BH01R, MW29, and MW30) with all 9 wells active. The expanded remediation system began pumping on November 2, 2018.

- On May 21-23, 2019 a remedial excavation was performed at the former Control Valve Building and Tank Farm B. A total of 875 tons of PCS was removed and disposed at the Greater Wenatchee Regional Landfill. Monitoring well MW13 was removed during the excavation process. Replacement well MW13R was installed in a similar location after the remedial excavation was completed. Two sets of 4-inch diameter slotted Schedule 40 PVC piping were placed inside the excavation at a depth of approximately 5 feet bgs for future use as conveyance piping for the application of treated and oxygen enriched groundwater.

- The Site's groundwater treatment system was upgraded in 2020. The new system was activated in August 2020 and recirculates treated water into sumps located in the uplands area of the Site instead of discharging it into the City of Wenatchee's sanitary sewer system. Petroleum contaminated water is collected from 9 pumping wells (MW09R, MW10R, BH01R, MW17, MW24, MW28, MW29, MW30, and MW32) and treated using granular activated carbon (GAC), the same as the previous system. The treated water is temporarily placed into storage tanks located in Tank Farm A. The treated water is enriched with oxygen using 0.075% hydrogen peroxide (H202) and then discharged into one or more of the sumps that were placed in the uplands area during remedial excavations in 2017 and 2019. This creates a closed loop system designed to enhance the biologic degradation of residual hydrocarbons at the Site.

The construction details for all wells, including well depth, screened intervals, and screen diameters, are summarized on Table 1.

As of December 31, 2019, a total of 454.47 gallons of product had been recovered (HydroCon 2020b). The majority of the product is believed to be R99 from the 2017 release. Other fuel products have been identified by forensic analysis to be present in the subsurface, including gasoline, non-R99 diesel fuel, and lubricating oil, so it is likely that some of the recovered product includes petroleum products other than R99.

Since December 31, 2019 measurement and product recovery from remediation system was halted due to

the lack of observable product collecting in the OWS. However, the OWS are checked and skimmed on a bi-weekly basis for the presence of free product. Algae and iron bacteria have been the only things observed and removed in the OWS.

2.3 Geologic & Hydrogeologic Setting

The Site is located in the Wenatchee Valley approximately 150 feet west south-west of the Columbia River at an elevation of approximately 660 feet above mean sea level (Figure 1). The topography of the Site slopes very gently to the north north-east parallel to the Columbia River.

The soils beneath the Site are consistent with ice-age alluvial deposits underlain by the Chumstick Formation bedrock. The alluvium consists primarily of silt and silty sand, with layers of clay, sand, gravel, cobbles and boulders. The thickness of the alluvium ranges from 6 to 31.5 feet. Boring logs and drilling observations indicate that a more massive, well cemented sandstone layer is beneath thin layers of mudstone, shale and sandstone and the sandstone appears to be acting as an aquitard in this area. The groundwater level is within a few feet of the top of the Chumstick Formation and always above the sandstone layer. An exception is at MW22 where the groundwater is approximately 15 feet above the top of the Chumstick formation. The MW22 area has been disturbed by previous excavation and has been backfilled with construction and other debris.

Contaminant transport and groundwater flow appears to follow the surface of the Chumstick formation and field observations paired with analytical data suggest that the petroleum contamination penetrates a few feet into the formation and travels laterally within the shaley sandstone and shale, siltstone, mudstone of the Chumstick formation. The groundwater flow direction and the dip of the sandstone surface are both to the north/northeast, except in the region between the Site and the Columbia River (near the riverbank), where both are more to the east. Aquifer testing performed in February 2018 demonstrated that none of the wells tested are hydraulically connected. However, over 200 gallons of R99 (based on product recovery totals) has been recovered from the Columbia River with the apparent discharge points (Seeps SL01 through SL04) located west of monitoring wells BH-2 (south) to MW-10 (north).

2.6 Monitoring Well Identification

HydroCon utilizes a well and boring identification convention that differentiates wells and boring installed by HydroCon verses installations by others. Wells and borings installed by others include a hyphen in the identification (e.g., MW-11, BH-2) whereas those installed or modified by HydroCon do not include a hyphen (e.g., MW12, HC01).

3.0 FIELD WORK

This section describes the sampling procedures, analytical methods, groundwater conditions, and laboratory results for wells sampled or monitored in September 2022. A data quality review is included.

3.1 Groundwater Sampling Procedures

As discussed in the Executive Summary, the remediation system was turned off on September 9, 2022 to allow groundwater levels to equilibrate to static conditions. This practice has been followed for every groundwater monitoring event except for December 2019 when the remediation system remained active due to concerns for freezing pipes.

On September 14, 2022 (5 days after the remediation system was turned off), the water level in each well was measured using a clean electronic water level indicator. Water levels were measured at the scribed reference mark (north side of the top of the polyvinyl chloride casing) at each well. The water level was documented on the Groundwater Sample Collection Forms (Attachment A).

HydroCon collected groundwater samples on September 12 and 13, 2022 from 17 site monitoring and recovery wells (Tables 2 and 3).

Two field duplicate samples (MW99-W and MW100-W) were collected from MW-6 and MW17, respectively, for quality assurance/quality control (QA/QC) purposes.

Prior to groundwater sampling, monitoring wells were purged with a low-flow peristaltic pump or bladder pump equipped with a new length of low-density polyethylene tubing attached to a new length of silicone tubing in accordance with U.S. Environmental Protection Agency (EPA) guidance for low-flow sampling[2]. The tubing intake was placed approximately 2 to 3 feet below the surface of the groundwater or mid-screen in each well. During purging, water quality was monitored using a Quanta Multi-parameter water quality meter equipped with a flow-through cell. The water quality parameters monitored and recorded included temperature, pH, specific conductance, dissolved oxygen, turbidity, and oxidation-reduction potential. Each well was purged until all six water quality parameters stabilized or the minimum parameter subset of pH, specific conductance, temperature, and turbidity and/or dissolved oxygen stabilized. *Groundwater Sample Collection Forms* are included as Appendix A.

Following purging, groundwater samples were collected from the pump outlet tubing located upstream of the flow-through cell and placed directly into clean, laboratory-prepared sample containers. Each container was labeled with a unique sample identification number, placed on ice in a cooler, and transported under chain-of-custody to APEX laboratory of Tigard, Oregon, for laboratory analysis.

Purge water generated during the monitoring event was collected in 5-gallon buckets and transferred to the oil water separators in the onsite treatment system for treatment and then recirculated back into the

[2] *Low-Flow (Minimal Drawdown) Ground-Water Sampling Procedures (April 1996).* EPA/540/S-95/504

subsurface.

3.2 Laboratory Analysis

The analytical protocols for the samples collected at the Property include the required testing for petroleum releases for gasoline (Table 830-1 in the MTCA Cleanup Regulations Chapter 173-340 WAC). The analytical methods include:

- GRPH using Northwest Method NWTPH-Gx
- DRPH and ORPH using Northwest Method NWTPH-Dx
- BTEX using EPA Method 8260D

4.0 GROUNDWATER MONITORING RESULTS

4.1 Groundwater Conditions

HydroCon measured water levels at 38 wells on September 14, 2022, five days after the nine pumping wells (MW09R, MW10R, BH01R, MW17, MW24, MW28, MW29, MW30 and MW32) were shut off to allow water levels to equilibrate to static conditions. The depth to water measurements for September 14, 2022 and calculated groundwater elevations at each well are summarized in Table 2. It should be noted that monitoring well MW18 was dry so a groundwater elevation for that well could not be calculated.

On September 14, 2022, the depth to water at the Site ranged from 7.70 feet bgs (MW13R) to 39.00 feet bgs (MW-5) and groundwater elevations ranged from 615.92 (MW22) to 650.53 (MW-3) feet amsl. A groundwater elevation contour plot was prepared from this data set (Figure 3). Groundwater flow across the Site was generally to the northeast with a more easterly flow in the southern portion of the Site. The groundwater gradient between MW32, near the middle of the property and MW-30 was 0.18 ft/ft. The gradient in the southern portion of the Site between MW-2 and MW-5 is much steeper at 0.43 ft/ft.

Vertical gradients were calculated for well pairs MW-1/MW01S and MW-3/MW03S located in the southern portion of the Site. These well pairs are located within 10 horizontal feet of each other. The vertical hydraulic gradient within an aquifer (or between two aquifers separated by an aquitard) is calculated by dividing the difference in hydraulic head (or water level elevation) by the vertical (elevation) distance between the well screen midpoints. Table 5 provides the parameters and calculations for the vertical gradients of the well pairs.

The groundwater elevations for each well pair are very similar, with slightly higher elevations for the shallower well (MW1S) at the MW-1 pair and deeper well (MW-3) at the MW-3 pair indicating a very slight downward vertical gradient at the MW-1 pair slightly upward vertical gradient at the MW-3 pair. The calculated vertical gradient for MW-1/MW01S was -0.04 ft/ft and the vertical gradient for MW-3/MW03S was 0.049 ft/ft for the September 14, 2022 measurement.

These very small gradients have slightly fluctuated during site monitoring but appear to indicate that vertical gradients do not play a significant role in contaminant distribution or transport, at least in the southern portion of the Site.

4.2 Groundwater Sampling Results

Laboratory analytical results are reported as micrograms per liter (µg/L) or parts per billion. The results are provided in Table 3 and laboratory reports are included as Appendix B. A summary of the results for each constituent sampled is provided below.

Gasoline Range Petroleum Hydrocarbons

GRPH was detected above the laboratory's method reporting limit (MRL) in 13 wells including MW-6, MW-8, MW09R, MW10R, MW11, MW14, MW17, MW20, MW21, MW28, MW29, BH01R and BH-2. The GRPH concentration ranged up to 4,480 µg/L at MW14. The CUL for GRPH is 800 µg/L and was exceeded in the MW09R, MW10R, MW14 and MW20 samples.

Diesel Range Petroleum Hydrocarbons

DRPH was detected in all 17 wells sampled with concentrations ranging up to 7,920 µg/L at MW32. The CUL for DRPH is 500 µg/L and was exceeded in all wells sampled.

Oil Range Petroleum Hydrocarbons

ORPH was detected not detected above the MRL in any well sampled.

Benzene

Benzene was detected above the MRL in one well (MW14) at a concentration of 1.86 µg/L. The CUL for benzene (5 µg/L) was not exceeded.

Toluene

Toluene was not detected above the MRL in any well sampled.

Ethylbenzene

Ethylbenzene was detected above the MRL in MW14 at a concentration of 3.03 µg/L. The CUL for ethylbenzene is 700 µg/L and was not exceeded.

Total Xylenes

Total xylenes were not detected above the MRL in any of the samples.

Polynuclear Aromatic Hydrocarbons

Polynuclear aromatic hydrocarbons (PAHs) were not analyzed in any of the wells during this sampling event. Historic results are provided in Table 4.

4.3 Field Parameters

Dissolved Oxygen – The dissolved oxygen content in the samples collected from the site ranged from 0.04 to 0.68 mg/L. These low values indicate that groundwater at the site has a low oxygen content[3].

Redox Potential – Redox potential is a measure with which a molecule will accept electrons. It is measured in millivolts (mV). The more positive the redox potential, the more readily a molecule can be reduced. The redox potential in the samples collected from the site ranged from -159.5 mV to 39.7 mV.

pH – pH is a measure of the acidity or alkalinity of a solution. The pH scale ranges from 0 to 14. A pH less than 7 is considered to be acidic. A pH greater than 7 is considered to be basic or alkaline. The pH in the samples collected at the site ranged from 6.28 to 7.11.

[3] *User's Manual: Natural Attenuation Analysis Tool Package for Petroleum Contaminated Groundwater,* Toxics Cleanup Program Publication No. 05-09-091A. July Ecology, July 2005.

4.4 Data Quality Review

Laboratory testing of groundwater are included in Appendix B as APEX Work Order A210436. The *Data Quality Review Report* is included in Appendix C. The review of the analytical results included the following:

- Holding Times & Sample Receipt
- Surrogate Compounds
- Associated Matrix Spike/Matrix Spike Duplicate (MS/MSD)
- Associated Laboratory Duplicate
- Laboratory Control Sample/ Laboratory Control Sample Duplicates (LCS/LCSD)
- Method Blank
- Field Duplicates
- Target Analyte List
- Reporting Limits (MDL and MRL)
- Reported Results

Discrepancies were noted by the lab between sample containers and the chain-of-custody form.

- Visible air bubbles were observed in one out of the 3 bottles used for BTEX analysis in the MW-8, MW20, MW28 and MW30 samples. There was sufficient volume of sample in the other two bottles to properly perform the analysis so qualifiers were assigned to the sample results.
- Laboratory control sample duplicate (LCSD) analyzed in place of matrix spike/duplicate samples due to limited sample amount available for the NWTPH-Dx analysis. This had no effect on data quality.
- There were 2 Laboratory qualifiers for NWTPH-Dx: (F-11) “The hydrocarbon pattern indicates possible weathered diesel, or a contribution from a related component” and (F-20) Result for Diesel is estimated due to overlap from Gasoline Range Organics or other VOCs. Both results were assigned a J or UJ qualifier indicating that the results are an estimate.

No data were rejected, and completeness was 100 percent. All results are usable for their intended purpose. Data qualifications are identified in detail in full *Data Validation Report* included in Appendix C.

5.0 DISCUSSION

This section provides a breakdown of results of the September 2022 groundwater monitoring event compared to prior monitoring events.

5.1 Discussion of Laboratory Results

This sampling event represents the fourth semi-annual groundwater sampling after the construction of the treated groundwater recirculation system. This system was designed to capture and treat the petroleum contaminated groundwater recovered from the 9 extraction wells and enrich it with oxygen using hydrogen peroxide prior to discharging it back into the uplands area. This recirculation is intended to promote flushing of petroleum contaminants bound onto soil particles near the source areas (Loading Rack and former Tank Farm B/Control Valve Building) as well as promote biologic degradation by the increased oxygen content in the subsurface. A total of 186,204 gallons of treated water has been applied to the uplands area since the previous groundwater sampling event.

HydroCon negotiated a reduction in groundwater monitoring with Ecology that included sampling 17 wells that have had persistent concentrations of DRPH related to the release of R99 (quarterly to semi-annual). This schedule will be maintained until all wells have all contaminants of concern (COC) below their respective CUL. Once this occurs, quarterly groundwater sampling will resume until four consecutive quarters below the CUL is achieved for all COCs at all wells.

Results of the September 2022 groundwater monitoring event indicated that all 17 wells sampled at the Site has DRPH above the CUL and 4 wells has GRPH above the CUL. No free product was measured in the wells after the system was turned off for approximately 5 days.

This sampling event took place during the fall near the seasonal low-water table. Most of the wells have very little water in them due to the low water table conditions. This time period typically generates the highest concentrations of petroleum contaminants because the majority of the impacted soil is near the contact with the Chumstick formation. It should also be noted that one of the purposes of the recirculation system is intended to flush contaminants out of the sorbed phase in soil. This process is driving more contamination into solution so that it can be removed by the pumping wells and/or biologically degraded. Analytical results are likely biased high due to the flushing process being applied in the uplands area. The remediation system appears to be functioning as intended as there has been no sheen observed in the Columbia River.

5.2 Trends in GRPH and DRPH Concentrations in Groundwater

HydroCon has prepared trend plots of GRPH and DRPH in the 17 wells sampled in September 2022 (Figures 4, 4a, 4b, 4c, 4d and 4e). Assessment of trends has been complicated by the initiation of the recirculation system which is designed to flush the soil in the uplands area with treated water. Elevated concentration of COCs is expected in the pumping wells as the petroleum impacted groundwater is being drawn towards them so that it can be captured and treated in the remediations system.

In general, an increasing trend in DRPH is seen in MW-6, MW28 and MW32 and a decreasing trend in DRPH is seen in MW-8, MW-11 and MW24 compared to previous quarters. A spike up in DRPH concentration was seen at MW32. Persistently high GRPH concentrations continues to be observed at

MW-14. Fluctuating concentrations of GRPH is seen at other wells at the site, some with concentrations above the CUL. These fluctuations are most likely due to seasonal fluctuations and the effect of applying treated water in the uplands area.

5.3 Extent of Groundwater Contamination

The September 2022 groundwater results for GRPH and DRPH are plotted on Figures 5 and 6 and iso-concentration contours were prepared to illustrate the magnitude and extent of each contaminant at the Site. Red and gray colored shading was used to graphically display the plume boundary. Further details of the shading are provided in the legend of both figures.

The DRPH plot was modified to utilize site knowledge of groundwater flow, known preferential pathways (e.g., remedial excavation cavities), and to fill in the blanks where no groundwater data has been obtained (mostly in the area in between the point of the release and Chehalis Street). These plots are conceptual based on limited data points.

The seep area (soil samples SL01 through SL04) is included on the figures since the seep water is in contact with impacted soil and shows the location of this area relative to areas of impacted groundwater.

5.3.1 Diesel Range Petroleum Hydrocarbons

The extent of DRPH contamination in groundwater is illustrated on Figure 5. A plume of DRPH impacted groundwater with DRPH levels greater than the 500 µg/L CUL is present at the site from the former Control Valve Building and extends northeast slightly beyond monitoring well MW21.

As discussed above, HydroCon modified the plume configuration in this report to reflect known preferential pathways and presumed groundwater quality where no data have been obtained in between the point of the release and Chehalis Street. The extent of DRPH greater than 1,000 µg/L has been expanded based on the known direction of groundwater flow and the two areas of elevated DRPH concentrations within the plume including:

- The area encompassing MW13R and extending to monitoring wells MW20 and MW28. This area generally begins downgradient of the remedial excavation north of the point of release of R99 and includes many of the pumping wells located downgradient. The concentration of DRPH in this plume area ranges from 1,040 to 7,920 µg/L.
- The downgradient tip of the plume shows an elevated concentration of DRPH in the area of pumping wells MW10R and MW21.

Areas with DRPH concentrations less than 500 µg/L (Method A cleanup level) include areas of the Property south of Tank Farm A, much of the eastern and southern tip of the Property and adjacent Worthen Street, the northwest portion of Chehalis Street, and the line of wells east of Worthen Street including and between MW25 and RW-1.

5.3.2 Gasoline Range Petroleum Hydrocarbons

The extent of GRPH contamination in groundwater is illustrated on Figure 6. There is currently a localized area within the plume that have elevated GRPH concentrations above the CUL of 800 µg/L:

- The area around MW14 and downgradient towards MW09R. The highest concentration of

GRPH (4,480 µg/L) is present in MW14 which is located immediately downgradient of the footprint of former Tank Farm B.

- Localized concentrations of GRPH above the CUL include MW09R, MW20 and MW10R.

6.0 FUTURE MONITORING SCHEDULE

6.1 Daily Columbia River Level and Water Level Measurements

Coleman Oil manages the containment booms on the Columbia River, measures water levels in the Columbia River, and operates and maintains the treated groundwater recirculation system at the Site. Coleman Oil's daily tasks includes monitoring the water level at a surveyed reference location along the Columbia River and water and product levels in the nine recovery wells at the Site (MW09R, MW10R, BH01R, MW17, MW24, MW28, MW29, MW30, and MW32) using a clean electronic oil/water interface probe.

These measurements are recorded in spreadsheet files and a field form prepared by HydroCon that includes elevations of the four Seeps along with the depth of the pump setting on each pumping well. This form provides a comparison of the elevation of the Columbia River to the four Seeps. The presence of a sheen on the river was often associated with the river level being above one or more of the Seeps. In addition, the form also provides the depth of the pump setting in each pumping well so that the depth to ground water level can be compared to the pump setting to assess if the pumps are operating properly. This form is prepared on a daily basis and is provided to Ecology in the Monthly Progress Reports. HydroCon has expanded the Monthly Reports to include all O&M monitoring and repair work. These reports have replaced the annual O&M reports that have been prepared in the past.

The highest water levels measured in the Columbia River are typically seen during the spring melt which generally occurs in late April through July. The river level commonly rises to an elevation that is above one or more of the Seeps where petroleum sheen has been observed to emanate from. The occurrence of a sheen has diminished significantly since interim remedial actions have been implemented. On May 17, 2020 a sheen was observed for the first time in 278 days. A sheen was also recorded on May 19, 20 and 22. The occurrence of this sheen coincided with the pump being down in BH01R due to biofouling. HydroCon removed the pumps from all the pumping wells and gave them a thorough cleaning. No further sheens have been observed in the river since the pump maintenance was performed. This includes several days in the Spring and Winter where the elevation of the river was higher than one or more of the Seeps.

6.2 Weekly to Monthly Water Level and Product Thickness Measurements

Coleman Oil assists HydroCon with the collection of depth to water and product level measurements of all the Site wells on a monthly basis following the same protocol as the daily water and product level measurement task. Coleman Oil utilizes a Well Product Monitoring & Recovery spreadsheet to record these data (Appendix D). This form is provided to HydroCon so that the data can be entered into spreadsheets (i.e., Table 2). This information also is used to assess seasonal groundwater flow direction patterns and if there is correlation between groundwater levels in the aquifer and the Columbia River stage.

Up to 0.03 feet of free product was measured in three wells (MW09R, MW10R and MW-11) on October 6, 2021, five days after the remediation system had been turned off for the October 2021 sampling event. This is the first-time free product has been measured in the site monitoring wells since the November 2020 sampling event when MW29 had measurable free product after the remediation system had been turned off prior to starting that sampling event.

6.3 Next Planned Groundwater Monitoring Event

The next quarterly groundwater sampling event is tentatively scheduled for March 2023.

7.0 QUALIFICATIONS

HydroCon's services were performed in a manner consistent with generally accepted practices of the profession undertaken in similar studies in the same geographical area during the same time period. HydroCon makes no warranties, either expressed or implied, regarding the findings, conclusions or recommendations. Please note that HydroCon does not warrant the work of laboratories, regulatory agencies, or other third parties supplying information used in the preparation of the report.

Findings and conclusions resulting from these services are based upon information derived from the on-site activities and other services performed under this scope of work; such information is subject to change over time. Certain indicators of the presence of hazardous substances, petroleum products, or other constituents may have been latent, inaccessible, unobservable, nondetectable or not present during these services, and we cannot represent that the Site contains no hazardous substances, toxic materials, petroleum products, or other latent conditions beyond those identified during this monitoring. Subsurface conditions may vary from those encountered at specific sampling locations or during other surveys, tests, assessments, investigations, or exploratory services; the data, interpretations and findings are based solely upon data obtained at the time and within the scope of these services.

This report is intended for the sole use of **Coleman Oil Company** to meet the requirements of Exhibit B – Scope of Work and Schedule of the Agreed Order. This report may not be used or relied upon by any other party without the written consent of HydroCon. The scope of services performed in execution of this evaluation may not be appropriate to satisfy the needs of other users and use or re-use of this document or the findings, conclusions, or recommendations is at the risk of said user.

The conclusions presented in this report are, in part, based upon subsurface sampling performed at selected locations and depths. There may be conditions between borings or samples that differ significantly from those presented in this report and which cannot be predicted by this study.

8.0 REFERENCES

Farallon, 2017. *Supplemental Data Summary Report*. Prepared for Coleman Oil Company. October 18.

HydroCon, LLC. 2018a. *Supplemental Remedial Investigation Work Plan. Coleman Oil R99 Renewable Diesel Spill, Wenatchee, Washington*. Prepared for Coleman Oil Company, LLC. March 15.

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———. 2019e. *Quarterly Groundwater Monitoring Report – March 2019, May 28*.

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———. 2021a. *Semi-Annual Groundwater Monitoring Report – April 2021, May 18*.

———. 2021b. *Semi-Annual Groundwater Monitoring Report – October 2021, November 30*.

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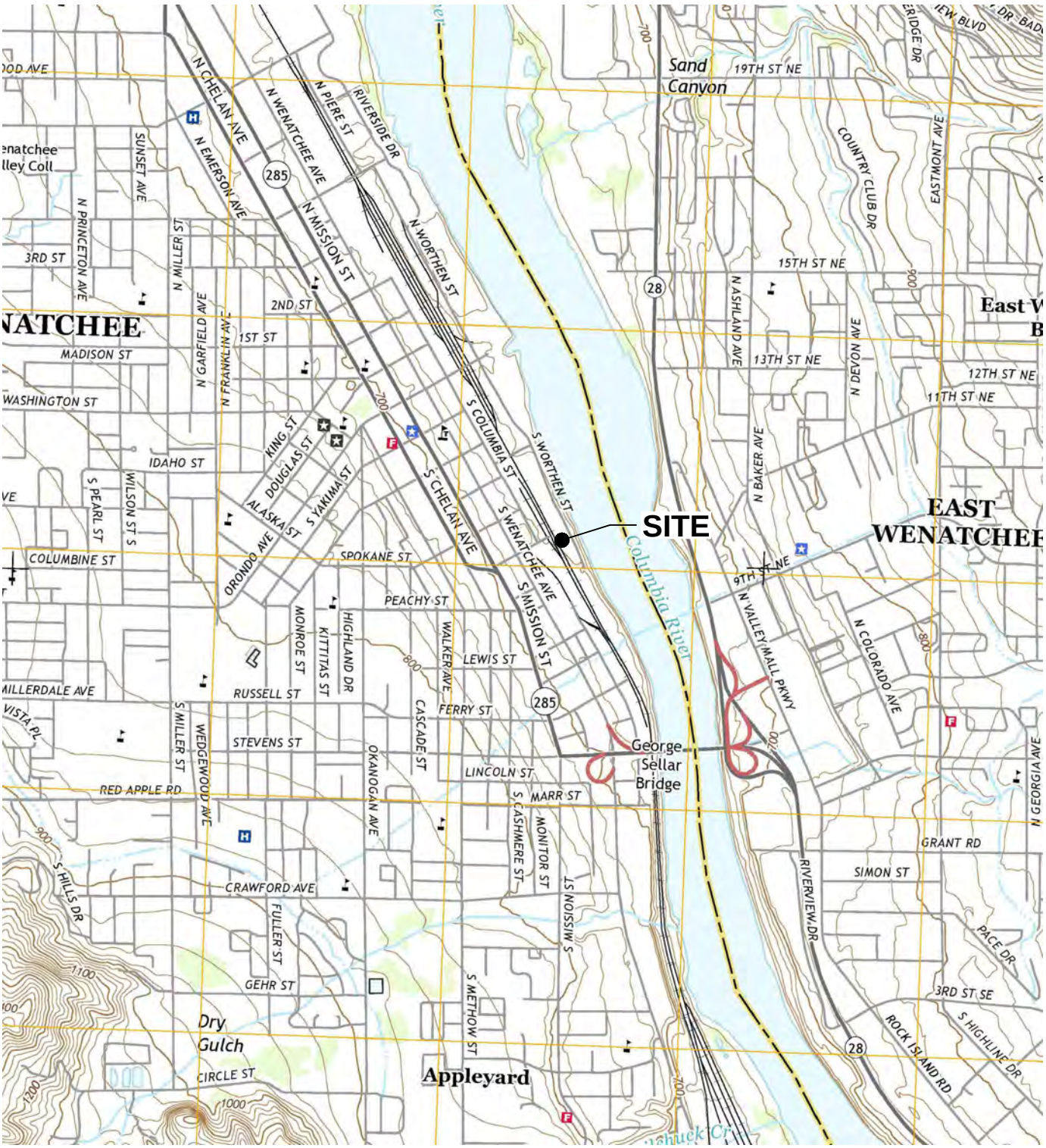
FIGURES



NOTE(S):

USGS, WENATCHEE QUADRANGLE
WASHINGTON
7.5 MINUTE SERIES (TOPOGRAPHIC)

0 2000 4000

SCALE IN FEET
1" = 2000'

N
W E
S

HydroCon
510 Allen St. Suite B Kelso, Wa 98626, Ph(360)-703-6086

DATE: 10-18-18
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 1
SITE LOCATION MAP

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

C:\Users\Josh\Desktop\Autocad Files\Hydrocon-Autocad\2017-074 Coleman Oil\2018\Oct 2018\2017-074_BM-101718.dwg

LEGEND

- Road
- Railroad
- Former Dry Well
- MW-1 — Monitoring Well (FARALLON)
- MW12 — Monitoring Well (HydroCon)
- BH-1 — Monitoring Well (EPI, 2017)
- RW-1 — Recovery Well (FARALLON)
- FB-3 — Boring Locations
- SUMP#6 — Sump
- Containment Booms
- TP01 — Test Pit Locations
- Sediment Sample Locations
- Attempted Sediment Sample Location

MW22
MW21
MW24
MW10R
MW25
MW26
BH-3
MW27
RW-1
FB-9
MW20
MW28
BH01R
MW29
MW19
MW30
BH-2
SL05
FB-8
MW31
MW09R
FB-7
FB-3
MW17
MW32
MW16
CHEHALIS ST.
MW18
MW-8
2017 Remdial Excavation
SUMP#5
HC02
FB-11
FB-4
MW-11
SUMP#6
FB-10
FB-5
Former Storage Building
SUMP#3
East-West Trench
North-South Trench
MW15
Former Main Office and Warehouse Building
HC12
MW14
SUMP#2
MW-6
MW-7
MW23
East-West Trench 2
HC01
Former Truck Loading Rack
FB-6
MW-5
TP08
MW-4
West Trench
SUMP#1
HC10
TP07
HC08
SUMP#4
HC11
MW-2 /FB-2
Former Underground Product Lines
Former Tank Farm B Fuel and Oil ASTs
HC09
2018 Drum Spill Excavation
2019 Remedial Excavation
HC07
MW13R
HC06
UST Access
TP03
TP02
TP06
Former Pipe Load/Unload
TP05
2013 Remedial Excavation
TP01
HC05
TP04
HC04
MW01S
Former Control Valve Building
HC03
MW-1/FB-1
Former Above Ground Pumps
MW03S
Tank Farm A Fuel ASTs
MW-3
Cardlock Dispenser Island
Former Dispenser Island
MW12
Truck Parking
Upriver Primary Containment Boom
Downriver Primary Containment Boom
River Level Gage
SL01
SL02
SL03
SL04
SS01
SS02
SS03
SS04
SS05
SS06
SS07
SS08
COLUMBIA RIVER
River Bank
S WORTHEN ST.

FIGURE 2
SITE FEATURES

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

DATE: 1-10-20
DWN: JJT
CHK: CH
APPROVED: CH
PRJ. MGR: CH
PROJECT NO: 2017-074

HydroCon
510 Allen St. Suite B Kelso, Wa 98626, Ph(360)-703-6086

SCALE IN FEET
1" = 50'
0 50 100

N W E S

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LEGEND

- Road
- Railroad
- MW-1 — Monitoring Well (FARALLON)
- MW12 — Monitoring Well (HydroCon)
- BH-1 — Monitoring Well (EPI, 2017)
- RW-1 — Recovery Well (FARALLON)
- MW-4 — Decommissioned Wells
- SL04 — Shoreline Sample Locations
- Containment Booms
- 623.19 — Groundwater Surface Elevation
- 630 — Groundwater Elevation Contour
- Approximate Groundwater Flow Direction

MW22 615.92
620
MW21 623.13
Upriver Primary Containment Boom
MW24 616.91
MW10R 619.93
MW25 622.68
625
SL04
MW26 623.19
SL03
SL02
BH-3 627.06
MW27 625.41
SL01
RW-1 626.09
630
MW20 626.53
MW28 626.28
BH01R 626.71
Downriver Primary Containment Boom
MW29 627.13
635
MW19 626.27
MW30 617.21
BH-2 621.65
MW31 619.63
640
COLUMBIA RIVER
MW09R 634.90
MW17 640.94
644.93 MW32
645
646.82 MW16
CHEHALIS ST
MW18
MW-8 639.50
2017 Remdial Excavation
SUMP#5
Former Storage Building
SUMP#6
MW-11 643.66
SUMP#3
East-West Trench
North-South Trench
MW15 620.04
Former Main Office and Warehouse Building
MW14 648.65
SUMP#2
MW-6 646.38
MW-7 645.39
MW23 645.01
Former Truck Loading Rack
East-West Trench 2
MW-5 617.00
TP08
West Trench
SUMP#1
TP07
MW-4 640.75
SUMP#4
MW-2 645.57
Former Underground Product Lines
Former Tank Farm B Fuel and Oil ASTs
2019 Remedial Excavation
MW13R 648.97
2018 Drum Spill Excavation
UST Access
Former Pipe Load/Unload
RE-EAST
RE-WEST
2013 Remedial Excavation
645.23 MW01S
MW-1 645.75
Former Control Valve Building
650
Former Above Ground Pumps
650.16 MW03S
Tank Farm A Fuel ASTs
MW-3 650.53
Cardlock Dispenser Island
Former Dispenser Island
S WORTHEN ST.
650.27 MW12
Truck Parking
River Bank

FIGURE 3
GROUNDWATER ELEVATION CONTOURS
FOR (SEPTEMBER 14, 2022)
COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

DATE: 9-28-22
DWN: JJT
CHK: CH
APPROVED: CH
PRJ. MGR: CH
PROJECT NO: 2017-074

HydroCon
510 Allen St. Suite B Kelso, Wa 98626, Ph(360)-703-6086

SCALE IN FEET
1" = 50'
0 50 100

N W E S

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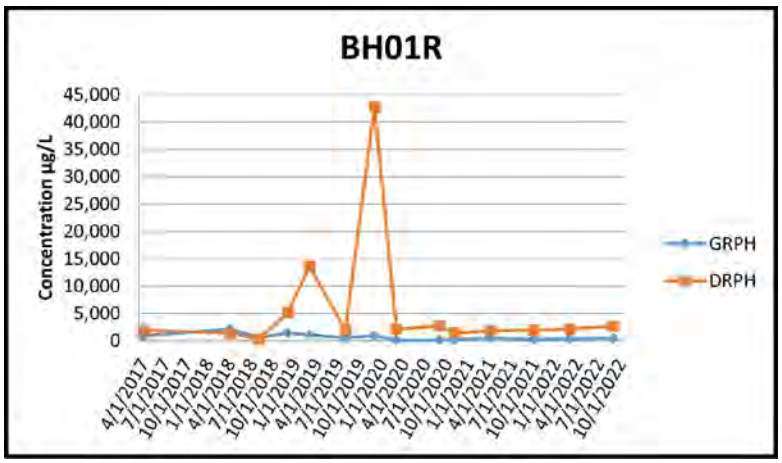

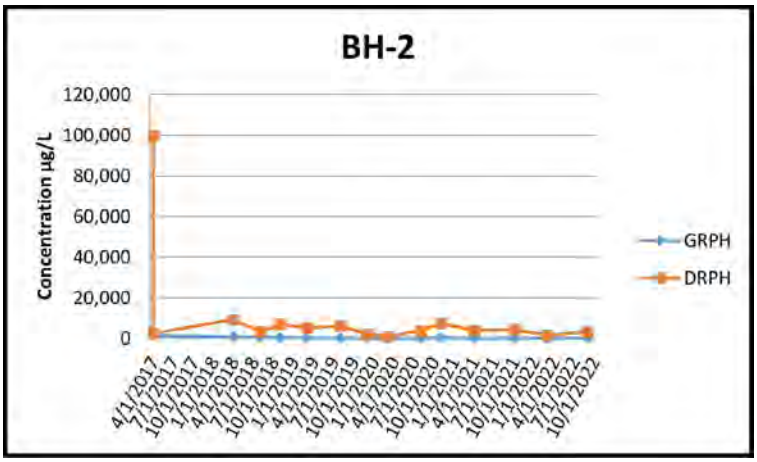

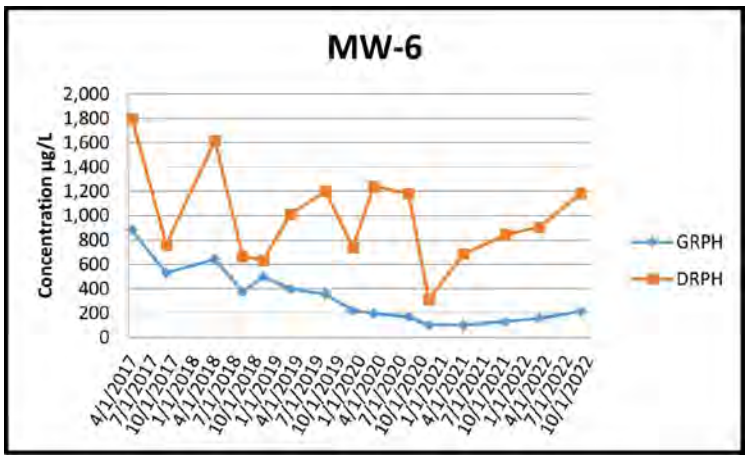

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HydroCon

DATE: 10-4-22
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

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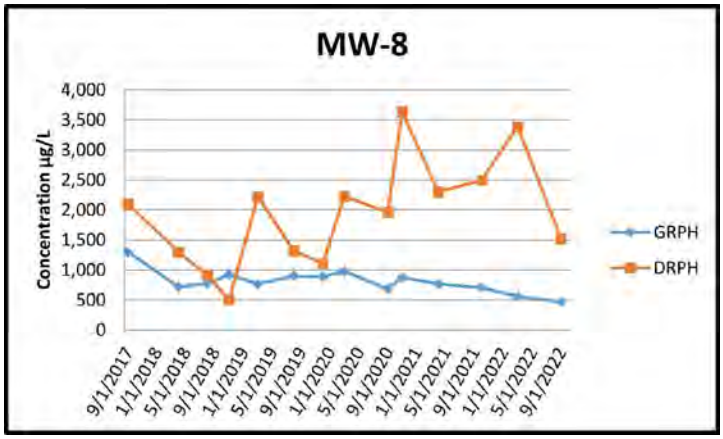

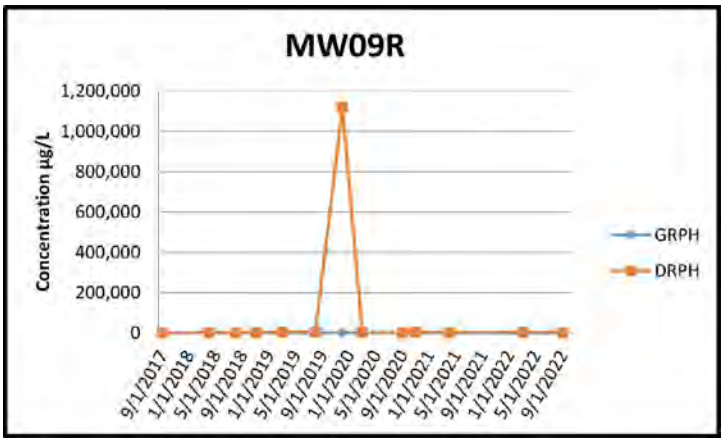

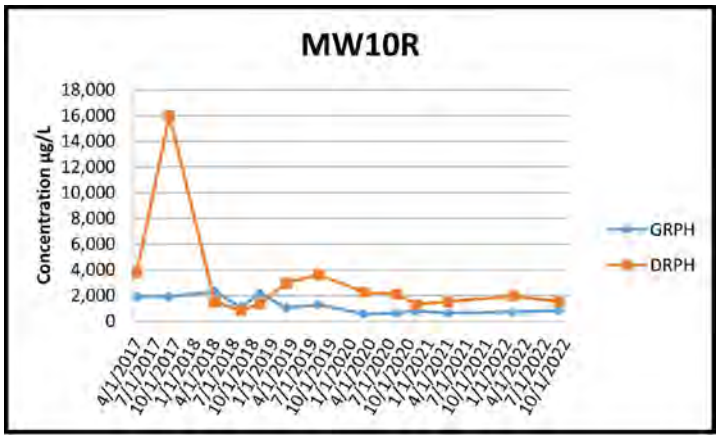

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Hydro Con

DATE: 10-4-22
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4A
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

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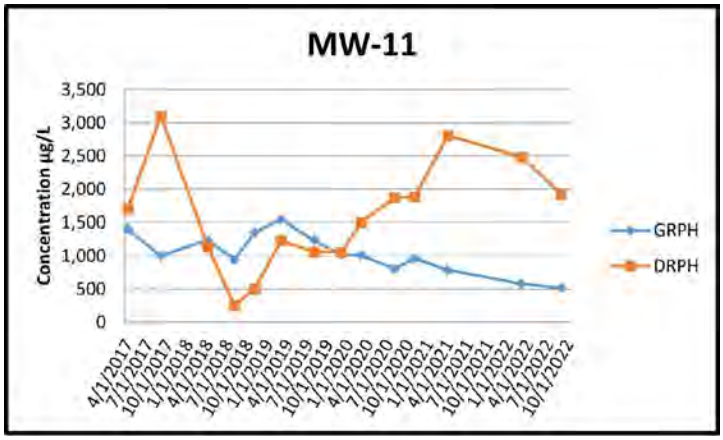

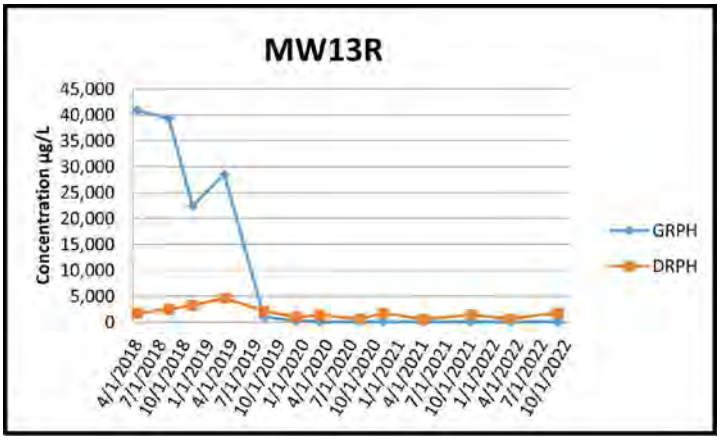

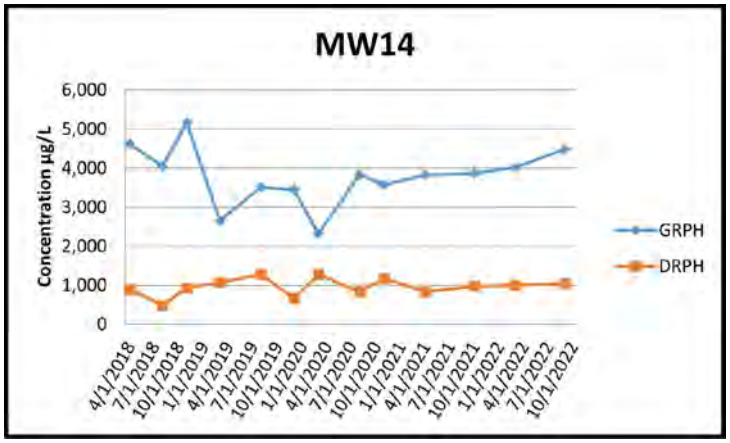

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HydroCon

DATE: 10-4-22
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4B
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

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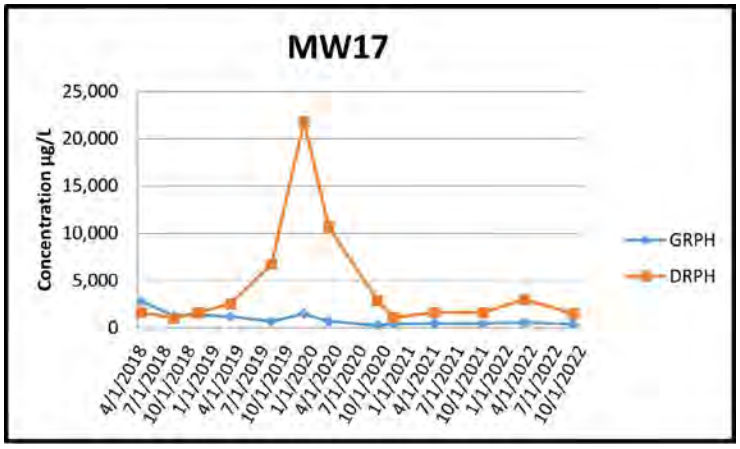

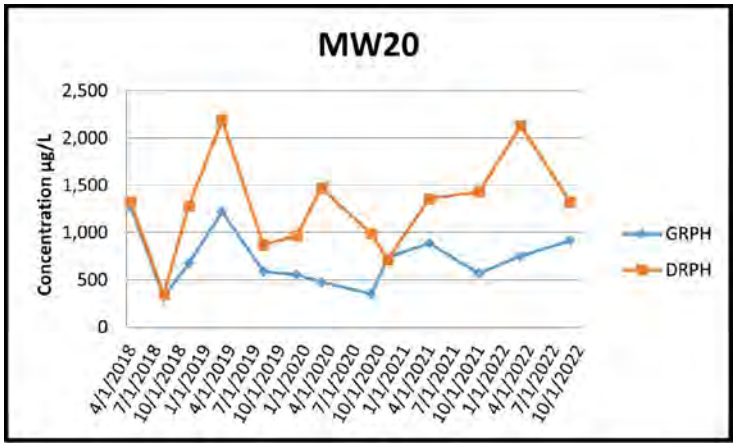

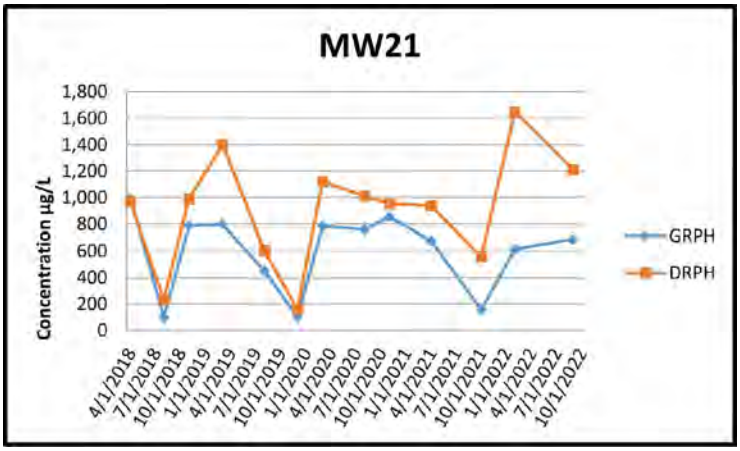

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HydroCon

DATE: 10-4-22
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4C
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

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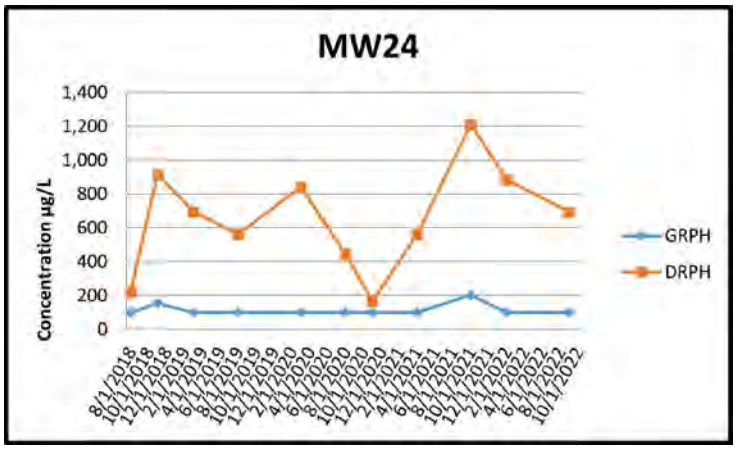

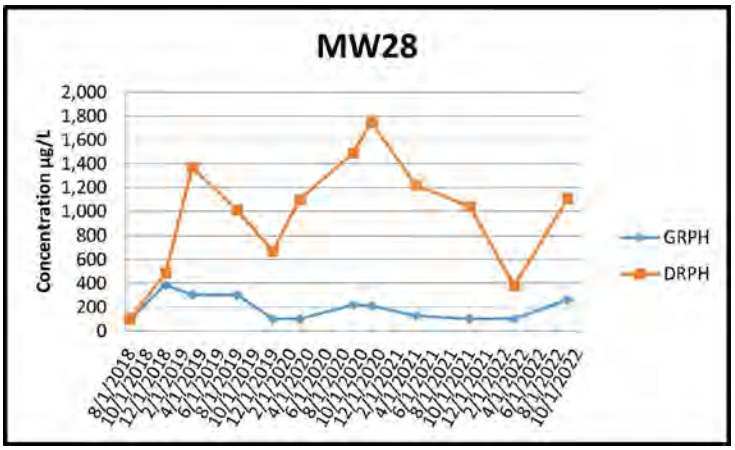

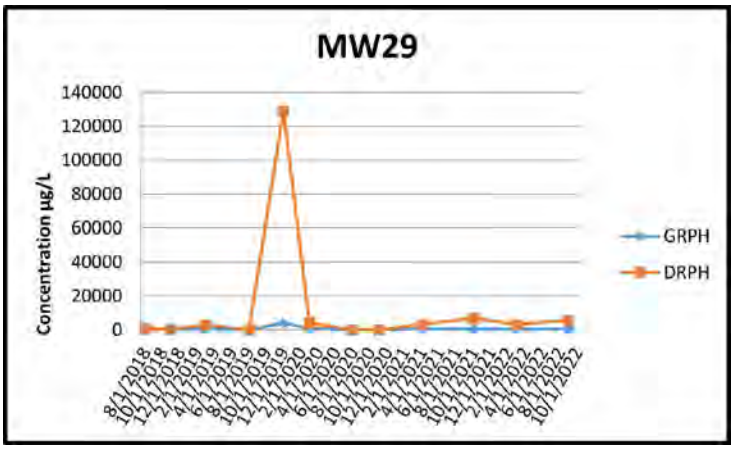

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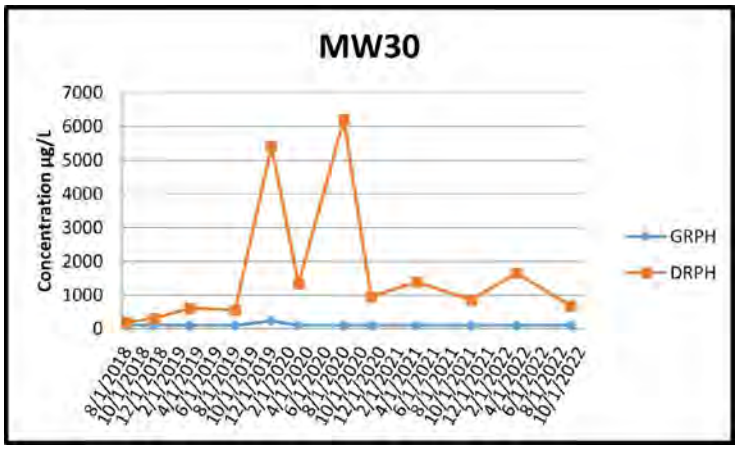
HydroCon

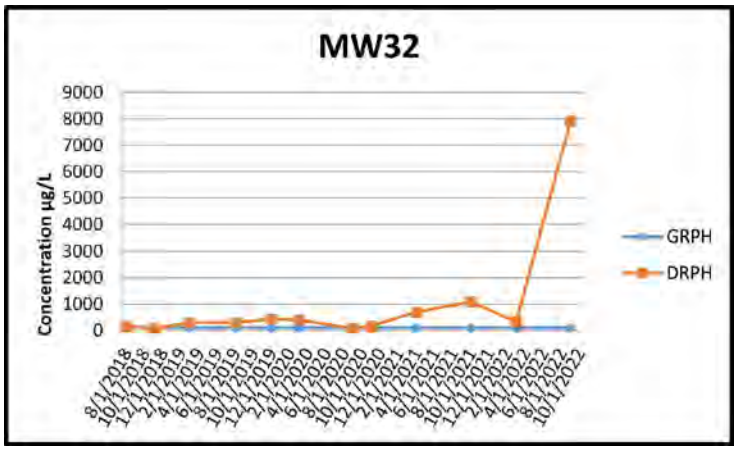
DATE: 10-4-22
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4D
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

I:\Autocad Files\Hydrocon-Autocad\2017-074 Coleman Oil\2022\Sept 2022\2017-074_BM-092822.dwg





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HydroCon

DATE: 10-4-22
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4E
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

MW22
MW21
1,210
MW24
694
MW10R
1,530
MW25
MW26
BH-3
MW27
RW-1
MW20
1,320
MW28
1,110
BH01R
2,660
MW29
5,430
MW30
672
MW19
SL05
BH-2
3,350
MW31
MW09R
2,530
7,920
MW32
MW17
1,490
MW16
MW18
MW-8
1,520
2017 Remdial Excavation
SUMP#5
SUMP#6
MW-11
1,920
SUMP#3
SUMP#2
SUMP#1
SUMP#4
RE-EAST
RE-WEST
MW13R
1,770
MW14
1,040
MW-6
1,180
East-West
Trench 2
West
Trench
TP08
TP07
SL04
SL03
SL02
SL01
East-West
Trench
North-South
Trench
MW15
MW-7
MW23
MW-5
MW-4
MW-2
MW-1
MW01S
MW03S
MW-3
MW12
Former Storage Building
Former Main Office and Warehouse Building
Former Truck Loading Rack
Former Tank Farm B
Fuel and Oil ASTs
2019 Remedial Excavation
Former Pipe Load/Unload
Former Control Valve Building
Former Above Ground Pumps
Tank Farm A Fuel ASTs
COMPRESSOR/CONTROL ROOM
Former Underground Product Lines
2018 Drum Spill Excavation
UST Access
2013 Remedial Excavation
Former Dispenser Island
Cardlock Dispenser Island
Truck Parking
Upriver Primary Containment Boom
Downriver Primary Containment Boom
CHEHALIS ST
COLUMBIA RIVER
River Bank
S WORTHEN ST.
?

LEGEND

- Road
- Railroad
- MW-1 — Monitoring Well (FARALLON)
- MW12 — Monitoring Well (HydroCon)
- BH-1 — Monitoring Well (EPI, 2017)
- RW-1 — Recovery Well (FARALLON)
- MW-4 — Decommissioned Wells
- SL04 — Shoreline Sample Locations
- Containment Booms
- 1,320 — DRPH Concentration ug/L
- FP = Free Product
- >2,000 ug/L
- 1,000-2,000 ug/L
- 500-1,000 ug/L
- Area of seeps in contact with impacted soil
- MTCA Method A Cleanup Level for DRPH = 500 ug/L

FIGURE 5
DRPH IN GROUNDWATER
FOR (SEPTEMBER 2022)
COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

DATE: 9-30-22
DWN: JJT
CHK: CH
APPROVED: CH
PRJ. MGR: CH
PROJECT NO:
2017-074

Hydro Con
510 Allen St. Suite B Kelso, Wa 98626, Ph(360)-703-6086

SCALE IN FEET
1" = 50'
0
50
100

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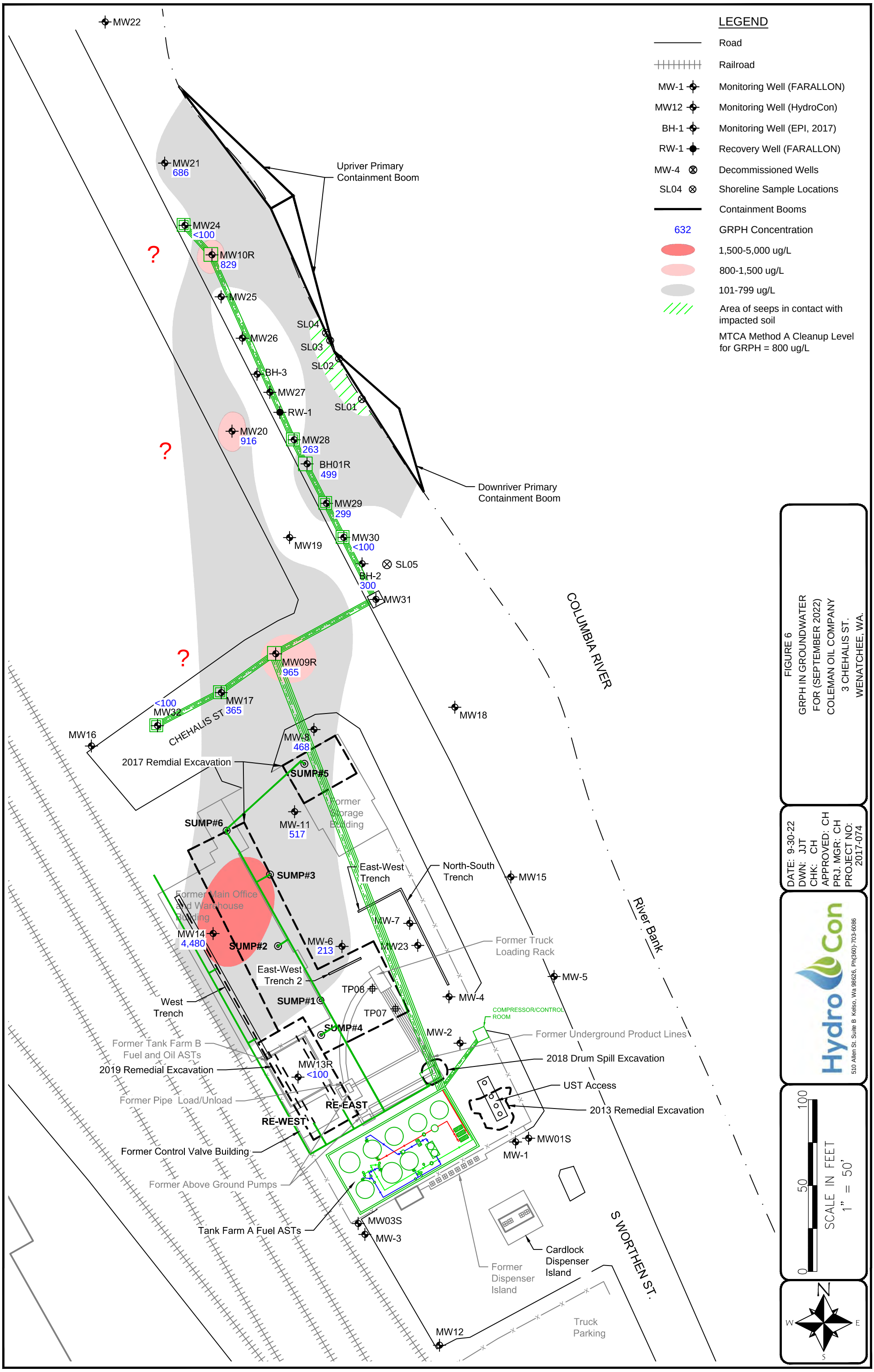
I:\Autocad Files\Hydrocon-Autocad\2017-074 Coleman Oil\2022\Sept 2022\2017-074_BM-092822.dwg


LEGEND
Road
Railroad
MW-1 Monitoring Well (FARALLON)
MW12 Monitoring Well (HydroCon)
BH-1 Monitoring Well (EPI, 2017)
RW-1 Recovery Well (FARALLON)
MW-4 Decommissioned Wells
SL04 Shoreline Sample Locations
Containment Booms
632 GRPH Concentration
1,500-5,000 ug/L
800-1,500 ug/L
101-799 ug/L
Area of seeps in contact with impacted soil
MTCA Method A Cleanup Level for GRPH = 800 ug/L
MW22
MW21 686
Upriver Primary Containment Boom
MW24 <100
MW10R 829
MW25
MW26
BH-3
MW27
RW-1
MW20 916
MW28 263
BH01R 499
MW29 299
MW30 <100
MW19
SL05
BH-2 300
MW31
MW09R 965
MW17 365
MW32 <100
MW16
CHEHALIS ST
MW18
MW8 468
2017 Remdial Excavation
SUMP#5
SUMP#6
MW-11 517
Former Storage Building
SL04
SL03
SL02
SL01
Downriver Primary Containment Boom
COLUMBIA RIVER
River Bank
SUMP#3
Former Main Office and Warehouse Building
East-West Trench
North-South Trench
MW15
MW-7
MW14 4,480
SUMP#2
MW-6 213
MW23
Former Truck Loading Rack
East-West Trench 2
MW-5
TP08
MW-4
West Trench
SUMP#1
TP07
SUMP#4
COMPRESSOR/CONTROL ROOM
MW-2
Former Underground Product Lines
Former Tank Farm B Fuel and Oil ASTs
2018 Drum Spill Excavation
2019 Remedial Excavation
MW13R <100
UST Access
Former Pipe Load/Unload
RE-EAST
RE-WEST
2013 Remedial Excavation
MW01S
MW-1
Former Control Valve Building
Former Above Ground Pumps
MW03S
MW-3
Tank Farm A Fuel ASTs
Cardlock Dispenser Island
Former Dispenser Island
S WORTHEN ST.
MW12
Truck Parking
?
?
?
FIGURE 6
GRPH IN GROUNDWATER
FOR (SEPTEMBER 2022)
COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.
DATE: 9-30-22
DWN: JJT
CHK: CH
APPROVED: CH
PRJ. MGR: CH
PROJECT NO: 2017-074
HydroCon
510 Allen St. Suite B Kelso, Wa 98626, Ph(360)-703-6086
0
50
100
SCALE IN FEET
1" = 50'
N
W
E
S
I:\Autocad Files\Hydrocon-Autocad\2017-074 Coleman Oil\2022\Sept 2022\2017-074_BM-092822.dwg

TABLES

Table 1
Well Construction Details
Coleman Oil
Wenatchee, Washington

Well ID	Date Installed	Installed By	Drilling Method	Total Boring Depth (feet bgs)	Total Well Depth (feet bgs)	Well Diameter (inch)	Well Construction Material	Screen Slot Size (inch)	Length of Screen (feet)	Length of Bottom Cap (feet)	Screened Interval (feet bgs)	Well Casing Elevation (feet[1])
MW-1	7/7/2010	Farallon	Air Rotary	35.50	35.00	2	PVC	0.01	15	-	20-35	658.01
MW01S	3/4/2018	HydroCon	Sonic	20.00	19.99	4	PVC	0.01	15	0.23	5.37 - 20.37	657.54
MW-2	7/8/2010	Farallon	Air Rotary	40.00	40.00	2	PVC	0.01	15	-	25-40	657.76
MW-3	9/7/2010	Farallon	Air Rotary	35.30	35.00	2	PVC	0.01	10	-	25-35	658.26
MW03S	4/3/2018	HydroCon	Sonic	20.00	19.30	4	PVC	0.01	15	0.23	4.43 - 19.43	658.17
MW-4	9/8/2010	Farallon	Air Rotary	40.10	37.00	2	PVC	0.01	10	-	27-37	657.48
MW-5	9/9/2010	Farallon	Air Rotary	45.40	45.00	2	PVC	0.01	15	-	30-45	656.00
MW-6	4/12/2017	Farallon	Air Rotary	18.40	18.00	4	PVC	0.02	10	-	8-18	657.70
MW-7	4/11/2017	Farallon	Air Rotary	20.10	20.00	4	PVC	0.02	10	-	10-20	657.52
MW-8	4/11/2017	Farallon	Air Rotary	25.20	25.00	4	PVC	0.02	10	-	15-25	656.20
MW-9	4/12/2017	Farallon	Air Rotary	24.50	24.00	4	PVC	0.02	10	-	14-24	655.29
MW09R	8/15/2018	HydroCon	Sonic	35.00	32.60	4	PVC	0.01	25	0.45	8.59-33.59	653.55
MW-10	4/14/2017	Farallon	Air Rotary	30.20	30.00	2	PVC	0.02	16	-	14-30	645.80
MW10R	8/16/2018	HydroCon	Sonic	35.00	33.59	4	PVC	0.01	20	0.45	14.64-34.64	644.30
MW-11	4/14/2017	Farallon	Air Rotary	22.30	22.00	4	PVC	0.02	10	-	12-22	658.00
MW12	4/2/2018	HydroCon	Sonic	20.00	19.52	4	PVC	0.01	15	0.23	4.63 - 19.63	658.27
MW13R	7/2/2019	HydroCon	Sonic	19.00	18.46	4	PVC	0.01	14	0.23	4.23 - 18.23	656.67
MW14	3/30/2018	HydroCon	Sonic	35.00	20.02	4	PVC	0.01	15	0.23	5.23 - 20.23	657.15
MW15	4/12/2018	HydroCon	Sonic	35.10	35.10	4	PVC	0.01	25	0.23	10.33 - 35.33	654.99
MW16	4/5/2018	HydroCon	Sonic	30.00	29.15	4	PVC	0.01	20	0.23	9.28 - 29.28	656.93
MW17	4/4/2018	HydroCon	Sonic	35.00	29.41	4	PVC	0.01	20	0.23	9.52 - 29.52	655.55
MW18	4/11/2018	HydroCon	Sonic	35.00	34.65	4	PVC	0.01	20	0.23	15.86 - 35.86	654.51
MW19	4/5/2018	HydroCon	Sonic	35.00	31.48	4	PVC	0.01	20	0.23	11.66 - 31.66	653.31
MW20	4/10/2018	HydroCon	Sonic	30.00	29.50	4	PVC	0.01	20	0.23	9.79 - 29.79	650.85
MW21	4/9/2018	HydroCon	Sonic	35.00	32.10	4	PVC	0.01	20	0.23	12.30 - 32.30	643.88
MW22	4/13/2018	HydroCon	Sonic	40.00	39.10	4	PVC	0.01	25	0.23	9.19 - 34.19	641.85
MW23	3/29/2018	HydroCon	Sonic	25.00	22.04	4	PVC	0.01	15	0.23	7.13 - 22.13	656.91
MW24	8/6/2018	HydroCon	Sonic	35.00	34.25	4	PVC	0.01	20	0.45	14.17-34.17	644.38
MW25	8/7/2018	HydroCon	Sonic	35.00	32.96	4	PVC	0.01	20	0.45	12.81-32.81	645.57
MW26	8/8/2018	HydroCon	Sonic	35.00	32.52	4	PVC	0.01	20	0.45	13.54-33.54	646.65
MW27	8/9/2018	HydroCon	Sonic	40.00	38.74	4	PVC	0.01	25	0.45	13.56-38.56	649.00
MW28	8/10/2018	HydroCon	Sonic	40.00	38.74	4	PVC	0.01	25	0.45	13.62-38.62	650.64
MW29	8/13/2018	HydroCon	Sonic	40.00	39.11	4	PVC	0.01	25	0.45	14.05-39.05	652.34
MW30	8/14/2018	HydroCon	Sonic	40.00	39.79	4	PVC	0.01	25	0.45	14.67-39.67	652.83
MW31	8/15/2018	HydroCon	Sonic	40.00	39.28	4	PVC	0.01	25	0.45	14.11-39.11	653.97
MW32	8/17/2018	HydroCon	Sonic	35.00	34.02	4	PVC	0.01	25	0.45	8.95-33.95	655.83
BH01R	3/25/2017	HydroCon	Sonic	40.00	39.97	4	PVC	0.01	25	0.45	14.52-39.52	651.03
BH-2	3/25/2017	EPI	Air Rotary	35.00	35.00	2	PVC	0.01	15	-	20-35	653.77
BH-3	3/26/2017	EPI	Air Rotary	30.00	30.00	2	PVC	0.01	15	-	15-30	648.76
RW-1	4/10/2017	Farallon	Air Rotary	30.00	30.00	3	PVC	0.02	15	-	15-30	650.42

NOTES:

feet[1] = Elevation is relative to NGVD88

bgs = below ground surface

PVC = polyvinyl chloride

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-1	4/17/2017	20-35	658.01	9.47	- - -	- - -	648.54
	4/20/2017			9.63	- - -	- - -	648.38
	4/27/2017			10.14	- - -	- - -	647.87
	5/1/2017			10.31	- - -	- - -	647.70
	6/8/2017			11.20	- - -	- - -	646.81
	7/3/2017			NM	- - -	- - -	- - -
	9/28/2017			12.36	- - -	- - -	645.65
	8/27/2018			12.17	- - -	- - -	645.84
	8/31/2018			12.20	- - -	- - -	645.81
	11/26/2018			11.36	- - -	- - -	646.65
	11/30/2018			11.38	- - -	- - -	646.63
	3/29/2019			9.68	- - -	- - -	648.33
	8/29/2019			11.69	- - -	- - -	646.32
	12/19/2019			11.84	- - -	- - -	646.17
	3/22/2020			11.12	- - -	- - -	646.89
	8/30/2020			11.93	- - -	- - -	646.08
	11/19/2020			10.60	- - -	- - -	647.41
	4/7/2021			10.75	- - -	- - -	647.26
	10/6/2021			12.65	- - -	- - -	645.36
	3/2/2022			9.11	- - -	- - -	648.90
	9/14/2022			12.26	- - -	- - -	645.75
MW01S	4/25/2018	5.37 - 20.37	657.54	10.49	- - -	- - -	647.05
	4/27/2018			10.62	- - -	- - -	646.92
	8/27/2018			12.30	- - -	- - -	645.24
	8/31/2018			12.33	- - -	- - -	645.21
	11/26/2018			11.54	- - -	- - -	646.00
	11/30/2018			11.51	- - -	- - -	646.03
	3/29/2019			9.88	- - -	- - -	647.66
	8/29/2019			11.81	- - -	- - -	645.73
	12/19/2019			11.97	- - -	- - -	645.57
	3/22/2020			11.25	- - -	- - -	646.29
	8/30/2020			12.07	- - -	- - -	645.47
	11/19/2020			10.52	- - -	- - -	647.02
	4/7/2021			11.00	- - -	- - -	646.54
	10/6/2021			12.80	- - -	- - -	644.74
	3/2/2022			9.07	- - -	- - -	648.47
	9/14/2022			12.31	- - -	- - -	645.23

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-2	4/17/2017	25-40	657.76	9.58	- - -	- - -	648.18
	4/20/2017			9.61	- - -	- - -	648.15
	4/27/2017			10.19	- - -	- - -	647.57
	5/1/2017			10.36	- - -	- - -	647.40
	6/8/2017			11.33	- - -	- - -	646.43
	7/3/2017			11.96	- - -	- - -	645.80
	9/28/2017			12.65	- - -	- - -	645.11
	4/25/2018			10.50	- - -	- - -	647.26
	4/27/2018			10.54	- - -	- - -	647.22
	8/27/2018			12.20	- - -	- - -	645.56
	8/31/2018			12.22	- - -	- - -	645.54
	11/26/2018			11.43	- - -	- - -	646.33
	11/30/2018			11.46	- - -	- - -	646.30
	3/29/2019			9.61	- - -	- - -	648.15
	8/29/2019			11.65	- - -	- - -	646.11
	12/19/2019			11.96	- - -	- - -	645.80
	3/22/2020			11.15	- - -	- - -	646.61
	8/30/2020			11.76	- - -	- - -	646.00
	11/19/2020			10.39	- - -	- - -	647.37
	4/7/2021			10.85	- - -	- - -	646.91
	10/6/2021			12.78	- - -	- - -	644.98
	3/2/2022			8.86	- - -	- - -	648.90
	9/14/2022			12.19	- - -	- - -	645.57
MW-3	4/17/2017	25-35	658.26	7.12	- - -	- - -	651.14
	4/20/2017			7.15	- - -	- - -	651.11
	4/27/2017			11.44	- - -	- - -	646.82
	5/1/2017			7.90	- - -	- - -	650.36
	6/8/2017			7.33	- - -	- - -	650.93
	7/3/2017			7.46	- - -	- - -	650.80
	9/28/2017			7.74	- - -	- - -	650.52
	8/27/2018			7.75	- - -	- - -	650.51
	8/31/2018			7.80	- - -	- - -	650.46
	11/26/2018			7.78	- - -	- - -	650.48
	11/30/2018			7.89	- - -	- - -	650.37
	3/29/2019			6.42	- - -	- - -	651.84
	8/29/2019			7.53	- - -	- - -	650.73
	12/19/2019			7.95	- - -	- - -	650.31
	3/22/2020			7.70	- - -	- - -	650.56
	8/30/2020			7.83	- - -	- - -	650.43
	11/19/2020			7.28	- - -	- - -	650.98
	4/7/2021			7.68	- - -	- - -	650.58
	10/6/2021			7.84	- - -	- - -	650.42
	3/2/2022			6.59	- - -	- - -	651.67
	9/14/2022			7.73	- - -	- - -	650.53

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW03S	4/25/2018	4.43 - 19.43	658.17	7.25	- - -	- - -	650.92
	4/27/2018			7.24	- - -	- - -	650.93
	8/27/2018			8.04	- - -	- - -	650.13
	8/31/2018			8.05	- - -	- - -	650.12
	11/26/2018			7.48	- - -	- - -	650.33
	11/30/2018			7.93	- - -	- - -	650.33
	3/29/2019			7.22	- - -	- - -	650.24
	8/29/2019			7.72	- - -	- - -	650.45
	12/19/2019			7.97	- - -	- - -	650.20
	3/22/2020			7.75	- - -	- - -	650.42
	8/30/2020			8.15	- - -	- - -	650.02
	11/19/2020			7.37	- - -	- - -	650.80
	4/7/2021			7.00	- - -	- - -	651.17
	10/6/2021			8.23	- - -	- - -	649.94
	3/2/2022			6.91	- - -	- - -	651.26
	9/14/2022			8.01	- - -	- - -	650.16
MW-4	4/17/2017	27-37	657.48	15.29	- - -	- - -	642.19
	4/20/2017			15.40	- - -	- - -	642.08
	4/27/2017			15.74	- - -	- - -	641.74
	5/1/2017			15.71	- - -	- - -	641.77
	6/8/2017			16.23	- - -	- - -	641.25
	7/3/2017			16.93	- - -	- - -	640.55
	9/28/2017			18.18	- - -	- - -	639.30
	4/25/2018			16.22	- - -	- - -	641.26
	4/27/2018			17.59	- - -	- - -	639.89
	8/27/2018			17.25	- - -	- - -	640.23
	8/31/2018			17.28	- - -	- - -	640.20
	11/26/2018			16.54	- - -	- - -	640.94
	11/30/2018			16.55	- - -	- - -	640.93
	3/29/2019			14.66	- - -	- - -	642.82
	8/29/2019			16.14	- - -	- - -	641.34
	12/19/2019			15.80	- - -	- - -	641.68
	3/22/2020			15.88	- - -	- - -	641.60
	8/30/2020			16.03	- - -	- - -	641.45
	11/19/2020			15.85	- - -	- - -	641.63
	4/7/2021			14.85	- - -	- - -	642.63
	10/6/2021			17.59	- - -	- - -	639.89
	3/2/2022			14.79	- - -	- - -	642.69
	9/14/2022			16.73	- - -	- - -	640.75

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-5	4/17/2017	30-45	656.00	33.98	- - -	- - -	622.02
	4/20/2017			35.67	- - -	- - -	620.33
	4/27/2017			34.98	- - -	- - -	621.02
	5/1/2017			35.92	- - -	- - -	620.08
	6/8/2017			32.06	- - -	- - -	623.94
	7/3/2017			36.75	- - -	- - -	619.25
	9/28/2017			38.67	- - -	- - -	617.33
	4/25/2018			NM	- - -	- - -	- - -
	4/27/2018			35.58	- - -	- - -	620.42
	8/27/2018			38.21	- - -	- - -	617.79
	8/31/2018			38.30	- - -	- - -	617.70
	11/26/2018			38.34	- - -	- - -	617.66
	11/30/2018			38.44	- - -	- - -	617.56
	3/29/2019			37.58	- - -	- - -	618.42
	8/29/2019			38.00	- - -	- - -	618.00
	12/19/2019			38.55	- - -	- - -	617.45
	3/22/2020			38.49	- - -	- - -	617.51
	8/30/2020			38.63	- - -	- - -	617.37
	11/19/2020			38.29	- - -	- - -	617.71
	4/7/2021			38.22	- - -	- - -	617.78
	10/6/2021			39.29	- - -	- - -	616.71
	3/2/2022			36.87	- - -	- - -	619.13
	9/14/2022			39.00	- - -	- - -	617.00
MW-6	4/17/2017	8-18	657.70	9.57	- - -	- - -	648.13
	4/20/2017			9.40	- - -	- - -	648.30
	4/27/2017			9.89	- - -	- - -	647.81
	5/1/2017			9.95	- - -	- - -	647.75
	6/8/2017			10.60	10.55	0.05	647.14
	7/3/2017			11.10	- - -	- - -	646.60
	9/28/2017			11.51	- - -	- - -	646.19
	4/25/2018			10.20	- - -	- - -	647.50
	4/27/2018			10.21	- - -	- - -	647.49
	8/27/2018			11.28	- - -	- - -	646.42
	8/31/2018			11.29	- - -	- - -	646.41
	11/26/2018			10.82	- - -	trace	646.88
	11/30/2018			10.84	- - -	- - -	646.86
	3/29/2019			9.50	- - -	trace	648.20
	8/29/2019			10.89	- - -	- - -	646.81
	12/19/2019			11.08	- - -	- - -	646.62
	3/22/2020			10.66	- - -	- - -	647.04
	8/30/2020			10.97	- - -	- - -	646.73
	11/19/2020			10.12	- - -	- - -	647.58
	4/7/2021			10.76	- - -	- - -	646.94
	10/6/2021			11.67	- - -	- - -	646.03
	3/2/2022			9.11	- - -	- - -	648.59
	9/14/2022			11.32	- - -	- - -	646.38

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-7	4/17/2017	10-20	657.52	9.64	- - -	- - -	647.88
	4/20/2017			9.71	- - -	- - -	647.81
	4/27/2017			10.26	- - -	- - -	647.26
	5/1/2017			10.35	- - -	- - -	647.17
	6/8/2017			11.44	- - -	- - -	646.08
	7/3/2017			11.91	- - -	- - -	645.61
	9/28/2017			12.46	- - -	- - -	645.06
	4/25/2018			10.61	- - -	- - -	646.91
	4/27/2018			10.63	- - -	- - -	646.89
	8/27/2018			11.96	- - -	- - -	645.56
	8/31/2018			12.18	- - -	- - -	645.34
	11/26/2018			11.50	- - -	- - -	646.02
	11/30/2018			11.53	- - -	- - -	645.99
	3/29/2019			9.72	- - -	- - -	647.80
	8/29/2019			11.67	- - -	- - -	645.85
	12/19/2019			11.95	- - -	- - -	645.57
	3/22/2020			11.25	- - -	- - -	646.27
	8/30/2020			11.79	- - -	- - -	645.73
	11/19/2020			10.61	- - -	- - -	646.91
	4/7/2021			11.00	- - -	- - -	646.52
	10/6/2021			12.71	- - -	- - -	644.81
	3/2/2022			9.04	- - -	- - -	648.48
	9/14/2022			12.13	- - -	- - -	645.39
MW-8	4/13/2017	15-25	656.20	16.71	14.50	2.21	641.21
	4/17/2017			13.47	- - -	- - -	642.73
	4/20/2017			13.96	13.95	0.01	642.25
	4/27/2017			17.25	14.91	2.34	640.78
	5/1/2017			17.47	14.94	2.53	640.70
	6/8/2017			18.02	- - -	- - -	638.18
	7/3/2017			17.97	17.91	0.07	638.28
	9/28/2017			18.10	- - -	- - -	638.10
	4/25/2018			15.14	- - -	- - -	641.06
	4/27/2018			15.12	- - -	- - -	641.08
	8/27/2018			16.71	- - -	- - -	639.49
	8/31/2018			16.77	- - -	- - -	639.43
	11/26/2018			16.04	- - -	- - -	640.16
	11/30/2018			16.07	- - -	- - -	640.13
	3/29/2019			13.37	- - -	- - -	642.83
	8/29/2019			15.96	- - -	- - -	640.24
	12/19/2019			16.55	- - -	- - -	639.65
	3/22/2020			15.75	- - -	- - -	640.45
	8/30/2020			15.60	- - -	- - -	640.60
	11/19/2020			14.30	- - -	- - -	641.90
	4/7/2021			14.21	- - -	- - -	641.99
	10/6/2021			16.77	- - -	- - -	639.43
	3/2/2022			12.40	- - -	- - -	643.80
	9/14/2022			16.70	- - -	- - -	639.50

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-9	4/17/2017	14-24	655.29	13.56	- - -	- - -	641.73
	4/20/2017			14.31	- - -	- - -	640.98
	4/27/2017			17.45	16.75	0.70	638.39
	5/1/2017			18.60	17.33	1.27	637.68
	6/8/2017			22.14	- - -	- - -	633.15
	7/3/2017			22.16	- - -	- - -	633.13
	9/28/2017			22.69	- - -	- - -	632.60
	4/25/2018			17.22	- - -	- - -	638.07
	4/27/2018			17.22	- - -	- - -	638.07
MW09R	8/27/2018	8.59-33.59	653.55	19.90	- - -	- - -	635.39
	8/31/2018			19.91	- - -	- - -	635.38
	11/26/2018			28.28	- - -	- - -	625.27
	11/30/2018			19.94	- - -	- - -	633.61
	3/29/2019			12.82	- - -	- - -	640.73
	8/29/2019			19.81	- - -	- - -	633.74
	12/19/2019			28.20	- - -	- - -	625.35
	3/22/2020			17.93	- - -	- - -	635.62
	8/30/2020			16.93	- - -	- - -	636.62
	11/19/2020			15.00	- - -	- - -	638.55
	4/7/2021			13.81	- - -	- - -	639.74
	10/6/2021			19.98	19.97	0.01	633.57
	3/2/2022			12.00	- - -	- - -	641.55
	9/14/2022			18.65	- - -	- - -	634.90
MW-10	4/17/2017	14-30	645.80	16.72	- - -	- - -	629.08
	4/20/2017			17.31	- - -	- - -	628.49
	4/27/2017			18.11	- - -	- - -	627.69
	5/1/2017			18.99	- - -	- - -	626.81
	6/8/2017			19.88	- - -	- - -	625.92
	7/3/2017			25.06	23.62	1.44	621.86
	9/28/2017			25.70	- - -	- - -	620.10
	4/25/2018			21.18	- - -	- - -	624.62
	4/27/2018			20.96	- - -	- - -	624.84
MW10R	8/27/2018	14.66-34.64	644.30	24.64	- - -	- - -	619.66
	8/31/2018			25.71	- - -	- - -	618.59
	11/26/2018			27.51	- - -	- - -	616.79
	11/30/2018			26.19	25.95	0.24	618.30
	3/29/2019			18.54	- - -	- - -	625.76
	8/29/2019			NM	- - -	- - -	- - -
	12/19/2019			27.72	- - -	- - -	616.58
	3/22/2020			26.05	- - -	- - -	618.25
	8/30/2020			23.86	- - -	- - -	620.44
	11/19/2020			20.86	- - -	- - -	623.44
	4/7/2021			20.21	- - -	- - -	624.09
	10/6/2021			27.30	27.29	0.01	617.00
	3/2/2022			17.94	- - -	- - -	626.36
	9/14/2022			24.37	- - -	- - -	619.93

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW-11	4/17/2017	12-22	658.00	13.45	- - -	- - -	644.55
	4/20/2017			13.45	- - -	- - -	644.55
	4/27/2017			13.76	- - -	- - -	644.24
	5/1/2017			13.77	- - -	- - -	644.23
	6/8/2017			14.32	14.05	0.27	643.89
	7/3/2017			14.30	- - -	- - -	643.70
	9/28/2017			14.65	- - -	- - -	643.35
	4/25/2018			13.82	- - -	- - -	644.18
	4/27/2018			13.82	- - -	- - -	644.18
	8/27/2018			14.20	- - -	- - -	643.80
	8/31/2018			14.21	- - -	- - -	643.79
	11/26/2018			14.11	- - -	- - -	643.89
	11/30/2018			14.11	- - -	- - -	643.89
	3/29/2019			13.41	- - -	- - -	644.59
	8/29/2019			14.09	- - -	- - -	643.91
	12/19/2019			14.29	- - -	- - -	643.71
	3/22/2020			14.03	- - -	- - -	643.97
	8/30/2020			14.02	- - -	- - -	643.98
	11/19/2020			13.89	- - -	- - -	644.11
	4/7/2021			13.85	- - -	- - -	644.15
	10/6/2021			14.35	14.32	0.03	643.65
	3/2/2022			13.14	- - -	- - -	644.86
	9/14/2022			14.34	- - -	- - -	643.66
MW12	4/25/2018	4.63 - 19.63	658.27	7.37	- - -	- - -	650.90
	4/27/2018			7.31	- - -	- - -	650.96
	8/27/2018			8.01	- - -	- - -	650.26
	8/31/2018			8.04	- - -	- - -	650.23
	11/26/2018			7.88	- - -	- - -	650.39
	11/30/2018			7.93	- - -	- - -	650.34
	3/29/2019			7.13	- - -	- - -	651.14
	8/29/2019			7.70	- - -	- - -	650.57
	12/19/2019			8.00	- - -	- - -	650.27
	3/22/2020			7.72	- - -	- - -	650.55
	8/30/2020			8.13	- - -	- - -	650.14
	11/19/2020			7.11	- - -	- - -	651.16
	4/7/2021			7.60	- - -	- - -	650.67
	10/6/2021			8.21	- - -	- - -	650.06
	3/2/2022			6.83	- - -	- - -	651.44
	9/14/2022			8.00	- - -	- - -	650.27
MW13	4/25/2018	4.91 - 19.91	657.04	7.39	- - -	- - -	649.65
	4/27/2018			7.36	- - -	- - -	649.68
	8/27/2018			8.05	- - -	- - -	648.99
	8/31/2018			8.15	- - -	- - -	648.89
	11/26/2018			8.22	- - -	- - -	648.82
	11/30/2018			8.17	- - -	- - -	648.87
	3/29/2019			7.21	- - -	- - -	649.83
	8/29/2019			7.61	- - -	- - -	649.43
MW13R	12/19/2019	4.23 - 18.23	656.67	8.02	- - -	- - -	648.65
	3/22/2020			7.22	- - -	- - -	649.45
	8/30/2020			7.48	- - -	- - -	649.19
	11/19/2020			7.13	- - -	- - -	649.54
	4/7/2021			7.26	- - -	- - -	649.41
	10/6/2021			7.69	- - -	- - -	648.98
	3/2/2022			6.89	- - -	- - -	649.78
	9/14/2022			7.70	- - -	- - -	648.97

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW14	4/25/2018	5.23 - 20.23	657.15	7.81	- - -	- - -	649.34
	4/27/2018			7.75	- - -	- - -	649.40
	8/27/2018			8.35	- - -	- - -	648.80
	8/31/2018			8.40	- - -	- - -	648.75
	11/26/2018			8.45	- - -	- - -	648.70
	11/30/2018			8.51	- - -	- - -	648.64
	3/29/2019			7.70	- - -	- - -	649.45
	8/29/2019			8.03	- - -	- - -	649.12
	12/19/2019			8.58	- - -	- - -	648.57
	3/22/2020			8.10	- - -	- - -	649.05
	8/30/2020			8.10	- - -	- - -	649.05
	11/19/2020			7.90	- - -	- - -	649.25
	4/7/2021			8.02	- - -	- - -	649.13
	10/6/2021			8.38	- - -	- - -	648.77
	3/2/2022			7.69	- - -	- - -	649.46
	9/14/2022			8.50	- - -	- - -	648.65
MW15	4/25/2018	10.33 - 35.33	654.99	NM	- - -	- - -	- - -
	4/27/2018			34.80	- - -	- - -	620.19
	8/27/2018			34.76	- - -	- - -	620.23
	8/31/2018			34.82	- - -	- - -	620.17
	11/26/2018			dry	- - -	- - -	- - -
	11/30/2018			dry	- - -	- - -	- - -
	3/29/2019			dry	- - -	- - -	- - -
	8/29/2019			dry	- - -	- - -	- - -
	12/19/2019			34.94	- - -	- - -	620.05
	3/22/2020			dry	- - -	- - -	- - -
	8/30/2020			34.79	- - -	- - -	620.20
	11/19/2020			34.79	- - -	- - -	620.20
	4/7/2021			35.00	- - -	- - -	619.99
	10/6/2021			dry	- - -	- - -	- - -
	3/2/2022			dry	- - -	- - -	- - -
	9/14/2022			34.95	- - -	- - -	620.04
MW16	4/25/2018	9.28 - 29.28	656.93	9.72	- - -	- - -	647.21
	4/27/2018			9.70	- - -	- - -	647.23
	8/27/2018			10.05	- - -	- - -	646.88
	8/31/2018			10.18	- - -	- - -	646.75
	11/26/2018			10.07	- - -	- - -	646.86
	11/30/2018			9.73	- - -	- - -	647.20
	3/29/2019			9.44	- - -	- - -	647.49
	8/29/2019			9.89	- - -	- - -	647.04
	12/19/2019			9.92	- - -	- - -	647.01
	3/22/2020			9.91	- - -	- - -	647.02
	8/30/2020			9.41	- - -	- - -	647.52
	11/19/2020			9.51	- - -	- - -	647.42
	4/7/2021			9.71	- - -	- - -	647.22
	10/6/2021			10.14	- - -	- - -	646.79
	3/2/2022			NM	- - -	- - -	- - -
	9/14/2022			10.11	- - -	- - -	646.82

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW17	4/25/2018	9.52 - 29.52	655.55	14.25	- - -	- - -	641.30
	4/27/2018			14.22	- - -	- - -	641.33
	8/27/2018			15.07	- - -	- - -	640.48
	8/31/2018			15.14	- - -	- - -	640.41
	11/26/2018			14.78	- - -	- - -	640.77
	11/30/2018			14.66	- - -	- - -	640.89
	3/29/2019			13.38	- - -	- - -	642.17
	8/29/2019			14.23	- - -	- - -	641.32
	12/19/2019			28.34	- - -	- - -	627.21
	3/22/2020			14.35	- - -	- - -	641.20
	8/30/2020			13.93	- - -	- - -	641.62
	11/19/2020			13.78	- - -	- - -	641.77
	4/7/2021			13.84	- - -	- - -	641.71
	10/6/2021			14.51	- - -	- - -	641.04
	3/2/2022			13.01	- - -	- - -	642.54
	9/14/2022			14.61	- - -	- - -	640.94
MW18	4/25/2018	15.86 - 35.86	654.51	NM	- - -	- - -	- - -
	4/27/2018			34.69	- - -	- - -	619.82
	8/27/2018			dry	- - -	- - -	- - -
	8/31/2018			dry	- - -	- - -	- - -
	11/26/2018			dry	- - -	- - -	- - -
	11/30/2018			dry	- - -	- - -	- - -
	3/29/2019			dry	- - -	- - -	- - -
	8/29/2019			dry	- - -	- - -	- - -
	12/19/2019			dry	- - -	- - -	- - -
	3/22/2020			dry	- - -	- - -	- - -
	8/30/2020			dry	- - -	- - -	- - -
	11/19/2020			dry	- - -	- - -	- - -
	4/7/2021			dry	- - -	- - -	- - -
	10/6/2021			dry	- - -	- - -	- - -
	3/2/2022			dry	- - -	- - -	- - -
	9/14/2022			dry	- - -	- - -	- - -
MW19	4/25/2018	11.66 - 31.66	653.31	23.05	- - -	- - -	630.26
	4/27/2018			23.15	- - -	- - -	630.16
	8/27/2018			28.63	- - -	- - -	624.68
	8/31/2018			28.83	- - -	- - -	624.48
	11/26/2018			dry	- - -	- - -	- - -
	11/30/2018			27.72	- - -	- - -	625.59
	3/29/2019			21.30	- - -	- - -	632.01
	8/29/2019			30.45	- - -	- - -	622.86
	12/19/2019			30.09	- - -	- - -	623.22
	3/22/2020			27.48	- - -	- - -	625.83
	8/30/2020			27.90	- - -	- - -	625.41
	11/19/2020			25.41	- - -	- - -	627.90
	4/7/2021			22.80	- - -	- - -	630.51
	10/6/2020			28.30	- - -	- - -	625.01
	3/2/2022			NM	- - -	- - -	- - -
	9/14/2022			27.04	- - -	- - -	626.27

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW20	4/25/2018	9.79 - 29.79	650.85	18.55	- - -	- - -	632.30
	4/27/2018			18.64	- - -	- - -	632.21
	8/27/2018			24.97	- - -	- - -	625.88
	8/31/2018			25.24	- - -	- - -	625.61
	11/26/2018			25.20	- - -	- - -	625.65
	11/30/2019			24.95	- - -	- - -	625.90
	3/29/2019			13.32	- - -	- - -	637.53
	8/29/2019			25.02	- - -	- - -	625.83
	12/19/2019			25.98	- - -	- - -	624.87
	3/22/2020			24.16	- - -	- - -	626.69
	8/30/2020			22.60	- - -	- - -	628.25
	11/19/2020			17.22	- - -	- - -	633.63
	4/7/2021			18.27	- - -	- - -	632.58
	10/6/2021			25.48	- - -	- - -	625.37
	3/2/2022			12.11	- - -	- - -	638.74
	9/14/2022			24.32	- - -	- - -	626.53
MW21	4/25/2018	12.30 - 32.30	643.88	19.40	- - -	- - -	624.48
	4/27/2018			19.31	- - -	- - -	624.57
	8/27/2018			20.88	- - -	- - -	623.00
	8/31/2018			21.36	- - -	- - -	622.52
	11/26/2018			20.42	- - -	- - -	623.46
	11/30/2018			20.71	- - -	- - -	623.17
	3/29/2019			19.67	- - -	- - -	624.21
	8/29/2019			20.59	- - -	- - -	623.29
	12/19/2019			21.79	- - -	- - -	622.09
	3/22/2020			25.36	- - -	- - -	618.52
	8/30/2020			20.12	- - -	- - -	623.76
	11/19/2020			19.84	- - -	- - -	624.04
	4/7/2021			19.72	- - -	- - -	624.16
	10/6/2021			21.75	- - -	- - -	622.13
	3/2/2022			19.56	- - -	- - -	624.32
	9/14/2022			20.75	- - -	- - -	623.13
MW22	4/25/2018	9.19 - 34.19	641.85	21.80	- - -	- - -	620.05
	4/27/2018			21.80	- - -	- - -	620.05
	8/27/2018			23.72	- - -	- - -	618.13
	8/31/2018			24.46	- - -	- - -	617.39
	11/26/2018			23.49	- - -	- - -	618.36
	11/30/2018			24.74	- - -	- - -	617.11
	3/29/2019			24.90	- - -	- - -	616.95
	8/29/2019			NM	- - -	- - -	- - -
	12/19/2019			24.49	- - -	- - -	617.36
	3/22/2020			25.75	- - -	- - -	616.10
	8/30/2020			25.18	- - -	- - -	616.67
	11/19/2020			24.18	- - -	- - -	617.67
	4/7/2021			26.26	- - -	- - -	615.59
	10/6/2021			26.06	- - -	- - -	615.79
	3/2/2022			24.65	- - -	- - -	617.20
	9/14/2022			25.93	- - -	- - -	615.92

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW23	4/25/2018	7.13 - 22.13	656.91	10.28	- - -	- - -	646.63
	4/27/2018			10.30	- - -	- - -	646.61
	8/27/2018			12.16	- - -	- - -	644.75
	8/31/2018			11.99	- - -	- - -	644.92
	11/26/2018			11.27	- - -	- - -	645.64
	11/30/2019			11.30	- - -	- - -	645.61
	3/29/2019			9.36	- - -	- - -	647.55
	8/29/2019			11.42	- - -	- - -	645.49
	12/19/2019			11.66	- - -	- - -	645.25
	3/22/2020			10.95	- - -	- - -	645.96
	8/30/2020			11.48	- - -	- - -	645.43
	11/19/2020			10.12	- - -	- - -	646.79
	4/7/2021			10.62	- - -	- - -	646.29
	10/6/2021			12.55	- - -	- - -	644.36
	3/2/2022			8.61	- - -	- - -	648.30
	9/14/2022			11.90	- - -	- - -	645.01
MW24	8/27/2018	14.17 - 34.17	644.38	26.03	- - -	- - -	618.35
	8/31/2018			26.77	- - -	- - -	617.61
	11/26/2018			27.11	- - -	- - -	617.27
	11/30/2018			27.05	- - -	- - -	617.33
	3/29/2019			24.75	- - -	- - -	619.63
	8/29/2019			26.51	- - -	- - -	617.87
	12/19/2019			27.90	- - -	- - -	616.48
	3/22/2020			27.50	- - -	- - -	616.88
	8/30/2020			26.82	- - -	- - -	617.56
	11/19/2020			24.85	- - -	- - -	619.53
	4/7/2021			25.50	- - -	- - -	618.88
	10/6/2021			28.31	- - -	- - -	616.07
	3/2/2022			23.31	- - -	- - -	621.07
	9/14/2022			27.47	- - -	- - -	616.91
MW25	8/27/2018	12.81 - 32.81	645.57	26.01	- - -	- - -	619.56
	8/31/2018			26.49	- - -	- - -	619.08
	11/26/2018			24.96	- - -	- - -	620.61
	11/30/2018			25.19	- - -	- - -	620.38
	3/29/2019			13.45	- - -	- - -	632.12
	8/29/2019			26.02	- - -	- - -	619.55
	12/19/2019			25.50	- - -	- - -	620.07
	3/22/2020			23.75	- - -	- - -	621.82
	8/30/2020			24.81	- - -	- - -	620.76
	11/19/2020			23.91	- - -	- - -	621.66
	4/7/2021			17.37	- - -	- - -	628.20
	10/6/2021			25.12	- - -	- - -	620.45
	3/2/2022			12.43	- - -	- - -	633.14
	9/14/2022			22.89	- - -	- - -	622.68

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW26	8/27/2018	13.54 - 33.54	646.65	25.23	- - -	- - -	621.42
	8/31/2018			25.76	- - -	- - -	620.89
	11/26/2018			25.45	- - -	- - -	621.20
	11/30/2018			25.83	- - -	- - -	620.82
	3/29/2019			16.35	- - -	- - -	630.30
	8/29/2019			26.33	- - -	- - -	620.32
	12/19/2019			26.16	- - -	- - -	620.49
	3/22/2020			24.52	- - -	- - -	622.13
	8/30/2020			25.50	- - -	- - -	621.15
	11/19/2020			24.93	- - -	- - -	621.72
	4/7/2021			19.57	- - -	- - -	627.08
	10/6/2021			25.51	- - -	- - -	621.14
	3/2/2022			12.03	- - -	- - -	634.62
	9/14/2022			23.46	- - -	- - -	623.19
MW27	8/27/2018	13.56 - 38.56	649.00	24.87	- - -	- - -	624.13
	8/31/2018			25.06	- - -	- - -	623.94
	11/26/2018			24.92	- - -	- - -	624.08
	11/30/2018			23.90	- - -	- - -	625.10
	3/29/2019			20.04	- - -	- - -	628.96
	8/29/2019			23.89	- - -	- - -	625.11
	12/19/2019			27.06	- - -	- - -	621.94
	3/22/2020			23.58	- - -	- - -	625.42
	8/30/2020			23.26	- - -	- - -	625.74
	11/19/2020			21.93	- - -	- - -	627.07
	4/7/2021			20.95	- - -	- - -	628.05
	10/6/2021			24.58	- - -	- - -	624.42
	3/2/2022			19.86	- - -	- - -	629.14
	9/14/2022			23.59	- - -	- - -	625.41
MW28	8/27/2018	13.62 - 38.62	650.64	26.04	- - -	- - -	624.60
	8/31/2018			26.25	- - -	- - -	624.39
	11/26/2018			33.05	- - -	- - -	617.59
	11/30/2018			25.00	- - -	- - -	625.64
	3/29/2019			20.50	- - -	- - -	630.14
	8/29/2019			24.96	- - -	- - -	625.68
	12/19/2019			28.33	- - -	- - -	622.31
	3/22/2020			24.89	- - -	- - -	625.75
	8/30/2020			24.29	- - -	- - -	626.35
	11/19/2020			22.79	- - -	- - -	627.85
	4/7/2021			21.52	- - -	- - -	629.12
	10/6/2021			25.70	- - -	- - -	624.94
	3/2/2022			20.89	- - -	- - -	629.75
	9/14/2022			24.36	- - -	- - -	626.28

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW29	8/27/2018	14.05 - 39.05	652.34	34.43	- - -	- - -	617.91
	8/31/2018			34.84	- - -	- - -	617.50
	11/26/2018			34.92	- - -	- - -	617.42
	11/30/2018			34.25	- - -	- - -	618.09
	3/29/2019			20.80	- - -	- - -	631.54
	8/29/2019			30.67	30.67	<0.01	621.67
	12/19/2019			34.99	- - -	- - -	617.35
	3/22/2020			30.11	- - -	- - -	622.23
	8/30/2020			25.08	- - -	- - -	627.26
	11/19/2020			23.41	23.40	0.01	628.93
	4/7/2021			22.06	- - -	- - -	630.28
	10/6/2021			35.90	- - -	- - -	616.44
	3/2/2022			20.33	- - -	- - -	632.01
	9/14/2022			25.21	- - -	- - -	627.13
MW30	8/27/2018	14.67 - 39.67	652.83	34.73	- - -	- - -	618.10
	8/31/2018			35.01	- - -	- - -	617.82
	11/26/2018			34.91	- - -	- - -	617.92
	11/30/2018			34.84	- - -	- - -	617.99
	3/29/2019			35.28	- - -	- - -	617.55
	8/29/2019			35.05	- - -	- - -	617.78
	12/19/2019			35.19	- - -	- - -	617.64
	3/22/2020			35.43	- - -	- - -	617.40
	8/30/2020			34.90	- - -	- - -	617.93
	11/19/2020			34.90	- - -	- - -	617.93
	4/7/2021			35.90	- - -	- - -	616.93
	10/6/2021			36.62	- - -	- - -	616.21
	3/2/2022			33.49	- - -	- - -	619.34
	9/14/2022			35.62	- - -	- - -	617.21
MW31	8/27/2018	14.11 - 39.11	653.97	34.55	- - -	- - -	619.42
	8/31/2018			35.16	- - -	- - -	618.81
	11/26/2018			35.04	- - -	- - -	618.93
	11/30/2019			34.96	- - -	- - -	619.01
	3/29/2019			32.45	- - -	- - -	621.52
	8/29/2019			34.02	- - -	- - -	619.95
	12/19/2019			36.08	- - -	- - -	617.89
	3/22/2020			30.05	- - -	- - -	623.92
	8/30/2020			34.19	- - -	- - -	619.78
	11/19/2020			34.97	- - -	- - -	619.00
	4/7/2021			32.20	- - -	- - -	621.77
	10/6/2021			35.66	- - -	- - -	618.31
	3/2/2022			30.94	- - -	- - -	623.03
	9/14/2022			34.34	- - -	- - -	619.63

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
MW32	8/27/2018	8.95 - 33.95	655.83	12.41	- - -	- - -	643.42
	8/31/2018			12.43	- - -	- - -	643.40
	11/26/2018			12.28	- - -	- - -	643.55
	11/30/2019			12.25	- - -	- - -	643.58
	3/29/2019			11.13	- - -	- - -	644.70
	8/29/2019			12.01	- - -	- - -	643.82
	12/19/2019			12.20	- - -	- - -	643.63
	3/22/2020			12.20	- - -	- - -	643.63
	8/30/2020			11.51	- - -	- - -	644.32
	11/19/2020			11.26	- - -	- - -	644.57
	4/7/2021			11.42	- - -	- - -	644.41
	10/6/2021			12.11	- - -	- - -	643.72
	3/2/2022			11.25	- - -	- - -	644.58
	9/14/2022			10.90	- - -	- - -	644.93
BH-1	4/17/2017	20-30	652.17	19.71	- - -	- - -	632.46
	4/20/2017			20.13	- - -	- - -	632.04
	4/27/2017			22.88	- - -	- - -	629.29
	5/1/2017			23.16	- - -	- - -	629.01
	6/8/2017			25.64	- - -	- - -	626.53
	7/3/2017			28.46	27.91	0.55	624.14
	9/28/2017			28.73	- - -	- - -	623.44
	4/25/2018			23.03	- - -	- - -	629.14
	4/27/2018			20.03	- - -	- - -	632.14
	8/27/2018			26.21	- - -	- - -	625.96
	8/31/2018			26.27	- - -	- - -	625.90
	11/26/2018			NM	- - -	- - -	- - -
	11/30/2018			NM	- - -	- - -	- - -
BH01R	3/29/2019	14.52-39.52	651.03	20.30	- - -	- - -	630.73
	8/29/2019			24.64	- - -	- - -	626.39
	12/19/2019			34.33	- - -	- - -	616.70
	3/22/2020			24.30	- - -	- - -	626.73
	8/30/2020			23.96	- - -	- - -	627.07
	11/19/2020			22.35	- - -	- - -	628.68
	4/7/2021			21.36	- - -	- - -	629.67
	10/6/2021			25.55	- - -	- - -	625.48
	3/2/2022			20.29	- - -	- - -	630.74
	9/14/2022			24.32	- - -	- - -	626.71

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
BH-2	4/17/2017	20-35	653.77	26.16	- - -	- - -	627.61
	4/20/2017			26.30	- - -	- - -	627.47
	4/27/2017			26.56	26.48	0.08	627.27
	5/1/2017			26.68	26.58	0.10	627.17
	6/8/2017			26.73	- - -	- - -	627.04
	7/3/2017			28.86	- - -	- - -	624.91
	9/28/2017			31.25	- - -	- - -	622.52
	4/25/2018			27.68	- - -	- - -	626.09
	4/28/2017			27.53	- - -	- - -	626.24
	8/27/2018			28.50	- - -	- - -	625.27
	8/31/2018			28.91	- - -	- - -	624.86
	11/26/2018			28.66	- - -	trace	625.11
	11/30/2018			28.63	- - -	trace	625.14
	3/29/2019			27.75	- - -	- - -	626.02
	8/29/2019			28.51	- - -	- - -	625.26
	12/19/2019			28.60	- - -	- - -	625.17
	3/22/2020			28.31	- - -	- - -	625.46
	8/30/2020			28.39	- - -	- - -	625.38
	11/19/2020			28.15	- - -	- - -	625.62
	4/7/2021			27.90	- - -	- - -	625.87
	10/6/2021			30.62	- - -	- - -	623.15
	3/2/2022			26.68	- - -	- - -	627.09
	9/14/2022			32.12	- - -	- - -	621.65

Table 2
Depth to Water/Groundwater Elevation
Coleman Oil
Wenatchee, Washington

Well Identification	Date	Monitoring Well Screened Interval (feet bgs)	Elevation Top of Casing [1] (feet)	Depth to Water (feet below top of casing)	Depth to NAPL (feet below top of casing)	LNAPL Thickness (feet)	Groundwater Elevation (feet)
BH-3	4/17/2017	15-30	648.76	17.47	- - -	- - -	631.29
	4/20/2017			17.88	- - -	- - -	630.88
	4/27/2017			18.70	- - -	- - -	630.06
	5/1/2017			19.06	- - -	- - -	629.70
	6/8/2017			21.19	- - -	- - -	627.57
	7/3/2017			21.70	- - -	- - -	627.06
	9/28/2017			23.04	- - -	- - -	625.72
	4/25/2018			20.06	- - -	- - -	628.70
	4/27/2018			22.36	- - -	- - -	626.40
	8/27/2018			22.20	- - -	- - -	626.56
	8/31/2018			23.68	- - -	- - -	625.08
	11/26/2018			24.05	- - -	- - -	624.71
	11/30/2018			25.29	- - -	- - -	623.47
	3/29/2019			18.05	- - -	- - -	630.71
	8/29/2019			25.43	- - -	- - -	623.33
	12/19/2019			24.31	- - -	- - -	624.45
	3/22/2020			24.86	- - -	- - -	623.90
	8/30/2020			25.47	- - -	- - -	623.29
	11/19/2020			27.22	- - -	- - -	621.54
	4/7/2021			19.52	- - -	- - -	629.24
	10/6/2021			23.88	- - -	- - -	624.88
	3/2/2022			16.81	- - -	- - -	631.95
	9/14/2022			21.70	- - -	- - -	627.06
RW-1	4/17/2017	15-30	650.42	16.15	- - -	- - -	634.27
	4/20/2017			16.34	- - -	- - -	634.08
	4/27/2017			17.35	- - -	- - -	633.07
	5/1/2017			18.55	- - -	- - -	631.87
	6/8/2017			22.67	- - -	- - -	627.75
	7/3/2017			24.19	- - -	- - -	626.23
	9/28/2017			26.74	- - -	- - -	623.68
	4/25/2018			21.19	- - -	- - -	629.23
	4/27/2018			21.21	- - -	- - -	629.21
	8/27/2018			25.09	- - -	- - -	625.33
	8/31/2018			25.69	- - -	- - -	624.73
	11/26/2018			28.81	- - -	- - -	621.61
	11/30/2018			25.63	- - -	- - -	624.79
	3/29/2019			21.12	- - -	- - -	629.30
	8/29/2019			26.80	- - -	- - -	623.62
	12/19/2019			27.42	- - -	- - -	623.00
	3/22/2020			25.51	- - -	- - -	624.91
	8/30/2020			27.20	- - -	- - -	623.22
	11/19/2020			23.61	- - -	- - -	626.81
	4/7/2021			22.08	- - -	- - -	628.34
	10/6/2021			25.14	- - -	- - -	625.28
	3/2/2022			21.72	- - -	- - -	628.70
	9/14/2022			24.33	- - -	- - -	626.09

NOTES:

- - - denotes no LNAPL present

[1]Elevation in feet above mean sea level. Elevations based on NAVD88 vertical datum. Well survey conducted by Munson Engineers, Inc. of Wenatchee, Washington in July 2010 and April 2017.

bgs = below ground surface
LNAPL = light nonaqueous-phase liquid
NAPL = nonaqueous-phase liquid

Groundwater elevations in wells with LNAPL corrected for water-level elevation using typical specific gravity of R99 LNAPL of 0.78.

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW-1	3/23/2017	---	520	480	---	---	---	---	--	--	--	--
	4/21/2017	210 F	730	510	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	9/29/2017	200	410	<410	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	8/28/2018	449	219	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/27/2018	152	159	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2019	172	126 F-11,F-20	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW01S	4/24/2018	188	<187	<374	0.42	<1.00	5.8	9.48	--	--	--	--
	8/28/2018	268	294	<151	1.49	<1.00	1.26	<1.50	--	--	--	--
	11/27/2018	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2019	133	116 F-11, F-20	<151	<0.200	<1.00	4.18	8.97	--	--	--	--
	8/26/2019	<100	269 F-11, F-20	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/17/2019	<100	97.2 F-11	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/23/2020	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	<100	108 F-11	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/16/2020	<100	236 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW-2	3/23/2017	---	<260	<410	---	---	---	---	--	--	--	--
	4/20/2017	<100	<260	<410	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	4/25/2018	<100	<187	<374	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW-3	4/20/2017	<100	<260	<410	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	9/28/2017	<100	<260	<410	<1.0	<1.0	<1.0	<2.0	--	--	--	--
MW03S	4/25/2018	<100	<187	<374	<0.200	<1.00	<0.500	<1.50	<2.00	<1.00	<0.500 ec	<0.400
	8/29/2018	<100	139	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/27/2018	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2019	<100	<76.2	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/26/2019	<100	114 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/17/2019	<100	77.7 F-11	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/23/2020	<100	76.7	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	<100	86 F-11	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/16/2020	<100	149 F-11	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW-4	3/23/2017	---	<260	<410	---	---	---	---	--	--	--	--
	4/20/2017	<100	<260	<410	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	9/28/2017	<100	<260	<410	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	4/25/2018	<100	<187	<374	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW-5	3/23/2017	---	<260	<410	---	---	---	---	--	--	--	--
	4/20/2017	<100	<260	<410	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	9/28/2017	<100	<260	<410	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	4/25/2018	<100	<189	<377	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/28/2018	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW-6	4/20/2017	880 F	1,800	480 N1	5.0	<4.0	6.2	37	--	--	--	--
	9/28/2017	530 O	760	430 N1	<1.0	<1.0	<1.0	4.3	--	--	--	--
	4/25/2018	643	1,620	<374	0.56	<1.00	<0.500	2.19	--	--	--	--
	8/29/2018	376	668	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/27/2018	499	634	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2019	398	1,010 F-13,F-20	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/26/2019	356	1,200 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/18/2019	221	742 F-13	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/23/2020	196	1,240	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	168	1,180 F-11	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	<100	313 F-11,F-15	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	<100	687 F-13	<157	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	10/4/2021	128	843 F-13	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	156	904 F-13	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/12/2022	213	1,180	<172	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW-7	4/20/2017	1,100 F	1,300	420 N1	3.2	< 1.0	15	11.4	--	--	--	--
	9/28/2017	<100	520	<470 U1	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	4/25/2018	<100	435	<374	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/29/2018	<100	448	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/28/2018	<100	283	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW-8	9/29/2017	1,300 O	2,100	690 N1	<1.0	<1.0	4.1	27.2	--	--	--	--
	4/26/2018	720	1,300	<374	0.641	<1.00	<0.500	4.67	--	--	--	--
	8/29/2018	774	907	<151	<0.200	<1.00	<0.500	3.42	--	--	--	--
	11/28/2018	921	505	<151	0.214	<1.00	1.06	6.23	--	--	--	--
	3/26/2019	768	2,220 F-13,F-20	<152	22.2	<1.00	<0.500	2.70	--	--	--	--
	8/26/2019	899	1,320 F-13,F-20	<151	0.853	<1.00	0.504	2.17	--	--	--	--
	12/18/2019	891	1,110 F-13	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	975	2,230	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	683	1,960	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	873	3,640 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	766	2,300 F-13	<769 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	10/4/2021	707	2,490 F-13	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	559	3,390 F-13	158	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/12/2022	468	1,520	<163	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW-9	9/29/2017	500 O	1,200	670 N1	<1.0	<1.0	<1.0	1.5	--	--	--	--
	4/26/2018	2,810	2,620	<374	2.73	<1.00	9.95	20.4	--	--	--	--
MW09R	8/29/2018	234	654	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/28/2018	1,300	1,850	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/26/2019	1,000	5,690 F-13,F-20	<151	5.64	<1.00	0.545	<1.50	--	--	--	--
	8/27/2019	1,080	5,880 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/16/2019	1,420	1,120,000 F-13	<30,200 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	688	3,130	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	379	2,330 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	626	4,870 F-13	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	362	2,520 F-13	<755 ec	0.538	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	868	4,290 F-13	163	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/13/2022	965	2,530	<157	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW-10	4/21/2017	1,900 F	3,800	730	3.4	< 1.0	11	12.5	--	--	--	--
	9/29/2017	1,900 O	16,000	1,300 N1	<1.0	<1.0	13	26.7	--	--	--	--
	4/26/2018	2,290	1,500	<377	0.219	<1.00	3.52	5.95	--	--	--	--
MW10R	8/30/2018	1,080	838	< 150	< 0.200	< 1.00	1.22	2.42	--	--	--	--
	11/29/2018	2,160	1,370	<755 ec	<0.200	<1.00	3.90	5.98	--	--	--	--
	3/28/2019	1,020	2,960 F-13	<151	0.401	<1.00	0.837	<1.50	--	--	--	--
	8/27/2019	1,270	3,620 F-13	<1,510 ec	<0.200	<1.00	1.44	3.06	--	--	--	--
	12/19/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	3/24/2020	557	2,250	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	635	2,130 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	781	1,290 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/6/2021	632	1,520 F-13	<152	0.217	<1.00	<0.500	<1.50	--	--	--	--
	2/28/2022	687	1,940	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/12/2022	829	1,530	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW-11	4/21/2017	1,400 F	1,700	1,000 N1	28	4.1	8.2	26.1	--	--	--	--
	9/29/2017	1,000 O	3,100	720 N1	<1.0	<1.0	1.9	12.5	--	--	--	--
	4/26/2018	1,240	1,140	<374	<0.200	<1.00	0.56	2.27	--	--	--	--
	8/29/2018	944	251	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/27/2018	1,350	503	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/26/2019	1,540	1,230 F-13,F-20	<150	11.6	<1.00	<0.500	2.34	--	--	--	--
	8/26/2019	1,230	1,060 F-13, F-20	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/18/2019	1,020	1,060 F-13	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/23/2020	1,010	1,500	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	804	1,870 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	963	1,880 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	788	2,810 F-13	<151	1.67	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	580	2,480 F-13	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/12/2022	517	1,920	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW12	4/25/2018	<100	<189	<377	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/28/2018	<100	<74.8	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/27/2018	<100	92.8	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2019	<100	<76.2	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/26/2019	<100	<74.8	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/17/2019	<100	91.0 F-11	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/23/2020	<100	170	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/16/2020	<100	106 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW13	4/25/2018	40,900	1,790	<377	1,500	4,710	627	3,780	--	--	--	--
	8/29/2018	39,300	2,500	<150	1,780	3,010	796	4,850	167	<50.0 ec	<25.0 ec	<25.0 ec
	11/27/2018	22,400	3,250	<151	1,380	271	458	3,170	--	--	--	--
	3/25/2019	28,500	4,650 F-11,F-20	<151	701	761	804	4,980	--	--	--	--
MW13R	8/26/2019	966	2,180 F-11,F-20	<151	96.4	<1.00	8.52	28.5	--	--	--	--
	12/17/2019	292	979 F-11	<154	47.3	<1.00	2.16	5.00	--	--	--	--
	3/23/2020	<100	1,350	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	<100	666 F-11	<151	0.523	<1.00	<0.500	<1.50	--	--	--	--
	11/16/2020	<100	1,750 F-11	<150	0.22	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	<100	610 F-11	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	10/4/2021	<100	1,410 F-11	<157	2.52	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	<100	703 F-11	<157	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/12/2022	<100	1,770	<162	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW14	8/29/2018	4,040	487	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/25/2018	4,620	900	<374	13.1	<1.00	16.1	<1.50	3.21	<1.00	<0.500 ec	<0.400
	11/27/2018	5,170	933	<151	15.2	<1.00	1.70	<1.50	--	--	--	--
	3/25/2019	2,650	1,070 F-11,F-20	<151	17.8	<1.00	2.04	<1.50	--	--	--	--
	8/26/2019	3,510	1,280 F-11,F-20	<151	44.2	<10.0	5.95	<15	--	--	--	--
	12/17/2019	3,450	671 F-11,F-20	<154	24.7	<1.00	3.00	2.69	--	--	--	--
	3/23/2020	2,320	1,280	<150	13.3	<1.00	4.40	2.00	--	--	--	--
	8/31/2020	3,830	825 F-11,F-20	<151	7.82	<100	4.00	<1.50	--	--	--	--
	11/17/2020	3,570	1,180 F-13	<150	2.46	<1.00	0.71	<1.50	--	--	--	--
	4/5/2021	3,820	831 F-11, F-20	<151	1.68	<1.00	3.70	<1.50	--	--	--	--
	10/4/2021	3,860	970 F-11, F-20	<157	2.29	<1.00	2.46	<1.50	--	--	--	--
	3/1/2022	4,020	1,000 F-20	<167	4.03	<1.00	6.47	<1.50	--	--	--	--
	9/12/2022	4,480	1,040	<160	1.86	<1.00	3.03	<1.50	--	--	--	--
MW15	4/25/2018 iw	--	--	--	--	--	--	--	--	--	--	--
	8/29/20018 iw	--	--	--	--	--	--	--	--	--	--	--
	11/27/2018 iw	--	--	--	--	--	--	--	--	--	--	--
	3/26/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	8/26/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	12/19/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	3/23/2020 iw	--	--	--	--	--	--	--	--	--	--	--
	8/30/2020 iw	--	--	--	--	--	--	--	--	--	--	--
	11/16/2020 iw	--	--	--	--	--	--	--	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW16	4/26/2018	<100	330	<374	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/29/2018	<100	298	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/28/2018	<100	337	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/26/2019	<100	183 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/26/2019	<100	349 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/17/2019	<100	259 F-11	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	<100	242	<151	0.229	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	<100	197	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	<100	252 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW17	4/26/2018	2,800	1,630	<377	1.23	<1.00	1.62	7.66	4.72	<1.00	<0.500 ec	<0.400
	8/29/2018	1,270	986	<150	0.450	<1.00	<0.500	<1.50	5.61	<1.00	<0.500 ec	<0.500
	11/28/2018	1,390	1,580	<151	0.305	<1.00	<0.500	<1.50	--	--	--	--
	3/26/2019	1,180	2,520 F-13,F-20	<151	2.91	<1.00	0.692	1.50	--	--	--	--
	8/26/2019	655	6,730 F-13	<150	2.72	<1.00	<0.500	<1.50	--	--	--	--
	12/16/2019	1,470	21,800 F-13	<3,050 ec	1.38	<1.00	3.10	<1.50	--	--	--	--
	3/24/2020	645	10,700	<1,500 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	267	2,890 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/18/2020	396	1,970 F-13	<151	0.3	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	442	1,620 F-13	<151	0.349	<1.00	<0.500	<1.50	--	--	--	--
	10/5/2021	440	1,580 F-13	<168	1.42	<1.00	0.79	<1.50	--	--	--	--
	3/1/2022	544	3,000 F-13	<158	0.4	<1.00	<0.500	<1.50	--	--	--	--
	9/13/2022	365	1,490	<190	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW18	4/26/2018 iw	--	--	--	--	--	--	--	--	--	--	--
	8/29/2018 iw	--	--	--	--	--	--	--	--	--	--	--
	11/27/2018 iw	--	--	--	--	--	--	--	--	--	--	--
	3/26/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	8/26/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	12/19/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	3/23/2020 iw	--	--	--	--	--	--	--	--	--	--	--
	8/30/2020 iw	--	--	--	--	--	--	--	--	--	--	--
	11/16/2020 iw	--	--	--	--	--	--	--	--	--	--	--
MW19	4/26/2018	**280**	**979**	<377	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/27/2018	<100	**406**	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/30/2018	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/28/2019	**447**	**4,300** F-13	<151	**0.673**	<1.00	<0.500	<1.50	--	--	--	--
	8/26/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	12/17/2019	<100	**674** F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2020	<100	**985**	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/2/2020	<100	**527** F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/18/2020	<100	**568** F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW20	4/26/2018	1,270	1,320	<377	<0.200	<1.00	1.56	5.44	--	--	--	--
	8/30/2018	320	346	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/29/2018	674	1,280	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/28/2019	1,220	2,190 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/28/2019	588	870 F-11,F-20	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/17/2019	553	967 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2020	478	1,470	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/2/2020	349	987 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/18/2020	736	713 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/6/2021	887	1,360 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	10/5/2021	568	1,430 F-13	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	751	2,130 F-13	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/13/2022	916	1,320	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW21	4/26/2018	991	965	<374	<0.200	<1.00	0.835	1.82	--	--	--	--
	8/30/2018	<100	234	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/27/2018	789	992	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/28/2019	799	1,400 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/27/2019	453	605 F-11,F-20	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/17/2019	<100	160 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	786	1,120	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	760	1,010 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/16/2020	854	955 F-11, F-20	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/6/2021	675	939 F-13	<157	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	10/4/2021	155	555 F-13	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	2/28/2022	613	1,650 F-13	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/12/2022	686	1,210	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW22	4/26/2018	6,960	4,690	<377	118	28.8	102	196	--	--	--	--
	8/30/2018	2,040	1,150	<748 ec	30.4	5.34	30.5	55.9	--	--	--	--
MW23	4/25/2018	<100	419	<381	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/29/2018	<100	266	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/27/2018	<100	380	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2019	<100	339 F-11	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/26/2019	<100	580 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/17/2019	<100	305 F-11	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/23/2020	<100	793	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	<100	960 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/16/2020	<100	686 F-11	<158	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW24	8/30/2018	<100	220	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/29/2018	154	914	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/28/2019	<100	696 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/27/2019	<100	560 F-11, F-20	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/19/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	3/24/2020	<100	842	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	<100	443 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/16/2020	<100	165 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/6/2021	<100	560 F-13	<157	<0.200	1.91	<0.500	<1.50	--	--	--	--
	10/4/2021	203	1,210 F-13	<165	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	2/28/2022	<100	883 F-13	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/12/2022	<100	694	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW25	8/30/2018	<100	<74.8	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/27/2018	<100	**121**	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/28/2019	<100	**302** F-11	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/27/2019	<100	**262** F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/17/2019	<100	**98.1** F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	<100	**419**	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	<100	**154** F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	<100	<74.8	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW26	8/30/2018	<100	**128**	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/29/2018	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/28/2019	<100	**591** F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/27/2019	<100	**266** F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/16/2019	<100	**187** F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	<100	**328**	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	<100	**235** F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	<100	**125**	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW27	8/30/2018	<100	118	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/29/2018	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/28/2019	<100	185 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/28/2019	<100	467 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/18/2019	<100	264 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	<100	554	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	<100	838 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	<100	631	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW28	8/30/2018	<100	105	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/1/2018	385	486	<158	0.208	<1.00	<0.500	<1.50	--	--	--	--
	3/27/2019	303	1,370 F-13	<151	1.30	<1.00	<0.500	<1.50	--	--	--	--
	8/27/2019	302	1,010 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/17/2019	<100	671 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	<100	1,100	<1,500 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	218	1,490 F-11	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	211	1,750 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	126	1,220 F-13	<151	0.500	<1.00	<0.500	<1.50	--	--	--	--
	10/5/2021	<100	1,040 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	<100	381 F-13	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/13/2022	263	1,110	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
MW29	8/28/2018	<100	459	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/29/2018	<100	238	809	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/27/2019	237	2,930 F-13,F-15	928 F-16	1.64	<1.00	<0.500	<1.50	--	--	--	--
	8/26/2019	--	--	--	--	--	--	--	--	--	--	--
	12/16/2019	3,960	129,000 F-13	<15,700 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2020	535	3,870	<1,500 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/30/2020	--	--	--	--	--	--	--	--	--	--	--
	11/16/2020	--	--	--	--	--	--	--	--	--	--	--
	4/5/2021	464	3,090 F-13	<151	0.920	<1.00	<0.500	<1.50	--	--	--	--
	10/4/2021	390	6,690 F-13	<165	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	221	3,120 F-13	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/12/2022	299	5,430	<157	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW30	8/28/2018	<100	193	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/29/2018	<100	304	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/27/2019	<100	612 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/27/2019	<100	557 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/16/2019	238	5,410 F-13	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2020	<100	1,330	<748 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	<100	6,200 F-13	1,120	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/16/2020	<100	945 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	<100	1,390 F-13	759 F-13	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	10/4/2021	<100	856 F-13	<182	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	<100	1,650 F-13	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/12/2022	<100	672	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		**800/1000**	**500**	**500**	**5**	**1,000**	**700**	**1,000**	**160**	**20**	**0.01**	**5**
Benzene (Non Detect)		**1,000**										
Benzene (Detect)		**800**										
Field ID	**Date**											
MW31	8/28/2018	<100	<74.1	<148	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/1/2018	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/27/2019	<100	<74.8	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/27/2019	<100	<74.8	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/16/2019	<100	**255** F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2020	<100	**108**	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/16/2020	<100	**221** F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW32	8/29/2018	**139**	**161**	<148	<0.200	<1.00	<0.500	<1.50	<2.00	<1.00	**<0.500** ec	<0.500
	11/28/2018	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/26/2019	<100	**296** F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/26/2019	<100	**302** F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/16/2019	<100	**433** F-11	<155	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	<100	**403**	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	<100	<75.5	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	<100	**166** F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	<100	**704** F-11	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	10/4/2021	<100	**1,090** F-11	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	<100	**338** F-11	<163	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/13/2022	<100	**7,920**	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
BH-1	4/21/2017	820 F	1,900	970 N1	15	2.8	8.3	18.5	--	--	--	--
	4/26/2018	2,140	1,390	<377	0.671	<1.00	5.55	12.5	--	--	--	--
	8/30/2018	591	243	<148	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/1/2018	1,420	5,120 F13	<151	<0.200	<1.00	0.608	<1.50	--	--	--	--
BH01R	3/27/2019	1,130	13,600 F-13	<151	4.33	<1.00	1.15	1.78	--	--	--	--
	8/27/2019	518	1,910 F-13	<150	0.240	<1.00	<0.500	<1.50	--	--	--	--
	12/16/2019	918	42,800 F-13	<3,200 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	132	2,080	<1,510 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	133	2,740 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	164	1,450 F-13	<1,500 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	521	1,830 F-13	<155	0.630	<1.00	<0.500	<1.50	--	--	--	--
	10/5/2021	244	1,920 F-13	<174	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	366	2,180 F-13	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/13/2022	499	2,660	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
BH-2	4/10/2017	1,900 F	100,000	10,000	< 4.0	< 4.0	<0.500	39	--	--	--	--
	4/21/2017	1,500 F	2,600	630 N1	4.2	3.3	12	39	--	--	--	--
	4/24/2018	854	9,360	<377	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/28/2018	639	3,300	<148	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/30/2018	509	7,040	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/27/2019	354	5,310 F-13, F-15	475 F-03, F-16	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/27/2019	295	6,150 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/17/2019	202	2,230 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/25/2020	128	1,030	<748 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/31/2020	102	3,820 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/16/2020	475	7,530 F-13	<1,500 ec	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	4/5/2021	169	4,050 F-13	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	10/4/2021	288	4,400 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/1/2022	<100	1,760 F-13	<154	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/12/2022	300	3,350	<152	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
BH-3	4/21/2017	1,800 F	2,400	660	1.8	<1.0	5.4	8.2	--	--	--	--
	9/29/2017	150 O	1,200	550 N1	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	4/26/2018	172	1,130	<377	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/30/2018	250	276	<148	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/29/2018	<100	502	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/28/2019	319	1,850 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/28/2019	121	816 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/18/2019	126	488 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	<100	552	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	<100	546 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	<100	483 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	<100	546 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	<100	483 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
RW-1	4/21/2017	<100	840	540 N1	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	9/29/2017	<100	360	440	<1.0	<1.0	<1.0	<2.0	--	--	--	--
	4/26/2018	<100	<189	<377	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/30/2018	<100	327	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/30/2018	<100	152	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/28/2019	<100	<74.8 F-13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	8/28/2019	<100	116 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	12/18/2019	<100	78.7 F-11	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	3/24/2020	<100	132	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	9/1/2020	<100	145 F-11	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
	11/17/2020	<100	119 F-13	<150	<0.200	<1.00	<0.500	<1.50	--	--	--	--

Table 3
Groundwater Analytical Results - Fuels and VOCs
Coleman Oil Site
Wenatchee, Washington

		Fuels			Volatiles							
		GRPH	DRPH	ORPH	Benzene	Toluene	Ethylbenzene	Xylene, Total	Naphthalene	MTBE	EDB	EDC
		µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup for Groundwater		800/1000	500	500	5	1,000	700	1,000	160	20	0.01	5
Benzene (Non Detect)		1,000										
Benzene (Detect)		800										
Field ID	**Date**											
FB-9	4/7/2017	1,200 F	2,900	1,200	2.4	< 1.0	3.7	1.7	--	--	--	--
FB-10	4/7/2017	2,000 F	57,000	< 4,100 ec	71	13	7.1	64	--	--	--	--

Notes:
Red denotes concentration in excess of MTCA Method Cleanup Level for Groundwater.
Blue denotes concentration in excess of laboratory method reporting limit (MRL) but below the MTCA Method Cleanup Level for Groundwater.
MTCA Method A Cleanup Levels, WAC 173-340-720 through 173-340-760, revised Nov., 2007
GRPH (gasoline range petroleum hydrocarbons) analyzed by Method NWTPH-Gx.
DRPH (diesel range petroleum hydrocarbons) and ORPH (oil range petroleum hydrocarbons) analyzed by Method NWTPH-Dx.
Volatile organic compounds (VOCs) analyzed by EPA Method 8260C
Total Lead by EPA Method 6020 0
iw = insufficient volume of water to sample
< = less than method reporting limit shown
--- = not analyzed. MW15 and MW18 not sampled due to lack of water in the well.MW29 not sampled due to product in the well.
ec = Method reporting limit exceeds Clean Up Level shown.
F and O = hydrocarbons indicative of heavier fuels are present in sample and impacting the gasoline result (Farallon 2017b)
N1 = hydrocarbons in the diesel-range are impacting the oil result (Farallon 2017b)
U1 = the practical quantitation limit is elevated due to interferences present in the sample (Farallon 2017b)
F-03 = The result for this hydrocarbon range is elevated due to the presence of individual analyte peaks in the quantitation range that are not representative of the fuel pattern reported.
F-11 = The hydrocarbon pattern indicates possible weathered diesel, or a contribution from a related component.
F-13 = The chromatographic pattern does not resemble the fuel standard used for quantitation.
F-15 = Results for diesel are estimated due to overlap from the reported oil result.
F-16 = Results for oil are estimated due to overlap from the reported diesel result.
F-20 = Result for Diesel is estimated due to overlap from Gasoline Range Organics or other VOCs.
S-02 = Surrogate recovery cannot be accurately quantified due to interference from coeluting organic compounds present in the sample extract.
S-06 = Surrogate recovery is outside of established control limits.

Table 4
Historical Groundwater Analytical Results - PAHs
Coleman Oil Site
Wenatchee, Washington

	Acenaphthene	Acenaphthylene	Anthracene	Benz [a] anthracene	Benzo [a] pyrene	Benzo [b] fluoranthene	Benzo [k] fluoranthene	Benzo (g,h,i) perylene	Chrysene	Dibenz [a,h] anthracene
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup Level for Groundwater					**0.1**					
Field ID **Date**										
MW21 4/26/2018	0.193	<0.0935	0.145	<0.0935	<0.0935	<0.0935	<0.0935	<0.0935	<0.0935	<0.0935
MW22 4/26/2018	113	<12.3	8.48	0.284	<0.0943	<0.0943	<0.0943	<0.0943	0.243	<0.0943
MW22 8/30/2018	43.4	4.21	3.32	0.156	<0.0374	<0.0374	<0.0374	<0.0374	0.156	<0.0374
MW32 8/29/2018	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370	<0.0370

	Dibenzofuran	Fluoranthene	Fluorene	Indeno [1,2,3-cd] pyrene	1- Methyl-naphthalene	2-Methyl- naphthalene	Naphthalene	Phenanthrene	Pyrene	TEQ
	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L	µg/L
WA MTCA Method A Cleanup Level for Groundwater							**160**			**0.1**
Field ID **Date**										
MW21 4/26/2018	0.103	<0.0935	0.144	<0.0935	1.48	0.494	1.16	<0.0935	<0.0935	0.0706
MW22 4/26/2018	8.55	3.2	36.7	<0.0943	298	210	**692**	36.6	4.30	0.0968
MW22 8/30/2018	3.34	1.49	14.0	<0.0374	94.2	92.2	**189**	13.7	2.43	0.0433
MW32 8/29/2018	<0.0370	<0.0370	0.0382	<0.0370	<0.0741	<0.0741	<0.0833	<0.0370	<0.0370	0.0279

Notes:
Red denotes concentration in excess of MTCA Method Cleanup Level for groundwater.
MTCA Method A Cleanup Levels, WAC 173-340-720 through 173-340-760, revised Nov., 2007
< = less than method reporting limit shown
ug/L = micrograms per liter (parts per billion)
PAHs by EPA Method 8270D SIM
TEQ = Toxic Equivalent Concentration per Ecology Focus Sheet. One-half the detection limit used for non-detected concentrations.

Table 5
Vertical Groundwater Gradients
Coleman Oil Site
Wenatchee, Washington

Location	Date	TOC	Total Depth	DTW	GWE	Mid-Point	Mid-Point Elevation	Mid-Point Elevation Difference	GWE Difference	Gradient (ft/ft)
MW-1	8/27/2018	658.01	35	12.17	645.84	23.59	634.43	-6.97	-0.60	0.086
MW-1	8/31/2018	658.01	35	12.20	645.81	23.60	634.41	-6.97	-0.60	0.086
MW-1	11/26/2018	658.01	35	11.36	646.65	23.18	634.83	-6.94	-0.65	0.094
MW-1	11/30/2018	658.01	35	11.38	646.63	23.19	634.82	-6.97	-0.60	0.086
MW-1	3/29/2019	658.01	35	9.68	648.33	22.34	635.67	-6.94	-2.30	0.332
MW-1	8/29/2019	658.01	35	11.69	646.32	23.35	634.67	-6.98	-0.29	0.042
MW-1	12/19/2019	658.01	35	11.84	646.17	23.42	634.59	-6.97	-0.14	0.020
MW-1	3/22/2020	658.01	35	11.12	646.89	23.06	634.95	-6.97	-0.86	0.123
MW-1	8/30/2020	658.01	35	11.93	646.08	23.47	634.55	-6.97	-0.05	0.007
MW-1	11/19/2020	658.01	35	10.60	647.41	22.80	635.21	-7.07	-1.38	0.195
MW-1	4/7/2021	658.01	35	10.75	647.26	22.88	635.14	-6.91	-1.23	0.178
MW-1	10/6/2021	658.01	35	12.65	645.36	23.83	634.19	-6.96	0.67	-0.096
MW-1	3/2/2022	658.01	35	9.11	648.90	22.06	635.96	-7.05	-2.87	0.407
MW-1	9/14/2022	658.01	35	12.26	645.75	23.63	634.38	-7.01	0.28	-0.040
MW01S	8/27/2018	657.54	19.99	12.30	645.24	16.15	641.40			
MW01S	8/31/2018	657.54	19.99	12.33	645.21	16.16	641.38			
MW01S	11/27/2018	657.54	19.99	11.54	646.00	15.77	641.78			
MW01S	11/30/2018	657.54	19.99	11.51	646.03	15.75	641.79			
MW01S	3/29/2019	657.54	19.99	9.88	646.03	14.94	642.61			
MW01S	8/29/2019	657.54	19.99	11.81	646.03	15.90	641.64			
MW01S	12/19/2019	657.54	19.99	11.97	646.03	15.98	641.56			
MW01S	3/22/2020	657.54	19.99	11.25	646.03	15.62	641.92			
MW01S	8/30/2020	657.54	19.99	12.07	646.03	16.03	641.51			
MW01S	11/19/2020	657.54	19.99	10.52	646.03	15.26	642.29			
MW01S	4/7/2021	657.54	19.99	11.00	646.03	15.50	642.05			
MW01S	10/6/2021	657.54	19.99	12.80	646.03	16.40	641.15			
MW01S	3/2/2022	657.54	19.99	9.07	646.03	14.53	643.01			
MW01S	9/14/2022	657.54	19.99	12.31	646.03	16.15	641.39			

Location	Date	TOC	Total Depth	DTW	GWE	Mid-Point	Mid-Point Elevation	Mid-Point Elevation Difference	GWE Difference	Gradient (ft/ft)
MW-3	8/27/2018	658.26	35	7.75	650.51	21.38	636.89	-7.62	-0.38	0.050
MW-3	8/31/2018	658.26	35	7.80	650.46	21.40	636.86	-7.63	-0.34	0.045
MW-3	11/26/2018	658.26	35	7.78	650.48	21.39	636.87	-7.73	-0.15	0.019
MW-3	11/30/2018	658.26	35	7.89	650.37	21.45	636.82	-7.74	-0.13	0.017
MW-3	3/29/2019	658.26	35	6.42	651.84	20.71	637.55	-7.36	-0.89	0.121
MW-3	8/29/2019	658.26	35	7.53	650.73	21.27	637.00	-7.66	-0.28	0.037
MW-3	12/19/2019	658.26	35	7.95	650.31	21.48	636.79	-7.75	-0.11	0.014
MW-3	3/22/2020	658.26	35	7.70	650.56	21.35	636.91	-7.74	-0.14	0.018
MW-3	8/30/2020	658.26	35	7.83	650.43	21.42	636.85	-7.60	-0.41	0.054
MW-3	11/19/2020	658.26	35	7.28	650.98	21.14	637.12	-7.71	-0.18	0.023
MW-3	4/7/2021	658.26	35	7.68	650.58	21.34	636.92	-8.10	0.59	-0.073
MW-3	10/6/2021	658.26	35	7.84	650.42	21.42	636.84	-7.56	-0.48	0.063
MW-3	3/2/2022	658.26	35	6.59	651.67	20.80	637.47	-7.60	-0.41	0.054
MW-3	9/14/2022	658.26	35	7.73	650.53	21.37	636.90	-7.62	-0.37	0.049
MW03S	8/27/2018	658.17	19.3	8.04	650.13	13.67	644.50			
MW03S	8/31/2018	658.17	19.3	8.05	650.12	13.68	644.50			
MW03S	11/26/2018	658.17	19.3	7.84	650.33	13.57	644.60			
MW03S	11/30/2018	658.17	19.3	7.93	650.24	13.62	644.56			
MW03S	3/29/2019	658.17	19.3	7.22	650.95	13.26	644.91			
MW03S	8/29/2019	658.17	19.3	7.72	650.45	13.51	644.66			
MW03S	12/19/2019	658.17	19.3	7.97	650.20	13.64	644.54			
MW03S	3/22/2020	658.17	19.3	7.75	650.42	13.53	644.65			
MW03S	8/30/2020	658.17	19.3	8.15	650.02	13.73	644.45			
MW03S	11/19/2020	658.17	19.3	7.37	650.80	13.34	644.84			
MW03S	4/7/2021	658.17	19.3	7.00	651.17	13.15	645.02			
MW03S	10/6/2021	658.17	19.3	8.23	649.94	13.77	644.41			
MW03S	3/2/2022	658.17	19.3	6.91	651.26	13.11	645.07			
MW03S	9/14/2022	658.17	19.3	8.01	650.16	13.66	644.52			

Notes:
All Units in feet

APPENDIX A

GROUNDWATER SAMPLE COLLECTION FORMS

HydroCon

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW06

Project Name: Coleman oil
HydroCon Project #: 2017-074
Date 9-12-22

Sample I.D. MW06-W Time: 0930
Field Duplicate I.D. MW99-W Time: 0930
Personnel: JMH

WELL INFORMATION

Monument condition: ☑ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☑ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☑ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☑ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth 16.00 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 11.31 ft Intake Depth (BTOC) _____ Begin Purging Well: 0903
Casing volume _____ ft (H_2O) X _____ gal/ft = _____ gal. X 3 = _____ gal.
Volume Conversion Factors: 3/4" =0.02 gal/ft 1" =0.04 gal/ft 2" =0.16 gal/ft 4" =0.65 gal/ft 6" = 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☑ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: Sulfur odor

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (µS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0906	11.34	30.1	18.6	568	0.39	6.27	-32.7	33.35
0909	"		18.6	567	0.31	6.27	-83.1	34.74
0912	"		19.0	566	0.27	6.28	-96.9	32.69
0915	"		19.3	567	0.25	6.28	-101.7	32.10
0918	"		19.3	566	0.24	6.28	-103.4	27.94
0921	"		19.3	566	0.24	6.28	-103.3	25.73

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40 mL VOA	3	HCL	(No) 0.45 0.10	~~8x~~ 6x - BTEX
1 L Amber	1	HCL	(No) 0.45 0.10	1x
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW08

Project Name: Colonial
HydroCon Project #: 2017-074
Date 9-12-22

Sample I.D. MW08-W Time: 1140
Field Duplicate I.D. _____ Time: _____
Personnel: RAM

WELL INFORMATION

Monument condition: ☑ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☑ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☑ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☑ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth _____ ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 16.73 ft Intake Depth (BTOC) _____ Begin Purging Well: 1115
Casing volume _____ ft (H_2O) X _____ gal/ft = _____ gal. X 3 = _____ gal.
Volume Conversion Factors: 3/4" =0.02 gal/ft 1" =0.04 gal/ft 2" =0.16 gal/ft 4" =0.65 gal/ft 6" = 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☑ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: Sulfur odor

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (~~uS~~/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1118	16.76	20.1	18.6	835	0.36	6.97	-142.6	100.21
1121	|	|	19.1	832	0.27	6.96	-150.6	177.91
1124	|	|	19.1	830	0.26	6.96	-153.2	177.95
1127	|	|	19.0	823	0.22	6.95	-157.0	177.72
1130	|	|	19.1	820	0.21	6.95	-159.0	170.11
1135	|	|	19.1	821	0.20	6.95	-159.5	172.50

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40 mL VOA	3	HCL	(No) 0.45 0.10	6x BTEX
1L Amb	1	HCL	(No) 0.45 0.10	1x
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW09-12

Project Name: Coloma oil
HydroCon Project #: 2011-014
Date 9-13-22

Sample I.D. MW09R-W Time: 0900
Field Duplicate I.D. _____ Time: _____
Personnel: RAH

WELL INFORMATION

Monument condition: ☑ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☑ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☑ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☑ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth _____ ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 17.92 ft Intake Depth (BTOC) _____ Begin Purging Well: 0834
Casing volume _____ ft (H_2O) X _____ gal/ft = _____ gal. X 3 = _____ gal.
Volume Conversion Factors: 3/4" =0.02 gal/ft 1" =0.04 gal/ft 2" =0.16 gal/ft 4" =0.65 gal/ft 6" = 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☑ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: Light Sheen

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (µS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0837	17.94	~0.1	17.1	1042	0.36	6.57	-88.6	833.16
0840			17.1	1040	0.35	6.57	-88.7	850.11
0843			17.0	1037	0.28	6.56	-91.1	8370.94
0846			17.0	1033	0.24	6.56	-93.2	~~82.15~~ 81
0849			17.0	1032	0.23	6.56	-93.6	80.27
0852			17.0	1032	0.23	6.56	-94.8	83.42

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40 mL VOA	3	HCL	(No) 0.45 0.10	6x BTEX
1L Amber	1	HCL	(No) 0.45 0.10	1x
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW10 12

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date: 9/12/22

Sample I.D.: MW10 12-W Time: 1250
Field Duplicate I.D.: - Time: -
Personnel: CD

WELL INFORMATION

Monument condition: ☒ Good ☐ Needs repair ☐ Water in Monument
Well cap condition: ☒ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☒ Not measured ____ ppm ☐ Odor
Well diameter: ☐ 2-inch ☒ 4-inch ☐ 6-inch ☐ Other
Comments: Vaulted well w/ system pump

PURGING INFORMATION

Total well depth 33.59 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 13-33'
Depth to product - ft
Depth to water 24.27 ft Intake Depth (BTOC) 27.5' Begin Purging Well: 1231
Casing volume 9.32 ft (H_2O) X 0.65 gal/ft = 6.06 gal. X 3 = 18.18 gal.
Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☒ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other
Bailer type: Water Disposal: ☐ Drummed ☒ Remediation System ☐ Other

FIELD PARAMETERS

Odor and/or Sheen: faint odor

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1234	-		16.7	.896	1.02	6.60	-23.3	41.2
1237	-		16.1	.884	0.34	6.60	-31.5	18.7
1240	-	.200	15.9	.881	0.17	6.60	-33.0	12.6
1243	-		15.9	.876	0.10	6.60	-34.3	8.8
1246	-		15.9	.878	0.06	6.60	-35.2	8.5
1249	-		15.9	.880	0.04	6.60	-36.2	8.8
		Sample @		1250				

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: Tubing inserted w/o removing system pump

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40ml VOA	3	HCl	(No) 0.45 0.10	Cx, BTEX
1 L amber	1	HCl	(No) 0.45 0.10	DX
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

HydroCon

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW11

Project Name: Columbia
HydroCon Project #: 2017-075
Date 9-12-22

Sample I.D. MW11-W Time: 1100
Field Duplicate I.D. _____ Time: _____
Personnel: RJH

WELL INFORMATION

Monument condition: ☑ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☑ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☑ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☑ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth _____ ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 19.34 ft Intake Depth (BTOC) _____ Begin Purging Well: 1040
Casing volume _____ ft (H_2O) X _____ gal/ft = _____ gal. X 3 = _____ gal.
Volume Conversion Factors: 3/4" =0.02 gal/ft 1" =0.04 gal/ft 2" =0.16 gal/ft 4" =0.65 gal/ft 6" = 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☑ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: —

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (µS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1043	19.38	≈0.1	19.4	724	0.62	6.54	-117.9	5.72
1046			19.7	723	0.48	6.53	-123.6	5.07
1049			19.7	722	0.38	6.52	-129.3	5.09
1052			19.6	721	0.32	6.52	-132.1	4.65
1055			19.6	721	0.31	6.52	-132.8	4.63
1058			19.6	721	0.30	6.52	-133.4	4.55

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40 mL VOA	3	HCl	No 0.45 0.10	6x BTEX
1L Amb.	1	HCl	No 0.45 0.10	1x.
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

HydroCon

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW13R

Project Name: Colonie on1
HydroCon Project #: 2017-074
Date 9-11-22

Sample I.D. MW13R-W Time: 1000
Field Duplicate I.D. _____ Time: _____
Personnel: RDH

WELL INFORMATION

Monument condition: ☑ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☑ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☑ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☑ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth _____ ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 7.70 ft Intake Depth (BTOC) _____ Begin Purging Well: 0957
Casing volume _____ ft (H_2O) X _____ gal/ft = _____ gal. X 3 = _____ gal.
Volume Conversion Factors: 3/4" =0.02 gal/ft 1" =0.04 gal/ft 2" =0.16 gal/ft 4" =0.65 gal/ft 6" = 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☑ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: Sulfur odor

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (µS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0940	7.72	30.1	17.5	574	0.72	7.12	33.5	15.19
0943			17.6	576	0.57	7.12	30.2	15.41
0946			17.5	576	0.45	7.10	26.5	14.94
0949			17.5	576	0.32	7.11	20.5	14.13
0952			17.5	576	0.28	7.12	18.8	13.59
0955			17.5	576	0.29	7.11	18.3	14.92

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40 mL VOA	3	HCL	(No) 0.45 0.10	6x BTEX
1 L Amb	1	HCL	(No) 0.45 0.10	1x
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW14

Project Name: Colemon
HydroCon Project #: 2017-074
Date 9-12-22

Sample I.D. MW14-W Time: 1030
Field Duplicate I.D. _____ Time: _____
Personnel: RHH

WELL INFORMATION

Monument condition: ☑ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☑ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☑ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☑ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth _____ ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 8.57 ft Intake Depth (BTOC) _____ Begin Purging Well: 1007
Casing volume _____ ft (H_2O) X _____ gal/ft = _____ gal. X 3 = _____ gal.
Volume Conversion Factors: 3/4" =0.02 gal/ft 1" =0.04 gal/ft 2" =0.16 gal/ft 4" =0.65 gal/ft 6" = 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☑ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: Salfur odor

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (~~mS~~/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1010	8.53	20.1	18.9	854	0.75	6.73	-75.5	6.90
1013			19.4	854	0.48	6.70	-86.2	8.56
1016			19.6	856	0.36	6.71	-95.2	10.53
1019			19.5	855	0.32	6.71	-98.7	13.78
1022			19.4	854	0.27	6.71	-102.6	18.82
1025			19.4	854	0.25	6.71	-104.9	19.09

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40 mL vial	3	HCl	(No) 0.45 0.10	6x BTEX
1L Amber	1	HCl	(No) 0.45 0.10	1x
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW17

Project Name: Coleman 0.1 | Sample I.D. MW17-W | Time: 0820
HydroCon Project #: 2017-074 | Field Duplicate I.D. MW100-W | Time: 0820
Date 9-13-22 | Personnel: RAH

WELL INFORMATION

Monument condition: ☑ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☑ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☑ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☑ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth _____ ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 13.90 ft Intake Depth (BTOC) _____ Begin Purging Well: 0754
Casing volume _____ ft (H_2O) X _____ gal/ft = _____ gal. X 3 = _____ gal.
Volume Conversion Factors: 3/4" =0.02 gal/ft 1" =0.04 gal/ft 2" =0.16 gal/ft 4" =0.65 gal/ft 6" = 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☑ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: —

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (µS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0757	13.93	20.1	17.8	876	0.33	6.60	-68.8	40.74
0800			18.0	875	0.32	6.60	-69.8	36.58
0803			18.1	881	0.33	6.59	-74.2	34.75
0806			18.2	881	0.32	6.60	-74.6	31.74
0809			18.2	882	0.30	6.60	-76.4	20.26
0812			18.2	882	0.30	6.60	-77.6	20.54

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40 mL VOA	6	HCL	(No) 0.45 0.10	6x BTEX
1L Amber	2	HCL	(No) 0.45 0.10	2x
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW20

Project Name:. Colemans Of Wenatchee
Hydrocon Project #: 2017-074
Date 9/13/22

Sample I.D. MW20-W Time: 0735
Field Duplicate I.D. - Time: -
Personnel: CD

WELL INFORMATION

Monument condition: ☒ Good ☐ Needs repair ☒ Water in Monument
Well cap condition: ☒ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☒ Not measured ____ ppm ☐ Odor
Well diameter: ☐ 2-inch ☒ 4-inch ☐ 6-inch ☐ Other
Comments

PURGING INFORMATION

Total well depth 29.50 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 9-29'
Depth to product - ft
Depth to water 24.32 ft Intake Depth (BTOC) 26.5' Begin Purging Well: 0716
Casing volume 5.18 ft (H_2O) X 0.65 gal/ft = 3.37 gal. X 3 = 10.11 gal.
Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☒ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other
Bailer type: Water Disposal: ☐ Drummed ☒ Remediation System ☐ Other

FIELD PARAMETERS

Odor and/or Sheen:

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0718	24.49		16.2	.826	0.96	6.53	-59.8	5.2
0721	24.59	↓	15.8	.834	0.26	6.55	-77.0	6.5
0724	24.67	.150	15.9	.833	0.14	6.57	-79.6	8.4
0727	24.73		16.0	.833	0.11	6.58	-79.9	10.6
0730	24.78		15.9	.833	0.07	6.54	-77.4	12.2
0733	24.83		15.9	.833	0.06	6.54	-76.9	12.8
		Sample @ 0735						

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments:

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40ml VOA	3	HCl	(No) 0.45 0.10	Gx, BTEX
1 Lamber	1	HCl	(No) 0.45 0.10	Dx
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

GROUNDWATER SAMPLE COLLECTION FORM

Hydro Con

Well I.D. Number: MW21

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date: 9/12/22

Sample I.D.: MW21-W Time: 1135
Field Duplicate I.D.: - Time: -
Personnel: CD

WELL INFORMATION

Monument condition: ☒ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☒ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☒ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☒ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth 32.10 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 12-32'
Depth to product - ft
Depth to water 20.60 ft Intake Depth (BTOC) 25' Begin Purging Well: 1112
Casing volume 11.50 ft (H_2O) X 0.65 gal/ft = 7.475 gal. X 3 = 22.43 gal.
Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☒ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☒ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: _____

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1115	20.70		16.7	.848	1.01	6.57	-31.7	3.07
1118	20.73		16.5	.849	0.38	6.56	-36.2	4.1
1121	20.76	.160	16.5	.841	0.25	6.57	-38.8	5.9
1124	20.78		16.5	.841	0.20	6.57	-40.8	6.6
1127	20.85		16.4	.839	0.17	6.58	-42.2	6.2
1130	20.87		16.4	.852	0.14	6.58	-43.7	5.3
			Sample @		1135			

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40ml VOA	3	HCl	(No) 0.45 0.10	Gx, BTEX
1 L amber	1	HCl	(No) 0.45 0.10	DX
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER SAMPLE COLLECTION FORM

Hydro Con

Well I.D. Number: MW24

Project Name:. Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date 9/12/22

Sample I.D. MW24 - W Time: 1210
Field Duplicate I.D. - Time: -
Personnel: CD

WELL INFORMATION

Monument condition: ☒ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☒ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☒ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☒ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth 34.25 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 14-34'
Depth to product - ft
Depth to water 27.22 ft Intake Depth (BTOC) 28' Begin Purging Well: 1149
Casing volume 7.03 ft (H_2O) X 0.65 gal/ft = 4.57 gal. X 3 = 13.71 gal.
Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☒ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☒ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: _____

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1153	-		17.2	.903	2.53	6.80	35.0	14.0
1156	-		16.1	.911	1.10	6.80	37.0	11.4
1159	-		15.9	.917	0.71	6.81	35.3	9.8
1202	-	.135	15.9	.917	0.54	6.81	36.0	9.7
1205	-		16.2	.917	0.48	6.81	36.2	9.6
1208	-		16.2	.917	0.40	6.82	36.1	9.2

Sample @ 1210

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40ml VOA	3	HCl	(No) 0.45 0.10	Gx, BTEX+N
1 L amber	1	HCl	(No) 0.45 0.10	DX
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW28

Project Name:. Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date 9/13/22

Sample I.D. MW28-W Time: 0815
Field Duplicate I.D. ~ Time: ~
Personnel: CD

WELL INFORMATION

Monument condition: ☒ Good ☐ Needs repair ☐ Water in Monument
Well cap condition: ☒ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☒ Not measured ____ ppm ☐ Odor
Well diameter: ☐ 2-inch ☒ 4-inch ☐ 6-inch ☐ Other
Comments: Vaulted w/ system pump installed

PURGING INFORMATION

Total well depth 38.74 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 13-38'
Depth to product - ft
Depth to water 24.38 ft Intake Depth (BTOC) 27.5' Begin Purging Well: 0752
Casing volume 14.36 ft (H_2O) X 0.65 gal/ft = 9.33 gal. X 3 = 27.99 gal.
Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☒ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other
Bailer type: Water Disposal: ☐ Drummed ☒ Remediation System ☐ Other

FIELD PARAMETERS

Odor and/or Sheen:

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0755	-		16.1	.848	1.65	6.77	-70.7	3.8
0759	-		15.7	.846	0.67	6.71	-72.1	3.1
0801	-	.160	15.6	.845	0.40	6.72	-74.3	3.1
0804	-		15.5	.845	0.27	6.72	-75.9	3.3
0807	-		15.5	.844	0.19	6.72	-76.6	3.5
0810	-		15.5	.844	0.15	6.72	-77.2	3.3

Sample @ 0815

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: Tubing inserted w/o removing ~~gas~~ system pump

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40ml VOA	3	HCl	No 0.45 0.10	Gx, BTEX+N
1 L amber	1	HCl	No 0.45 0.10	Dx
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW29

Project Name:. Coleman Oil Wanatchee | Sample I.D. MW29 - W | Time: 1010
Hydrocon Project #: 2017-074 | Field Duplicate I.D. - | Time: -
Date 9/12/22 | Personnel: CD

WELL INFORMATION

Monument condition: ☒ Good ☐ Needs repair ☐ Water in Monument
Well cap condition: ☒ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☒ Not measured ____ ppm ☐ Odor
Well diameter: ☐ 2-inch ☒ 4-inch ☐ 6-inch ☐ Other
Comments: Vaulted w/ system pump

PURGING INFORMATION

Total well depth 39.11 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 14 - 39'
Depth to product - ft
Depth to water 25.30 ft Intake Depth (BTOC) 27.5' Begin Purging Well: 0949
Casing volume 13.81 ft (H_2O) X 0.65 gal/ft = 8.98 gal. X 3 = 26.94 gal.
Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☒ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other
Bailer type: Water Disposal: ☐ Drummed ☒ Remediation System ☐ Other

FIELD PARAMETERS

Odor and/or Sheen: Odor w/ Sheen

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0952	-		18.1	.842	0.96	6.47	-63.2	20.7
0955	-		17.3	.834	0.34	6.49	-71.5	14.5
0958	-	.150	17.1	.834	0.19	6.50	-74.8	16.1
1001	-		17.2	.832	0.12	6.50	-77.5	13.2
1004	-		17.2	.833	0.07	6.51	-79.7	12.9

Sample @ 1010

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: tubing inserted w/o removing system pump

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40ml VOA	3	HCl	(No) 0.45 0.10	GX, BTEX+N
1L amber	1	HCl	(No) 0.45 0.10	1DX
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW30

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-079
Date: 9/12/22

Sample I.D.: MW30-W Time: 0910
Field Duplicate I.D.: - Time: -
Personnel: CD

WELL INFORMATION

Monument condition: ☒ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☒ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☒ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☒ 4-inch ☐ 6-inch ☐ Other _____
Comments: Vaulted w/ system pump

PURGING INFORMATION

Total well depth 39.79 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 14 - 39'
Depth to product - ft
Depth to water 35.27 ft Intake Depth (BTOC) 38' Begin Purging Well: 0847
Casing volume 4.52 ft (H_2O) X 0.65 gal/ft = 2.94 gal. X 3 = 8.82 gal.
Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☐ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☒ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☒ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: _____

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0849	35.47		16.9	.761	2.41	6.92	-73.9	6.97
0852	35.54	.100	16.3	.757	1.19	6.88	-72.0	6.22
0855	35.59		16.2	.763	0.77	6.87	-69.3	6.99
0858	35.65		16.1	.757	0.70	6.88	-64.7	6.91
0901	35.72		16.0	.751	0.68	6.88	-60.5	6.49
0904								

Sample @ 0910

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: Pump removed prior to purging

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40ml VOA	3	HCl	(No) 0.45 0.10	GX, BTEX+N
1 L amber	1	HCl	(No) 0.45 0.10	DX
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

HydroCon

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW32

Project Name: Colonial
HydroCon Project #: 2017-079
Date 9-13-22

Sample I.D. MW32-U Time: 0735
Field Duplicate I.D. _____ Time: _____
Personnel: RAH

WELL INFORMATION

Monument condition: ☑ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☑ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☑ Not measured _____ ppm ☐ Odor _____
Well diameter: ☐ 2-inch ☑ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth _____ ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 13.92 ft Intake Depth (BTOC) _____ Begin Purging Well: 0719
Casing volume _____ ft (H_2O) X _____ gal/ft = _____ gal. X 3 = _____ gal.
Volume Conversion Factors: 3/4" =0.02 gal/ft 1" =0.04 gal/ft 2" =0.16 gal/ft 4" =0.65 gal/ft 6" = 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☑ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☑ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: -

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (µS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0717	13.94	0.1	17.2	629	0.68	6.72	43.3	20.85
0720			17.2	627	0.67	6.69	43.8	20.54
0723			17.2	622	0.61	6.67	42.8	18.46
0726			17.3	622	0.58	6.65	41.4	17.76
0729			17.3	622	0.55	6.64	40.3	17.11
0732			17.3	622	0.54	6.64	39.7	17.35

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40mL VOA	3	HCl	(No) 0.45 0.10	Gx BTEX
1L Amb	1	HCl	(No) 0.45 0.10	Dx
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: B1to12

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date: 9/13/22

Sample I.D.: B1to12-W Time: 0850
Field Duplicate I.D.: - Time: -
Personnel: CD

WELL INFORMATION

Monument condition: ☒ Good ☐ Needs repair ☐ Water in Monument
Well cap condition: ☒ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☒ Not measured ____ ppm ☐ Odor
Well diameter: ☐ 2-inch ☒ 4-inch ☐ 6-inch ☐ Other
Comments: Vaulted well w/ system pump

PURGING INFORMATION

Total well depth 39.97 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 14.5 - 59.5'
Depth to product - ft
Depth to water 24.44 ft Intake Depth (BTOC) 27.5' Begin Purging Well: 0831
Casing volume 15.53 ft (H_2O) X 0.65 gal/ft = ____ gal. X 3 = ____ gal.
Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☒ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☐ Non-Dedicated Bladder Other
Bailer type: Water Disposal: ☐ Drummed ☒ Remediation System ☐ Other

FIELD PARAMETERS

Odor and/or Sheen: faint odor & sheen

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0834	-		16.9	.829	1.42	6.70	-75.5	190
0837	-		16.3	.826	0.35	6.69	-84.3	172
0840	-	.150	16.3	.824	0.15	6.69	-89.6	158
0843	-		16.4	.820	0.08	6.69	-91.7	121
0846	-		16.3	.820	0.05	6.69	-93.7	115
0849	-							

Sample @ 0850

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: Tubing inserted w/o removing system pump

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40ml VOA	3	HCl	(No) 0.45 0.10	GX, BTEX+N
1 L amber	1	HCl	(No) 0.45 0.10	DX
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments:

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: BH02

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date: 9/12/22

Sample I.D.: BH02-W Time: 1050
Field Duplicate I.D.: - Time: -
Personnel: CD

WELL INFORMATION

Monument condition: ☒ Good ☐ Needs repair _____ ☐ Water in Monument
Well cap condition: ☒ Good ☐ Replaced ☐ Needs replacement ☐ Surface Water in Well
Headspace reading: ☒ Not measured _____ ppm ☐ Odor _____
Well diameter: ☒ 2-inch ☐ 4-inch ☐ 6-inch ☐ Other _____
Comments _____

PURGING INFORMATION

Total well depth 35.00 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 20-35'
Depth to product - ft
Depth to water 30.09 ft Intake Depth (BTOC) 33.5' Begin Purging Well: 1028
Casing volume 4.91 ft (H_2O) X 0.16 gal/ft = .786 gal. X 3 = 2.36 gal.
Volume Conversion Factors: 3/4"=0.02 gal/ft 1"=0.04 gal/ft 2"=0.16 gal/ft 4"=0.65 gal/ft 6"= 1.47 gal/ft

PURGING/DISPOSAL METHOD

Pump type ☐ Peristaltic ☐ Centrifugal ☐ Dedicated Bladder ☒ Non-Dedicated Bladder Other _____
Bailer type: _____ Water Disposal: ☐ Drummed ☒ Remediation System ☐ Other _____

FIELD PARAMETERS

Odor and/or Sheen: _____

Time	Water Level (BTOC)	Purge Rate (L/min)	Temp. (°C)	Sp. Cond. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1031	30.31		16.6	.845	3.55	6.59	-43.8	16.8
1034	30.49		16.0	.848	0.85	6.60	-62.1	13.7
1037	30.77	.150	16.0	.836	0.44	6.49	-64.8	10.9
1040	31.03		15.8	.827	0.31	6.47	-67.5	10.6
1043	31.27		15.9	.822	0.27	6.47	-69.8	8.9
1046	31.36		15.9	.820	0.25	6.48	-72.8	7.5
			Sample @			1050		

Stabilization achieved if three successive measurements for pH, Conductivity and Turbidity or Dissolved Oxygen are recorded within their perspective stabilization criteria. A minimum of six measurements should be recorded.
Purging Comments: _____

SAMPLE INFORMATION

Container Type	Bottle Count	Preservative	Field Filtered?	Analysis
40ml VOA	3	HCl	(No) 0.45 0.10	GX, BTEX+N
1L amber	1	HCl	(No) 0.45 0.10	DX
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

APPENDIX B

LABORATORY REPORT AND CHAIN-OF-CUSTODY DOCUMENTATION

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

Thursday, September 22, 2022

Craig Hultgren
HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

RE: A2I0436 - Coleman Wenatchee - 2017-074

Thank you for using Apex Laboratories. We greatly appreciate your business and strive to provide the highest quality services to the environmental industry.

Enclosed are the results of analyses for work order A2I0436, which was received by the laboratory on 9/14/2022 at 3:32:00PM.

If you have any questions concerning this report or the services we offer, please feel free to contact me by email at: cobrien@apex-labs.com, or by phone at 503-718-2323.

Please note: All samples will be disposed of within 30 days of sample receipt, unless prior arrangements have been made.

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	0.6 degC	Cooler #2	1.1 degC

This Final Report is the official version of the data results for this sample submission, unless superseded by a subsequent, labeled amended report.
All other deliverables derived from this data, including Electronic Data Deliverables (EDDs), CLP-like forms, client requested summary sheets, and all other products are considered secondary to this report.

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cameron O'Brien, Project Manager

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW06-W	A2I0436-01	Water	09/12/22 09:30	09/14/22 15:32
MW08-W	A2I0436-02	Water	09/12/22 11:40	09/14/22 15:32
MW09R-W	A2I0436-03	Water	09/13/22 09:00	09/14/22 15:32
MW10R-W	A2I0436-04	Water	09/12/22 12:50	09/14/22 15:32
MW11-W	A2I0436-05	Water	09/12/22 11:00	09/14/22 15:32
MW13R-W	A2I0436-06	Water	09/12/22 10:00	09/14/22 15:32
MW14-W	A2I0436-07	Water	09/12/22 10:30	09/14/22 15:32
MW17-W	A2I0436-08	Water	09/13/22 08:20	09/14/22 15:32
MW20-W	A2I0436-09	Water	09/13/22 07:35	09/14/22 15:32
MW21-W	A2I0436-10	Water	09/12/22 11:35	09/14/22 15:32
MW24-W	A2I0436-11	Water	09/12/22 12:10	09/14/22 15:32
MW28-W	A2I0436-12	Water	09/13/22 08:15	09/14/22 15:32
MW29-W	A2I0436-13	Water	09/12/22 10:10	09/14/22 15:32
MW30-W	A2I0436-14	Water	09/12/22 09:10	09/14/22 15:32
MW32-W	A2I0436-15	Water	09/13/22 07:35	09/14/22 15:32
BH01R-W	A2I0436-16	Water	09/13/22 08:50	09/14/22 15:32
BH02-W	A2I0436-17	Water	09/12/22 10:50	09/14/22 15:32
MW99-W	A2I0436-18	Water	09/12/22 09:30	09/14/22 15:32
MW100-W	A2I0436-19	Water	09/13/22 08:20	09/14/22 15:32
EQ Blank-2209	A2I0436-20	Water	09/12/22 08:05	09/14/22 15:32
TripBlank-W	A2I0436-21	Water	09/12/22 07:45	09/14/22 15:32

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW06-W (A2I0436-01)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**1180**	---	86.0	ug/L	1	09/20/22 22:30	NWTPH-Dx LL	
Oil	ND	---	172	ug/L	1	09/20/22 22:30	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 98 %*	*Limits: 50-150 %*		*1*	*09/20/22 22:30*	*NWTPH-Dx LL*	
MW08-W (A2I0436-02)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**1520**	---	81.6	ug/L	1	09/20/22 22:51	NWTPH-Dx LL	
Oil	ND	---	163	ug/L	1	09/20/22 22:51	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 91 %*	*Limits: 50-150 %*		*1*	*09/20/22 22:51*	*NWTPH-Dx LL*	
MW09R-W (A2I0436-03)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**2530**	---	78.4	ug/L	1	09/20/22 23:11	NWTPH-Dx LL	
Oil	ND	---	157	ug/L	1	09/20/22 23:11	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 90 %*	*Limits: 50-150 %*		*1*	*09/20/22 23:11*	*NWTPH-Dx LL*	
MW10R-W (A2I0436-04)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**1530**	---	76.2	ug/L	1	09/20/22 23:32	NWTPH-Dx LL	
Oil	ND	---	152	ug/L	1	09/20/22 23:32	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 93 %*	*Limits: 50-150 %*		*1*	*09/20/22 23:32*	*NWTPH-Dx LL*	
MW11-W (A2I0436-05)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**1920**	---	77.7	ug/L	1	09/20/22 23:52	NWTPH-Dx LL	
Oil	ND	---	155	ug/L	1	09/20/22 23:52	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 86 %*	*Limits: 50-150 %*		*1*	*09/20/22 23:52*	*NWTPH-Dx LL*	
MW13R-W (A2I0436-06)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**1770**	---	80.8	ug/L	1	09/21/22 00:13	NWTPH-Dx LL	**F-11**
Oil	ND	---	162	ug/L	1	09/21/22 00:13	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 89 %*	*Limits: 50-150 %*		*1*	*09/21/22 00:13*	*NWTPH-Dx LL*	
MW14-W (A2I0436-07)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**1040**	---	80.0	ug/L	1	09/21/22 00:34	NWTPH-Dx LL	**F-11, F-20**
Oil	ND	---	160	ug/L	1	09/21/22 00:34	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 79 %*	*Limits: 50-150 %*		*1*	*09/21/22 00:34*	*NWTPH-Dx LL*	
MW17-W (A2I0436-08)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**1490**	---	95.2	ug/L	1	09/21/22 00:54	NWTPH-Dx LL	

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Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW17-W (A2I0436-08)				**Matrix: Water**		**Batch: 22I0591**		
Oil	ND	---	190	ug/L	1	09/21/22 00:54	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 70 %*		*Limits: 50-150 %*	*1*	*09/21/22 00:54*	*NWTPH-Dx LL*	
MW20-W (A2I0436-09)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**1320**	---	77.7	ug/L	1	09/21/22 01:14	NWTPH-Dx LL	
Oil	ND	---	155	ug/L	1	09/21/22 01:14	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 81 %*		*Limits: 50-150 %*	*1*	*09/21/22 01:14*	*NWTPH-Dx LL*	
MW21-W (A2I0436-10)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**1210**	---	76.9	ug/L	1	09/21/22 02:57	NWTPH-Dx LL	
Oil	ND	---	154	ug/L	1	09/21/22 02:57	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 94 %*		*Limits: 50-150 %*	*1*	*09/21/22 02:57*	*NWTPH-Dx LL*	
MW24-W (A2I0436-11)				**Matrix: Water**		**Batch: 22I0628**		
Diesel	**694**	---	76.2	ug/L	1	09/21/22 07:03	NWTPH-Dx LL	
Oil	ND	---	152	ug/L	1	09/21/22 07:03	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 91 %*		*Limits: 50-150 %*	*1*	*09/21/22 07:03*	*NWTPH-Dx LL*	
MW28-W (A2I0436-12)				**Matrix: Water**		**Batch: 22I0628**		
Diesel	**1110**	---	77.7	ug/L	1	09/21/22 07:23	NWTPH-Dx LL	
Oil	ND	---	155	ug/L	1	09/21/22 07:23	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 87 %*		*Limits: 50-150 %*	*1*	*09/21/22 07:23*	*NWTPH-Dx LL*	
MW29-W (A2I0436-13)				**Matrix: Water**		**Batch: 22I0628**		
Diesel	**5430**	---	78.4	ug/L	1	09/21/22 07:44	NWTPH-Dx LL	
Oil	ND	---	157	ug/L	1	09/21/22 07:44	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 83 %*		*Limits: 50-150 %*	*1*	*09/21/22 07:44*	*NWTPH-Dx LL*	
MW30-W (A2I0436-14)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**672**	---	76.9	ug/L	1	09/21/22 03:18	NWTPH-Dx LL	
Oil	ND	---	154	ug/L	1	09/21/22 03:18	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 102 %*		*Limits: 50-150 %*	*1*	*09/21/22 03:18*	*NWTPH-Dx LL*	
MW32-W (A2I0436-15)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**7920**	---	76.2	ug/L	1	09/21/22 03:38	NWTPH-Dx LL	
Oil	ND	---	152	ug/L	1	09/21/22 03:38	NWTPH-Dx LL	

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Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW32-W (A2I0436-15)				**Matrix: Water**		**Batch: 22I0591**		
Surrogate: o-Terphenyl (Surr)		*Recovery: 77 %*	*Limits: 50-150 %*		*1*	*09/21/22 03:38*	*NWTPH-Dx LL*	
BH01R-W (A2I0436-16)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**2660**	---	76.9	ug/L	1	09/21/22 03:59	NWTPH-Dx LL	
Oil	ND	---	154	ug/L	1	09/21/22 03:59	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 82 %*	*Limits: 50-150 %*		*1*	*09/21/22 03:59*	*NWTPH-Dx LL*	
BH02-W (A2I0436-17)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**3350**	---	76.2	ug/L	1	09/21/22 04:19	NWTPH-Dx LL	
Oil	ND	---	152	ug/L	1	09/21/22 04:19	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 84 %*	*Limits: 50-150 %*		*1*	*09/21/22 04:19*	*NWTPH-Dx LL*	
MW99-W (A2I0436-18)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**1550**	---	86.0	ug/L	1	09/21/22 04:40	NWTPH-Dx LL	
Oil	ND	---	172	ug/L	1	09/21/22 04:40	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 101 %*	*Limits: 50-150 %*		*1*	*09/21/22 04:40*	*NWTPH-Dx LL*	
MW100-W (A2I0436-19)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	**2000**	---	76.2	ug/L	1	09/21/22 05:00	NWTPH-Dx LL	
Oil	ND	---	152	ug/L	1	09/21/22 05:00	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 76 %*	*Limits: 50-150 %*		*1*	*09/21/22 05:00*	*NWTPH-Dx LL*	
EQ Blank-2209 (A2I0436-20RE1)				**Matrix: Water**		**Batch: 22I0591**		
Diesel	ND	---	76.9	ug/L	1	09/21/22 11:07	NWTPH-Dx LL	
Oil	ND	---	154	ug/L	1	09/21/22 11:07	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 73 %*	*Limits: 50-150 %*		*1*	*09/21/22 11:07*	*NWTPH-Dx LL*	

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ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW06-W (A2I0436-01)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**213**	---	100	ug/L	1	09/16/22 12:11	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 109 %*	*Limits: 50-150 %*		*1*	*09/16/22 12:11*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*118 %*	*50-150 %*	*1*	*09/16/22 12:11*	*NWTPH-Gx (MS)*	
MW08-W (A2I0436-02)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**468**	---	100	ug/L	1	09/16/22 12:38	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 108 %*	*Limits: 50-150 %*		*1*	*09/16/22 12:38*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*117 %*	*50-150 %*	*1*	*09/16/22 12:38*	*NWTPH-Gx (MS)*	
MW09R-W (A2I0436-03)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**965**	---	100	ug/L	1	09/16/22 13:05	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 106 %*	*Limits: 50-150 %*		*1*	*09/16/22 13:05*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*116 %*	*50-150 %*	*1*	*09/16/22 13:05*	*NWTPH-Gx (MS)*	
MW10R-W (A2I0436-04)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**829**	---	100	ug/L	1	09/16/22 14:00	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 106 %*	*Limits: 50-150 %*		*1*	*09/16/22 14:00*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*113 %*	*50-150 %*	*1*	*09/16/22 14:00*	*NWTPH-Gx (MS)*	
MW11-W (A2I0436-05)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**517**	---	100	ug/L	1	09/16/22 14:27	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 106 %*	*Limits: 50-150 %*		*1*	*09/16/22 14:27*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*113 %*	*50-150 %*	*1*	*09/16/22 14:27*	*NWTPH-Gx (MS)*	
MW13R-W (A2I0436-06)				**Matrix: Water**		**Batch: 22I0438**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/15/22 17:42	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 98 %*	*Limits: 50-150 %*		*1*	*09/15/22 17:42*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*111 %*	*50-150 %*	*1*	*09/15/22 17:42*	*NWTPH-Gx (MS)*	
MW14-W (A2I0436-07)				**Matrix: Water**		**Batch: 22I0438**		
Gasoline Range Organics	**4480**	---	100	ug/L	1	09/15/22 18:26	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 112 %*	*Limits: 50-150 %*		*1*	*09/15/22 18:26*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*113 %*	*50-150 %*	*1*	*09/15/22 18:26*	*NWTPH-Gx (MS)*	
MW17-W (A2I0436-08)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**365**	---	100	ug/L	1	09/16/22 14:54	NWTPH-Gx (MS)	

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ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW17-W (A2I0436-08)				**Matrix: Water**		**Batch: 22I0489**		
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 99 %*	*Limits: 50-150 %*	*1*	*09/16/22 14:54*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*111 %*	*50-150 %*	*1*	*09/16/22 14:54*	*NWTPH-Gx (MS)*	
MW20-W (A2I0436-09)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**916**	---	100	ug/L	1	09/16/22 15:21	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 104 %*	*Limits: 50-150 %*	*1*	*09/16/22 15:21*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*112 %*	*50-150 %*	*1*	*09/16/22 15:21*	*NWTPH-Gx (MS)*	
MW21-W (A2I0436-10)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**686**	---	100	ug/L	1	09/16/22 15:48	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 99 %*	*Limits: 50-150 %*	*1*	*09/16/22 15:48*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*110 %*	*50-150 %*	*1*	*09/16/22 15:48*	*NWTPH-Gx (MS)*	
MW24-W (A2I0436-11)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/16/22 16:16	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 102 %*	*Limits: 50-150 %*	*1*	*09/16/22 16:16*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*113 %*	*50-150 %*	*1*	*09/16/22 16:16*	*NWTPH-Gx (MS)*	
MW28-W (A2I0436-12)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**263**	---	100	ug/L	1	09/16/22 17:10	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 103 %*	*Limits: 50-150 %*	*1*	*09/16/22 17:10*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*113 %*	*50-150 %*	*1*	*09/16/22 17:10*	*NWTPH-Gx (MS)*	
MW29-W (A2I0436-13)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**299**	---	100	ug/L	1	09/16/22 17:37	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 104 %*	*Limits: 50-150 %*	*1*	*09/16/22 17:37*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*113 %*	*50-150 %*	*1*	*09/16/22 17:37*	*NWTPH-Gx (MS)*	
MW30-W (A2I0436-14)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/16/22 18:04	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 102 %*	*Limits: 50-150 %*	*1*	*09/16/22 18:04*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*112 %*	*50-150 %*	*1*	*09/16/22 18:04*	*NWTPH-Gx (MS)*	
MW32-W (A2I0436-15)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/16/22 18:32	NWTPH-Gx (MS)	

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ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW32-W (A2I0436-15)				**Matrix: Water**		**Batch: 22I0489**		
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 98 %*	*Limits: 50-150 %*	*1*	*09/16/22 18:32*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*110 %*	*50-150 %*	*1*	*09/16/22 18:32*	*NWTPH-Gx (MS)*	
BH01R-W (A2I0436-16)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**499**	---	100	ug/L	1	09/16/22 18:59	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 104 %*	*Limits: 50-150 %*	*1*	*09/16/22 18:59*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*113 %*	*50-150 %*	*1*	*09/16/22 18:59*	*NWTPH-Gx (MS)*	
BH02-W (A2I0436-17)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**300**	---	100	ug/L	1	09/16/22 19:53	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 104 %*	*Limits: 50-150 %*	*1*	*09/16/22 19:53*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*113 %*	*50-150 %*	*1*	*09/16/22 19:53*	*NWTPH-Gx (MS)*	
MW99-W (A2I0436-18)				**Matrix: Water**		**Batch: 22I0489**		
Gasoline Range Organics	**200**	---	100	ug/L	1	09/16/22 19:26	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 102 %*	*Limits: 50-150 %*	*1*	*09/16/22 19:26*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*112 %*	*50-150 %*	*1*	*09/16/22 19:26*	*NWTPH-Gx (MS)*	
MW100-W (A2I0436-19)				**Matrix: Water**		**Batch: 22I0498**		
Gasoline Range Organics	**344**	---	100	ug/L	1	09/17/22 02:13	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 98 %*	*Limits: 50-150 %*	*1*	*09/17/22 02:13*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*115 %*	*50-150 %*	*1*	*09/17/22 02:13*	*NWTPH-Gx (MS)*	
EQ Blank-2209 (A2I0436-20)				**Matrix: Water**		**Batch: 22I0498**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/17/22 02:41	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 101 %*	*Limits: 50-150 %*	*1*	*09/17/22 02:41*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*116 %*	*50-150 %*	*1*	*09/17/22 02:41*	*NWTPH-Gx (MS)*	

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW06-W (A2I0436-01)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 12:11	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 12:11	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 12:11	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 12:11	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits: 80-120 %*	*1*	*09/16/22 12:11*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*09/16/22 12:11*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*95 %*	*80-120 %*	*1*	*09/16/22 12:11*	*EPA 8260D*	
MW08-W (A2I0436-02)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 12:38	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 12:38	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 12:38	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 12:38	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits: 80-120 %*	*1*	*09/16/22 12:38*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*09/16/22 12:38*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*93 %*	*80-120 %*	*1*	*09/16/22 12:38*	*EPA 8260D*	
MW09R-W (A2I0436-03)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 13:05	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 13:05	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 13:05	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 13:05	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*107 %*	*Limits: 80-120 %*	*1*	*09/16/22 13:05*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*09/16/22 13:05*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*92 %*	*80-120 %*	*1*	*09/16/22 13:05*	*EPA 8260D*	
MW10R-W (A2I0436-04)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 14:00	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 14:00	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 14:00	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 14:00	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*09/16/22 14:00*	*EPA 8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*09/16/22 14:00*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*09/16/22 14:00*	*EPA 8260D*	
MW11-W (A2I0436-05)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 14:27	EPA 8260D	

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW11-W (A2I0436-05)				**Matrix: Water**		**Batch: 22I0489**		
Toluene	ND	---	1.00	ug/L	1	09/16/22 14:27	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 14:27	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 14:27	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*09/16/22 14:27*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*09/16/22 14:27*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*93 %*	*80-120 %*	*1*	*09/16/22 14:27*	*EPA 8260D*	
MW13R-W (A2I0436-06)				**Matrix: Water**		**Batch: 22I0438**		
Benzene	ND	---	0.200	ug/L	1	09/15/22 17:42	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/15/22 17:42	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/15/22 17:42	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/15/22 17:42	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*98 %*	*Limits: 80-120 %*	*1*	*09/15/22 17:42*	*EPA 8260D*	
Toluene-d8 (Surr)			*105 %*	*80-120 %*	*1*	*09/15/22 17:42*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*99 %*	*80-120 %*	*1*	*09/15/22 17:42*	*EPA 8260D*	
MW14-W (A2I0436-07)				**Matrix: Water**		**Batch: 22I0438**		
Benzene	**1.86**	---	0.200	ug/L	1	09/15/22 18:26	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/15/22 18:26	EPA 8260D	
Ethylbenzene	**3.03**	---	0.500	ug/L	1	09/15/22 18:26	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/15/22 18:26	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*99 %*	*Limits: 80-120 %*	*1*	*09/15/22 18:26*	*EPA 8260D*	
Toluene-d8 (Surr)			*110 %*	*80-120 %*	*1*	*09/15/22 18:26*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*99 %*	*80-120 %*	*1*	*09/15/22 18:26*	*EPA 8260D*	
MW17-W (A2I0436-08)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 14:54	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 14:54	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 14:54	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 14:54	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*09/16/22 14:54*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*09/16/22 14:54*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*09/16/22 14:54*	*EPA 8260D*	
MW20-W (A2I0436-09)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 15:21	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 15:21	EPA 8260D	

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Cameron O'Brien, Project Manager

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ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW20-W (A2I0436-09)				**Matrix: Water**		**Batch: 22I0489**		
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 15:21	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 15:21	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits: 80-120 %*	*1*	*09/16/22 15:21*	*EPA 8260D*	
Toluene-d8 (Surr)			*100 %*	*80-120 %*	*1*	*09/16/22 15:21*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*09/16/22 15:21*	*EPA 8260D*	
MW21-W (A2I0436-10)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 15:48	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 15:48	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 15:48	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 15:48	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*09/16/22 15:48*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*09/16/22 15:48*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*97 %*	*80-120 %*	*1*	*09/16/22 15:48*	*EPA 8260D*	
MW24-W (A2I0436-11)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 16:16	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 16:16	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 16:16	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 16:16	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits: 80-120 %*	*1*	*09/16/22 16:16*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*09/16/22 16:16*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*95 %*	*80-120 %*	*1*	*09/16/22 16:16*	*EPA 8260D*	
MW28-W (A2I0436-12)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 17:10	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 17:10	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 17:10	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 17:10	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits: 80-120 %*	*1*	*09/16/22 17:10*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*09/16/22 17:10*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*09/16/22 17:10*	*EPA 8260D*	
MW29-W (A2I0436-13)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 17:37	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 17:37	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 17:37	EPA 8260D	

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Cameron O'Brien, Project Manager

APEX LABORATORIES

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW29-W (A2I0436-13)				**Matrix: Water**		**Batch: 22I0489**		
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 17:37	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*09/16/22 17:37*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*09/16/22 17:37*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*09/16/22 17:37*	*EPA 8260D*	
MW30-W (A2I0436-14)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 18:04	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 18:04	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 18:04	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 18:04	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*09/16/22 18:04*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*09/16/22 18:04*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*09/16/22 18:04*	*EPA 8260D*	
MW32-W (A2I0436-15)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 18:32	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 18:32	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 18:32	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 18:32	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits: 80-120 %*	*1*	*09/16/22 18:32*	*EPA 8260D*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*09/16/22 18:32*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*09/16/22 18:32*	*EPA 8260D*	
BH01R-W (A2I0436-16)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 18:59	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 18:59	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 18:59	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 18:59	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*09/16/22 18:59*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*09/16/22 18:59*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*95 %*	*80-120 %*	*1*	*09/16/22 18:59*	*EPA 8260D*	
BH02-W (A2I0436-17)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 19:53	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 19:53	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 19:53	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 19:53	EPA 8260D	

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Cameron O'Brien, Project Manager

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ORELAP ID: **OR100062**

ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
BH02-W (A2I0436-17)				**Matrix: Water**		**Batch: 22I0489**		
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*09/16/22 19:53*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*09/16/22 19:53*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*93 %*	*80-120 %*	*1*	*09/16/22 19:53*	*EPA 8260D*	
MW99-W (A2I0436-18)				**Matrix: Water**		**Batch: 22I0489**		
Benzene	ND	---	0.200	ug/L	1	09/16/22 19:26	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/16/22 19:26	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/16/22 19:26	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/16/22 19:26	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*09/16/22 19:26*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*09/16/22 19:26*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*95 %*	*80-120 %*	*1*	*09/16/22 19:26*	*EPA 8260D*	
MW100-W (A2I0436-19)				**Matrix: Water**		**Batch: 22I0498**		
Benzene	ND	---	0.200	ug/L	1	09/17/22 02:13	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/17/22 02:13	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/17/22 02:13	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/17/22 02:13	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*09/17/22 02:13*	*EPA 8260D*	
Toluene-d8 (Surr)			*105 %*	*80-120 %*	*1*	*09/17/22 02:13*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*09/17/22 02:13*	*EPA 8260D*	
EQ Blank-2209 (A2I0436-20)				**Matrix: Water**		**Batch: 22I0498**		
Benzene	ND	---	0.200	ug/L	1	09/17/22 02:41	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/17/22 02:41	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/17/22 02:41	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/17/22 02:41	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*09/17/22 02:41*	*EPA 8260D*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*09/17/22 02:41*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*94 %*	*80-120 %*	*1*	*09/17/22 02:41*	*EPA 8260D*	
TripBlank-W (A2I0436-21)				**Matrix: Water**		**Batch: 22I0498**		
Benzene	ND	---	0.200	ug/L	1	09/17/22 01:46	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/17/22 01:46	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/17/22 01:46	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/17/22 01:46	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*09/17/22 01:46*	*EPA 8260D*	

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ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
TripBlank-W (A2I0436-21)				**Matrix: Water**		**Batch: 22I0498**		
Surrogate: Toluene-d8 (Surr)		*Recovery:*	*104 %*	*Limits: 80-120 %*	*1*	*09/17/22 01:46*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*95 %*	*80-120 %*	*1*	*09/17/22 01:46*	*EPA 8260D*	

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ANALYTICAL REPORT

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314 W 15th Street Suite 300	Project Number: 2017-074	Report ID:
Vancouver, WA 98660	Project Manager: Craig Hultgren	A2I0436 - 09 22 22 1232

QUALITY CONTROL (QC) SAMPLE RESULTS

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22I0591 - EPA 3510C (Fuels/Acid Ext.)									Water			
Blank (22I0591-BLK1)		Prepared: 09/20/22 06:55		Analyzed: 09/20/22 20:26								
NWTPH-Dx LL												
Diesel	ND	---	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	---	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 92 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (22I0591-BS1)		Prepared: 09/20/22 06:55		Analyzed: 09/20/22 20:47								
NWTPH-Dx LL												
Diesel	444	---	80.0	ug/L	1	500	---	89	36 - 132%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 101 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS Dup (22I0591-BSD1)		Prepared: 09/20/22 06:55		Analyzed: 09/20/22 21:07								**Q-19**
NWTPH-Dx LL												
Diesel	442	---	80.0	ug/L	1	500	---	88	36 - 132%	0.6	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 99 %*		*Limits: 50-150 %*			*Dilution: 1x*					
Batch 22I0628 - EPA 3510C (Fuels/Acid Ext.)									Water			
Blank (22I0628-BLK2)		Prepared: 09/20/22 13:44		Analyzed: 09/21/22 10:43								
NWTPH-Dx LL												
Diesel	ND	---	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	---	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 80 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (22I0628-BS1)		Prepared: 09/20/22 13:44		Analyzed: 09/21/22 06:22								
NWTPH-Dx LL												
Diesel	359	---	80.0	ug/L	1	500	---	72	36 - 132%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 101 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS Dup (22I0628-BSD1)		Prepared: 09/20/22 13:44		Analyzed: 09/21/22 06:42								**Q-19**
NWTPH-Dx LL												
Diesel	390	---	80.0	ug/L	1	500	---	78	36 - 132%	8	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 116 %*		*Limits: 50-150 %*			*Dilution: 1x*					

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Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22I0438 - EPA 5030C									Water			
Blank (22I0438-BLK1)		Prepared: 09/15/22 08:12		Analyzed: 09/15/22 15:28								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 98 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*112 %*		*50-150 %*			*"*					
LCS (22I0438-BS2)		Prepared: 09/15/22 08:12		Analyzed: 09/15/22 15:06								
NWTPH-Gx (MS)												
Gasoline Range Organics	587	---	100	ug/L	1	500	---	117	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 103 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*111 %*		*50-150 %*			*"*					
Duplicate (22I0438-DUP1)		Prepared: 09/15/22 15:12		Analyzed: 09/15/22 18:04								
QC Source Sample: MW13R-W (A2I0436-06)												
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	ND	---	---	---	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 100 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*110 %*		*50-150 %*			*"*					

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Vancouver, WA 98660	Project Manager: Craig Hultgren	A2I0436 - 09 22 22 1232

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22I0489 - EPA 5030C									Water			
Blank (22I0489-BLK1)		Prepared: 09/16/22 09:00		Analyzed: 09/16/22 11:17								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*118 %*		*50-150 %*			*"*					
LCS (22I0489-BS2)		Prepared: 09/16/22 09:00		Analyzed: 09/16/22 10:50								
NWTPH-Gx (MS)												
Gasoline Range Organics	552	---	100	ug/L	1	500	---	110	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 98 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*110 %*		*50-150 %*			*"*					
Duplicate (22I0489-DUP1)		Prepared: 09/16/22 09:58		Analyzed: 09/16/22 13:33								
QC Source Sample: MW09R-W (A2I0436-03)												
NWTPH-Gx (MS)												
Gasoline Range Organics	**967**	---	100	ug/L	1	---	965	---	---	0.3	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*115 %*		*50-150 %*			*"*					
Duplicate (22I0489-DUP2)		Prepared: 09/16/22 09:58		Analyzed: 09/16/22 16:43								
QC Source Sample: MW24-W (A2I0436-11)												
NWTPH-Gx (MS)												
Gasoline Range Organics	**105**	---	100	ug/L	1	---	97.8	---	---	7	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 102 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*113 %*		*50-150 %*			*"*					

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ANALYTICAL REPORT

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Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

QUALITY CONTROL (QC) SAMPLE RESULTS

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22I0498 - EPA 5030C									Water			
Blank (22I0498-BLK1)		Prepared: 09/16/22 08:05		Analyzed: 09/17/22 00:52								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 99 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*115 %*		*50-150 %*			*"*					
LCS (22I0498-BS2)		Prepared: 09/16/22 08:05		Analyzed: 09/17/22 00:25								
NWTPH-Gx (MS)												
Gasoline Range Organics	510	---	100	ug/L	1	500	---	102	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 96 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*109 %*		*50-150 %*			*"*					

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ANALYTICAL REPORT

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QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22I0438 - EPA 5030C												**Water**
Blank (22I0438-BLK1)		Prepared: 09/15/22 08:12		Analyzed: 09/15/22 15:28								
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Xylenes, total	ND	---	1.50	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 99 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*104 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*100 %*		*80-120 %*			*"*					
LCS (22I0438-BS1)		Prepared: 09/15/22 08:12		Analyzed: 09/15/22 14:07								
EPA 8260D												
Benzene	21.1	---	0.200	ug/L	1	20.0	---	105	80 - 120%	---	---	
Toluene	21.0	---	1.00	ug/L	1	20.0	---	105	80 - 120%	---	---	
Ethylbenzene	21.7	---	0.500	ug/L	1	20.0	---	109	80 - 120%	---	---	
Xylenes, total	65.5	---	1.50	ug/L	1	60.0	---	109	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 99 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*103 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*94 %*		*80-120 %*			*"*					
Duplicate (22I0438-DUP1)		Prepared: 09/15/22 15:12		Analyzed: 09/15/22 18:04								
QC Source Sample: MW13R-W (A2I0436-06)												
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	ND	---	---	---	30%	
Toluene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Xylenes, total	ND	---	1.50	ug/L	1	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 98 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*104 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*99 %*		*80-120 %*			*"*					
Matrix Spike (22I0438-MS1)		Prepared: 09/15/22 15:12		Analyzed: 09/15/22 18:48								
QC Source Sample: MW14-W (A2I0436-07)												
EPA 8260D												

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Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22I0438 - EPA 5030C												**Water**
Matrix Spike (22I0438-MS1)		Prepared: 09/15/22 15:12		Analyzed: 09/15/22 18:48								
QC Source Sample: MW14-W (A2I0436-07)												
Benzene	20.2	---	0.200	ug/L	1	20.0	1.86	92	79 - 120%	---	---	
Toluene	18.6	---	1.00	ug/L	1	20.0	ND	93	80 - 121%	---	---	
Ethylbenzene	21.4	---	0.500	ug/L	1	20.0	3.03	92	79 - 121%	---	---	
Xylenes, total	57.1	---	1.50	ug/L	1	60.0	ND	95	79 - 121%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 99 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*107 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*92 %*		*80-120 %*			*"*					

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QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22I0489 - EPA 5030C												**Water**
Blank (22I0489-BLK1)		Prepared: 09/16/22 09:00		Analyzed: 09/16/22 11:17								
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Xylenes, total	ND	---	1.50	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*109 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*105 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*96 %*		*80-120 %*			*"*				
LCS (22I0489-BS1)		Prepared: 09/16/22 09:00		Analyzed: 09/16/22 10:22								
EPA 8260D												
Benzene	19.5	---	0.200	ug/L	1	20.0	---	98	80 - 120%	---	---	
Toluene	19.2	---	1.00	ug/L	1	20.0	---	96	80 - 120%	---	---	
Ethylbenzene	20.8	---	0.500	ug/L	1	20.0	---	104	80 - 120%	---	---	
Xylenes, total	59.9	---	1.50	ug/L	1	60.0	---	100	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*101 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*87 %*		*80-120 %*			*"*				
Duplicate (22I0489-DUP1)		Prepared: 09/16/22 09:58		Analyzed: 09/16/22 13:33								
QC Source Sample: MW09R-W (A2I0436-03)												
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	ND	---	---	---	30%	
Toluene	ND	---	1.00	ug/L	1	---	0.580	---	---	***	30%	
Ethylbenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Xylenes, total	ND	---	1.50	ug/L	1	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*103 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*93 %*		*80-120 %*			*"*				
Duplicate (22I0489-DUP2)		Prepared: 09/16/22 09:58		Analyzed: 09/16/22 16:43								
QC Source Sample: MW24-W (A2I0436-11)												
EPA 8260D												

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Cameron O'Brien, Project Manager

Apex Laboratories, LLC
6700 S.W. Sandburg Street
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ORELAP ID: OR100062

ANALYTICAL REPORT

HydroCon LLC	Project:	Coleman Wenatchee
314 W 15th Street Suite 300	Project Number:	2017-074
Vancouver, WA 98660	Project Manager:	Craig Hultgren

Report ID:
A2I0436 - 09 22 22 1232

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22I0489 - EPA 5030C												**Water**
Duplicate (22I0489-DUP2)		Prepared: 09/16/22 09:58		Analyzed: 09/16/22 16:43								
QC Source Sample: MW24-W (A2I0436-11)												
Benzene	ND	---	0.200	ug/L	1	---	ND	---	---	---	30%	
Toluene	ND	---	1.00	ug/L	1	---	ND	---	---	---	30%	
Ethylbenzene	ND	---	0.500	ug/L	1	---	ND	---	---	---	30%	
Xylenes, total	ND	---	1.50	ug/L	1	---	ND	---	---	---	30%	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*103 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*102 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*95 %*		*80-120 %*			*"*				
Matrix Spike (22I0489-MS1)		Prepared: 09/16/22 09:58		Analyzed: 09/16/22 20:20								
QC Source Sample: BH02-W (A2I0436-17)												
EPA 8260D												
Benzene	21.2	---	0.200	ug/L	1	20.0	ND	106	79 - 120%	---	---	
Toluene	20.7	---	1.00	ug/L	1	20.0	ND	104	80 - 121%	---	---	
Ethylbenzene	22.1	---	0.500	ug/L	1	20.0	ND	111	79 - 121%	---	---	
Xylenes, total	65.8	---	1.50	ug/L	1	60.0	ND	110	79 - 121%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*99 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*99 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*90 %*		*80-120 %*			*"*				

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ANALYTICAL REPORT

HydroCon LLC	Project: Coleman Wenatchee	
314 W 15th Street Suite 300	Project Number: 2017-074	Report ID:
Vancouver, WA 98660	Project Manager: Craig Hultgren	A2I0436 - 09 22 22 1232

QUALITY CONTROL (QC) SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Result	Detection Limit	Reporting Limit	Units	Dilution	Spike Amount	Source Result	% REC	% REC Limits	RPD	RPD Limit	Notes
Batch 22I0498 - EPA 5030C												Water
Blank (22I0498-BLK1)		Prepared: 09/16/22 08:05		Analyzed: 09/17/22 00:52								
EPA 8260D												
Benzene	ND	---	0.200	ug/L	1	---	---	---	---	---	---	
Toluene	ND	---	1.00	ug/L	1	---	---	---	---	---	---	
Ethylbenzene	ND	---	0.500	ug/L	1	---	---	---	---	---	---	
Xylenes, total	ND	---	1.50	ug/L	1	---	---	---	---	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*104 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*95 %*		*80-120 %*			*"*				
LCS (22I0498-BS1)		Prepared: 09/16/22 08:05		Analyzed: 09/16/22 23:58								
EPA 8260D												
Benzene	21.1	---	0.200	ug/L	1	20.0	---	105	80 - 120%	---	---	
Toluene	20.4	---	1.00	ug/L	1	20.0	---	102	80 - 120%	---	---	
Ethylbenzene	22.3	---	0.500	ug/L	1	20.0	---	112	80 - 120%	---	---	
Xylenes, total	64.8	---	1.50	ug/L	1	60.0	---	108	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*100 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*100 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*88 %*		*80-120 %*			*"*				
Matrix Spike (22I0498-MS1)		Prepared: 09/16/22 11:05		Analyzed: 09/17/22 03:08								
QC Source Sample: EQ Blank-2209 (A2I0436-20)												
EPA 8260D												
Benzene	21.6	---	0.200	ug/L	1	20.0	ND	108	79 - 120%	---	---	
Toluene	21.2	---	1.00	ug/L	1	20.0	ND	106	80 - 121%	---	---	
Ethylbenzene	22.8	---	0.500	ug/L	1	20.0	ND	114	79 - 121%	---	---	
Xylenes, total	66.4	---	1.50	ug/L	1	60.0	ND	111	79 - 121%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*100 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*88 %*		*80-120 %*			*"*				

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ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

SAMPLE PREPARATION INFORMATION

Diesel and/or Oil Hydrocarbons by NWTPH-Dx

Prep: EPA 3510C (Fuels/Acid Ext.)

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 22I0591							
A2I0436-01	Water	NWTPH-Dx LL	09/12/22 09:30	09/20/22 06:55	930mL/2mL	1000mL/2mL	1.08
A2I0436-02	Water	NWTPH-Dx LL	09/12/22 11:40	09/20/22 06:55	980mL/2mL	1000mL/2mL	1.02
A2I0436-03	Water	NWTPH-Dx LL	09/13/22 09:00	09/20/22 06:55	1020mL/2mL	1000mL/2mL	0.98
A2I0436-04	Water	NWTPH-Dx LL	09/12/22 12:50	09/20/22 06:55	1050mL/2mL	1000mL/2mL	0.95
A2I0436-05	Water	NWTPH-Dx LL	09/12/22 11:00	09/20/22 06:55	1030mL/2mL	1000mL/2mL	0.97
A2I0436-06	Water	NWTPH-Dx LL	09/12/22 10:00	09/20/22 06:55	990mL/2mL	1000mL/2mL	1.01
A2I0436-07	Water	NWTPH-Dx LL	09/12/22 10:30	09/20/22 06:55	1000mL/2mL	1000mL/2mL	1.00
A2I0436-08	Water	NWTPH-Dx LL	09/13/22 08:20	09/20/22 06:55	840mL/2mL	1000mL/2mL	1.19
A2I0436-09	Water	NWTPH-Dx LL	09/13/22 07:35	09/20/22 06:55	1030mL/2mL	1000mL/2mL	0.97
A2I0436-10	Water	NWTPH-Dx LL	09/12/22 11:35	09/20/22 06:55	1040mL/2mL	1000mL/2mL	0.96
A2I0436-14	Water	NWTPH-Dx LL	09/12/22 09:10	09/20/22 13:37	1040mL/2mL	1000mL/2mL	0.96
A2I0436-15	Water	NWTPH-Dx LL	09/13/22 07:35	09/20/22 13:37	1050mL/2mL	1000mL/2mL	0.95
A2I0436-16	Water	NWTPH-Dx LL	09/13/22 08:50	09/20/22 13:37	1040mL/2mL	1000mL/2mL	0.96
A2I0436-17	Water	NWTPH-Dx LL	09/12/22 10:50	09/20/22 13:37	1050mL/2mL	1000mL/2mL	0.95
A2I0436-18	Water	NWTPH-Dx LL	09/12/22 09:30	09/20/22 13:37	930mL/2mL	1000mL/2mL	1.08
A2I0436-19	Water	NWTPH-Dx LL	09/13/22 08:20	09/20/22 13:37	1050mL/2mL	1000mL/2mL	0.95
A2I0436-20RE1	Water	NWTPH-Dx LL	09/12/22 08:05	09/20/22 13:37	1040mL/2mL	1000mL/2mL	0.96
Batch: 22I0628							
A2I0436-11	Water	NWTPH-Dx LL	09/12/22 12:10	09/20/22 13:44	1050mL/2mL	1000mL/2mL	0.95
A2I0436-12	Water	NWTPH-Dx LL	09/13/22 08:15	09/20/22 13:44	1030mL/2mL	1000mL/2mL	0.97
A2I0436-13	Water	NWTPH-Dx LL	09/12/22 10:10	09/20/22 13:44	1020mL/2mL	1000mL/2mL	0.98

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 22I0438							
A2I0436-06	Water	NWTPH-Gx (MS)	09/12/22 10:00	09/15/22 15:12	5mL/5mL	5mL/5mL	1.00
A2I0436-07	Water	NWTPH-Gx (MS)	09/12/22 10:30	09/15/22 15:12	5mL/5mL	5mL/5mL	1.00
Batch: 22I0489							
A2I0436-01	Water	NWTPH-Gx (MS)	09/12/22 09:30	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-02	Water	NWTPH-Gx (MS)	09/12/22 11:40	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-03	Water	NWTPH-Gx (MS)	09/13/22 09:00	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-04	Water	NWTPH-Gx (MS)	09/12/22 12:50	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-05	Water	NWTPH-Gx (MS)	09/12/22 11:00	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00

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ANALYTICAL REPORT

HydroCon LLC	Project: Coleman Wenatchee	
314 W 15th Street Suite 300	Project Number: 2017-074	Report ID:
Vancouver, WA 98660	Project Manager: Craig Hultgren	A2I0436 - 09 22 22 1232

SAMPLE PREPARATION INFORMATION

Gasoline Range Hydrocarbons (Benzene through Naphthalene) by NWTPH-Gx

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A2I0436-08	Water	NWTPH-Gx (MS)	09/13/22 08:20	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-09	Water	NWTPH-Gx (MS)	09/13/22 07:35	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-10	Water	NWTPH-Gx (MS)	09/12/22 11:35	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-11	Water	NWTPH-Gx (MS)	09/12/22 12:10	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-12	Water	NWTPH-Gx (MS)	09/13/22 08:15	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-13	Water	NWTPH-Gx (MS)	09/12/22 10:10	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-14	Water	NWTPH-Gx (MS)	09/12/22 09:10	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-15	Water	NWTPH-Gx (MS)	09/13/22 07:35	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-16	Water	NWTPH-Gx (MS)	09/13/22 08:50	09/16/22 12:58	5mL/5mL	5mL/5mL	1.00
A2I0436-17	Water	NWTPH-Gx (MS)	09/12/22 10:50	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-18	Water	NWTPH-Gx (MS)	09/12/22 09:30	09/16/22 12:58	5mL/5mL	5mL/5mL	1.00
Batch: 22I0498							
A2I0436-19	Water	NWTPH-Gx (MS)	09/13/22 08:20	09/16/22 11:05	5mL/5mL	5mL/5mL	1.00
A2I0436-20	Water	NWTPH-Gx (MS)	09/12/22 08:05	09/16/22 11:05	5mL/5mL	5mL/5mL	1.00

BTEX Compounds by EPA 8260D

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 22I0438							
A2I0436-06	Water	EPA 8260D	09/12/22 10:00	09/15/22 15:12	5mL/5mL	5mL/5mL	1.00
A2I0436-07	Water	EPA 8260D	09/12/22 10:30	09/15/22 15:12	5mL/5mL	5mL/5mL	1.00
Batch: 22I0489							
A2I0436-01	Water	EPA 8260D	09/12/22 09:30	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-02	Water	EPA 8260D	09/12/22 11:40	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-03	Water	EPA 8260D	09/13/22 09:00	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-04	Water	EPA 8260D	09/12/22 12:50	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-05	Water	EPA 8260D	09/12/22 11:00	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-08	Water	EPA 8260D	09/13/22 08:20	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-09	Water	EPA 8260D	09/13/22 07:35	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-10	Water	EPA 8260D	09/12/22 11:35	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-11	Water	EPA 8260D	09/12/22 12:10	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-12	Water	EPA 8260D	09/13/22 08:15	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-13	Water	EPA 8260D	09/12/22 10:10	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-14	Water	EPA 8260D	09/12/22 09:10	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-15	Water	EPA 8260D	09/13/22 07:35	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00

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ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

SAMPLE PREPARATION INFORMATION

BTEX Compounds by EPA 8260D

Prep: EPA 5030C

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
A2I0436-16	Water	EPA 8260D	09/13/22 08:50	09/16/22 12:58	5mL/5mL	5mL/5mL	1.00
A2I0436-17	Water	EPA 8260D	09/12/22 10:50	09/16/22 09:58	5mL/5mL	5mL/5mL	1.00
A2I0436-18	Water	EPA 8260D	09/12/22 09:30	09/16/22 12:58	5mL/5mL	5mL/5mL	1.00
Batch: 22I0498							
A2I0436-19	Water	EPA 8260D	09/13/22 08:20	09/16/22 11:05	5mL/5mL	5mL/5mL	1.00
A2I0436-20	Water	EPA 8260D	09/12/22 08:05	09/16/22 11:05	5mL/5mL	5mL/5mL	1.00
A2I0436-21	Water	EPA 8260D	09/12/22 07:45	09/16/22 11:05	5mL/5mL	5mL/5mL	1.00

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ANALYTICAL REPORT

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Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

QUALIFIER DEFINITIONS

Client Sample and Quality Control (QC) Sample Qualifier Definitions:

Apex Laboratories

F-11	The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
F-20	Result for Diesel is Estimated due to overlap from Gasoline Range Organics or other VOCs.
Q-19	Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.

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REPORTING NOTES AND CONVENTIONS:

Abbreviations:

DET Analyte DETECTED at or above the detection or reporting limit.

ND Analyte NOT DETECTED at or above the detection or reporting limit.

NR Result Not Reported.

RPD Relative Percent Difference. RPDs for Matrix Spikes and Matrix Spike Duplicates are based on concentration, not recovery.

Detection Limits: Limit of Detection (LOD)

Limits of Detection (LODs) are normally set at a level of one half the validated Limit of Quantitation (LOQ).
If no value is listed ('-----'), then the data has not been evaluated below the Reporting Limit.

Reporting Limits: Limit of Quantitation (LOQ)

Validated Limits of Quantitation (LOQs) are reported as the Reporting Limits for all analyses where the LOQ, MRL, PQL or CRL are requested. The LOQ represents a level at or above the low point of the calibration curve, that has been validated according to Apex Laboratories' comprehensive LOQ policies and procedures.

Reporting Conventions:

Basis: Results for soil samples are generally reported on a 100% dry weight basis.
The Result Basis is listed following the units as " dry", " wet", or " " (blank) designation.

" dry" Sample results and Reporting Limits are reported on a dry weight basis. (i.e. "ug/kg dry")
See Percent Solids section for details of dry weight analysis.

" wet" Sample results and Reporting Limits for this analysis are normally dry weight corrected, but have not been modified in this case.

" " Results without 'wet' or 'dry' designation are not normally dry weight corrected. These results are considered 'As Received'.

QC Source:

In cases where there is insufficient sample provided for Sample Duplicates and/or Matrix Spikes, a Lab Control Sample Duplicate (LCS Dup) may be analyzed to demonstrate accuracy and precision of the extraction batch.

Non-Client Batch QC Samples (Duplicates and Matrix Spike/Duplicates) are not included in this report. Please request a Full QC report if this data is required.

Miscellaneous Notes:

" --- " QC results are not applicable. For example, % Recoveries for Blanks and Duplicates, % RPD for Blanks, Blank Spikes and Matrix Spikes, etc.

" *** " Used to indicate a possible discrepancy with the Sample and Sample Duplicate results when the %RPD is not available. In this case, either the Sample or the Sample Duplicate has a reportable result for this analyte, while the other is Non Detect (ND).

Blanks:

Standard practice is to evaluate the results from Blank QC Samples down to a level equal to ½ the Reporting Limit (RL).
-For Blank hits falling between ½ the RL and the RL (J flagged hits), the associated sample and QC data will receive a 'B-02' qualifier.
-For Blank hits above the RL, the associated sample and QC data will receive a 'B' qualifier, per Apex Laboratories' Blank Policy.
For further details, please request a copy of this document.

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HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

REPORTING NOTES AND CONVENTIONS (Cont.):

Blanks (Cont.):

Sample results flagged with a 'B' or 'B-02' qualifier are potentially biased high if the sample results are less than ten times the level found in the blank for inorganic analyses, or less than five times the level found in the blank for organic analyses.

'B' and 'B-02' qualifications are only applied to sample results detected above the Reporting Level.

Preparation Notes:

Mixed Matrix Samples:

Water Samples:

Water samples containing significant amounts of sediment are decanted or separated prior to extraction, and only the water portion analyzed, unless otherwise directed by the client.

Soil and Sediment Samples:

Soil and Sediment samples containing significant amounts of water are decanted prior to extraction, and only the solid portion analyzed, unless otherwise directed by the client.

Sampling and Preservation Notes:

Certain regulatory programs, such as National Pollutant Discharge Elimination System (NPDES), require that activities such as sample filtration (for dissolved metals, orthophosphate, hexavalent chromium, etc.) and testing of short hold analytes (pH, Dissolved Oxygen, etc.) be performed in the field (on-site) within a short time window. In addition, sample matrix spikes are required for some analyses, and sufficient volume must be provided, and billable site specific QC requested, if this is required. All regulatory permits should be reviewed to ensure that these requirements are being met.

Data users should be aware of which regulations pertain to the samples they submit for testing. If related sample collection activities are not approved for a particular regulatory program, results should be considered estimates. Apex Laboratories will qualify these analytes according to the most stringent requirements, however results for samples that are for non-regulatory purposes may be acceptable.

Samples that have been filtered and preserved at Apex Laboratories per client request are listed in the preparation section of the report with the date and time of filtration listed.

Apex Laboratories maintains detailed records on sample receipt, including client label verification, cooler temperature, sample preservation, hold time compliance and field filtration. Data is qualified as necessary, and the lack of qualification indicates compliance with required parameters.

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

LABORATORY ACCREDITATION INFORMATION

ORELAP Certification ID: OR100062 (Primary Accreditation)
EPA ID: OR01039

All methods and analytes reported from work performed at Apex Laboratories are included on Apex Laboratories' ORELAP Scope of Certification, with the exception of any analyte(s) listed below:

Apex Laboratories

Matrix	Analysis	TNI_ID	Analyte	TNI_ID	Accreditation

All reported analytes are included in Apex Laboratories' current ORELAP scope.

Secondary Accreditations

Apex Laboratories also maintains reciprocal accreditation with non-TNI states (Washington DOE), as well as other state specific accreditations not listed here.

Subcontract Laboratory Accreditations

Subcontracted data falls outside of Apex Laboratories' Scope of Accreditation.
Please see the Subcontract Laboratory report for full details, or contact your Project Manager for more information.

Field Testing Parameters

Results for Field Tested data are provded by the client or sampler, and fall outside of Apex Laboratories' Scope of Accreditation.

Apex Laboratories

Cameron O'Brien, Project Manager

Apex Laboratories, LLC

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ANALYTICAL REPORT

HydroCon LLC
314 W 15th Street Suite 300
Vancouver, WA 98660

Project: **Coleman Wenatchee**
Project Number: **2017-074**
Project Manager: **Craig Hultgren**

Report ID:
A2I0436 - 09 22 22 1232

APEX LABS — **CHAIN OF CUSTODY** — Lab # A2I0436 — COC 1 of 2

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

PO#

Company: HydroCon | Project Mgr: Craig Hultgren | Project Name: Coleman Oil Wenatchee | Project # 2017-074

Address: | Phone: | Fax: | Email: craigh@hydroconllc.net

Sampled by: Chris Daschel

Site Location: OR (WA) Other: ______

ANALYSIS REQUEST

	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1	MW06-W		9/12/22	0930	H_2O	4		X	X				X									
2	MW08-W		9/12/22	1140																		
3	MW09R-W		9/13/22	0900																		
4	MW10R-W		9/12/22	1250																		
5	MW11-W		9/12/22	1100																		
6	MW13R-W		9/12/22	1000																		
7	MW14-W		9/12/22	1030																		
8	MW17-W		9/13/22	0820																		
9	MW20-W		9/13/22	0735																		
10	MW21-W		9/12/22	1135	↓	↓		↓	↓				↓									

Normal Turn Around Time (TAT) = 10 Business Days YES NO

TAT Requested (circle) 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: (HCE)

SPECIAL INSTRUCTIONS: TripBlank-W, 9/12/22, 0745 *BTEX only*

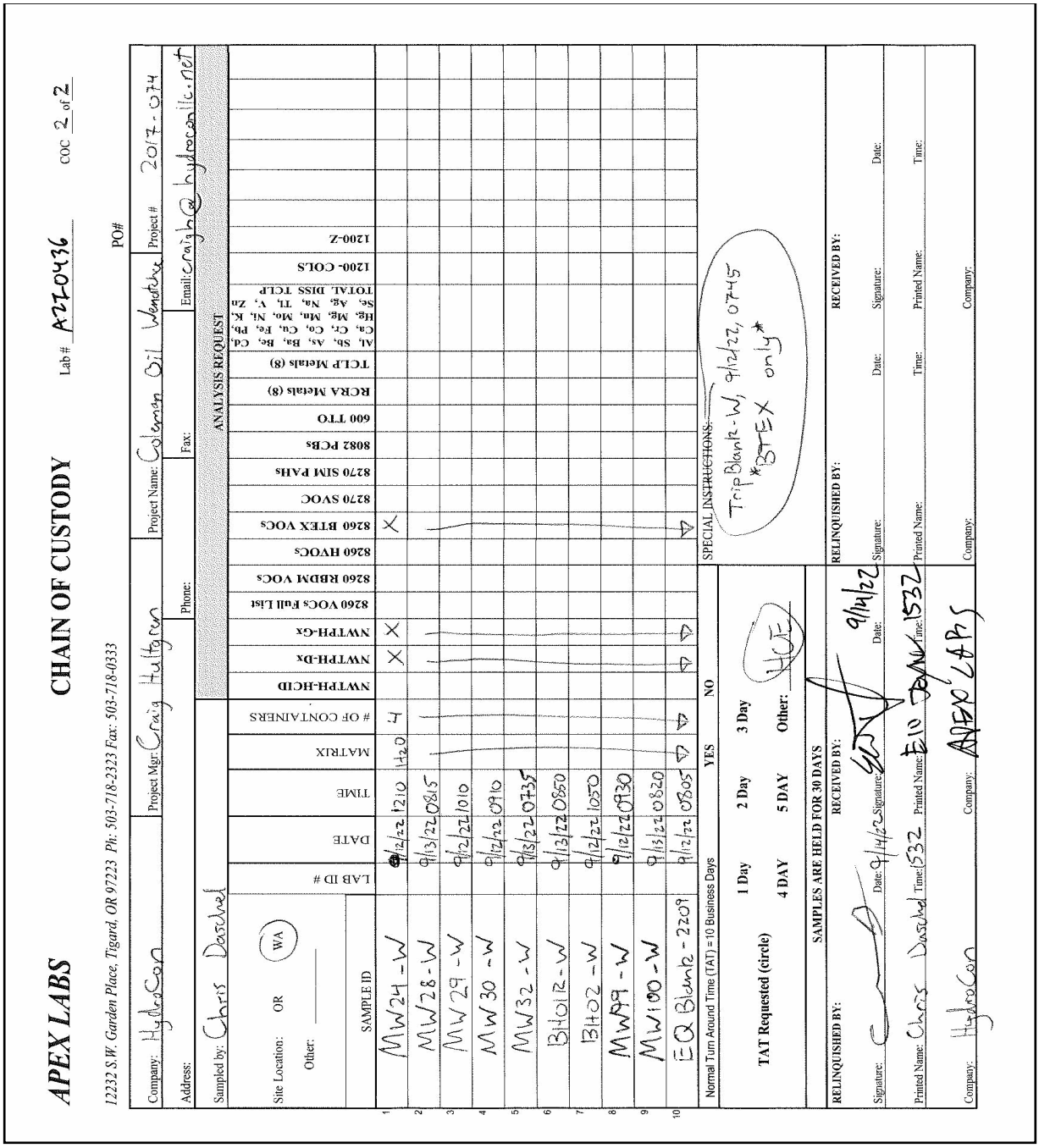
SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date: 9/14/22	Signature: [signature] Date: 9/14/22	Signature: Date:	Signature: Date:
Printed Name: Chris Daschel Time: 1532	Printed Name: Eli Bean Time: 1532	Printed Name: Time:	Printed Name: Time:
Company: HydroCon	Company: APEX LABS	Company:	Company:

Apex Laboratories, LLC
6700 S.W. Sandburg Street
Tigard, OR 97223
503-718-2323
ORELAP ID: **OR100062**

ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**



APEX LABS — CHAIN OF CUSTODY — Lab # A2I0436 — COC 2 of 2 — PO#

12232 S.W. Garden Place, Tigard, OR 97223 Ph: 503-718-2323 Fax: 503-718-0333

Company: HydroCon | Project Mgr: Craig Hultgren | Project Name: Coleman Dil Wenatchee | Project #: 2017-074
Address: | Phone: | Fax: | Email: craig@hydrocon llc.net
Sampled by: Chris Dostal

Site Location: OR WA
Other: _____

ANALYSIS REQUESTED

	SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 VOCs Full List	8260 RBDM VOCs	8260 HVOCs	8260 BTEX VOCs	8270 SVOC	8270 SIM PAHs	8082 PCBs	600 TTO	RCRA Metals (8)	TCLP Metals (8)	Al, Sb, As, Ba, Be, Cd, Ca, Cr, Co, Cu, Fe, Pb, Hg, Mg, Mn, Mo, Ni, K, Se, Ag, Na, Tl, V, Zn TOTAL DISS TCLP	1200- COLS	1200-Z
1	MW24-W		9/2/22	1210	H2O	4		X	X				X								
2	MW28-W		9/13/22	0815		1															
3	MW29-W		9/2/22	1010																	
4	MW30-W		9/12/22	0910																	
5	MW32-W		9/13/22	0735																	
6	BH01R-W		9/13/22	0850																	
7	BH02-W		9/12/22	1050																	
8	MW99-W		9/12/22	0930																	
9	MW100-W		9/13/22	0820																	
10	EQ Blank-2209		9/12/22	0805																	

Normal Turn Around Time (TAT) = 10 Business Days — YES / NO

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: 4 DAY

SPECIAL INSTRUCTIONS: Trip Blank-W, 9/12/22, 0745 *BTEX only*

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature: Date: 9/14/22 Printed Name: Chris Dostal Time: 1532 Company: HydroCon

RECEIVED BY: Signature: Date: 9/14/22 Printed Name: Time: 1532 Company: APEX LABS

RELINQUISHED BY: Signature: Date: Printed Name: Time: Company:

RECEIVED BY: Signature: Date: Printed Name: Time: Company:

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cameron O'Brien, Project Manager

Apex Laboratories, LLC
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ORELAP ID: **OR100062**

ANALYTICAL REPORT

HydroCon LLC	Project: **Coleman Wenatchee**	
314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A2I0436 - 09 22 22 1232**

APEX LABS COOLER RECEIPT FORM

Client: Hydrocon Element WO#: A2 I0436

Project/Project #: Coleman 02 Wenatchee 2017-074

Delivery Info:

Date/time received: 9/14/22 @ 1532 By: EJ

Delivered by: Apex____Client X ESS____FedEx____UPS____Swift____Senvoy____SDS____Other_____

Cooler Inspection Date/time inspected: 9/14/22 @ 1532 By: ~~IS~~ EJ 9/14/22

Chain of Custody included? Yes X No _____ Custody seals? Yes_____ No X

Signed/dated by client? Yes X No _____

Signed/dated by Apex? Yes X No _____

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	0.6	1.1					
Received on ice? (Y/N)	Y	Y					
Temp. blanks? (Y/N)	Y	Y					
Ice type: (Gel/Real/Other)	Real	Real					
Condition:	Good	Good					

Cooler out of temp? (Y/N) Possible reason why: _____

Green dots applied to out of temperature samples? Yes/No

Out of temperature samples form initiated? Yes/No

Sample Inspection: Date/time inspected: 9-14-22 @ 1900 By: DSS

All samples intact? Yes X No ___ Comments: _____

Bottle labels/COCs agree? Yes X No ___ Comments: _____

COC/container discrepancies form initiated? Yes ___ No X

Containers/volumes received appropriate for analysis? Yes X No ___ Comments: _____

Do VOA vials have visible headspace? Yes X No ___ NA ___

Comments MW08-W = 1/3 HS, MW20-W = 1/3 HS, MW28-W = 1/3 HS, MW30-W = 1/3 HS.

Water samples: pH checked: Yes X No___NA___ pH appropriate? Yes X No___NA____

Comments: _____

Additional information: _____

Labeled by: DSS Witness: KAM Cooler Inspected by: DSS

Form Y-003 R-00

Apex Laboratories

The results in this report apply to the samples analyzed in accordance with the chain of custody document. This analytical report must be reproduced in its entirety.

Cameron O'Brien, Project Manager

APPENDIX C

DATA QUALITY REVIEW REPORT

TO:	Craig Hultgren (HydroCon)
FROM:	Manon Tanner-Dave
DATE:	October 11, 2022
SUBJECT:	Laboratory Validation Report

HydroCon TOC Site No.	Coleman Wenatchee – 2017-074		
Sampling Event Type:	Water Sampling	**Number of Samples:**	21
Laboratory Work Order:	A2I0436	**Final Report Date & Time:**	September 22, 2022

Analysis & Method

- ☒ Gasoline Range Hydrocarbon (NWTPH-Gx)
- ☒ Diesel Range Hydrocarbon without Silica Gel (NWTPH-Dx) ☐
- ☐ Diesel Range Organics with Silica Gel (NWTPH-DxSG)
- ☐ Volatile Organic Compounds (EPA 8260C)
- ☒ BTEX (EPA 8260D)
- ☐ Total Lead (EPA 6020A), Organic Lead and Manganese Speciation (GC/ECD)
- ☐ Sulfate (300.0)
- ☐ Other – BTEX & Naphthalene (EPA 8260D)

Data Package Completeness:

Data package was complete.

EDD to Hardcopy Verification:

An EDD was not provided.

Technical Data Validation:

- ☒ Holding Times & Sample Receipt
- ☒ Surrogate Compounds
- ☒ Associated Matrix Spike/Matrix Spike Duplicate (MS/MSD)
- ☒ Associated Laboratory Duplicate
- ☒ Laboratory Control Sample/ Laboratory Control Sample Duplicates (LCS/LCSD)
- ☒ Method Blank
- ☒ Field Duplicates
- ☒ Target Analyte List
- ☒ Reporting Limits (MDL and MRL)
- ☒ Reported Results

Holding Times & Sample Receipt:

All holding times and sample receipt were acceptable, with the following exceptions:

BTEX: Visible headspace was observed in the following VOA vials. There was adequate volume in the remaining VOA vials to continue with analysis; no qualifiers were applied to the results.

- MW08-W – 1 out of 3 vials
- MW20-W – 1 out of 3 vials
- MW28-W – 1 out of 3 vials
- MW30-W – 1 out of 3 vials

Surrogate Compounds:

All surrogate percent recoveries (%R) were within laboratory limits.

Associated Matrix Spike/Matrix Spike Duplicate (MS/MSD):

NWTPH-Dx: Laboratory control sample duplicate (LCSD) analyzed in place of matrix spike/duplicate samples due to limited sample amount available for analysis.

BTEX: Matrix spikes were analyzed at the appropriate frequency and all %R were within the acceptance criteria.

Associated Laboratory Duplicate:

Laboratory duplicates were analyzed at the appropriate frequency and all %D were within the acceptance criteria.

Laboratory Control Sample/Laboratory Control Sample Duplicates:

LCS/LCSD were analyzed at the appropriate frequency and all %R were within the acceptance criteria.

Method Blank:

Method blanks and field blanks were analyzed at the appropriate frequency and were non-detect (ND) for all target analytes.

Field Duplicate(s):

Two sets of parent/field duplicate samples were collected and analyzed (MW06-W/MW99-W and MW17-W/MW100-W); all RPDs were within control limits.

Target Analyte List:

All requested analytes were present.

Reporting Limits (MDL and MRL):

Reporting limits were within the acceptance criteria.

Reported Results:

All reported results are acceptable.

Laboratory qualifiers for NWTPH-Dx:

- (F-11) The hydrocarbon pattern indicates possible weathered diesel, or a contribution from a related component.
    - J/UJ-Other qualify affected results.
- (F-20) Result for Diesel is estimated due to overlap from Gasoline Range Organics or other VOCs.
    - J/UJ-Mi qualify affected results.

Lab Validation Assessment

Analytical results are usable to meet the project objectives.

Data Quality Review Statement for Report

Aside from the data quality issues discussed above, the data quality review identified no concerns with respect to the quality or usability of the data presented herein.

Appendix A. Data Validation Qualifiers and Definitions

The following lists the data validation qualifier codes and their definitions that were assigned to analytical results in this data validation review process.

Data Validation Qualifiers and Definitions:	☐ (R) The sample result is rejected due to serious deficiencies in the ability to analyze the sample and meet quality control criteria. The presence or absence of the analyte cannot be verified. ☐ (DNR) Do not report. A more appropriate result is reported from another analysis or dilution.

Appendix B. Data Validation Qualified Summary Table

Laboratory qualifiers:

- (F-11) The hydrocarbon pattern indicates possible weathered diesel, or a contribution from a related component.
- (F-20) Result for Diesel is estimated due to overlap from Gasoline Range Organics or other VOCs.

Validation qualifiers:

- (J) The result is an estimated quantity.

Reason codes:

- Mi = Matrix interference.
- Other = Other, described in data validation report.

Appendix B. Validator Qualified Data Summary Table

Sample	Laboratory ID	Method	Parameter Name	Result	Result Units	Laboratory Qualifier	Validator Qualifier	Reason Code
MW13R-W	A2I0436-06	NWTPH-Dx	Diesel	1770	ug/L	F-11	J	Other
MW14-W	A2I0436-07	NWTPH-Dx	Diesel	1040	ug/L	F-11, F-20	J	Other, Mi

APPENDIX D

WATER AND PRODUCT LEVEL MEASUREMENTS

Depth to Water/Depth to Product Measurments
Coleman Oil
Wenatchee, Washington

Date: 9/14/2022

Well ID	Total Well Depth (feet bgs)	Well Diameter (inch)	Screened Interval (feet bgs)	Well Casing Elevation (feet[1])	Depth to Water (feet BTOC)	Depth to Product (feet BTOC)	Sheen Detected (Yes/No)
MW01	35.00	2	20-35	658.01	12.26		No
MW01S	19.99	4	5.37 - 20.37	657.54	12.31		No
MW02	40.00	2	25-40	657.76	12.19		No
MW03	35.00	2	25-35	658.26	7.73		No
MW03S	19.30	4	4.43 - 19.43	658.17	8.01		No
MW04	37.00	2	27-37	657.48	16.73		No
MW05	45.00	2	30-45	656.00	39.00		No
MW06	18.00	4	8-18	657.70	11.32		No
MW07	20.00	4	10-20	657.52	12.13		No
MW08	25.00	4	15-25	656.20	16.70		No
MW09R	32.60	4	8.59-33.59	653.55	18.65		No
MW10R	33.59	4	14.64-34.64	644.30	24.37		No
MW11	22.00	4	12-22	658.00	14.34		No
MW12	19.52	4	4.63 - 19.63	658.27	8.00		No
MW13R	18.46	4	4.23 - 18.23	656.67	7.70		No
MW14	20.02	4	5.23 - 20.23	657.15	8.50		No
MW15	35.10	4	10.33 - 35.33	654.99	34.95		No
MW16	29.15	4	9.28 - 29.28	656.93	10.11		No
MW17	29.41	4	9.52 - 29.52	655.55	14.61		No
MW18	34.65	4	15.86 - 35.86	654.51	DRY		No
MW19	31.48	4	11.66 - 31.66	653.31	27.04		No
MW20	29.50	4	9.79 - 29.79	650.85	24.32		No
MW21	32.10	4	12.30 - 32.30	643.88	20.75		No
MW22	39.10	4	9.19 - 34.19	641.85	25.93		No
MW23	22.04	4	7.13 - 22.13	656.91	11.90		No
MW24	34.25	4	14.17-34.17	644.38	27.47		No
MW25	32.96	4	12.81-32.81	645.57	22.89		No
MW26	32.52	4	13.54-33.54	646.65	23.46		No
MW27	38.74	4	13.56-38.56	649.00	23.59		No
MW28	38.74	4	13.62-38.62	650.64	24.36		No
MW29	39.11	4	14.05-39.05	652.34	25.21		No
MW30	39.79	4	14.67-39.67	652.83	35.62		No
MW31	39.28	4	14.11-39.11	653.97	34.34		No
MW32	34.02	4	8.95-33.95	655.83	10.90		No
BH01R	39.97	4	14.52-39.52	651.03	24.32		No
BH02	35.00	2	20-35	653.77	32.12		No
BH03	30.00	2	15-30	648.76	21.70		No
RW01	30.00	3	15-30	650.42	24.33		No

NOTES:

feet[1] = Elevation is relative to NGVD88 NM = Not Measured

bgs = below ground surface

PVC = polyvinyl chloride

BTOC = below top of casing