Groundwater Monitoring Report
September 2020

Coleman Oil Company Facility
3 East Chehalis Street
Wenatchee, Washington

Prepared for:

Coleman Oil Company
335 Mill Road
Lewiston, Idaho 83501

September 23, 2020

Prepared by:

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HydroCon Project No: 2017-074

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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 2020. This monitoring event was performed to assess groundwater quality at the Site following the completion of the Supplemental Remedial Investigation (SRI) in 2019 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 the storage tanks located in Tank Farm A. The treated water is enriched with oxygen using 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:

- Quarterly groundwater monitoring will continue through 2020 with sampling events planned for September and December 2020.
- Beginning in 2021, groundwater monitoring will be performed on a semi-annual basis (spring and fall in 2021 followed by winter and summer the next year, etc.) at selected monitoring wells (agreed upon by Ecology) 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.

Groundwater monitoring in September 2020 included the following tasks and reporting:

- Turn off the pumps on August 28, 2020 at monitoring wells MW09R, MW10R, BH-1, MW17, MW24, MW28, MW29, MW30 and MW32 where groundwater and product recovery are being performed to allow groundwater levels to equilibrate to static conditions.

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

- Collect depth to water and product at each of the Site monitoring and recovery wells on August 30, 2020, two days after the pumps had been turned off.
- Collect groundwater samples for chemical analysis at selected wells listed on Table 6.
- 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 4a through 4i).
- Prepare figures showing the extent and concentration of GRPH and DRPH in groundwater at the site based on September 2020 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 have been placed in the Columbia River in the observed sheen discharge area to recover product since 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 (SRI) that included the addition of fourteen new 4-inch diameter monitoring wells (MW12 through MW23, MW01S, 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 remedial 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 levels. 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.

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.

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 alluvial deposits 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 being 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 2020. A data quality review is included.

3.1 Groundwater Sampling Procedures

As discussed in the Executive Summary, the remediation system was turned off on August 28, 2020 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 August 30, 2020 (2 days after the remediation system had been 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 August 31 through September 2, 2020 from 28 site monitoring and recovery wells (Tables 2 and 3). The following wells shown on Table 2 were not sampled for the following reasons:

- HydroCon did not collect groundwater samples from MW-1, MW-2, MW-3, MW-4, MW-5, MW-7 and MW22. HydroCon petitioned Ecology to cease sampling in these wells due to improper well construction, no detection of chemicals of concern (COCs) in the well, monitoring well MW-7 being so close to MW23, and MW22 being located outside of the plume that originates at the Coleman Oil Site. This request was approved by Ecology[2].
- MW15 and MW18 were not sampled due to insufficient water in the wells.
- MW29 was not sampled due to the presence of free product (0.02 feet) in the well.

Three field duplicate samples (MW100-W, MW101-W, and MW102-W) were collected from MW-6, MW10R, 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[3]. 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

[2] Washington State Department of Ecology. *Comments on Supplemental Remedial Investigation Report*. August 16, 2018.

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

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* and *Daily Field Reports* 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 discharge to the City sanitary system.

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 8260C

4.0 GROUNDWATER MONITORING RESULTS

4.1 Groundwater Conditions

HydroCon measured water levels at 38 wells on August 30, 2020, two 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 August 30, 2020 and calculated groundwater elevations at each well are summarized in Table 2. It should be noted that monitoring wells MW15 and MW18 were dry so no groundwater elevations for those wells could be calculated.

On August 30, 2020 the depth to water at the Site ranged from 7.48 feet bgs (MW-13R) to 38.63 feet bgs (MW-5) and groundwater elevations ranged from 616.67 (MW22) to 650.43 (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 MW13R, near the middle of the property, and MW31 was 0.106 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 deeper wells (MW-1 and MW-3) indicating a very slight upward vertical gradient. The calculated vertical gradient for MW-1/MW01S was 0.086 ft/ft and the vertical gradient for MW-3/MW03S was 0.017 ft/ft for the August 30, 2020 measurement.

These very small vertical gradients indicate that vertical gradients do not play a significant role in contaminant distribution or transport, at least in the southern portion of the Site. The vertical gradients for MW-1/MW01S and MW-3/MW03S were nearly identical to the five previous groundwater monitoring measurements.

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 12 wells including MW-6, MW-8, MW09R, MW10R, MW-11, MW14, MW17, MW20, MW21, MW28, BH01R and BH-2. The GRPH concentration ranged up to 3,830 µg/L at MW14. The CUL for GRPH is 800 µg/L and was exceeded in the samples collected from MW-11, and MW14.

Diesel Range Petroleum Hydrocarbons

DRPH was detected above the MRL in in 24 wells with concentrations ranging up to 6,200 µg/L at MW-30. It should be noted that MW29 had 0.02 feet of free product and no sample was collected from the well. The CUL for DRPH is 500 µg/L and was exceeded in samples collected from BH01R, BH-2, BH-3, MW-6, MW-8, MW09R, MW10R, MW-11, MW13R, MW14, MW17, MW19, MW20, MW21, MW23, MW27, MW28, and MW30.

Oil Range Petroleum Hydrocarbons

ORPH was detected above the MRL in one sample (MW30-W) at a concentration of 1,120 µg/L. The concentration exceeds the CUL of 500 µg/L.

Benzene

Benzene was detected above the MRL in wells MW13R and MW14 at concentrations ranging up to 7.82 µg/L. The highest concentration was seen in MW14. The CUL for benzene (5 µg/L) was exceeded in the sample collected from MW14.

Toluene

Toluene was not detected above the MRL in any of the samples.

Ethylbenzene

Ethylbenzene was detected above the MRL in the sample collected from well MW14. The concentration in the sample (4.00 µg/L) does not exceed the CUL of 700 µg/L.

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 0.07 to 9.61 mg/L. Only three wells had dissolved oxygen greater than 1.0 mg/L including MW13R, MW16, and MW24. These low values indicate that groundwater at the site has a low oxygen content[4].

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

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

reduced. The redox potential in the samples collected from the site ranged from -183.7 mV to 170.8 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 5.71 to 7.14.

4.4 Data Quality Review

Laboratory testing of groundwater are included in Appendix B as APEX Work Order A0I0140. 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

Data were qualified by the laboratory due to matrix interference, visible sediment in sample vials, or RPD fell outside QC limit. These qualifiers resulted in validation qualifiers of estimated quantity (J). 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 2020 groundwater monitoring event compared to prior monitoring events.

5.1 Discussion of Laboratory Results

Results of the September 2020 groundwater monitoring event indicated that 18 of the 28 wells sampled at the Site (BH01R, BH-2, BH-3, MW-6, MW-8, MW09R, MW10R, MW-11, MW13R, MW14, MW17, MW19, MW20, MW21, MW23, MW27, MW28, and MW30) have one or more COC above their respective CUL. This is a decrease of 2 wells compared to the results of the March 2020 groundwater monitoring results. A decrease in the number of wells having GRPH concentrations (2 compared to 3) and benzene concentrations (1 compared to 2) in excess of their respective CUL was observed compared to the previous quarter results.

5.2 Trends in GRPH and DRPH Concentrations in Groundwater

HydroCon has prepared trend plots of GRPH and DRPH in the 28 wells sampled in September 2020 (Figures 4a, 4b, 4c, 4d, 4e, 4f, 4g, 4h and 4i). A noticeable increasing trend in DRPH concentrations was observed in five wells including MW-11, MW23, MW27, MW28, and MW30. A decreasing trend in DRPH concentrations was observed in eight wells including MW16, MW17, MW20, MW24, MW25, MW26, and MW30.

A continued improving trend in GRPH and benzene concentrations in groundwater was observed during this sampling event. The remedial excavation performed near the former Control Valve Building and Tank Farm B has proven to be successful at removing the majority of the source of these 2 constituents at the site. In addition, the application of treated groundwater in the uplands area by the new groundwater recirculation system has likely contributed to improved groundwater conditions.

5.3 Extent of Groundwater Contamination

The September 2020 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 this report in an attempt 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) are 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

south of MW13R and extends northeast slightly beyond monitoring well MW20 with localized elevated DRPH concentrations at MW10R and MW21.

As discussed above, HydroCon modified the plume configuration in this report to reflect known preferential pathways and presumed groundwater quality where no data has 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 monitoring wells MW17 and MW09R. The concentration of DRPH ranges from 2,330 to 2,890 µg/L. Both of these wells are currently being used to extract product and groundwater from the Site.
- The area in between BH01R and BH-2 including wells MW29 and MW30. The concentration of DRPH ranges from 2,740 to 6,200 µg/L. Monitoring well MW29 had 0.02 feet of free product. Monitoring wells BH01R, MW29 and MW30 are being used to extract product and groundwater from the Site.

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 MW26 and near MW24 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 one localized area within the plume that has elevated GRPH concentrations above the CUL of 800 µg/L:

- The area around MW14 to MW-11. The highest concentration of GRPH (3,820 µg/L) is present in MW14 which is located immediately downgradient of the footprint of former Tank Farm B and former Control Valve Building. A decreasing concentration of GRPH is seen further downgradient of this well at MW-11 (804 µg/L) and MW-8 (683 µg/L).

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 Reports. HydroCon has expanded the Monthly Reports to include all O&M monitoring and repair work. These reports will replace 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 from the first time in 278 days. A sheen was also recorded on May 19, 20 and 22. The occurrence of a 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 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.

Free product (up to 0.03 feet) was measured in monitoring well MW29 on August 31 through September 2, 2020. This is when the remediation system was turned off prior to starting the September 2020 sampling event. This is the same well where product was measured 71 days in 2019.

The last time free product was measured at any other well was September 28, 2019 (BH01R), December 22, 2018 (MW09R), and December 14, 2018 (MW10R).

6.3 Next Planned Groundwater Monitoring Event

The next quarterly groundwater sampling event is tentatively scheduled for December 2020.

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.

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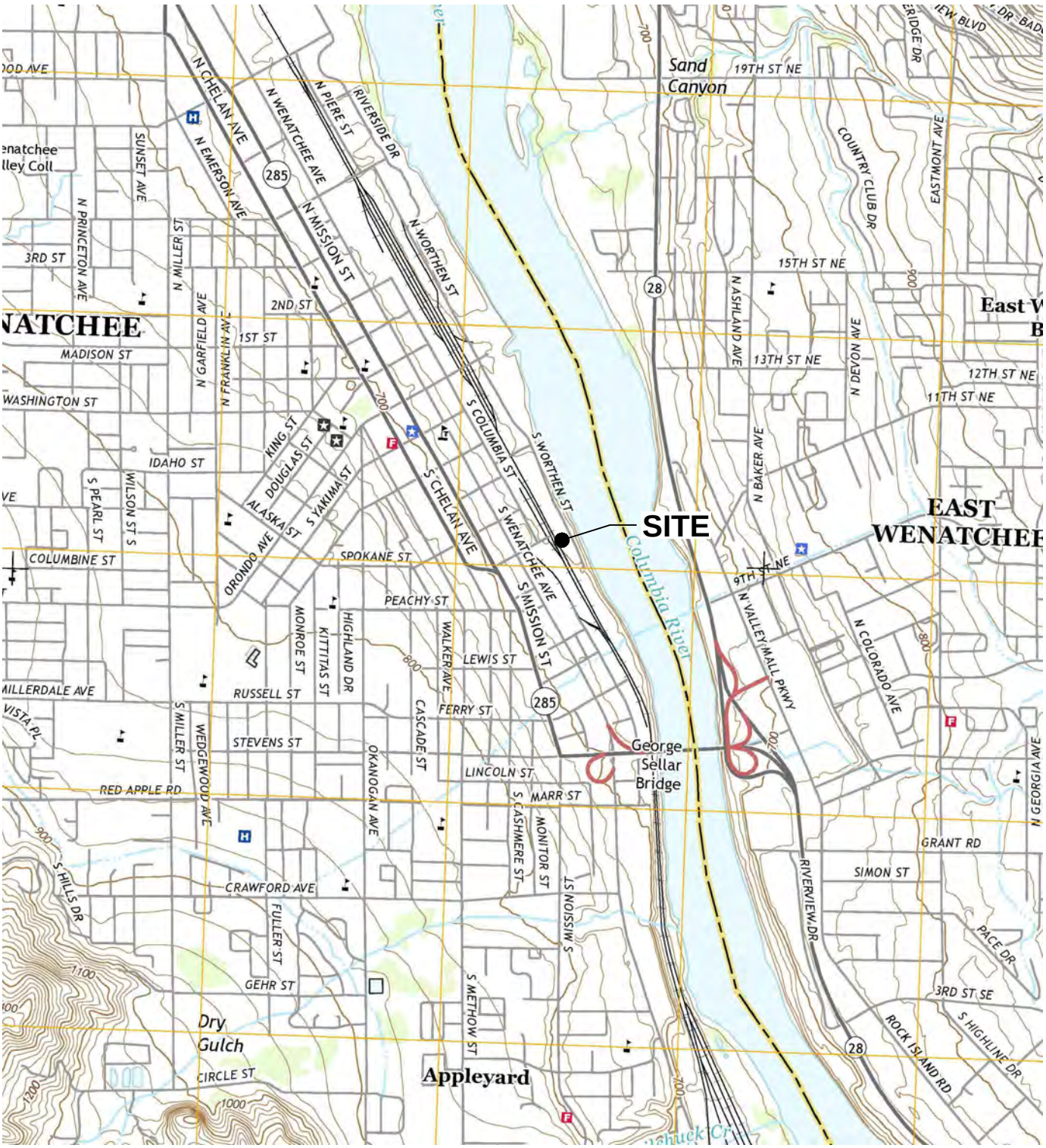
FIGURES



NOTE(S):

USGS, WENATCHEE QUADRANGLE
WASHINGTON
7.5 MINUTE SERIES (TOPOGRAPHIC)

0 2000 4000

SCALE IN FEET
1" = 2000'

N
W E
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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.

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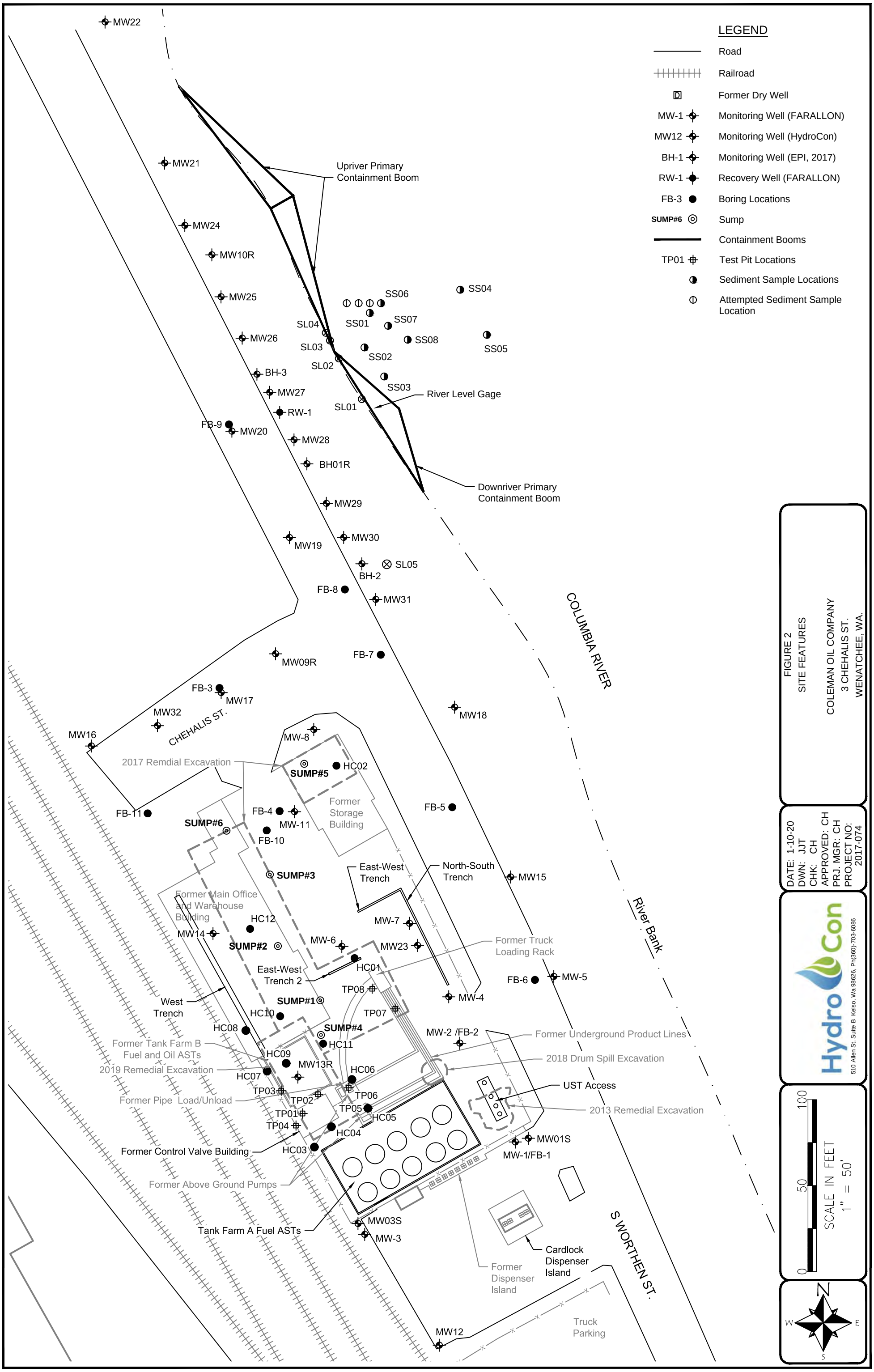

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MW22
616.67

620

MW21
623.76

Upriver Primary
Containment Boom

MW24
617.56

MW10R
620.44

625

MW25
620.76

SL04

MW26
621.15

SL03

SL02

BH-3
623.29

MW27
625.74

630

RW-1
623.22

SL01

MW20
628.25

MW28
626.35

BH01R
627.07

Downriver Primary
Containment Boom

635

MW29
627.26

MW19
625.41

MW30
617.93

BH-2
625.38

MW31
619.78

640

COLUMBIA RIVER

MW09R
636.62

645

644.32
MW32

MW17
641.62

CHEHALIS ST

647.52
MW16

MW18

MW-8
640.60

2017 Remdial Excavation

SUMP#5

Former
Storage
Building

SUMP#6

MW-11
643.98

SUMP#3

East-West
Trench

North-South
Trench

MW15
620.20

Former Main Office
and Warehouse
Building

MW14
649.05

SUMP#2

MW-6
647.73

MW-7
645.73

MW23
645.43

Former Truck
Loading Rack

East-West
Trench 2

MW-5
617.37

TP08

West
Trench

SUMP#1

TP07

MW-4
641.45

SUMP#4

MW-2
646.00

Former Underground Product Lines

Former Tank Farm B
Fuel and Oil ASTs

2018 Drum Spill Excavation

2019 Remedial Excavation

MW13R
649.49

UST Access

Former Pipe Load/Unload

2013 Remedial Excavation

645.47
MW01S

MW-1
646.08

Former Control Valve Building

Former Above Ground Pumps

650.02
MW03S

Tank Farm A Fuel ASTs

MW-3
650.43

650

650.14
MW12

Former
Dispenser
Island

Cardlock
Dispenser
Island

S WORTHEN ST.

River Bank

Truck
Parking

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
- 621.15 — Groundwater Surface Elevation
- 630 — Groundwater Elevation Contour
- Approximate Groundwater Flow Direction

FIGURE 3
GROUNDWATER ELEVATION CONTOURS
FOR (AUGUST 30, 2020)
COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

DATE: 6-15-20
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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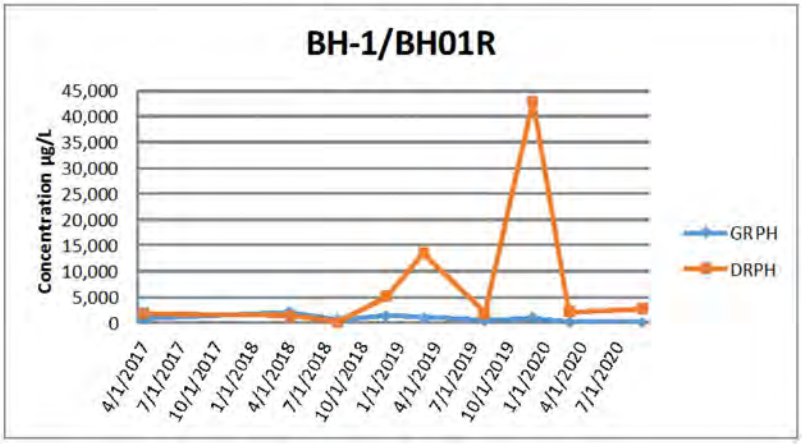

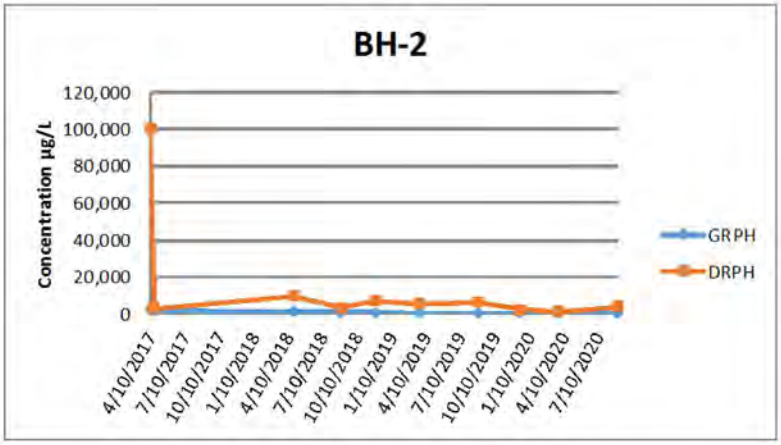

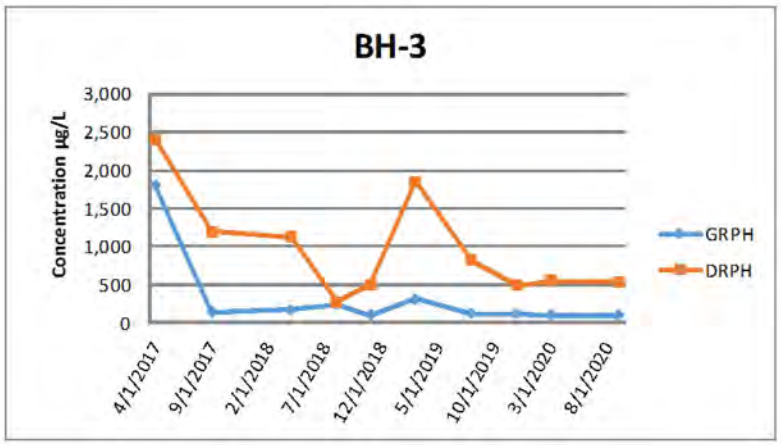

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W E
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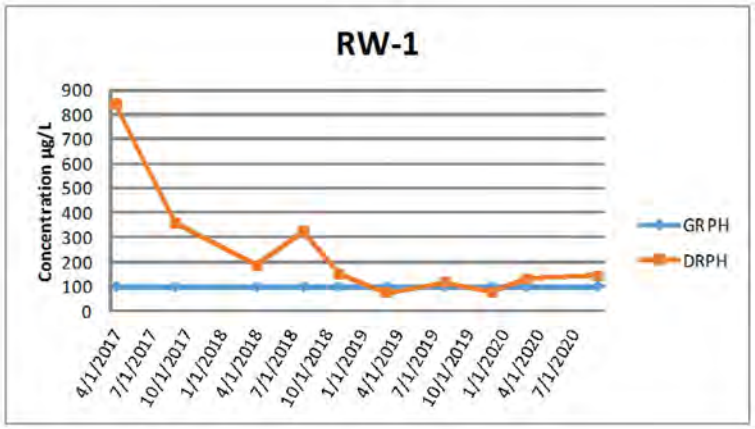
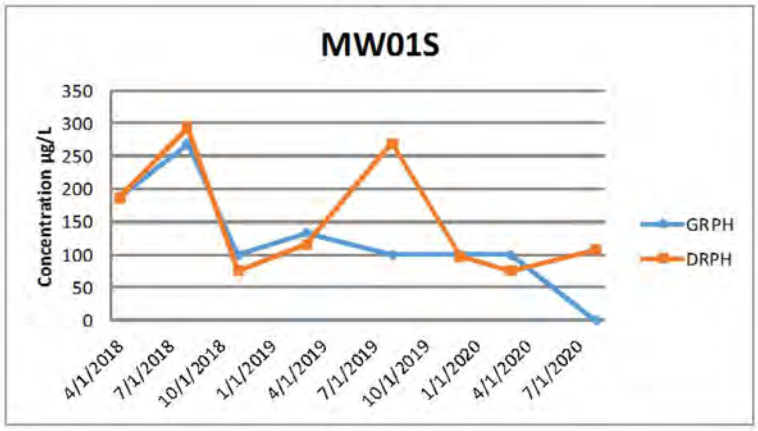
HydroCon

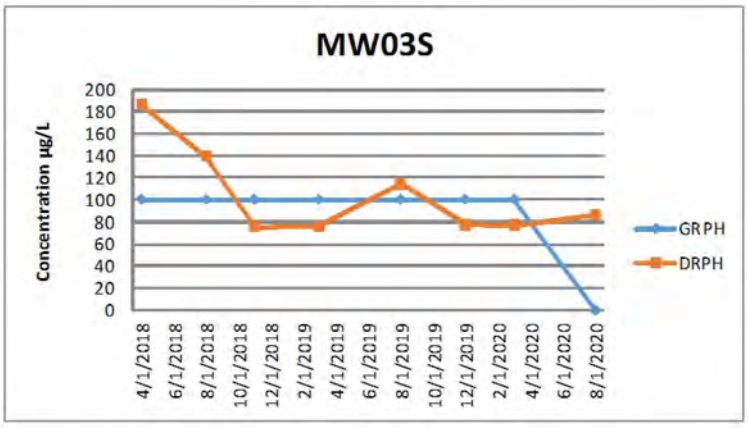
DATE: 9-17-20
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.







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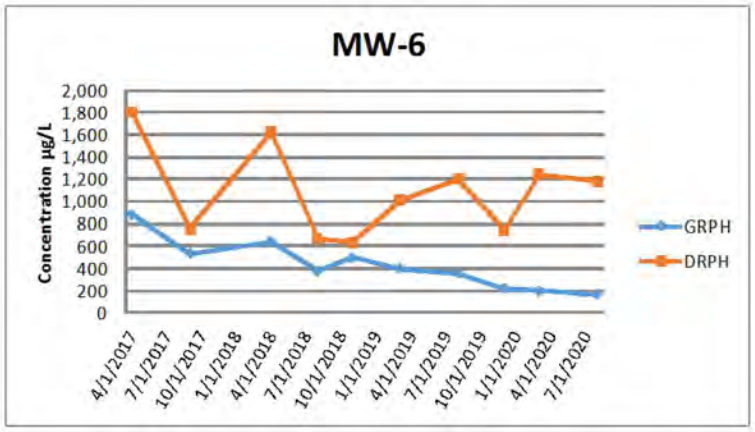
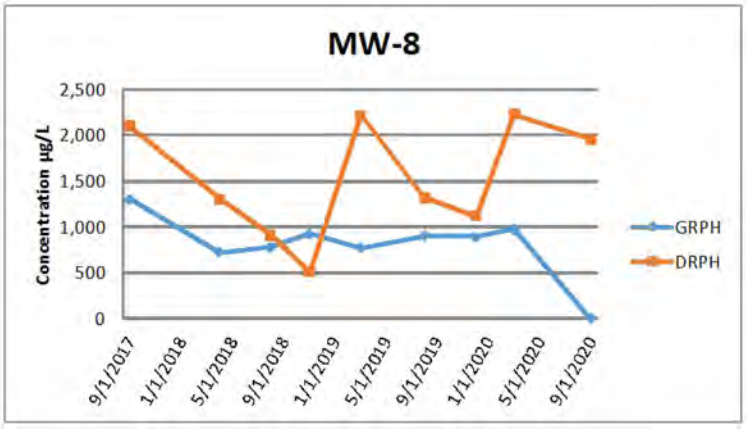
HydroCon

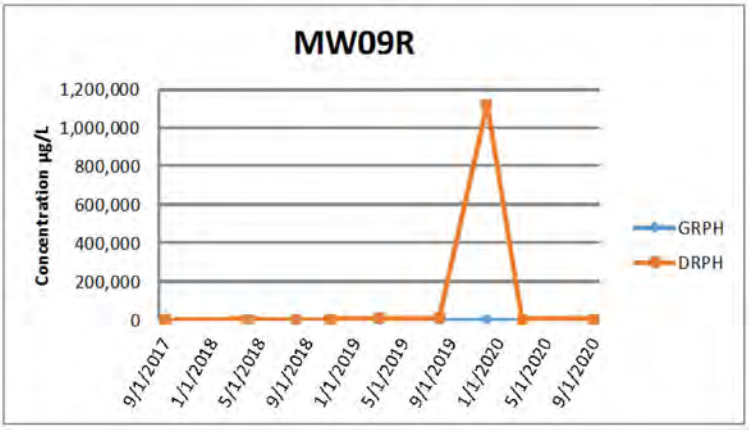
DATE: 9-17-20
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4A
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.







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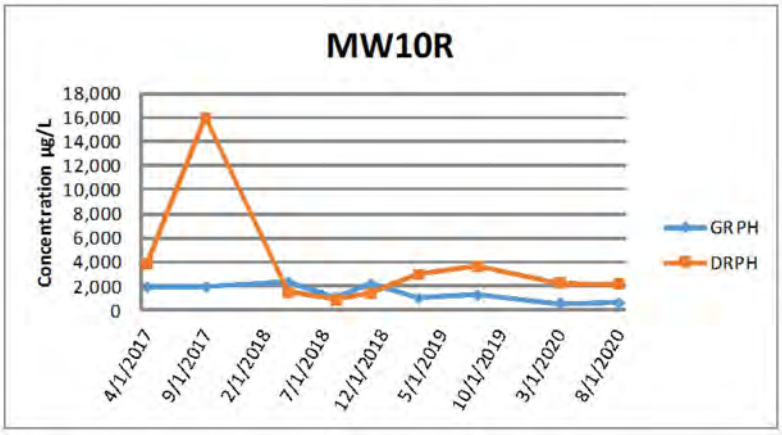
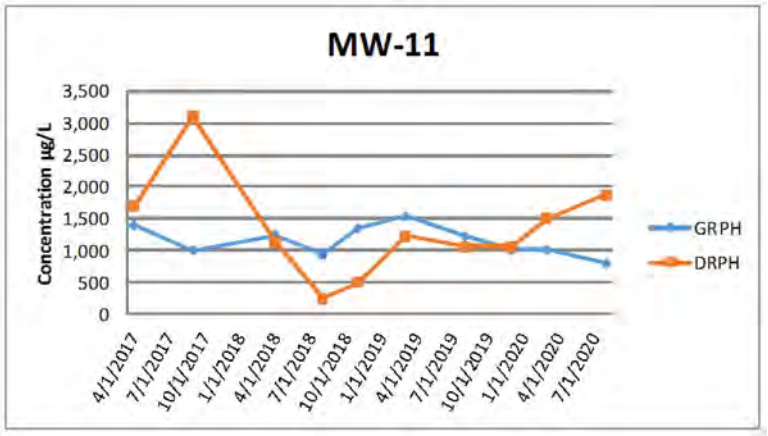
Hydro Con

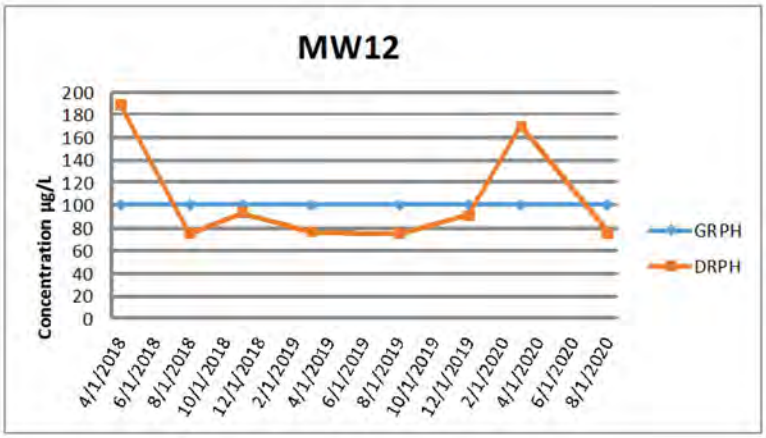
DATE: 9-17-20
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4B
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.







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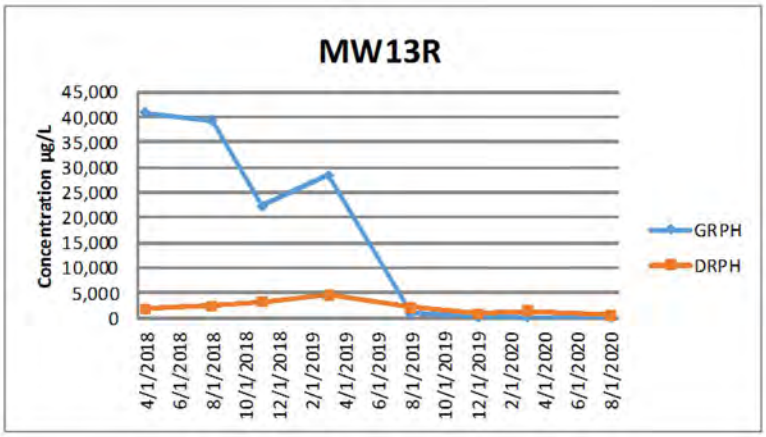
N W E S

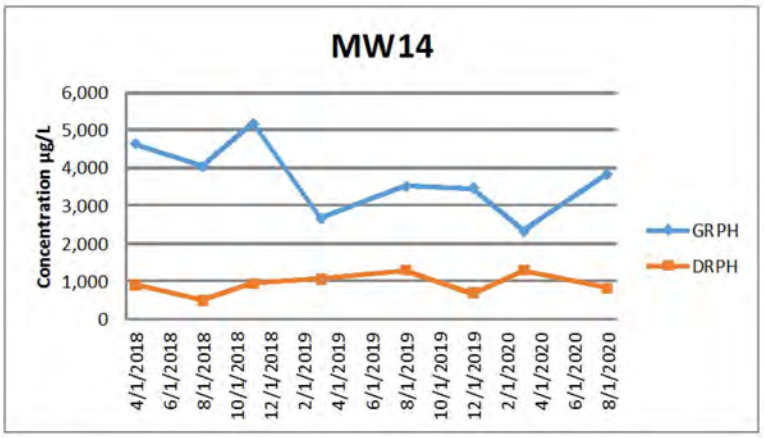
Hydro Con

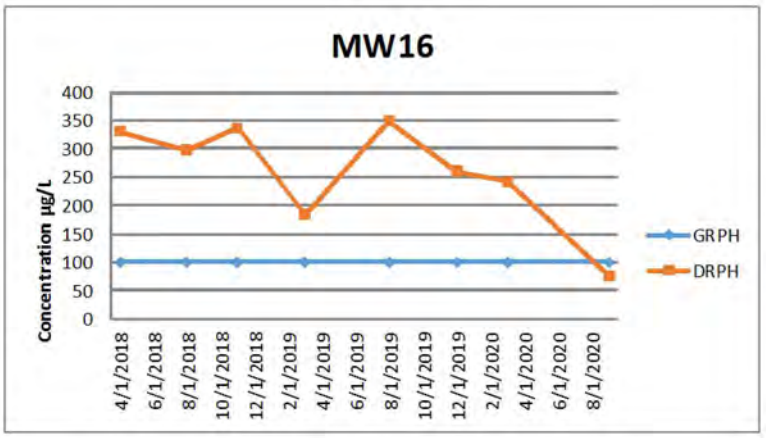
DATE: 9-17-20
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4C
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.







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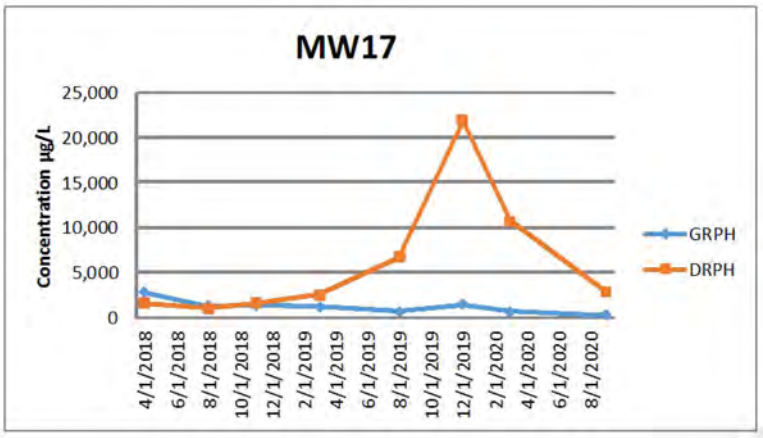
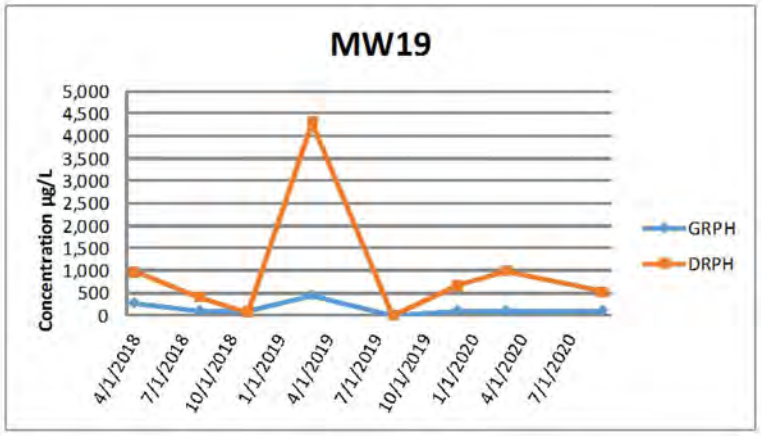
HydroCon

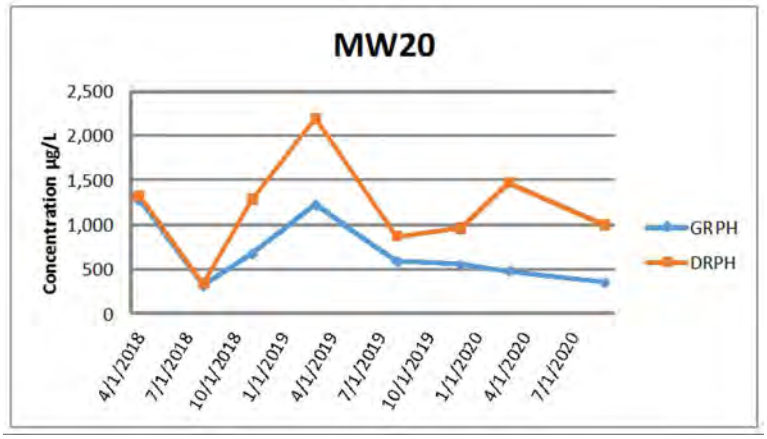
DATE: 9-17-20
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4D
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.







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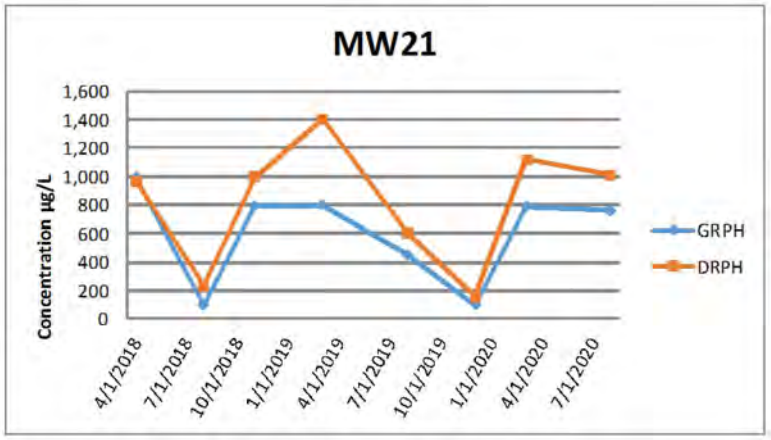
HydroCon

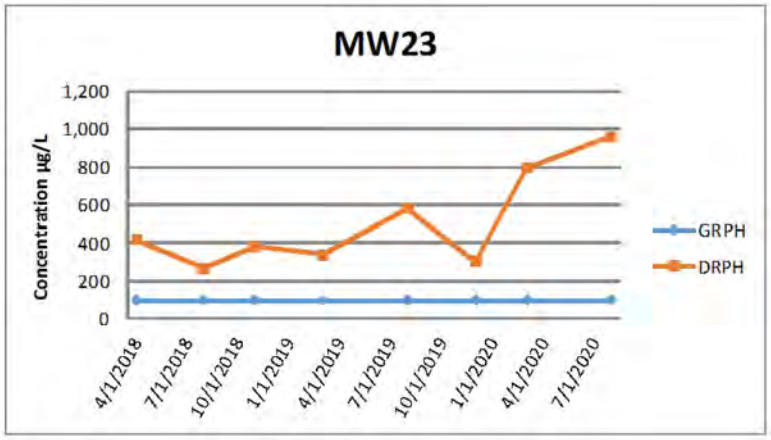
DATE: 9-17-20
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

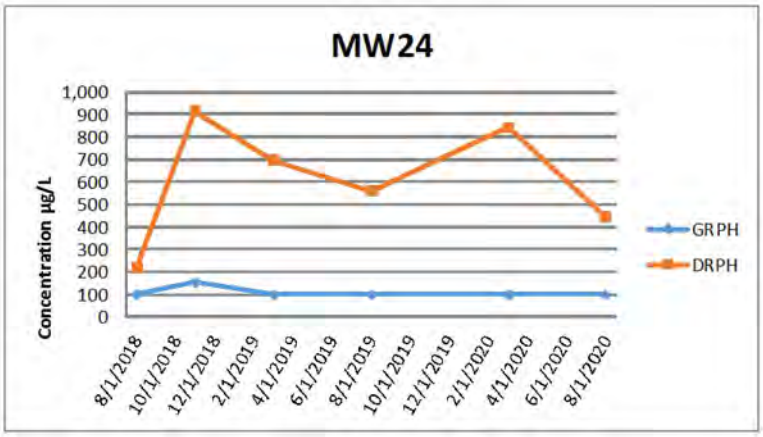
FIGURE 4E
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

C:\Users\Josh\Desktop\Autocad Files\Hydrocon-Autocad\2017-074 Coleman Oil\2020\Sep 2020\2017-074_BM-091520.dwg







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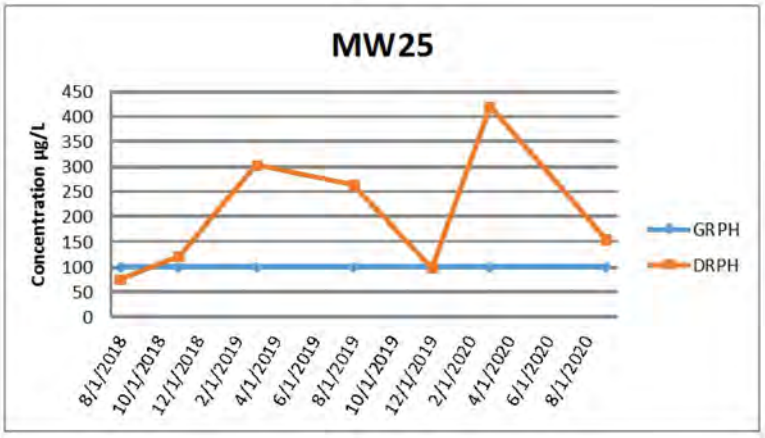
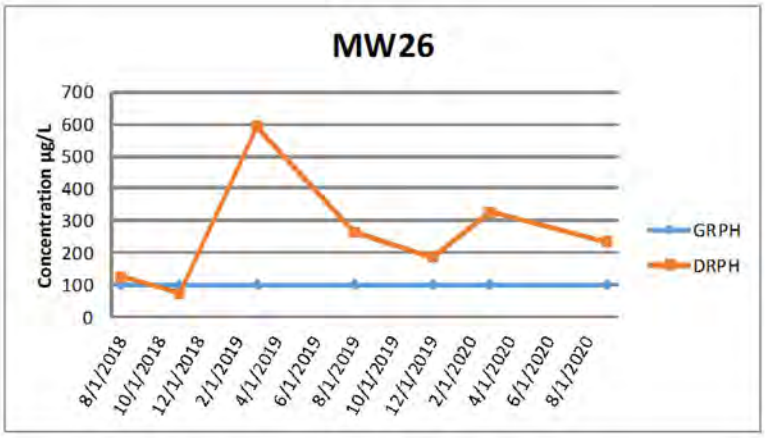
HydroCon

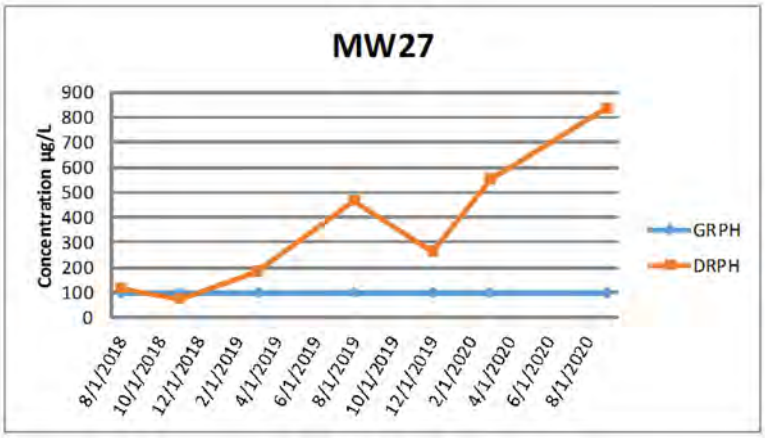
DATE: 9-17-20
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4F
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.







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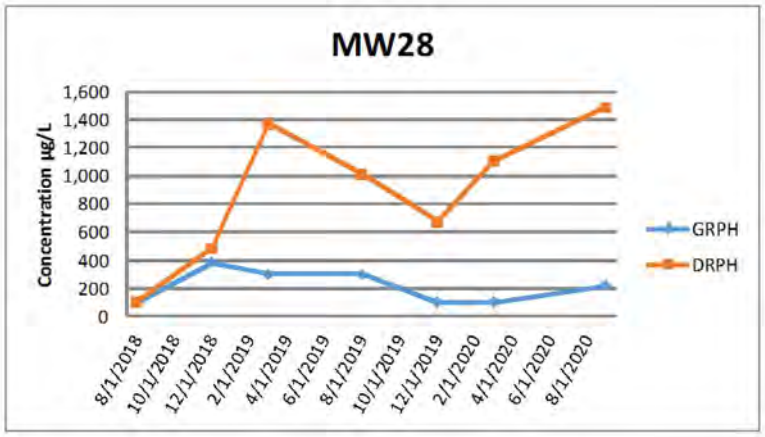
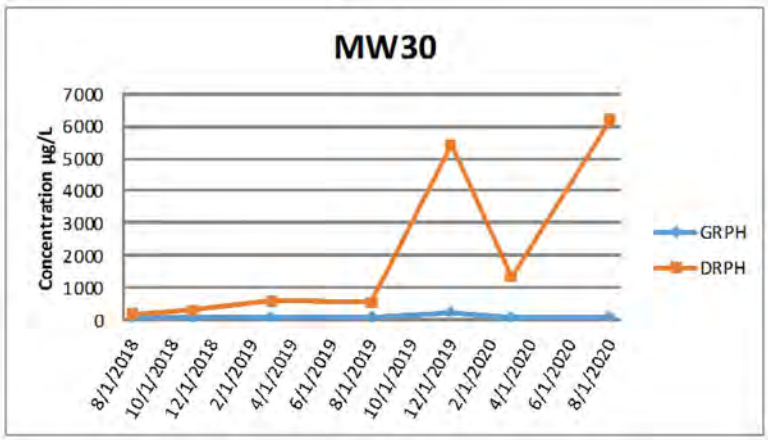
Hydro Con

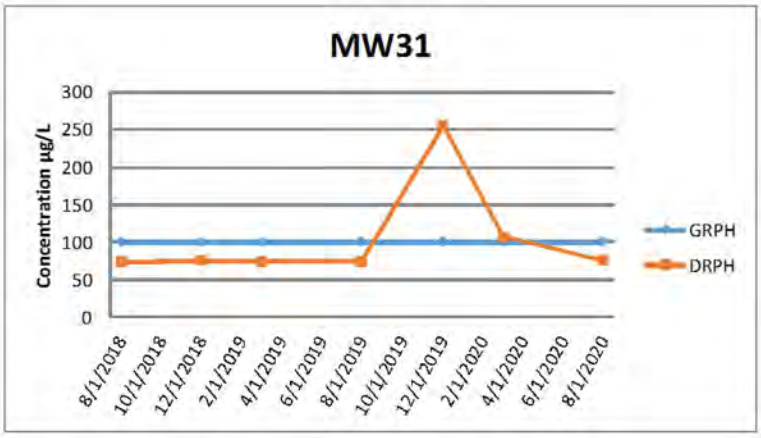
DATE: 9-17-20
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4G
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.







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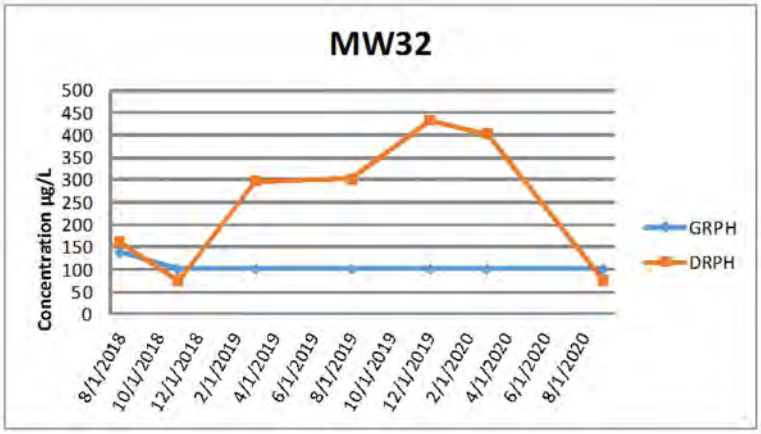
Hydro Con

DATE: 9-17-20
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4H
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.



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HydroCon

DATE: 9-17-20
DWN: JJT
CHK: RH
APPROVED: RH
PRJ. MGR: CH
PROJECT NO: 2017-074

FIGURE 4I
TREND PLOTS

COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

MW22
MW21
1,010
MW24
443
MW10R
2,130
MW25
154
MW26
235
BH-3
546
MW27
838
RW-1
145
MW20
987
MW28
1,490
BH01R
2,740
MW29
MW19
527
MW30
6,200
SL05
BH-2
3,820
MW31
<75.5
MW09R
2,330
MW17
2,890
<75.5
MW32
197
MW16
CHEHALIS ST
MW18
MW-8
1,960
2017 Remdial Excavation
SUMP#5
SUMP#6
MW-11
1,870
Former Storage Building
SUMP#3
East-West Trench
North-South Trench
MW15
Former Main Office and Warehouse Building
MW14
825
SUMP#2
MW-6
1,180
MW-7
MW23
960
Former Truck Loading Rack
East-West Trench 2
SUMP#1
TP08
TP07
MW-5
MW-4
West Trench
SUMP#4
MW-2
Former Underground Product Lines
Former Tank Farm B Fuel and Oil ASTs
2018 Drum Spill Excavation
2019 Remedial Excavation
MW13R
666
UST Access
2013 Remedial Excavation
Former Pipe Load/Unload
108
MW01S
MW-1
Former Control Valve Building
Former Above Ground Pumps
MW03S
86
MW-3
Tank Farm A Fuel ASTs
Cardlock Dispenser Island
Former Dispenser Island
S WORTHEN ST.
<75.5
MW12
Truck Parking
Upriver Primary Containment Boom
Downriver Primary Containment Boom
COLUMBIA RIVER
River Bank
?

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
- 7,040 — DRPH Concentration ug/L
- >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
SEPTEMBER 2020
COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

DATE: 9-15-20
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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S

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MW22
MW21
760
Upriver Primary
Containment Boom
MW24
<100
?
MW10R
635
MW25
<100
SL04
MW26
<100
SL03
SL02
BH-3
<100
MW27
<100
SL01
RW-1
<100
MW20
349
?
MW28
218
BH01R
133
Downriver Primary
Containment Boom
MW29
MW19
<100
MW30
<100
SL05
BH-2
102
MW31
<100
COLUMBIA RIVER
?
MW09R
379
MW17
267
<100
MW32
CHEHALIS ST
<100
MW16
MW18
MW-8
683
2017 Remdial Excavation
SUMP#5
Former
Storage
Building
SUMP#6
MW-11
804
SUMP#3
East-West
Trench
North-South
Trench
MW15
Former Main Office
and Warehouse
Building
MW-7
MW14
3,830
SUMP#2
MW-6
168
MW23
<100
Former Truck
Loading Rack
East-West
Trench 2
MW-5
TP08
MW-4
West
Trench
SUMP#1
TP07
SUMP#4
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
2013 Remedial Excavation
<100
MW01S
MW-1
Former Control Valve Building
Former Above Ground Pumps
Tank Farm A Fuel ASTs
MW03S
<100
MW-3
Cardlock
Dispenser
Island
Former
Dispenser
Island
S WORTHEN ST.
<100
MW12
Truck
Parking
River Bank

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
- 2,180 — 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

FIGURE 6
GRPH IN GROUNDWATER
SEPTEMBER 2020
COLEMAN OIL COMPANY
3 CHEHALIS ST.
WENATCHEE, WA.

DATE: 9-15-20
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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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
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
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

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-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
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
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

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
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
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

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-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
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
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

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
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
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
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

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)
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
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
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
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	- - -	- - -	- - -
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

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
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
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
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
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

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)
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
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
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
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
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
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

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)
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
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
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
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

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
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

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**											
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	--	--	--	--
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	--	--	--	--
BH-2	4/10/2017	1,900 F	100,000	10,000	< 4.0	< 4.0	13	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	--	--	--	--

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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	--	--	--	--
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	--	--	--	--

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	--	--	--	--
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	--	--	--	--
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	--	--	--	--
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	--	--	--	--
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	--	--	--	--

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Groundwater Analytical Results - Fuels and VOCs
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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	--	--	--	--
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	--	--	--	--

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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	--	--	--	--
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	--	--	--	--
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	--	--	--	--

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**											
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	--	--	--	--
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	--	--	--	--
MW15	4/25/2018 iw	--	--	--	--	--	--	--	--	--	--	--
	8/29/20018 iw	--	--	--	--	--	--	--	--	--	--	--
	11/27/2018 iw	--	--	--	--	--	--	--	--	--	--	--
	3/26/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	8/26/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	12/19/19 iw	--	--	--	--	--	--	--	--	--	--	--
	3/23/20 iw	--	--	--	--	--	--	--	--	--	--	--
	8/30/20 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	--	--	--	--
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 F13	<151	<0.200	<1.00	<0.500	<1.50	--	--	--	--
MW18	4/26/2018 iw	--	--	--	--	--	--	--	--	--	--	--
	8/2920018 iw	--	--	--	--	--	--	--	--	--	--	--
	11/27/2018 iw	--	--	--	--	--	--	--	--	--	--	--
	3/26/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	8/26/2019 iw	--	--	--	--	--	--	--	--	--	--	--
	12/19/2012 iw	--	--	--	--	--	--	--	--	--	--	--
	3/23/20 iw	--	--	--	--	--	--	--	--	--	--	--
	8/30/2020 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**											
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	--	--	--	--
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	--	--	--	--
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	--	--	--	--

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	--	--	--	--
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	--	--	--	--

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	--	--	--	--
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	--	--	--	--
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	--	--	--	--

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**											
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	--	--	--	--
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	--	--	--	--	--	--	--	--	--	--	--
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	--	--	--	--

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	--	--	--	--
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	--	--	--	--

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
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.

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**

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.

APPENDIX A

GROUNDWATER SAMPLE COLLECTION FORMS

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW01S

Project Name: Column 0.1
Hydrocon Project #: 2017-074
Date: 8-31-20

Sample I.D. MW01S-W Time: 1130
Field Duplicate I.D. _____ Time: _____
Personnel: PMM

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 19.99 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 12.07 ft Intake Depth (BTOC) _____ Begin Purging Well: 1107
Casing volume _____ ft (H_2O) X 0.65 gal/ft = ~~0.65~~ 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)
1110	12.12	20.1	20.6	930	0.82 mg/L	6.55	158.8	1.87
1113	"	"	20.9	932	0.44	6.56	153.8	1.78
1116	"	"	20.8	932	0.32	6.56	150.8	1.76
1119	"	"	20.8	931	0.28	6.56	148.7	1.73
1122	"	"	20.8	931	0.27	6.57	147.6	1.77
1125	"	"	20.7	931	0.22	6.57	148.2	1.77

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
1L Amber	1	HCL	(No) 0.45 0.10	NWTPH-~~Gx~~ Dx
40 mL VOA	3	HCL	(No) 0.45 0.10	NWTPH-Gx & BTEX by 8260
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

Hydro Con

GROUNDWATER SAMPLE COLLECTION FORM

Well I.D. Number: MW03S

Project Name: Coleman Oil
Hydrocon Project #: 2017-074
Date 8-31-20

Sample I.D. MW03S-W Time: 1100
Field Duplicate I.D. ________ Time: ______
Personnel: RMG

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 19.30 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): ______
Depth to product ______ ft
Depth to water 8.15 ft Intake Depth (BTOC) ______ Begin Purging Well: 1030
Casing volume ______ ft (H_2O) X ______ gal/ft = 0.65 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)
1035	8.20	0.1	21.9	462.9	1.75 mg/L	6.99	132.0	4.67
1038	"	"	21.0	460.4	0.60	6.94	101.3	12.24
1041	"	"	20.9	459.8	0.30	6.94	81.5	10.92
1044	"	"	20.9	459.5	0.21	6.95	72.1	8.80
1047	"	"	20.8	459.2	0.19	6.95	63.0	7.72
1050	"	"	20.8	459.2	0.18	6.95	60.3	7.92

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
1 L Amber	1	HCL	(No) 0.45 0.10	NWTPH-Dx
40 mL VOA	3	HCL	(No) 0.45 0.10	NWTPH-Gx & BTEX by 8260
			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: MW06

Project Name:. Column 0.1
Hydrocon Project #: 2017-074
Date 8-31-20

Sample I.D. MW06-W Time: 1215
Field Duplicate I.D. MW100-W Time: 1215
Personnel: RMH

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 18.00 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product — ft
Depth to water 10.97 ft Intake Depth (BTOC) _____ Begin Purging Well: 1147
Casing volume _____ 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: —

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)
1150	11.03	≈0.1	20.2	709	0.43	6.54	-160.8	5.00
1153	"	"	20.3	711	0.27	6.53	-161.9	4.75
1156	"	"	20.4	708	0.15	6.53	-174.0	3.68
1159	"	"	20.4	709	0.15	6.53	-177.5	3.56
1202	"	"	20.4	709	0.14	6.53	-177.9	3.64
1205	"	"	20.4	708	0.13	6.53	-177.9	4.60

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
1 L Amb	2	HCl	(No) 0.45 0.10	NWTPH-Dx
40 mL VOA	6	HCl	(No) 0.45 0.10	NWTPH-Gx & Benz by 8260
			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: Coleman oil
Hydrocon Project #: 2017-074
Date 9-1-20

Sample I.D. MW08-G Time: 1055
Field Duplicate I.D. _____ Time: _____
Personnel: _____

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 25.00 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 15.60 ft Intake Depth (BTOC) _____ Begin Purging Well: 1030
Casing volume _____ 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: _____

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)
1035	15.66	≈0.1	18.4	830	0.29 mg/L	6.54	-85.7	261.13
1036	"	"	19.9	828	0.19	6.53	-88.8	249.99
1039	"	"	20.0	825	0.13	6.53	-90.3	199.59
1042	"	"	20.0	823	0.13	6.53	-90.5	221.63
1045	"	"	20.0	822	0.11	6.53	-91.5	237.96
1048	"	"	19.9	819	0.10	6.53	-92.4	226.17

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
1 L Amber	1	HCl	(No) 0.45 0.10	NWTPH-Dx
40 mL vial	3	HCl	(No) 0.45 0.10	NWTPH-Gx + BTEX by 8260
			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: MW09R-W

Project Name: Coleman 0.1
Hydrocon Project #: 2017-074
Date: R 9-1-20

Sample I.D. MW09R-W Time: 1010
Field Duplicate I.D. _____ Time: _____
Personnel: RAG

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 32.60 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product — ft
Depth to water 16.93 ft Intake Depth (BTOC) _____ Begin Purging Well: 0943
Casing volume _____ ft (H_2O) X _____ gal/ft = 0.65 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)
0946	16.99	~0.1	18.4	921	0.46 mg/L	6.57	-47.7	6.25
0949	"	"	18.4	928	0.21	6.55	-48.3	9.51
0952	"	"	18.3	925	0.16	6.56	-52.3	11.97
0955	"	"	18.3	922	0.14	6.56	-54.2	13.91
0958	"	"	18.2	918	0.11	6.56	-59.4	14.21
1001	"	"	18.3	920	0.10	6.56	-57.7	14.02

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
1L Amber	1	HCL	(No) 0.45 0.10	NWTPH-Dx
40 mL VOA	3	HCL	(No) 0.45 0.10	NWTPH-Dx & BTEX by 8260
			No 0.45 0.10	
			No 0.45 0.10	
			No 0.45 0.10	

Sampling Comments: _____

GROUNDWATER SAMPLE COLLECTION FORM

HydroCon

Well I.D. Number: MW10 R

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date 8/31/20

Sample I.D. MW10R-W Time: 1635
Field Duplicate I.D. MW101-W Time: 1645
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 33.59 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 13-33'
Depth to product - ft
Depth to water 24.17 ft Intake Depth (BTOC) 28' Begin Purging Well: 1612
Casing volume ____ 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 petro. odor, no 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)
1615	-		18.2	.874	1.58	6.56	-15.4	-
1618	-	0.190	19.1	.883	1.02	6.31	-19.6	-
1621	-		17.1	.873	0.82	6.19	-21.8	-
1624	-		17.5	.876	0.81	6.15	-23.2	-
1627	-		17.2	.874	0.84	6.15	-24.3	-
1630	-		17.1	.873	0.86	6.13	-27.9	-

Sample 1635/1645

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	6	HCl	(No) 0.45 0.10	Gx, BTEX
1 L amber	2	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: MW11

Project Name: Coleman 01
Hydrocon Project #: 207-074
Date 8-31-20

Sample I.D. MW11-W Time: 1440
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 22.00 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 14.02 ft Intake Depth (BTOC) _____ Begin Purging Well: 14 18
Casing volume _____ 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: _____

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)
1421	17.15	≥0.1	18.9	777	0.36 mg/L	6.58	-108.4	3.34
1424	"	"	18.7	775	0.22	6.58	-112.2	2.82
1427	"	"	18.8	771	0.14	6.58	-111.8	2.50
1430	"	"	18.8	771	0.13	6.58	-110.6	2.26
1433	"	"	18.9	771	0.10	6.58	-103.0	2.15
1436	"	"	18.9	771	0.10	6.58	-105.3	2.35

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
1L Amber	1	HCL	(No) 0.45 0.10	NWTPH-Dx
40mL VOA	3	HCL	(No) 0.45 0.10	NWTPH-Gx & BTEX by 8260
			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: MW12

Project Name: Coleman 0.1
Hydrocon Project #: 2017-074
Date 8-31-20

Sample I.D. MW12-W Time: 1015
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 19.52 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 8.13 ft Intake Depth (BTOC) _____ Begin Purging Well: 0951
Casing volume _____ ft (H_2O) X _____ gal/ft = 0.65 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)
0954	8.22	0.1	21.1	483.3	1.24 mg/L	6.85	193.8	1.77
0957	"	"	22.6	485.8	0.77	6.85	188.5	1.70
1000	"	"	23.7	486.2	0.69	6.89	181.3	1.55
1003	"	"	20.1	475.1	0.52	6.94	169.9	1.85
1006	"	"	20.0	470.3	0.22	6.99	165.0	1.99
1009	"	"	20.0	470.5	0.21	6.99	162.8	1.90

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
1L Amb	1	HCl	(No) 0.45 0.10	NWTPH-Dx
40mL VOA	3	HCl	(No) 0.45 0.10	NWTPH-Gx BTEX By 8260
			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: MW13R

Project Name: Colony Oil
Hydrocon Project #: 2017-074
Date 8-31-20

Sample I.D. MW13R-W Time: 1340
Field Duplicate I.D. _____ Time: _____
Personnel: MM

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 18.96 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 7.48 ft Intake Depth (BTOC) _____ Begin Purging Well: 1312
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)
1315	7.53	~0.1	21.7	827	9.71	7.13	131.2	5.46
1318	"	"	22.3	835	9.92	7.13	136.9	4.22
1321	"	"	22.0	837	9.94	7.13	140.7	3.20
1324	"	"	21.5	836	9.67	7.14	144.7	3.70
1327	"	"	21.5	836	9.65	7.17	144.9	4.27
1330	"	"	21.4	836	9.61	7.14	145.2	4.20

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
1L Amber	1	HCL	(No) 0.45 0.10	NWTPH-Dx
40 mL VOA	3	HCL	(No) 0.45 0.10	NWTPH-Gx & BTEX by 8260
			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: Colema 0.1
Hydrocon Project #: 2017-074
Date 8-31-20

Sample I.D. MW14-W Time: 1410
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 20.02 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product — ft
Depth to water 8.16 ft Intake Depth (BTOC) _____ Begin Purging Well: 1345
Casing volume _____ 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: _____

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)
1348	8.16	0.1	19.2	840	0.49	6.87	-139.6	2.15
1351	"	"	19.1	839	0.25	6.85	-152.9	2.77
1354	"	"	19.0	838	0.16	6.86	-172.5	3.50
1357	"	"	19.0	838	0.13	6.86	-177.9	4.28
1400	"	"	18.9	836	0.12	6.86	-180.6	5.16
1403	"	"	18.9	838	0.10	6.86	-183.7	5.10

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
1 L Amber	1	HCl	(No) 0.45 0.10	NwTPH-Dx
40 mL VOA	3	HCl	(No) 0.45 0.10	NwTPH-Gx & BTEX by 8260
			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: MW16

Project Name: Column 0.1
Hydrocon Project #: 2017-074
Date 9-1-20

Sample I.D. MW16-W Time: 0810
Field Duplicate I.D. _____ Time: _____
Personnel: RAL

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 29.15 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product — ft
Depth to water 9.41 ft Intake Depth (BTOC) _____ Begin Purging Well: 0745
Casing volume _____ 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: _____

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)
0748	9.44	0.1	18.0	~~2.70~~ 663	2.70	6.69	178.5	2.21
0751	9.44	"	18.4	648	2.55	6.66	174.5	1.99
0754	9.44	"	18.2	643	2.55	6.68	173.7	1.90
0757	9.44	"	18.2	634	2.57	6.70	171.7	1.94
0800	9.44	"	18.1	~~632~~	2.61	6.71	170.7	1.92
0803	9.44	"	18.1	632	2.72	6.71	170.8	1.84

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
1 L Amber	1	HCL	(No) 0.45 0.10	NWTPH-Dx
40mL Vial	3	HCL	(No) 0.45 0.10	NWTPH-Gx & BTEX by 8260
			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: MW17

Project Name: Coleman Oil
Hydrocon Project #: 2017-074
Date 9-1-20

Sample I.D. MW17-W Time: 0925
Field Duplicate I.D. MW102-W Time: 0925
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 29.41 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 13.93 ft Intake Depth (BTOC) _____ Begin Purging Well: 0855
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)
0900	13.98	≈0.1	18.8	1119	0.29 mg/L	6.96	-145.4	11.31
0903	"	"	18.8	1120	0.16	6.96	-147.5	11.44
0906	"	"	18.8	1120	0.12	6.96	-148.7	11.69
0909	"	"	18.7	1117	0.08	6.96	-147.8	10.52
0912	"	"	18.7	1117	0.08	6.97	-147.9	10.31
0915	"	"	18.7	1115	0.07	6.97	-148.0	10.17

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
1 L Amber	2	HCL	(No) 0.45 0.10	NWTPH-Dx
40 mL VOA	6	HCL	(No) 0.45 0.10	NWTPH-Gx & BTEX at 8260
			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: MW19

Project Name: Column 0-1
Hydrocon Project #: 2017-074
Date 9-2-20

Sample I.D. MW19-W Time: 0855
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 31.48 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 27.90 ft Intake Depth (BTOC) _____ Begin Purging Well: 0809
Casing volume _____ 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: _____

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)
0812	27.98	20.4	19.4	1093	0.37	6.37	-138.8	19.55
0815	"	"	19.3	1082	0.33	6.38	-143.4	8.84
0818	"	"	19.3	1077	0.26	6.73	-142.5	5.72
0821	"	"	19.2	1031	0.23	6.74	-142.5	6.99
0824	"	"	19.1	1027	0.22	6.74	-143.5	7.79
0827	"	"	19.0	1027	0.21	6.74	-142.8	7.83

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
1 L Amber	1	HCl	(No) 0.45 0.10	NWTPH-Dx
40ml VOA	3	HCl	(No) 0.45 0.10	NWTPH-Gx & BTEX by 8260
			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:. Coleman 01 Wenatchee
Hydrocon Project #: 2017 - 074
Date 9/2/20

Sample I.D. MW20 - W Time: 0830
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 22.20 ft Intake Depth (BTOC) 28' Begin Purging Well: 0806
Casing volume 7.30 ft (H_2O) X 0.65 gal/ft = 4.75 gal. X 3 = 14.25 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: Musty, no 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)
0811	22.33		18.9	.761	0.92	5.90	13.0	-
0814	22.37	0.100	18.3	.763	0.71	5.84	-3.5	-
0817	22.44	0.125 ↑	17.9	.762	0.60	5.76	-6.9	-
0820	22.48		17.8	.760	0.57	5.73	-7.7	-
0823	22.53		17.8	.758	0.54	5.71	-8.9	-
0826	22.57		17.7	.759	0.53	5.71	-10.1	-
			Sample @ 0830					

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	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

Well I.D. Number: MW21

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date: 8/31/20

Sample I.D.: MW21-W Time: 1505
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 20.24 ft Intake Depth (BTOC) 25' Begin Purging Well: 1442
Casing volume 11.86 ft (H_2O) X 0.65 gal/ft = 7.71 gal. X 3 = 23.13 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 organic odor, no 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)
1445	20.34		18.6	.915	1.08	10.68	-38.4	-
1448	20.38		17.0	.894	0.71	7.06	-37.7	-
1451	20.43	0.160	16.7	.894	0.61	6.41	-37.9	-
1454	20.48		16.7	.890	0.56	6.28	-38.4	-
1457	20.53		16.7	.889	0.53	6.23	-39.1	-
1500	20.56		16.5	.890	0.51	6.21	-39.8	-
			Sample @ 1505					

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

Well I.D. Number: MW23

Project Name: Coleman Oil
Hydrocon Project #: 2017-074
Date 8-31-20

Sample I.D. MW23-W Time: 1305
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 22.04 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): ______
Depth to product ______ ft
Depth to water 11.48 ft Intake Depth (BTOC) ______ Begin Purging Well: 1240
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)
1243	11.54	≈0.1	20.1	719	0.26 mg/L	6.51	1.9	3.72
1246	"	"	20.1	722	0.20	6.52	-0.2	3.33
1249	"	"	20.0	720	0.19	6.51	-8.8	3.33
1252	"	"	19.9	722	0.15	6.51	-10.7	3.38
1255	"	"	19.9	721	0.12	6.51	-15.2	2.95
1258	"	"	19.9	723	0.11	6.51	-15.2	3.08

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
1 L Amber	1	HCL	(No) 0.45 0.10	TPH NWTPH-Dx
40ml VOA	3	HCL	(No) 0.45 0.10	NWTPH-Gx BTEX 8260
			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: MW24

Project Name:. Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date 8/31/20

Sample I.D. MW24-W Time: 1550
Field Duplicate I.D. - Time: -
Personnel: CJ

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 system well

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 27.30 ft Intake Depth (BTOC) 30' Begin Purging Well: 1527
Casing volume 6.95 ft (H_2O) X 0.65 gal/ft = 4.52 gal. X 3 = 13.56 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: V faint petro 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)
1530	-		18.9	.952	4.38	7.74	31.5	-
1533	-		16.7	.937	3.71	6.62	24.3	-
1536	-	0.155	17.0	.931	3.39	6.46	7.2	-
1539	-		16.8	.927	3.09	6.42	-8.2	-
1542	-		16.6	.923	3.08	6.39	-12.0	-
1545	-		16.9	.923	2.99	6.38	-14.0	-
	27.40							

Sample @ 1550

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

Well I.D. Number: MW25

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date: 9/1/20

Sample I.D.: MW25-W Time: 0800
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: pulled sock from well, no product

PURGING INFORMATION

Total well depth 32.96 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 12 - 32'
Depth to product - ft
Depth to water 24.72 ft Intake Depth (BTOC) 28' Begin Purging Well: 0744
Casing volume 8.24 ft (H_2O) X 0.65 gal/ft = 5.356 gal. X 3 = 16.07 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)
0748	24.88		17.2	.830	1.12	6.51	-20.1	+
0751	24.94		16.6	.823	0.61	6.58	-58.8	+
0754	25.07	0.150	16.4	.821	0.57	6.60	-64.7	+
0757	25.16		16.2	.820	0.56	6.62	-64.1	+
0800	25.24		16.1	.819	0.54	6.64	-58.9	+
			Sample @ 0800					

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	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

Hydro Con

Well I.D. Number: MW26

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date: 9/1/20

Sample I.D.: MW26-W Time: 0840
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 33.52 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 13-33'
Depth to product - ft
Depth to water 25.39 ft Intake Depth (BTOC) 28' Begin Purging Well: 0817
Casing volume 8.13 ft (H_2O) X 0.65 gal/ft = 5.285 gal. X 3 = 15.855 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)
0821	25.56		18.2	1.086	1.07	6.45	-58.4	-
0824	25.64		17.3	1.071	0.63	6.37	-70.3	-
0827	25.73	0.125	17.2	1.067	0.56	6.34	-71.9	-
0830	25.81		17.1	1.064	0.53	6.32	-73.1	-
0833	25.87		17.2	1.062	0.51	6.31	-74.1	-
0836								

Sample @ 0840

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	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

Well I.D. Number: MW27

Project Name:. Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date 9/1/20

Sample I.D. MW27-W Time: 0955
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 38.74 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 13-38'
Depth to product - ft
Depth to water 23.03 ft Intake Depth (BTOC) 27' Begin Purging Well: 0934
Casing volume 15.71 ft (H_2O) X 0.65 gal/ft = 10.21 gal. X 3 = 30.63 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)
0939	23.17		18.8	.926	0.93	6.49	-38.0	-
0942	23.22		18.5	.917	0.76	6.35	-48.7	-
0945	23.27	0.100	18.5	.916	0.67	6.30	-53.1	-
0948	23.33		18.3	.917	0.66	6.29	-55.7	-
0951	23.38		18.2	.914	0.60	6.28	-57.4	-
0954								
		Sample @ 0955						

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: MW28

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date 9/1/20

Sample I.D. MW28-W Time: 1130
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 system well

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 24.00 ft Intake Depth (BTOC) 28' Begin Purging Well: 1101
Casing volume 14.74 ft (H_2O) X 0.65 gal/ft = 9.58 gal. X 3 = 28.74 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)
1106	-		22.8	.871	2.67	6.68	-47.5	-
1109	-		20.7	.864	0.86	6.35	-59.3	-
1112	-		20.5	.864	0.70	6.26	-63.0	-
1115	-	0.115	20.3	.864	0.62	6.24	-65.1	-
1118	-		20.7	.865	0.56	6.23	-66.6	-
1121	-		20.4	.864	0.54	6.23	-67.7	-
		Sample @			1130			

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

Well I.D. Number: MW30

Project Name:. Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date 8/31/20

Sample I.D. MW30 - W Time: 1345
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 system well

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 35.23 ft Intake Depth (BTOC) 39' Begin Purging Well: 1253
Casing volume _____ 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: _____

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)
1313	35.38		27.3	.952	3.87	6.77	-80.9	+
1316	35.44		27.6	.952	3.59	6.80	-79.2	+
1319	35.47	.06	27.7	.950	3.36	6.80	-78.7	+
1322	35.48		27.8	.950	3.00	6.78	-78.0	+
1325	35.46	.140 ↑	25.4	.963	1.83	6.91	-81.5	++
1328	35.67		19.2	.962	0.90	7.00	-88.6	+++
1331	35.75		18.4	.956	0.52	6.61	-91.4	+++
1334	35.83		18.0	.953	0.55	6.53	-91.9	+++
1337	35.93		17.8	.949	0.59	6.49	-91.0	+++
1340	36.01		17.7	.947	0.59	6.47	-90.5	+++
			Sample @ 1345					

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

Well I.D. Number: MW31

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date: 8/31/20

Sample I.D. MW31-W Time: 1010
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 39.28 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 15-40'
Depth to product - ft
Depth to water 34.16 ft Intake Depth (BTOC) 39' Begin Purging Well: 0941
Casing volume _____ 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: None

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)
0946	34.18		17.9	1.456	3.64	6.58	-25.4	+
0949	34.20		17.7	1.379	1.30	6.43	-55.2	+
0952	34.26		18.4	1.364	1.08	6.41	-63.5	+
0955	34.28	0.10	18.1	1.372	1.06	6.43	-66.2	+
0958	34.31		18.1	1.356	0.95	6.42	-69.3	+
1001	34.33		18.2	1.360	0.92	6.42	-70.1	+
1004	34.35		18.3	1.361	0.90	6.43	-70.1	+
			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: _____

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

Well I.D. Number: MW32

Project Name: Coleman oil
Hydrocon Project #: 2017-074
Date 9-1-20

Sample I.D. MW32-W Time: 0850
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 39.02 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 11.51 ft Intake Depth (BTOC) _____ Begin Purging Well: 0822
Casing volume _____ ft (H_2O) X _____ gal/ft = 0.65 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. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
0825	11.55	≈0.1	19.7	278.7	0.69	6.53	174.0	4.30
0828	"	"	19.7	279.4	0.63	6.50	170.7	4.40
0831	"	"	19.7	283.3	0.48	6.50	156.9	5.06
0834	"	"	19.7	291.0	0.41	6.51	141.9	5.70
0837	"	"	19.6	301.0	0.33	6.50	134.8	4.95
0840	"	"	19.7	311.0	0.31	6.50	131.9	4.93

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
1L Amber	1	HCL	(No) 0.45 0.10	NWTPH-Dx
40mL VOA	3	HCL	(No) 0.45 0.10	NWTPH-Gx & BTEX by 8260
			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: BH01R ~~1140~~

Project Name: Coleman Oil
Hydrocon Project #: 2017-074
Date 9-1-20

Sample I.D. BH01R-W Time: 1140
Field Duplicate I.D. _____ Time: _____
Personnel: ZAH

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 39.97 ft Bottom: ☐ Hard ☐ Soft ☑ Not measured Screen Interval(s): _____
Depth to product _____ ft
Depth to water 23.76 ft Intake Depth (BTOC) _____ Begin Purging Well: 1112
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. (mS/cm) (±3%)	Dissolved Oxygen (±10% or ≤1.00 ±0.2)	pH (SU) (±0.1)	ORP (mV)	Turbidity (NTU) (± 10% or ≤10)
1115	23.83	~0.1	20.8	947	0.31 mg/L	6.64	-71.0	186.53
1118	"	~0.1	20.7	947	0.30	6.64	-70.7	79.46
1121	"	~0.1	20.7	945	0.27	6.64	-69.5	176.59
1124	"	"	20.6	940	0.22	6.63	-65.6	67.98
1125	"	"	20.9	940	0.20	6.63	-65.9	167.90
1130	"	"	20.9	940	0.20	6.64	-65.9	167.45

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
1 L Amb	1	HCl	(No) 0.45 0.10	NWTPH-Dx
40mL VOA	3	HCl	(No) 0.45 0.10	NWTPH-Gx + BTEX by 8260
			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: 8/31/20

Sample I.D.: BH02-W Time: 1150
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 28.40 ft Intake Depth (BTOC) 34.5' Begin Purging Well: 1118
Casing volume _____ ft (H_2O) X 0.16 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: V light petro 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)
1123	~~28.41~~		19.8	.880	3.78	6.63	-52.0	-
1126	28.51		19.1	.868	1.23	6.37	-58.9	-
1129	28.54		19.3	.866	1.06	6.31	-61.1	-
1132	28.64	0.09	20.1	.861	0.99	6.28	-63.0	-
1135	28.79	0.150↑	19.4	.869	1.01	6.32	-63.6	-
1138	28.96		17.8	.852	0.90	6.30	-63.7	+
1141	29.15		18.2	.848	0.75	6.24	-64.2	-
1144	29.28		18.0	.850	0.74	6.24	-64.3	-

Sample @ 1150

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

Well I.D. Number: BH03

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date: 9/1/20

Sample I.D.: BH03-W Time: 0915
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 30.00 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 15-30
Depth to product - ft
Depth to water 25.48 ft Intake Depth (BTOC) 29' Begin Purging Well: 0852
Casing volume 4.52 ft (H_2O) X 0.16 gal/ft = .723 gal. X 3 = 2.169 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)
0858	25.75		18.8	1.072	0.75	6.36	-27.2	-
0901	25.84	0.085	18.2	1.064	0.63	6.23	-32.8	-
0904	26.01		18.0	1.063	0.57	6.17	-36.8	-
0907	26.11		17.9	1.061	0.55	6.16	-38.4	-
0910	26.28		17.5	1.058	0.53	6.14	-39.4	-
0913								
			Sample @ 0915					

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

Well I.D. Number: RW01

Project Name: Coleman Oil Wenatchee
Hydrocon Project #: 2017-074
Date: 9/1/20

Sample I.D.: RW01-W Time: 1040
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 3"
Comments _____

PURGING INFORMATION

Total well depth 29.55 ft Bottom: ☐ Hard ☐ Soft ☒ Not measured Screen Interval(s): 15-30'
Depth to product - ft
Depth to water 25.78 ft Intake Depth (BTOC) 29' Begin Purging Well: 1008
Casing volume 3.72 ft (H_2O) X 0.333 gal/ft = 1.25 gal. X 3 = 3.75 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)
1012	26.00		18.0	1.076	1.87	6.72	-60.5	-
1015	26.08	0.120	17.4	1.053	1.00	6.62	-54.4	-
1018	26.19		17.3	1.040	0.89	6.53	-41.5	-
1021	26.31		18.0	1.016	0.76	6.49	-29.5	-
1024	26.41		17.8	1.004	0.69	6.50	-22.9	-
1027	26.51		17.9	.984	0.63	6.49	-15.7	-
1030	26.60		18.0	.982	0.62	6.49	-12.0	-
1033	26.68		17.9	.976	0.67	6.48	-13.0	
		Sample	@		1040			

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: _____

APPENDIX B

LABORATORY REPORT WITH CHAIN-OF-CUSTODY DOCUMENTATION

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

AMENDED REPORT

Friday, September 18, 2020

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

RE: A0I0140 - 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 A0I0140, which was received by the laboratory on 9/3/2020 at 3:55:00PM.

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

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

Cooler Receipt Information

(See Cooler Receipt Form for details)

Cooler #1	5.2 degC	Cooler #2	5.8 degC
Cooler #3	2.6 degC	Cooler #4	5.6 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

Lisa A Domenighini

Lisa Domenighini, Client Services Manager

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.

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
MW01S-W	A0I0140-01	Water	08/31/20 11:30	09/03/20 15:55
MW03S-W	A0I0140-02	Water	08/31/20 11:00	09/03/20 15:55
MW06-W	A0I0140-03	Water	08/31/20 12:15	09/03/20 15:55
MW08-W	A0I0140-04	Water	09/01/20 10:55	09/03/20 15:55
MW09R-W	A0I0140-05	Water	09/01/20 10:10	09/03/20 15:55
MW10R-W	A0I0140-06	Water	08/31/20 16:35	09/03/20 15:55
MW11-W	A0I0140-07	Water	08/31/20 14:40	09/03/20 15:55
MW12-W	A0I0140-08	Water	08/31/20 10:15	09/03/20 15:55
MW13R-W	A0I0140-09	Water	08/31/20 13:40	09/03/20 15:55
MW14-W	A0I0140-10	Water	08/31/20 14:10	09/03/20 15:55
MW16-W	A0I0140-11	Water	09/01/20 08:10	09/03/20 15:55
MW17-W	A0I0140-12	Water	09/01/20 09:25	09/03/20 15:55
MW19-W	A0I0140-13	Water	09/02/20 08:35	09/03/20 15:55
MW20-W	A0I0140-14	Water	09/02/20 08:30	09/03/20 15:55
MW21-W	A0I0140-15	Water	08/31/20 15:05	09/03/20 15:55
MW23-W	A0I0140-16	Water	08/31/20 13:05	09/03/20 15:55
MW24-W	A0I0140-17	Water	08/31/20 15:50	09/03/20 15:55
MW25-W	A0I0140-18	Water	09/01/20 08:00	09/03/20 15:55
MW26-W	A0I0140-19	Water	09/01/20 08:40	09/03/20 15:55
MW27-W	A0I0140-20	Water	09/01/20 09:55	09/03/20 15:55
MW28-W	A0I0140-21	Water	09/01/20 11:30	09/03/20 15:55
MW30-W	A0I0140-22	Water	08/31/20 13:45	09/03/20 15:55
MW31-W	A0I0140-23	Water	08/31/20 10:10	09/03/20 15:55
MW32-W	A0I0140-24	Water	09/01/20 08:50	09/03/20 15:55
BH01R-W	A0I0140-25	Water	09/01/20 11:40	09/03/20 15:55
BH02-W	A0I0140-26	Water	08/31/20 11:50	09/03/20 15:55
BH03-W	A0I0140-27	Water	09/01/20 09:15	09/03/20 15:55
RW01-W	A0I0140-28	Water	09/01/20 10:40	09/03/20 15:55
MW100-W	A0I0140-29	Water	08/31/20 12:15	09/03/20 15:55
MW101-W	A0I0140-30	Water	08/31/20 16:45	09/03/20 15:55
MW102-W	A0I0140-31	Water	09/01/20 09:25	09/03/20 15:55
Blank-310820	A0I0140-32	Water	08/31/20 12:25	09/03/20 15:55

Apex Laboratories

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**

ANALYTICAL REPORT FOR SAMPLES

SAMPLE INFORMATION

Client Sample ID	Laboratory ID	Matrix	Date Sampled	Date Received
Trip Blank	**A0I0140-33**	**Water**	**08/31/20 00:00**	**09/03/20 15:55**

Apex Laboratories

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Lisa Domenighini, Client Services Manager

Apex Laboratories, LLC

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**

ANALYTICAL CASE NARRATIVE

Work Order: A0I0140

Amended Final Report Revision 1:

NWTPH-Dx Data Correction

This report supersedes all previous reports.

Sample MW-16 (A0I0140-11): Originally reported Oil with a positive result and non-detect for Diesel. After further review of the GC chromatogram the product was determined to be more consistent with diesel range organics. The Diesel result is 197 ug/L and is qualified with F-11 " The hydrocarbon pattern indicates possible weathered diesel, or a contribution from a related product."

Sample MW-102W (A0I0140-31): Originally reported Oil with a positive result. After further review of the GC chromatogram the product was determined to be more consistent with a single diesel range product. The product was integrated to include all diesel range organics. The Diesel result changed from 1230 ug/ L to 1430 ug/L. Oil is reported as non-detect.

Mark Zehr
Organics Manager
9/18/2020

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**

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
MW01S-W (A0I0140-01)				**Matrix: Water**		**Batch: 0090289**		
Diesel	**108**	---	77.7	ug/L	1	09/11/20 04:08	NWTPH-Dx LL	**F-11**
Oil	ND	---	155	ug/L	1	09/11/20 04:08	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 100 %*	*Limits: 50-150 %*		*1*	*09/11/20 04:08*	*NWTPH-Dx LL*	
MW03S-W (A0I0140-02)				**Matrix: Water**		**Batch: 0090289**		
Diesel	**86.0**	---	75.5	ug/L	1	09/11/20 04:29	NWTPH-Dx LL	**F-11**
Oil	ND	---	151	ug/L	1	09/11/20 04:29	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 107 %*	*Limits: 50-150 %*		*1*	*09/11/20 04:29*	*NWTPH-Dx LL*	
MW06-W (A0I0140-03)				**Matrix: Water**		**Batch: 0090289**		
Diesel	**1180**	---	75.5	ug/L	1	09/11/20 04:50	NWTPH-Dx LL	**F-11**
Oil	ND	---	151	ug/L	1	09/11/20 04:50	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 89 %*	*Limits: 50-150 %*		*1*	*09/11/20 04:50*	*NWTPH-Dx LL*	
MW08-W (A0I0140-04)				**Matrix: Water**		**Batch: 0090289**		
Diesel	**1960**	---	75.5	ug/L	1	09/11/20 05:10	NWTPH-Dx LL	
Oil	ND	---	151	ug/L	1	09/11/20 05:10	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 93 %*	*Limits: 50-150 %*		*1*	*09/11/20 05:10*	*NWTPH-Dx LL*	
MW09R-W (A0I0140-05)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**2330**	---	75.5	ug/L	1	09/11/20 22:22	NWTPH-Dx LL	**F-13**
Oil	ND	---	151	ug/L	1	09/11/20 22:22	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 72 %*	*Limits: 50-150 %*		*1*	*09/11/20 22:22*	*NWTPH-Dx LL*	
MW10R-W (A0I0140-06)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**2130**	---	74.8	ug/L	1	09/11/20 22:45	NWTPH-Dx LL	**F-13**
Oil	ND	---	150	ug/L	1	09/11/20 22:45	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 81 %*	*Limits: 50-150 %*		*1*	*09/11/20 22:45*	*NWTPH-Dx LL*	
MW11-W (A0I0140-07)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**1870**	---	75.5	ug/L	1	09/11/20 23:07	NWTPH-Dx LL	**F-13**
Oil	ND	---	151	ug/L	1	09/11/20 23:07	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 88 %*	*Limits: 50-150 %*		*1*	*09/11/20 23:07*	*NWTPH-Dx LL*	
MW12-W (A0I0140-08)				**Matrix: Water**		**Batch: 0090324**		
Diesel	ND	---	75.5	ug/L	1	09/11/20 23:30	NWTPH-Dx LL	

Apex Laboratories

Lisa Domenighini, Client Services Manager

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**

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
MW12-W (A0I0140-08)				**Matrix: Water**		**Batch: 0090324**		
Oil	ND	---	151	ug/L	1	09/11/20 23:30	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 76 %*	*Limits: 50-150 %*		*1*	*09/11/20 23:30*	*NWTPH-Dx LL*	
MW13R-W (A0I0140-09)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**666**	---	75.5	ug/L	1	09/11/20 23:53	NWTPH-Dx LL	**F-11**
Oil	ND	---	151	ug/L	1	09/11/20 23:53	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 88 %*	*Limits: 50-150 %*		*1*	*09/11/20 23:53*	*NWTPH-Dx LL*	
MW14-W (A0I0140-10)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**825**	---	75.5	ug/L	1	09/12/20 00:16	NWTPH-Dx LL	**F-11, F-20**
Oil	ND	---	151	ug/L	1	09/12/20 00:16	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 83 %*	*Limits: 50-150 %*		*1*	*09/12/20 00:16*	*NWTPH-Dx LL*	
MW16-W (A0I0140-11)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**197**	---	75.5	ug/L	1	09/12/20 00:38	NWTPH-Dx LL	**AMEND, F-11**
Oil	ND	---	151	ug/L	1	09/12/20 00:38	NWTPH-Dx LL	AMEND
Surrogate: o-Terphenyl (Surr)		*Recovery: 77 %*	*Limits: 50-150 %*		*1*	*09/12/20 00:38*	*NWTPH-Dx LL*	
MW17-W (A0I0140-12)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**2890**	---	75.5	ug/L	1	09/12/20 01:01	NWTPH-Dx LL	**F-13**
Oil	ND	---	151	ug/L	1	09/12/20 01:01	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 60 %*	*Limits: 50-150 %*		*1*	*09/12/20 01:01*	*NWTPH-Dx LL*	
MW19-W (A0I0140-13)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**527**	---	75.5	ug/L	1	09/12/20 01:24	NWTPH-Dx LL	**F-13**
Oil	ND	---	151	ug/L	1	09/12/20 01:24	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 83 %*	*Limits: 50-150 %*		*1*	*09/12/20 01:24*	*NWTPH-Dx LL*	
MW20-W (A0I0140-14)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**987**	---	75.5	ug/L	1	09/11/20 21:14	NWTPH-Dx LL	**F-13**
Oil	ND	---	151	ug/L	1	09/11/20 21:14	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 79 %*	*Limits: 50-150 %*		*1*	*09/11/20 21:14*	*NWTPH-Dx LL*	
MW21-W (A0I0140-15)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**1010**	---	75.5	ug/L	1	09/11/20 21:37	NWTPH-Dx LL	**F-13**
Oil	ND	---	151	ug/L	1	09/11/20 21:37	NWTPH-Dx LL	

Apex Laboratories

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Lisa Domenighini, Client Services Manager

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**

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
MW21-W (A0I0140-15)				**Matrix: Water**		**Batch: 0090324**		
Surrogate: o-Terphenyl (Surr)		*Recovery: 74 %*	*Limits: 50-150 %*		*1*	*09/11/20 21:37*	*NWTPH-Dx LL*	
MW23-W (A0I0140-16)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**960**	---	75.5	ug/L	1	09/11/20 21:59	NWTPH-Dx LL	**F-11**
Oil	ND	---	151	ug/L	1	09/11/20 21:59	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 83 %*	*Limits: 50-150 %*		*1*	*09/11/20 21:59*	*NWTPH-Dx LL*	
MW24-W (A0I0140-17)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**443**	---	74.8	ug/L	1	09/11/20 22:22	NWTPH-Dx LL	**F-11**
Oil	ND	---	150	ug/L	1	09/11/20 22:22	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 79 %*	*Limits: 50-150 %*		*1*	*09/11/20 22:22*	*NWTPH-Dx LL*	
MW25-W (A0I0140-18)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**154**	---	74.8	ug/L	1	09/11/20 22:45	NWTPH-Dx LL	**F-11**
Oil	ND	---	150	ug/L	1	09/11/20 22:45	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 76 %*	*Limits: 50-150 %*		*1*	*09/11/20 22:45*	*NWTPH-Dx LL*	
MW26-W (A0I0140-19)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**235**	---	74.8	ug/L	1	09/11/20 23:07	NWTPH-Dx LL	**F-11**
Oil	ND	---	150	ug/L	1	09/11/20 23:07	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 72 %*	*Limits: 50-150 %*		*1*	*09/11/20 23:07*	*NWTPH-Dx LL*	
MW27-W (A0I0140-20)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**838**	---	74.8	ug/L	1	09/11/20 23:30	NWTPH-Dx LL	**F-11**
Oil	ND	---	150	ug/L	1	09/11/20 23:30	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 82 %*	*Limits: 50-150 %*		*1*	*09/11/20 23:30*	*NWTPH-Dx LL*	
MW28-W (A0I0140-21)				**Matrix: Water**		**Batch: 0090324**		
Diesel	**1490**	---	75.5	ug/L	1	09/11/20 23:53	NWTPH-Dx LL	**F-11**
Oil	ND	---	151	ug/L	1	09/11/20 23:53	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 88 %*	*Limits: 50-150 %*		*1*	*09/11/20 23:53*	*NWTPH-Dx LL*	
MW30-W (A0I0140-22)				**Matrix: Water**		**Batch: 0090324**		**PRES**
Diesel	**6200**	---	75.5	ug/L	1	09/12/20 00:16	NWTPH-Dx LL	**F-13**
Oil	**1120**	---	151	ug/L	1	09/12/20 00:16	NWTPH-Dx LL	

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ORELAP ID: **OR100062**

AMENDED 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**	**A0I0140 - 09 18 20 0809**

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
MW30-W (A0I0140-22)				**Matrix: Water**		**Batch: 0090324**		**PRES**
Surrogate: o-Terphenyl (Surr)		*Recovery: 91 %*	*Limits: 50-150 %*		*1*	*09/12/20 00:16*	*NWTPH-Dx LL*	
MW31-W (A0I0140-23)				**Matrix: Water**		**Batch: 0090324**		**PRES**
Diesel	ND	---	75.5	ug/L	1	09/12/20 00:38	NWTPH-Dx LL	
Oil	ND	---	151	ug/L	1	09/12/20 00:38	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 92 %*	*Limits: 50-150 %*		*1*	*09/12/20 00:38*	*NWTPH-Dx LL*	
MW32-W (A0I0140-24)				**Matrix: Water**		**Batch: 0090324**		
Diesel	ND	---	75.5	ug/L	1	09/12/20 01:01	NWTPH-Dx LL	
Oil	ND	---	151	ug/L	1	09/12/20 01:01	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 94 %*	*Limits: 50-150 %*		*1*	*09/12/20 01:01*	*NWTPH-Dx LL*	
BH01R-W (A0I0140-25)				**Matrix: Water**		**Batch: 0090334**		
Diesel	**2740**	---	75.5	ug/L	1	09/11/20 22:12	NWTPH-Dx LL	**F-13**
Oil	ND	---	151	ug/L	1	09/11/20 22:12	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 69 %*	*Limits: 50-150 %*		*1*	*09/11/20 22:12*	*NWTPH-Dx LL*	
BH02-W (A0I0140-26)				**Matrix: Water**		**Batch: 0090334**		
Diesel	**3820**	---	75.5	ug/L	1	09/11/20 22:33	NWTPH-Dx LL	**F-13**
Oil	ND	---	151	ug/L	1	09/11/20 22:33	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 99 %*	*Limits: 50-150 %*		*1*	*09/11/20 22:33*	*NWTPH-Dx LL*	
BH03-W (A0I0140-27)				**Matrix: Water**		**Batch: 0090334**		**PRES**
Diesel	**546**	---	75.5	ug/L	1	09/11/20 22:53	NWTPH-Dx LL	**F-13**
Oil	ND	---	151	ug/L	1	09/11/20 22:53	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 100 %*	*Limits: 50-150 %*		*1*	*09/11/20 22:53*	*NWTPH-Dx LL*	
RW01-W (A0I0140-28)				**Matrix: Water**		**Batch: 0090334**		**PRES**
Diesel	**145**	---	75.5	ug/L	1	09/11/20 23:14	NWTPH-Dx LL	**F-11**
Oil	ND	---	151	ug/L	1	09/11/20 23:14	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 100 %*	*Limits: 50-150 %*		*1*	*09/11/20 23:14*	*NWTPH-Dx LL*	
MW100-W (A0I0140-29)				**Matrix: Water**		**Batch: 0090334**		
Diesel	**1640**	---	75.5	ug/L	1	09/11/20 23:35	NWTPH-Dx LL	**F-11**
Oil	ND	---	151	ug/L	1	09/11/20 23:35	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 103 %*	*Limits: 50-150 %*		*1*	*09/11/20 23:35*	*NWTPH-Dx LL*	

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

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
MW101-W (A0I0140-30)				**Matrix: Water**		**Batch: 0090334**		
Diesel	**1680**	---	75.5	ug/L	1	09/11/20 23:55	NWTPH-Dx LL	**F-13**
Oil	ND	---	151	ug/L	1	09/11/20 23:55	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 102 %*	*Limits: 50-150 %*		*1*	*09/11/20 23:55*	*NWTPH-Dx LL*	
MW102-W (A0I0140-31)				**Matrix: Water**		**Batch: 0090289**		
Diesel	**1430**	---	74.8	ug/L	1	09/11/20 02:05	NWTPH-Dx LL	**AMEND, F-13**
Oil	ND	---	150	ug/L	1	09/11/20 02:05	NWTPH-Dx LL	AMEND
Surrogate: o-Terphenyl (Surr)		*Recovery: 71 %*	*Limits: 50-150 %*		*1*	*09/11/20 02:05*	*NWTPH-Dx LL*	
Blank-310820 (A0I0140-32)				**Matrix: Water**		**Batch: 0090289**		
Diesel	ND	---	74.8	ug/L	1	09/11/20 02:25	NWTPH-Dx LL	
Oil	ND	---	150	ug/L	1	09/11/20 02:25	NWTPH-Dx LL	
Surrogate: o-Terphenyl (Surr)		*Recovery: 95 %*	*Limits: 50-150 %*		*1*	*09/11/20 02:25*	*NWTPH-Dx LL*	

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Lisa A Domenighini

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

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
MW01S-W (A0I0140-01)				**Matrix: Water**		**Batch: 0090145**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 19:26	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*	*Limits: 50-150 %*		*1*	*09/04/20 19:26*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)		*102 %*	*50-150 %*		*1*	*09/04/20 19:26*	*NWTPH-Gx (MS)*	
MW03S-W (A0I0140-02)				**Matrix: Water**		**Batch: 0090145**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 19:57	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 100 %*	*Limits: 50-150 %*		*1*	*09/04/20 19:57*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)		*102 %*	*50-150 %*		*1*	*09/04/20 19:57*	*NWTPH-Gx (MS)*	
MW06-W (A0I0140-03)				**Matrix: Water**		**Batch: 0090145**		
Gasoline Range Organics	**168**	---	100	ug/L	1	09/04/20 20:26	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*	*Limits: 50-150 %*		*1*	*09/04/20 20:26*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)		*99 %*	*50-150 %*		*1*	*09/04/20 20:26*	*NWTPH-Gx (MS)*	
MW08-W (A0I0140-04)				**Matrix: Water**		**Batch: 0090145**		
Gasoline Range Organics	**683**	---	100	ug/L	1	09/04/20 20:55	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*	*Limits: 50-150 %*		*1*	*09/04/20 20:55*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)		*97 %*	*50-150 %*		*1*	*09/04/20 20:55*	*NWTPH-Gx (MS)*	
MW09R-W (A0I0140-05)				**Matrix: Water**		**Batch: 0090145**		
Gasoline Range Organics	**379**	---	100	ug/L	1	09/04/20 21:24	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*	*Limits: 50-150 %*		*1*	*09/04/20 21:24*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)		*98 %*	*50-150 %*		*1*	*09/04/20 21:24*	*NWTPH-Gx (MS)*	
MW10R-W (A0I0140-06)				**Matrix: Water**		**Batch: 0090145**		
Gasoline Range Organics	**635**	---	100	ug/L	1	09/04/20 21:52	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 106 %*	*Limits: 50-150 %*		*1*	*09/04/20 21:52*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)		*97 %*	*50-150 %*		*1*	*09/04/20 21:52*	*NWTPH-Gx (MS)*	
MW11-W (A0I0140-07RE1)				**Matrix: Water**		**Batch: 0090197**		
Gasoline Range Organics	**804**	---	100	ug/L	1	09/08/20 14:45	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 106 %*	*Limits: 50-150 %*		*1*	*09/08/20 14:45*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)		*100 %*	*50-150 %*		*1*	*09/08/20 14:45*	*NWTPH-Gx (MS)*	
MW12-W (A0I0140-08)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 17:15	NWTPH-Gx (MS)	

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

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
MW12-W (A0I0140-08)				**Matrix: Water**		**Batch: 0090178**		
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 84 %*	*Limits: 50-150 %*	*1*	*09/04/20 17:15*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*94 %*	*50-150 %*	*1*	*09/04/20 17:15*	*NWTPH-Gx (MS)*	
MW13R-W (A0I0140-09)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 18:10	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 84 %*	*Limits: 50-150 %*	*1*	*09/04/20 18:10*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*94 %*	*50-150 %*	*1*	*09/04/20 18:10*	*NWTPH-Gx (MS)*	
MW14-W (A0I0140-10)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	**3830**	---	100	ug/L	1	09/04/20 18:37	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 91 %*	*Limits: 50-150 %*	*1*	*09/04/20 18:37*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*93 %*	*50-150 %*	*1*	*09/04/20 18:37*	*NWTPH-Gx (MS)*	
MW16-W (A0I0140-11)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 19:05	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 80 %*	*Limits: 50-150 %*	*1*	*09/04/20 19:05*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*93 %*	*50-150 %*	*1*	*09/04/20 19:05*	*NWTPH-Gx (MS)*	
MW17-W (A0I0140-12)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	**267**	---	100	ug/L	1	09/04/20 19:32	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 86 %*	*Limits: 50-150 %*	*1*	*09/04/20 19:32*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*94 %*	*50-150 %*	*1*	*09/04/20 19:32*	*NWTPH-Gx (MS)*	
MW19-W (A0I0140-13)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 20:00	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 85 %*	*Limits: 50-150 %*	*1*	*09/04/20 20:00*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*95 %*	*50-150 %*	*1*	*09/04/20 20:00*	*NWTPH-Gx (MS)*	
MW20-W (A0I0140-14)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	**349**	---	100	ug/L	1	09/04/20 20:27	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 91 %*	*Limits: 50-150 %*	*1*	*09/04/20 20:27*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*95 %*	*50-150 %*	*1*	*09/04/20 20:27*	*NWTPH-Gx (MS)*	
MW21-W (A0I0140-15)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	**760**	---	100	ug/L	1	09/04/20 20:54	NWTPH-Gx (MS)	

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

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
MW21-W (A0I0140-15)				**Matrix: Water**		**Batch: 0090178**		
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 90 %*	*Limits: 50-150 %*	*1*	*09/04/20 20:54*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*95 %*	*50-150 %*	*1*	*09/04/20 20:54*	*NWTPH-Gx (MS)*	
MW23-W (A0I0140-16)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 21:22	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 84 %*	*Limits: 50-150 %*	*1*	*09/04/20 21:22*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*93 %*	*50-150 %*	*1*	*09/04/20 21:22*	*NWTPH-Gx (MS)*	
MW24-W (A0I0140-17)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 21:49	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 85 %*	*Limits: 50-150 %*	*1*	*09/04/20 21:49*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*94 %*	*50-150 %*	*1*	*09/04/20 21:49*	*NWTPH-Gx (MS)*	
MW25-W (A0I0140-18)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 22:16	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 86 %*	*Limits: 50-150 %*	*1*	*09/04/20 22:16*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*09/04/20 22:16*	*NWTPH-Gx (MS)*	
MW26-W (A0I0140-19)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 23:10	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 83 %*	*Limits: 50-150 %*	*1*	*09/04/20 23:10*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*09/04/20 23:10*	*NWTPH-Gx (MS)*	
MW27-W (A0I0140-20)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/04/20 23:37	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 87 %*	*Limits: 50-150 %*	*1*	*09/04/20 23:37*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*09/04/20 23:37*	*NWTPH-Gx (MS)*	
MW28-W (A0I0140-21)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	**218**	---	100	ug/L	1	09/05/20 00:04	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 89 %*	*Limits: 50-150 %*	*1*	*09/05/20 00:04*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*09/05/20 00:04*	*NWTPH-Gx (MS)*	
MW30-W (A0I0140-22)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/05/20 00:31	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 87 %*	*Limits: 50-150 %*	*1*	*09/05/20 00:31*	*NWTPH-Gx (MS)*	

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Lisa Domenighini, Client Services Manager

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

AMENDED 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:
A0I0140 - 09 18 20 0809

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
MW30-W (A0I0140-22)				**Matrix: Water**		**Batch: 0090178**		
Surrogate: 1,4-Difluorobenzene (Sur)			*Recovery: 93 %*	*Limits: 50-150 %*	*1*	*09/05/20 00:31*	*NWTPH-Gx (MS)*	
MW31-W (A0I0140-23)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/05/20 00:59	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 86 %*	*Limits: 50-150 %*	*1*	*09/05/20 00:59*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*98 %*	*50-150 %*	*1*	*09/05/20 00:59*	*NWTPH-Gx (MS)*	
MW32-W (A0I0140-24)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/05/20 01:26	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 86 %*	*Limits: 50-150 %*	*1*	*09/05/20 01:26*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*93 %*	*50-150 %*	*1*	*09/05/20 01:26*	*NWTPH-Gx (MS)*	
BH01R-W (A0I0140-25)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	**133**	---	100	ug/L	1	09/05/20 01:53	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 88 %*	*Limits: 50-150 %*	*1*	*09/05/20 01:53*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*95 %*	*50-150 %*	*1*	*09/05/20 01:53*	*NWTPH-Gx (MS)*	
BH02-W (A0I0140-26)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	**102**	---	100	ug/L	1	09/05/20 02:47	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 87 %*	*Limits: 50-150 %*	*1*	*09/05/20 02:47*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*95 %*	*50-150 %*	*1*	*09/05/20 02:47*	*NWTPH-Gx (MS)*	
BH03-W (A0I0140-27)				**Matrix: Water**		**Batch: 0090178**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/05/20 02:20	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 86 %*	*Limits: 50-150 %*	*1*	*09/05/20 02:20*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*09/05/20 02:20*	*NWTPH-Gx (MS)*	
RW01-W (A0I0140-28)				**Matrix: Water**		**Batch: 0090197**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/08/20 15:14	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 98 %*	*Limits: 50-150 %*	*1*	*09/08/20 15:14*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*98 %*	*50-150 %*	*1*	*09/08/20 15:14*	*NWTPH-Gx (MS)*	
MW100-W (A0I0140-29)				**Matrix: Water**		**Batch: 0090197**		
Gasoline Range Organics	**154**	---	100	ug/L	1	09/08/20 16:12	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)			*Recovery: 103 %*	*Limits: 50-150 %*	*1*	*09/08/20 16:12*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*96 %*	*50-150 %*	*1*	*09/08/20 16:12*	*NWTPH-Gx (MS)*	

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6700 S.W. Sandburg Street
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503-718-2323
ORELAP ID: **OR100062**

AMENDED 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**	**A0I0140 - 09 18 20 0809**

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
MW101-W (A0I0140-30)				**Matrix: Water**		**Batch: 0090197**		
Gasoline Range Organics	**635**	---	100	ug/L	1	09/08/20 16:42	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 105 %*		*Limits: 50-150 %*	*1*	*09/08/20 16:42*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*97 %*	*50-150 %*	*1*	*09/08/20 16:42*	*NWTPH-Gx (MS)*	
MW102-W (A0I0140-31)				**Matrix: Water**		**Batch: 0090197**		
Gasoline Range Organics	**239**	---	100	ug/L	1	09/08/20 17:12	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 96 %*		*Limits: 50-150 %*	*1*	*09/08/20 17:12*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*94 %*	*50-150 %*	*1*	*09/08/20 17:12*	*NWTPH-Gx (MS)*	
Blank-310820 (A0I0140-32)				**Matrix: Water**		**Batch: 0090197**		
Gasoline Range Organics	ND	---	100	ug/L	1	09/08/20 13:20	NWTPH-Gx (MS)	
Surrogate: 4-Bromofluorobenzene (Sur)		*Recovery: 98 %*		*Limits: 50-150 %*	*1*	*09/08/20 13:20*	*NWTPH-Gx (MS)*	
1,4-Difluorobenzene (Sur)			*98 %*	*50-150 %*	*1*	*09/08/20 13:20*	*NWTPH-Gx (MS)*	

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Lisa A Domenighini

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW01S-W (A0I0140-01)				**Matrix: Water**		**Batch: 0090145**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 19:26	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 19:26	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 19:26	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 19:26	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits:*	*80-120 %*	*1*	*09/04/20 19:26*	*EPA 8260D*	
Toluene-d8 (Surr)			*98 %*		*80-120 %*	*1*	*09/04/20 19:26*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*	*1*	*09/04/20 19:26*	*EPA 8260D*	
MW03S-W (A0I0140-02)				**Matrix: Water**		**Batch: 0090145**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 19:57	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 19:57	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 19:57	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 19:57	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*110 %*	*Limits:*	*80-120 %*	*1*	*09/04/20 19:57*	*EPA 8260D*	
Toluene-d8 (Surr)			*98 %*		*80-120 %*	*1*	*09/04/20 19:57*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*	*1*	*09/04/20 19:57*	*EPA 8260D*	
MW06-W (A0I0140-03)				**Matrix: Water**		**Batch: 0090145**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 20:26	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 20:26	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 20:26	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 20:26	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits:*	*80-120 %*	*1*	*09/04/20 20:26*	*EPA 8260D*	
Toluene-d8 (Surr)			*96 %*		*80-120 %*	*1*	*09/04/20 20:26*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*		*80-120 %*	*1*	*09/04/20 20:26*	*EPA 8260D*	
MW08-W (A0I0140-04)				**Matrix: Water**		**Batch: 0090145**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 20:55	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 20:55	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 20:55	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 20:55	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*105 %*	*Limits:*	*80-120 %*	*1*	*09/04/20 20:55*	*EPA 8260D*	
Toluene-d8 (Surr)			*96 %*		*80-120 %*	*1*	*09/04/20 20:55*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*98 %*		*80-120 %*	*1*	*09/04/20 20:55*	*EPA 8260D*	
MW09R-W (A0I0140-05)				**Matrix: Water**		**Batch: 0090145**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 21:24	EPA 8260D	

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Lisa A Domenighini

Lisa Domenighini, Client Services Manager

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ORELAP ID: **OR100062**

AMENDED 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**	**A0I0140 - 09 18 20 0809**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW09R-W (A0I0140-05)				**Matrix: Water**		**Batch: 0090145**		
Toluene	ND	---	1.00	ug/L	1	09/04/20 21:24	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 21:24	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 21:24	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*107 %*	*Limits: 80-120 %*	*1*	*09/04/20 21:24*	*EPA 8260D*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*09/04/20 21:24*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*100 %*	*80-120 %*	*1*	*09/04/20 21:24*	*EPA 8260D*	
MW10R-W (A0I0140-06)				**Matrix: Water**		**Batch: 0090145**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 21:52	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 21:52	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 21:52	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 21:52	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*107 %*	*Limits: 80-120 %*	*1*	*09/04/20 21:52*	*EPA 8260D*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*09/04/20 21:52*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*09/04/20 21:52*	*EPA 8260D*	
MW11-W (A0I0140-07RE1)				**Matrix: Water**		**Batch: 0090197**		
Benzene	ND	---	0.200	ug/L	1	09/08/20 14:45	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/08/20 14:45	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/08/20 14:45	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/08/20 14:45	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits: 80-120 %*	*1*	*09/08/20 14:45*	*EPA 8260D*	
Toluene-d8 (Surr)			*95 %*	*80-120 %*	*1*	*09/08/20 14:45*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*102 %*	*80-120 %*	*1*	*09/08/20 14:45*	*EPA 8260D*	
MW12-W (A0I0140-08)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 17:15	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 17:15	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 17:15	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 17:15	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*91 %*	*Limits: 80-120 %*	*1*	*09/04/20 17:15*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*09/04/20 17:15*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*09/04/20 17:15*	*EPA 8260D*	
MW13R-W (A0I0140-09)				**Matrix: Water**		**Batch: 0090178**		
Benzene	**0.523**	---	0.200	ug/L	1	09/04/20 18:10	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 18:10	EPA 8260D	

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ORELAP ID: **OR100062**

AMENDED 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**	**A0I0140 - 09 18 20 0809**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW13R-W (A0I0140-09)				**Matrix: Water**		**Batch: 0090178**		
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 18:10	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 18:10	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 92 %*		*Limits: 80-120 %*	*1*	*09/04/20 18:10*	*EPA 8260D*	
Toluene-d8 (Surr)			*108 %*	*80-120 %*	*1*	*09/04/20 18:10*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*109 %*	*80-120 %*	*1*	*09/04/20 18:10*	*EPA 8260D*	
MW14-W (A0I0140-10)				**Matrix: Water**		**Batch: 0090178**		
Benzene	**7.82**	---	0.200	ug/L	1	09/04/20 18:37	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 18:37	EPA 8260D	
Ethylbenzene	**4.00**	---	0.500	ug/L	1	09/04/20 18:37	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 18:37	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 91 %*		*Limits: 80-120 %*	*1*	*09/04/20 18:37*	*EPA 8260D*	
Toluene-d8 (Surr)			*109 %*	*80-120 %*	*1*	*09/04/20 18:37*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*107 %*	*80-120 %*	*1*	*09/04/20 18:37*	*EPA 8260D*	
MW16-W (A0I0140-11)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 19:05	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 19:05	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 19:05	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 19:05	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 92 %*		*Limits: 80-120 %*	*1*	*09/04/20 19:05*	*EPA 8260D*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*09/04/20 19:05*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*09/04/20 19:05*	*EPA 8260D*	
MW17-W (A0I0140-12)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 19:32	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 19:32	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 19:32	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 19:32	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 92 %*		*Limits: 80-120 %*	*1*	*09/04/20 19:32*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*09/04/20 19:32*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*101 %*	*80-120 %*	*1*	*09/04/20 19:32*	*EPA 8260D*	
MW19-W (A0I0140-13)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 20:00	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 20:00	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 20:00	EPA 8260D	

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW19-W (A0I0140-13)				**Matrix: Water**		**Batch: 0090178**		
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 20:00	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 94 %*	*Limits: 80-120 %*		*1*	*09/04/20 20:00*	*EPA 8260D*	
Toluene-d8 (Surr)		*104 %*	*80-120 %*		*1*	*09/04/20 20:00*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)		*105 %*	*80-120 %*		*1*	*09/04/20 20:00*	*EPA 8260D*	
MW20-W (A0I0140-14)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 20:27	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 20:27	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 20:27	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 20:27	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 92 %*	*Limits: 80-120 %*		*1*	*09/04/20 20:27*	*EPA 8260D*	
Toluene-d8 (Surr)		*101 %*	*80-120 %*		*1*	*09/04/20 20:27*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)		*101 %*	*80-120 %*		*1*	*09/04/20 20:27*	*EPA 8260D*	
MW21-W (A0I0140-15)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 20:54	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 20:54	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 20:54	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 20:54	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 92 %*	*Limits: 80-120 %*		*1*	*09/04/20 20:54*	*EPA 8260D*	
Toluene-d8 (Surr)		*101 %*	*80-120 %*		*1*	*09/04/20 20:54*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)		*102 %*	*80-120 %*		*1*	*09/04/20 20:54*	*EPA 8260D*	
MW23-W (A0I0140-16)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 21:22	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 21:22	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 21:22	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 21:22	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 92 %*	*Limits: 80-120 %*		*1*	*09/04/20 21:22*	*EPA 8260D*	
Toluene-d8 (Surr)		*105 %*	*80-120 %*		*1*	*09/04/20 21:22*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)		*107 %*	*80-120 %*		*1*	*09/04/20 21:22*	*EPA 8260D*	
MW24-W (A0I0140-17)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 21:49	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 21:49	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 21:49	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 21:49	EPA 8260D	

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Lisa Domenighini, Client Services Manager

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW24-W (A0I0140-17)				**Matrix: Water**		**Batch: 0090178**		
Surrogate: 1,4-Difluorobenzene (Surr)			*Recovery: 94 %*	*Limits: 80-120 %*	*1*	*09/04/20 21:49*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*09/04/20 21:49*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*09/04/20 21:49*	*EPA 8260D*	
MW25-W (A0I0140-18)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 22:16	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 22:16	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 22:16	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 22:16	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)			*Recovery: 93 %*	*Limits: 80-120 %*	*1*	*09/04/20 22:16*	*EPA 8260D*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*09/04/20 22:16*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*109 %*	*80-120 %*	*1*	*09/04/20 22:16*	*EPA 8260D*	
MW26-W (A0I0140-19)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 23:10	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 23:10	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 23:10	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 23:10	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)			*Recovery: 92 %*	*Limits: 80-120 %*	*1*	*09/04/20 23:10*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*09/04/20 23:10*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*104 %*	*80-120 %*	*1*	*09/04/20 23:10*	*EPA 8260D*	
MW27-W (A0I0140-20)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/04/20 23:37	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/04/20 23:37	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/04/20 23:37	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/04/20 23:37	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)			*Recovery: 93 %*	*Limits: 80-120 %*	*1*	*09/04/20 23:37*	*EPA 8260D*	
Toluene-d8 (Surr)			*104 %*	*80-120 %*	*1*	*09/04/20 23:37*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*09/04/20 23:37*	*EPA 8260D*	
MW28-W (A0I0140-21)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/05/20 00:04	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/05/20 00:04	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/05/20 00:04	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/05/20 00:04	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)			*Recovery: 92 %*	*Limits: 80-120 %*	*1*	*09/05/20 00:04*	*EPA 8260D*	

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Lisa Domenighini, Client Services Manager

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503-718-2323
ORELAP ID: **OR100062**

AMENDED 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:
A0I0140 - 09 18 20 0809

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW28-W (A0I0140-21)				**Matrix: Water**		**Batch: 0090178**		
Surrogate: Toluene-d8 (Surr)		*Recovery: 101 %*	*Limits: 80-120 %*		*1*	*09/05/20 00:04*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*103 %*	*80-120 %*	*1*	*09/05/20 00:04*	*EPA 8260D*	
MW30-W (A0I0140-22)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/05/20 00:31	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/05/20 00:31	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/05/20 00:31	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/05/20 00:31	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 90 %*	*Limits: 80-120 %*		*1*	*09/05/20 00:31*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*09/05/20 00:31*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*09/05/20 00:31*	*EPA 8260D*	
MW31-W (A0I0140-23)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/05/20 00:59	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/05/20 00:59	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/05/20 00:59	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/05/20 00:59	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 95 %*	*Limits: 80-120 %*		*1*	*09/05/20 00:59*	*EPA 8260D*	
Toluene-d8 (Surr)			*102 %*	*80-120 %*	*1*	*09/05/20 00:59*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*107 %*	*80-120 %*	*1*	*09/05/20 00:59*	*EPA 8260D*	
MW32-W (A0I0140-24)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/05/20 01:26	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/05/20 01:26	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/05/20 01:26	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/05/20 01:26	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 94 %*	*Limits: 80-120 %*		*1*	*09/05/20 01:26*	*EPA 8260D*	
Toluene-d8 (Surr)			*101 %*	*80-120 %*	*1*	*09/05/20 01:26*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*108 %*	*80-120 %*	*1*	*09/05/20 01:26*	*EPA 8260D*	
BH01R-W (A0I0140-25)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/05/20 01:53	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/05/20 01:53	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/05/20 01:53	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/05/20 01:53	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 93 %*	*Limits: 80-120 %*		*1*	*09/05/20 01:53*	*EPA 8260D*	
Toluene-d8 (Surr)			*103 %*	*80-120 %*	*1*	*09/05/20 01:53*	*EPA 8260D*	

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Lisa Domenighini, Client Services Manager

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ORELAP ID: **OR100062**

AMENDED 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**	**A0I0140 - 09 18 20 0809**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
BH01R-W (A0I0140-25)				**Matrix: Water**		**Batch: 0090178**		
Surrogate: 4-Bromofluorobenzene (Surr)		*Recovery: 102 %*	*Limits: 80-120 %*		*1*	*09/05/20 01:53*	*EPA 8260D*	
BH02-W (A0I0140-26)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/05/20 02:47	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/05/20 02:47	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/05/20 02:47	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/05/20 02:47	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 92 %*	*Limits: 80-120 %*		*1*	*09/05/20 02:47*	*EPA 8260D*	
Toluene-d8 (Surr)		*102 %*	*80-120 %*		*1*	*09/05/20 02:47*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)		*103 %*	*80-120 %*		*1*	*09/05/20 02:47*	*EPA 8260D*	
BH03-W (A0I0140-27)				**Matrix: Water**		**Batch: 0090178**		
Benzene	ND	---	0.200	ug/L	1	09/05/20 02:20	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/05/20 02:20	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/05/20 02:20	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/05/20 02:20	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 94 %*	*Limits: 80-120 %*		*1*	*09/05/20 02:20*	*EPA 8260D*	
Toluene-d8 (Surr)		*100 %*	*80-120 %*		*1*	*09/05/20 02:20*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)		*106 %*	*80-120 %*		*1*	*09/05/20 02:20*	*EPA 8260D*	
RW01-W (A0I0140-28)				**Matrix: Water**		**Batch: 0090197**		
Benzene	ND	---	0.200	ug/L	1	09/08/20 15:14	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/08/20 15:14	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/08/20 15:14	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/08/20 15:14	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 110 %*	*Limits: 80-120 %*		*1*	*09/08/20 15:14*	*EPA 8260D*	
Toluene-d8 (Surr)		*97 %*	*80-120 %*		*1*	*09/08/20 15:14*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)		*106 %*	*80-120 %*		*1*	*09/08/20 15:14*	*EPA 8260D*	
MW100-W (A0I0140-29)				**Matrix: Water**		**Batch: 0090197**		
Benzene	ND	---	0.200	ug/L	1	09/08/20 16:12	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/08/20 16:12	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/08/20 16:12	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/08/20 16:12	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery: 108 %*	*Limits: 80-120 %*		*1*	*09/08/20 16:12*	*EPA 8260D*	
Toluene-d8 (Surr)		*95 %*	*80-120 %*		*1*	*09/08/20 16:12*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)		*104 %*	*80-120 %*		*1*	*09/08/20 16:12*	*EPA 8260D*	

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ORELAP ID: **OR100062**

AMENDED 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**	**A0I0140 - 09 18 20 0809**

ANALYTICAL SAMPLE RESULTS

BTEX Compounds by EPA 8260D

Analyte	Sample Result	Detection Limit	Reporting Limit	Units	Dilution	Date Analyzed	Method Ref.	Notes
MW101-W (A0I0140-30)				**Matrix: Water**		**Batch: 0090197**		
Benzene	ND	---	0.200	ug/L	1	09/08/20 16:42	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/08/20 16:42	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/08/20 16:42	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/08/20 16:42	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*107 %*	*Limits: 80-120 %*	*1*	*09/08/20 16:42*	*EPA 8260D*	
Toluene-d8 (Surr)			*94 %*	*80-120 %*	*1*	*09/08/20 16:42*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*101 %*	*80-120 %*	*1*	*09/08/20 16:42*	*EPA 8260D*	
MW102-W (A0I0140-31)				**Matrix: Water**		**Batch: 0090197**		
Benzene	ND	---	0.200	ug/L	1	09/08/20 17:12	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/08/20 17:12	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/08/20 17:12	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/08/20 17:12	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*106 %*	*Limits: 80-120 %*	*1*	*09/08/20 17:12*	*EPA 8260D*	
Toluene-d8 (Surr)			*96 %*	*80-120 %*	*1*	*09/08/20 17:12*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*106 %*	*80-120 %*	*1*	*09/08/20 17:12*	*EPA 8260D*	
Blank-310820 (A0I0140-32)				**Matrix: Water**		**Batch: 0090197**		
Benzene	ND	---	0.200	ug/L	1	09/08/20 13:20	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/08/20 13:20	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/08/20 13:20	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/08/20 13:20	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits: 80-120 %*	*1*	*09/08/20 13:20*	*EPA 8260D*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*09/08/20 13:20*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*107 %*	*80-120 %*	*1*	*09/08/20 13:20*	*EPA 8260D*	
Trip Blank (A0I0140-33)				**Matrix: Water**		**Batch: 0090197**		
Benzene	ND	---	0.200	ug/L	1	09/08/20 11:24	EPA 8260D	
Toluene	ND	---	1.00	ug/L	1	09/08/20 11:24	EPA 8260D	
Ethylbenzene	ND	---	0.500	ug/L	1	09/08/20 11:24	EPA 8260D	
Xylenes, total	ND	---	1.50	ug/L	1	09/08/20 11:24	EPA 8260D	
Surrogate: 1,4-Difluorobenzene (Surr)		*Recovery:*	*108 %*	*Limits: 80-120 %*	*1*	*09/08/20 11:24*	*EPA 8260D*	
Toluene-d8 (Surr)			*98 %*	*80-120 %*	*1*	*09/08/20 11:24*	*EPA 8260D*	
4-Bromofluorobenzene (Surr)			*107 %*	*80-120 %*	*1*	*09/08/20 11:24*	*EPA 8260D*	

Apex Laboratories

Lisa A Domenighini

Lisa Domenighini, Client Services Manager

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**

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 0090289 - EPA 3510C (Fuels/Acid Ext.)												**Water**
Blank (0090289-BLK1)		Prepared: 09/10/20 10:11		Analyzed: 09/10/20 22:37								
NWTPH-Dx LL												
Diesel	ND	---	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	---	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 93 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (0090289-BS1)		Prepared: 09/10/20 10:11		Analyzed: 09/10/20 22:58								
NWTPH-Dx LL												
Diesel	453	---	80.0	ug/L	1	500	---	91	59 - 115%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 99 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS Dup (0090289-BSD1)		Prepared: 09/10/20 10:11		Analyzed: 09/10/20 23:19								**Q-19**
NWTPH-Dx LL												
Diesel	425	---	80.0	ug/L	1	500	---	85	59 - 115%	6	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 98 %*		*Limits: 50-150 %*			*Dilution: 1x*					
Batch 0090324 - EPA 3510C (Fuels/Acid Ext.)												**Water**
Blank (0090324-BLK1)		Prepared: 09/11/20 08:21		Analyzed: 09/11/20 21:14								
NWTPH-Dx LL												
Diesel	ND	---	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	---	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 91 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (0090324-BS1)		Prepared: 09/11/20 08:21		Analyzed: 09/11/20 21:37								
NWTPH-Dx LL												
Diesel	365	---	80.0	ug/L	1	500	---	73	59 - 115%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 94 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS Dup (0090324-BSD1)		Prepared: 09/11/20 08:21		Analyzed: 09/11/20 21:59								**Q-19**
NWTPH-Dx LL												
Diesel	357	---	80.0	ug/L	1	500	---	71	59 - 115%	2	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 90 %*		*Limits: 50-150 %*			*Dilution: 1x*					

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

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 0090334 - EPA 3510C (Fuels/Acid Ext.)												**Water**
Blank (0090334-BLK1)		Prepared: 09/11/20 12:51		Analyzed: 09/11/20 21:10								
NWTPH-Dx LL												
Diesel	ND	---	72.7	ug/L	1	---	---	---	---	---	---	
Oil	ND	---	145	ug/L	1	---	---	---	---	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 99 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS (0090334-BS1)		Prepared: 09/11/20 12:51		Analyzed: 09/11/20 21:31								
NWTPH-Dx LL												
Diesel	448	---	80.0	ug/L	1	500	---	90	59 - 115%	---	---	
Surr: o-Terphenyl (Surr)		*Recovery: 102 %*		*Limits: 50-150 %*			*Dilution: 1x*					
LCS Dup (0090334-BSD1)		Prepared: 09/11/20 12:51		Analyzed: 09/11/20 21:52								**Q-19**
NWTPH-Dx LL												
Diesel	405	---	80.0	ug/L	1	500	---	81	59 - 115%	10	30%	
Surr: o-Terphenyl (Surr)		*Recovery: 99 %*		*Limits: 50-150 %*			*Dilution: 1x*					

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AMENDED REPORT

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314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A0I0140 - 09 18 20 0809**

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 0090145 - EPA 5030B												**Water**
Blank (0090145-BLK1)		Prepared: 09/04/20 08:00		Analyzed: 09/04/20 11:09								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 97 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*99 %*		*50-150 %*		*"*					
LCS (0090145-BS2)		Prepared: 09/04/20 08:00		Analyzed: 09/04/20 10:42								
NWTPH-Gx (MS)												
Gasoline Range Organics	436	---	100	ug/L	1	500	---	87	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 96 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*94 %*		*50-150 %*		*"*					
Duplicate (0090145-DUP2)		Prepared: 09/04/20 10:38		Analyzed: 09/04/20 22:46								**T-02**
QC Source Sample: MW11-W (A0I0140-07)												
NWTPH-Gx (MS)												
Gasoline Range Organics	**755**	---	100	ug/L	1	---	785	---	---	4	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 104 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*96 %*		*50-150 %*		*"*					

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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 0090178 - EPA 5030B									Water			
Blank (0090178-BLK1)		Prepared: 09/04/20 14:00		Analyzed: 09/04/20 16:48								
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	---	---	---	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 84 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*94 %*		*50-150 %*		*"*					
LCS (0090178-BS2)		Prepared: 09/04/20 14:00		Analyzed: 09/04/20 16:20								
NWTPH-Gx (MS)												
Gasoline Range Organics	480	---	100	ug/L	1	500	---	96	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 90 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*91 %*		*50-150 %*		*"*					
Duplicate (0090178-DUP1)		Prepared: 09/04/20 16:10		Analyzed: 09/04/20 17:43								
QC Source Sample: MW12-W (A0I0140-08)												
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	ND	---	---	---	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 86 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*94 %*		*50-150 %*		*"*					
Duplicate (0090178-DUP2)		Prepared: 09/04/20 16:10		Analyzed: 09/04/20 22:43								
QC Source Sample: MW25-W (A0I0140-18)												
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	ND	---	---	---	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 81 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)			*96 %*		*50-150 %*		*"*					

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

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 0090197 - EPA 5030B									Water			
Blank (0090197-BLK1)		Prepared: 09/08/20 08:00		Analyzed: 09/08/20 10:57								
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)		*99 %*		*50-150 %*			*"*					
LCS (0090197-BS1)		Prepared: 09/08/20 08:00		Analyzed: 09/08/20 09:36								
NWTPH-Gx (MS)												
Gasoline Range Organics	437	---	100	ug/L	1	500	---	87	80 - 120%	---	---	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 96 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*91 %*		*50-150 %*			*"*					
Duplicate (0090197-DUP1)		Prepared: 09/08/20 10:23		Analyzed: 09/08/20 15:43								
QC Source Sample: RW01-W (A0I0140-28)												
NWTPH-Gx (MS)												
Gasoline Range Organics	ND	---	100	ug/L	1	---	ND	---	---	---	30%	
Surr: 4-Bromofluorobenzene (Sur)		*Recovery: 101 %*		*Limits: 50-150 %*			*Dilution: 1x*					
1,4-Difluorobenzene (Sur)		*100 %*		*50-150 %*			*"*					

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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 0090145 - EPA 5030B												**Water**
Blank (0090145-BLK1)		Prepared: 09/04/20 08:00		Analyzed: 09/04/20 11:09								
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)			*98 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*106 %*		*80-120 %*			*"*				
LCS (0090145-BS1)		Prepared: 09/04/20 08:00		Analyzed: 09/04/20 10:15								
EPA 8260D												
Benzene	20.3	---	0.200	ug/L	1	20.0	---	101	80 - 120%	---	---	
Toluene	19.6	---	1.00	ug/L	1	20.0	---	98	80 - 120%	---	---	
Ethylbenzene	20.3	---	0.500	ug/L	1	20.0	---	101	80 - 120%	---	---	
Xylenes, total	65.0	---	1.50	ug/L	1	60.0	---	108	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*101 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*96 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*99 %*		*80-120 %*			*"*				
Duplicate (0090145-DUP2)		Prepared: 09/04/20 10:38		Analyzed: 09/04/20 22:46								**T-02**
QC Source Sample: MW11-W (A0I0140-07)												
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:*	*107 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*104 %*		*80-120 %*			*"*				

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AMENDED REPORT

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314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
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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 0090178 - EPA 5030B												**Water**
Blank (0090178-BLK1)		Prepared: 09/04/20 14:00		Analyzed: 09/04/20 16:48								
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: 93 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*104 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*109 %*		*80-120 %*			*"*					
LCS (0090178-BS1)		Prepared: 09/04/20 14:00		Analyzed: 09/04/20 15:53								
EPA 8260D												
Benzene	18.0	---	0.200	ug/L	1	20.0	---	90	80 - 120%	---	---	
Toluene	18.8	---	1.00	ug/L	1	20.0	---	94	80 - 120%	---	---	
Ethylbenzene	20.5	---	0.500	ug/L	1	20.0	---	103	80 - 120%	---	---	
Xylenes, total	60.8	---	1.50	ug/L	1	60.0	---	101	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 90 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*97 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*97 %*		*80-120 %*			*"*					
Duplicate (0090178-DUP1)		Prepared: 09/04/20 16:10		Analyzed: 09/04/20 17:43								
QC Source Sample: MW12-W (A0I0140-08)												
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: 92 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*104 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*107 %*		*80-120 %*			*"*					
Duplicate (0090178-DUP2)		Prepared: 09/04/20 16:10		Analyzed: 09/04/20 22:43								
QC Source Sample: MW25-W (A0I0140-18)												
EPA 8260D												

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AMENDED REPORT

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314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A0I0140 - 09 18 20 0809**

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 0090178 - EPA 5030B							**Water**					
Duplicate (0090178-DUP2)		Prepared: 09/04/20 16:10		Analyzed: 09/04/20 22:43								
QC Source Sample: MW25-W (A0I0140-18)												
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: 94 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*104 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*102 %*		*80-120 %*			*"*					
Matrix Spike (0090178-MS1)		Prepared: 09/04/20 16:10		Analyzed: 09/05/20 03:14								
QC Source Sample: BH02-W (A0I0140-26)												
EPA 8260D												
Benzene	18.9	---	0.200	ug/L	1	20.0	ND	94	79 - 120%	---	---	
Toluene	19.6	---	1.00	ug/L	1	20.0	ND	98	80 - 121%	---	---	
Ethylbenzene	21.0	---	0.500	ug/L	1	20.0	ND	105	79 - 121%	---	---	
Xylenes, total	64.0	---	1.50	ug/L	1	60.0	ND	107	79 - 121%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery: 90 %*		*Limits: 80-120 %*			*Dilution: 1x*					
Toluene-d8 (Surr)		*95 %*		*80-120 %*			*"*					
4-Bromofluorobenzene (Surr)		*99 %*		*80-120 %*			*"*					

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AMENDED REPORT

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314 W 15th Street Suite 300	Project Number: **2017-074**	**Report ID:**
Vancouver, WA 98660	Project Manager: **Craig Hultgren**	**A0I0140 - 09 18 20 0809**

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 0090197 - EPA 5030B												**Water**
Blank (0090197-BLK1)		Prepared: 09/08/20 08:00		Analyzed: 09/08/20 10:57								
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:*	*107 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*97 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*106 %*		*80-120 %*			*"*				
LCS (0090197-BS2)		Prepared: 09/08/20 08:00		Analyzed: 09/08/20 10:03								
EPA 8260D												
Benzene	19.9	---	0.200	ug/L	1	20.0	---	99	80 - 120%	---	---	
Toluene	19.2	---	1.00	ug/L	1	20.0	---	96	80 - 120%	---	---	
Ethylbenzene	19.6	---	0.500	ug/L	1	20.0	---	98	80 - 120%	---	---	
Xylenes, total	63.8	---	1.50	ug/L	1	60.0	---	106	80 - 120%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*102 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*94 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*101 %*		*80-120 %*			*"*				
Duplicate (0090197-DUP1)		Prepared: 09/08/20 10:23		Analyzed: 09/08/20 15:43								
QC Source Sample: RW01-W (A0I0140-28)												
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:*	*108 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*97 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*106 %*		*80-120 %*			*"*				
Matrix Spike (0090197-MS1)		Prepared: 09/08/20 10:23		Analyzed: 09/08/20 17:42								
QC Source Sample: MW102-W (A0I0140-31)												
EPA 8260D												

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Lisa Domenighini, Client Services Manager

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**

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 0090197 - EPA 5030B							**Water**					
Matrix Spike (0090197-MS1)		Prepared: 09/08/20 10:23		Analyzed: 09/08/20 17:42								
QC Source Sample: MW102-W (A0I0140-31)												
Benzene	20.4	---	0.200	ug/L	1	20.0	ND	102	79 - 120%	---	---	
Toluene	19.4	---	1.00	ug/L	1	20.0	ND	97	80 - 121%	---	---	
Ethylbenzene	19.9	---	0.500	ug/L	1	20.0	ND	100	79 - 121%	---	---	
Xylenes, total	63.9	---	1.50	ug/L	1	60.0	ND	107	79 - 121%	---	---	
Surr: 1,4-Difluorobenzene (Surr)		*Recovery:*	*104 %*	*Limits:*	*80-120 %*		*Dilution:*	*1x*				
Toluene-d8 (Surr)			*95 %*		*80-120 %*			*"*				
4-Bromofluorobenzene (Surr)			*102 %*		*80-120 %*			*"*				

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

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: 0090289							
A0I0140-01	Water	NWTPH-Dx LL	08/31/20 11:30	09/10/20 15:14	1030mL/2mL	1000mL/2mL	0.97
A0I0140-02	Water	NWTPH-Dx LL	08/31/20 11:00	09/10/20 15:14	1060mL/2mL	1000mL/2mL	0.94
A0I0140-03	Water	NWTPH-Dx LL	08/31/20 12:15	09/10/20 15:14	1060mL/2mL	1000mL/2mL	0.94
A0I0140-04	Water	NWTPH-Dx LL	09/01/20 10:55	09/10/20 15:14	1060mL/2mL	1000mL/2mL	0.94
A0I0140-31	Water	NWTPH-Dx LL	09/01/20 09:25	09/10/20 10:49	1070mL/2mL	1000mL/2mL	0.94
A0I0140-32	Water	NWTPH-Dx LL	08/31/20 12:25	09/10/20 10:49	1070mL/2mL	1000mL/2mL	0.94
Batch: 0090324							
A0I0140-05	Water	NWTPH-Dx LL	09/01/20 10:10	09/11/20 08:21	1060mL/2mL	1000mL/2mL	0.94
A0I0140-06	Water	NWTPH-Dx LL	08/31/20 16:35	09/11/20 08:21	1070mL/2mL	1000mL/2mL	0.94
A0I0140-07	Water	NWTPH-Dx LL	08/31/20 14:40	09/11/20 08:21	1060mL/2mL	1000mL/2mL	0.94
A0I0140-08	Water	NWTPH-Dx LL	08/31/20 10:15	09/11/20 08:21	1060mL/2mL	1000mL/2mL	0.94
A0I0140-09	Water	NWTPH-Dx LL	08/31/20 13:40	09/11/20 08:21	1060mL/2mL	1000mL/2mL	0.94
A0I0140-10	Water	NWTPH-Dx LL	08/31/20 14:10	09/11/20 08:21	1060mL/2mL	1000mL/2mL	0.94
A0I0140-11	Water	NWTPH-Dx LL	09/01/20 08:10	09/11/20 08:21	1060mL/2mL	1000mL/2mL	0.94
A0I0140-12	Water	NWTPH-Dx LL	09/01/20 09:25	09/11/20 08:21	1060mL/2mL	1000mL/2mL	0.94
A0I0140-13	Water	NWTPH-Dx LL	09/02/20 08:35	09/11/20 08:21	1060mL/2mL	1000mL/2mL	0.94
A0I0140-14	Water	NWTPH-Dx LL	09/02/20 08:30	09/11/20 10:48	1060mL/2mL	1000mL/2mL	0.94
A0I0140-15	Water	NWTPH-Dx LL	08/31/20 15:05	09/11/20 10:48	1060mL/2mL	1000mL/2mL	0.94
A0I0140-16	Water	NWTPH-Dx LL	08/31/20 13:05	09/11/20 10:48	1060mL/2mL	1000mL/2mL	0.94
A0I0140-17	Water	NWTPH-Dx LL	08/31/20 15:50	09/11/20 10:48	1070mL/2mL	1000mL/2mL	0.94
A0I0140-18	Water	NWTPH-Dx LL	09/01/20 08:00	09/11/20 10:48	1070mL/2mL	1000mL/2mL	0.94
A0I0140-19	Water	NWTPH-Dx LL	09/01/20 08:40	09/11/20 10:48	1070mL/2mL	1000mL/2mL	0.94
A0I0140-20	Water	NWTPH-Dx LL	09/01/20 09:55	09/11/20 10:48	1070mL/2mL	1000mL/2mL	0.94
A0I0140-21	Water	NWTPH-Dx LL	09/01/20 11:30	09/11/20 12:50	1060mL/2mL	1000mL/2mL	0.94
A0I0140-22	Water	NWTPH-Dx LL	08/31/20 13:45	09/11/20 12:50	1060mL/2mL	1000mL/2mL	0.94
A0I0140-23	Water	NWTPH-Dx LL	08/31/20 10:10	09/11/20 12:50	1060mL/2mL	1000mL/2mL	0.94
A0I0140-24	Water	NWTPH-Dx LL	09/01/20 08:50	09/11/20 12:50	1060mL/2mL	1000mL/2mL	0.94
Batch: 0090334							
A0I0140-25	Water	NWTPH-Dx LL	09/01/20 11:40	09/11/20 12:51	1060mL/2mL	1000mL/2mL	0.94
A0I0140-26	Water	NWTPH-Dx LL	08/31/20 11:50	09/11/20 12:51	1060mL/2mL	1000mL/2mL	0.94
A0I0140-27	Water	NWTPH-Dx LL	09/01/20 09:15	09/11/20 12:51	1060mL/2mL	1000mL/2mL	0.94
A0I0140-28	Water	NWTPH-Dx LL	09/01/20 10:40	09/11/20 12:51	1060mL/2mL	1000mL/2mL	0.94
A0I0140-29	Water	NWTPH-Dx LL	08/31/20 12:15	09/11/20 12:51	1060mL/2mL	1000mL/2mL	0.94
A0I0140-30	Water	NWTPH-Dx LL	08/31/20 16:45	09/11/20 12:54	1060mL/2mL	1000mL/2mL	0.94

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Lisa Domenighini, Client Services Manager

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503-718-2323
ORELAP ID: **OR100062**

AMENDED 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**	**A0I0140 - 09 18 20 0809**

SAMPLE PREPARATION INFORMATION

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

Prep: EPA 5030B

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0090145							
A0I0140-01	Water	NWTPH-Gx (MS)	08/31/20 11:30	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-02	Water	NWTPH-Gx (MS)	08/31/20 11:00	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-03	Water	NWTPH-Gx (MS)	08/31/20 12:15	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-04	Water	NWTPH-Gx (MS)	09/01/20 10:55	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-05	Water	NWTPH-Gx (MS)	09/01/20 10:10	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-06	Water	NWTPH-Gx (MS)	08/31/20 16:35	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
Batch: 0090178							
A0I0140-08	Water	NWTPH-Gx (MS)	08/31/20 10:15	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-09	Water	NWTPH-Gx (MS)	08/31/20 13:40	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-10	Water	NWTPH-Gx (MS)	08/31/20 14:10	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-11	Water	NWTPH-Gx (MS)	09/01/20 08:10	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-12	Water	NWTPH-Gx (MS)	09/01/20 09:25	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-13	Water	NWTPH-Gx (MS)	09/02/20 08:35	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-14	Water	NWTPH-Gx (MS)	09/02/20 08:30	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-15	Water	NWTPH-Gx (MS)	08/31/20 15:05	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-16	Water	NWTPH-Gx (MS)	08/31/20 13:05	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-17	Water	NWTPH-Gx (MS)	08/31/20 15:50	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-18	Water	NWTPH-Gx (MS)	09/01/20 08:00	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-19	Water	NWTPH-Gx (MS)	09/01/20 08:40	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-20	Water	NWTPH-Gx (MS)	09/01/20 09:55	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-21	Water	NWTPH-Gx (MS)	09/01/20 11:30	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-22	Water	NWTPH-Gx (MS)	08/31/20 13:45	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-23	Water	NWTPH-Gx (MS)	08/31/20 10:10	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-24	Water	NWTPH-Gx (MS)	09/01/20 08:50	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-25	Water	NWTPH-Gx (MS)	09/01/20 11:40	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-26	Water	NWTPH-Gx (MS)	08/31/20 11:50	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-27	Water	NWTPH-Gx (MS)	09/01/20 09:15	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
Batch: 0090197							
A0I0140-07RE1	Water	NWTPH-Gx (MS)	08/31/20 14:40	09/08/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-28	Water	NWTPH-Gx (MS)	09/01/20 10:40	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00
A0I0140-29	Water	NWTPH-Gx (MS)	08/31/20 12:15	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00
A0I0140-30	Water	NWTPH-Gx (MS)	08/31/20 16:45	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00
A0I0140-31	Water	NWTPH-Gx (MS)	09/01/20 09:25	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00
A0I0140-32	Water	NWTPH-Gx (MS)	08/31/20 12:25	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

SAMPLE PREPARATION INFORMATION

BTEX Compounds by EPA 8260D

Prep: EPA 5030B

Lab Number	Matrix	Method	Sampled	Prepared	Sample Initial/Final	Default Initial/Final	RL Prep Factor
Batch: 0090145							
A0I0140-01	Water	EPA 8260D	08/31/20 11:30	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-02	Water	EPA 8260D	08/31/20 11:00	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-03	Water	EPA 8260D	08/31/20 12:15	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-04	Water	EPA 8260D	09/01/20 10:55	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-05	Water	EPA 8260D	09/01/20 10:10	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-06	Water	EPA 8260D	08/31/20 16:35	09/04/20 10:38	5mL/5mL	5mL/5mL	1.00
Batch: 0090178							
A0I0140-08	Water	EPA 8260D	08/31/20 10:15	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-09	Water	EPA 8260D	08/31/20 13:40	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-10	Water	EPA 8260D	08/31/20 14:10	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-11	Water	EPA 8260D	09/01/20 08:10	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-12	Water	EPA 8260D	09/01/20 09:25	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-13	Water	EPA 8260D	09/02/20 08:35	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-14	Water	EPA 8260D	09/02/20 08:30	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-15	Water	EPA 8260D	08/31/20 15:05	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-16	Water	EPA 8260D	08/31/20 13:05	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-17	Water	EPA 8260D	08/31/20 15:50	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-18	Water	EPA 8260D	09/01/20 08:00	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-19	Water	EPA 8260D	09/01/20 08:40	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-20	Water	EPA 8260D	09/01/20 09:55	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-21	Water	EPA 8260D	09/01/20 11:30	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-22	Water	EPA 8260D	08/31/20 13:45	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-23	Water	EPA 8260D	08/31/20 10:10	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-24	Water	EPA 8260D	09/01/20 08:50	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-25	Water	EPA 8260D	09/01/20 11:40	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-26	Water	EPA 8260D	08/31/20 11:50	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
A0I0140-27	Water	EPA 8260D	09/01/20 09:15	09/04/20 16:10	5mL/5mL	5mL/5mL	1.00
Batch: 0090197							
A0I0140-07RE1	Water	EPA 8260D	08/31/20 14:40	09/08/20 10:38	5mL/5mL	5mL/5mL	1.00
A0I0140-28	Water	EPA 8260D	09/01/20 10:40	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00
A0I0140-29	Water	EPA 8260D	08/31/20 12:15	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00
A0I0140-30	Water	EPA 8260D	08/31/20 16:45	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00
A0I0140-31	Water	EPA 8260D	09/01/20 09:25	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00
A0I0140-32	Water	EPA 8260D	08/31/20 12:25	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00
A0I0140-33	Water	EPA 8260D	08/31/20 00:00	09/08/20 10:23	5mL/5mL	5mL/5mL	1.00

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

QUALIFIER DEFINITIONS

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

Apex Laboratories

AMEND	Result for this sample or analyte has been amended from the original report. See Case Narrative for details.
F-11	The hydrocarbon pattern indicates possible weathered diesel, mineral oil, or a contribution from a related component.
F-13	The chromatographic pattern does not resemble the fuel standard used for quantitation
F-20	Result for Diesel is Estimated due to overlap from Gasoline Range Organics or other VOCs.
PRES	Incomplete field preservation. Additional preservative was added to adjust the pH within the appropriate range for this analysis.
Q-19	Blank Spike Duplicate (BSD) sample analyzed in place of Matrix Spike/Duplicate samples due to limited sample amount available for analysis.
T-02	This Batch QC sample was analyzed outside of the method specified 12 hour analysis window. Results are estimated.

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

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.

Apex Laboratories

Lisa Domenighini, Client Services Manager

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**

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

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Lisa Domenighini, Client Services Manager

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ORELAP ID: **OR100062**

AMENDED 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**	**A0I0140 - 09 18 20 0809**

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

Lisa A Domenighini

Lisa Domenighini, Client Services Manager

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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**	**A0I0140 - 09 18 20 0809**

APEX LABS

6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A0I0140 COC 1 of 4

Company: HydroCon
Project Mgr: Craig Hultgren
Project Name: Coleman Oil Wenatchee [redacted]
Project #: 2017-074
Address:
Phone:
Email: craigh@hydroconllc.net
PO #
Sampled by: Chris Daschel
Site Location: OR (WA) CA AK ID

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	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	TCLP Metals (8)							Archive
MW01S-W		8/31/20	1130	H_2O	4		X	X	X																		
MW03S-W		8/31/20	1100	↓	↓		↓	↓	↓																		
MW06-W		8/31/20	1215	↓	↓		↓	↓	↓																		
MW08-W		9/1/20	1055	↓	↓		↓	↓	↓																		
MW0912-W		9/1/20	1010	↓	↓		↓	↓	↓																		
MW1012-W		8/31/20	1635	↓	↓		↓	↓	↓																		
MW11-W		8/31/20	1440	↓	↓		↓	↓	↓																		
MW12-W		8/31/20	1015	↓	↓		↓	↓	↓																		
MW1312-W		8/31/20	1340	↓	↓		↓	↓	↓																		
MW14-W		8/31/20	1410	↓	↓		↓	↓	↓																		

Normal Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day 4 DAY 5 DAY Other: (Standard non-rush)

SPECIAL INSTRUCTIONS: Run trip blanks for BTEX

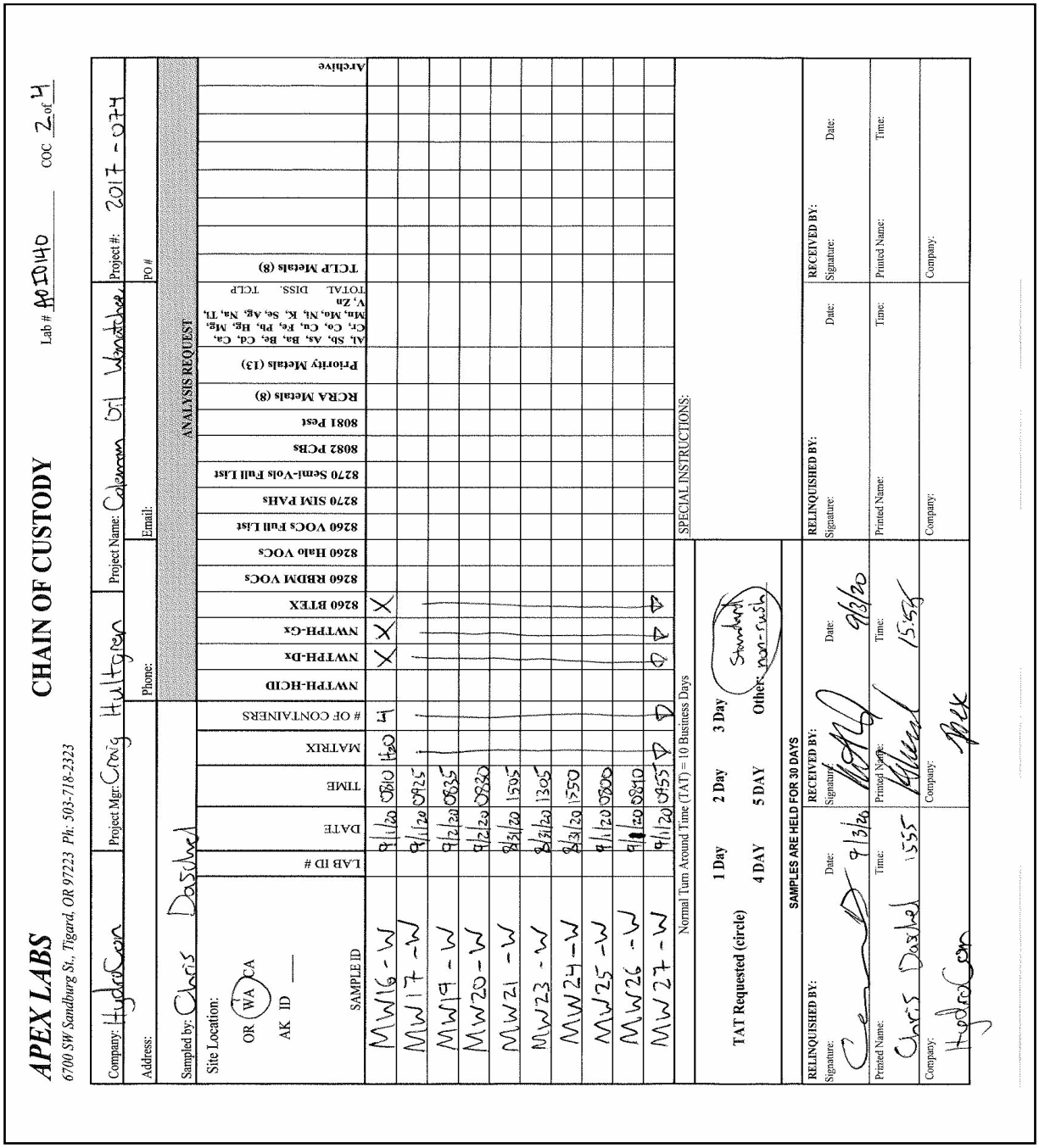
SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature: [signature] Date: 9/3/20	Signature: [signature] Date: 9/3/20	Signature: Date:	Signature: Date:
Printed Name: Chris Daschel Time: 1555	Printed Name: [illegible] Time: 1555	Printed Name: Time:	Printed Name: Time:
Company: HydroCon	Company: Apex	Company:	Company:

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

AMENDED 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**	**A0I0140 - 09 18 20 0809**



APEX LABS — **CHAIN OF CUSTODY** — Lab # A0I0140 — COC 2 of 4

6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

Company: HydroCon — Project Mgr: Craig Hultgren — Phone: — Project Name: Coleman Wenatchee — Project #: 2017-074

Address: — Email: — PO #

Sampled by: Chris Dashiell

Site Location: OR (WA) CA AK ID ___

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	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	TCLP Metals (8)	Archive
MW16-W		9/1/20	0810	H2O	4		X	X	X											
MW17-W		9/1/20	0825																	
MW19-W		9/2/20	0835																	
MW20-W		9/2/20	0830																	
MW21-W		8/31/20	1505																	
MW23-W		8/31/20	1305																	
MW24-W		8/31/20	1550																	
MW25-W		9/1/20	0800																	
MW26-W		9/1/20	0810																	
MW27-W		9/1/20	0955	D	D	D	D	D	D											

SPECIAL INSTRUCTIONS:

Normal Turn Around Time (TAT) = 10 Business Days

TAT Requested (circle): 1 Day 2 Day 3 Day Standard 4 DAY 5 DAY Other: non-rush

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature:	Signature:	Signature:	Signature:
Date: 9/3/20	Date: 9/3/20	Date:	Date:
Printed Name: Chris Dashiell	Printed Name:	Printed Name:	Printed Name:
Time: 1555	Time: 15:55	Time:	Time:
Company: HydroCon	Company: Apex	Company:	Company:

Apex Laboratories

Lisa A Domenighini

Lisa Domenighini, Client Services Manager

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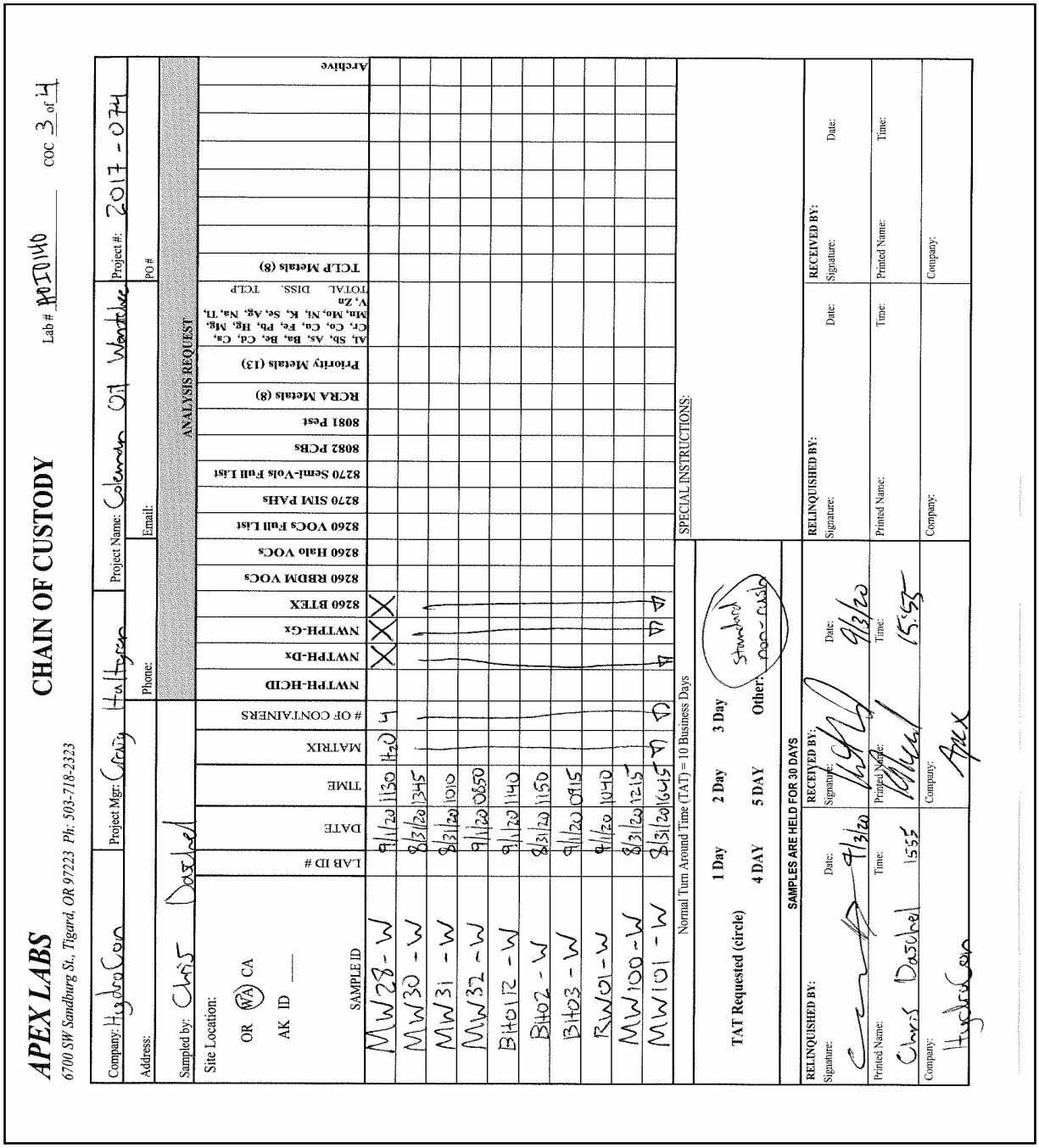
503-718-2323
ORELAP ID: **OR100062**

AMENDED 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**	**A0I0140 - 09 18 20 0809**



APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A0I0140 COC 3 of 4

Company: HydroCon | Project Mgr: Craig Hultgren | Project Name: Coleman Wenatchee | Project #: 2017-074
Address: | Phone: | Email: | PO #
Sampled by: Chris Dashiell

Site Location: OR (WA) CA / AK ID ____

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	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	TCLP Metals (8)	Archive
MW28-W		9/1/20	1130	H2O	4		X	X												
MW30-W		8/31/20	1345																	
MW31-W		8/31/20	1010																	
MW32-W		9/1/20	0850																	
BH01/2-W		9/1/20	1140																	
BH02-W		8/31/20	1150																	
BH03-W		9/1/20	0915																	
RW01-W		9/1/20	1040																	
MW100-W		8/31/20	1215																	
MW101-W		8/31/20	1645		4		4	4	4											

Normal Turn Around Time (TAT) = 10 Business Days

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

SPECIAL INSTRUCTIONS:

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY: Signature:	Date: 9/3/20	RECEIVED BY: Signature:	Date: 9/3/20	RELINQUISHED BY: Signature:	Date:	RECEIVED BY: Signature:	Date:
Printed Name: Chris Dashiell	Time: 1555	Printed Name:	Time: 15:55	Printed Name:	Time:	Printed Name:	Time:
Company: HydroCon		Company: Apex		Company:		Company:	

Apex Laboratories

Lisa A Domenighini

Lisa Domenighini, Client Services Manager

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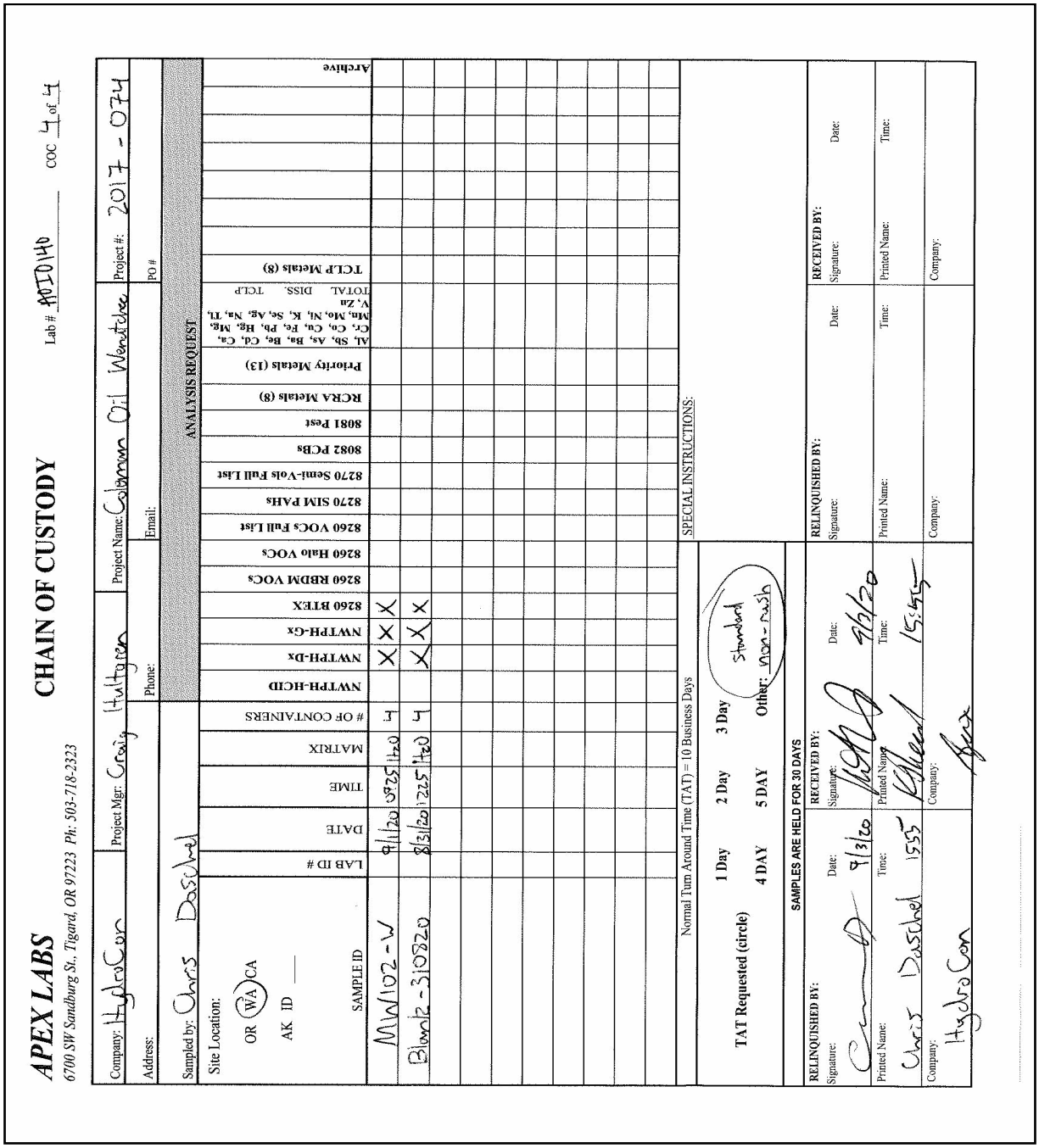
503-718-2323
ORELAP ID: **OR100062**

AMENDED 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**	**A0I0140 - 09 18 20 0809**



APEX LABS
6700 SW Sandburg St., Tigard, OR 97223 Ph: 503-718-2323

CHAIN OF CUSTODY

Lab # A0I0140 COC 4 of 4

Company: HydroCon | Project Mgr: Craig Hultgren | Project Name: Coleman Ori Wenatchee | Project #: 2017-074
Address: | Phone: | Email: | PO #
Sampled by: Chris Dasckel

Site Location: OR (WA) CA AK ID ___

ANALYSIS REQUEST

SAMPLE ID	LAB ID #	DATE	TIME	MATRIX	# OF CONTAINERS	NWTPH-HCID	NWTPH-Dx	NWTPH-Gx	8260 BTEX	8260 RBDM VOCs	8260 Halo VOCs	8260 VOCs Full List	8270 SIM PAHs	8270 Semi-Vols Full List	8082 PCBs	8081 Pest	RCRA Metals (8)	Priority Metals (13)	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	TCLP Metals (8)	Archive
MW102-W		9/1/20	0825	H2O	4		X	X	X											
Blank-310820		8/31/20	1225	H2O	4		X	X	X											

Normal Turn Around Time (TAT) = 10 Business Days

SPECIAL INSTRUCTIONS:

TAT Requested (circle)
1 Day 2 Day 3 Day
4 DAY 5 DAY Other: Non-rush Standard

SAMPLES ARE HELD FOR 30 DAYS

RELINQUISHED BY:	RECEIVED BY:	RELINQUISHED BY:	RECEIVED BY:
Signature:	Signature:	Signature:	Signature:
Date: 9/3/20	Date: 9/3/20	Date:	Date:
Printed Name: Chris Dasckel	Printed Name:	Printed Name:	Printed Name:
Time: 1555	Time: 1555	Time:	Time:
Company: HydroCon	Company: Apex	Company:	Company:

Apex Laboratories

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Lisa A Domenighini

Lisa Domenighini, Client Services Manager

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AMENDED 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**	**A0I0140 - 09 18 20 0809**

APEX LABS COOLER RECEIPT FORM

Client: Hydrocon Element WO#: A0 I0140

Project/Project #: Coleman Oil Wenatchee #2017-074 aac 9/14/20

Delivery Info:

Date/time received: 9/3/20 @ 15:55 By: MS

Delivered by: Apex___ Client X ESS___ FedEx___ UPS___ Swift___ Senvoy___ SDS___ Other___

Cooler Inspection Date/time inspected: 9/3/20 @ 15:55 By: MS

Chain of Custody included? Yes Y No___ Custody seals? Yes___ No X

Signed/dated by client? Yes Y No___

Signed/dated by Apex? Yes Y No___

	Cooler #1	Cooler #2	Cooler #3	Cooler #4	Cooler #5	Cooler #6	Cooler #7
Temperature (°C)	5.2	5.8	2.6	5.6			
Received on ice? (Y/N)	Y	Y					
Temp. blanks? (Y/N)	Y	Y					
~~Ice type: (Gel/Real/Other)~~	Real	Real					
Condition:	Good						

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

If some coolers are in temp and some out, were green dots applied to out of temperature samples? Yes/No/NA

Out of temperature samples form initiated? Yes/No/NA 9/14/20

Samples Inspection: Date/time inspected: ~~9/3/20~~ @ 1219 By: AAC

All samples intact? Yes X No___ Comments: aac 9/14/20

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 MW035-W 1/3 HS, MW17-W 3/3 sed., MW20-W 1/3 HS, MW25-W + MW30-W

Water samples: pH checked: Yes X No___ NA___ pH appropriate? Yes X No___ NA___

Comments:

Additional information: 3/3 sed.

Non-Apex-Prepped TBs provided.

Labeled by: AAC Witness: Cooler Inspected by: MS See Project Contact Form: Y

Apex Laboratories

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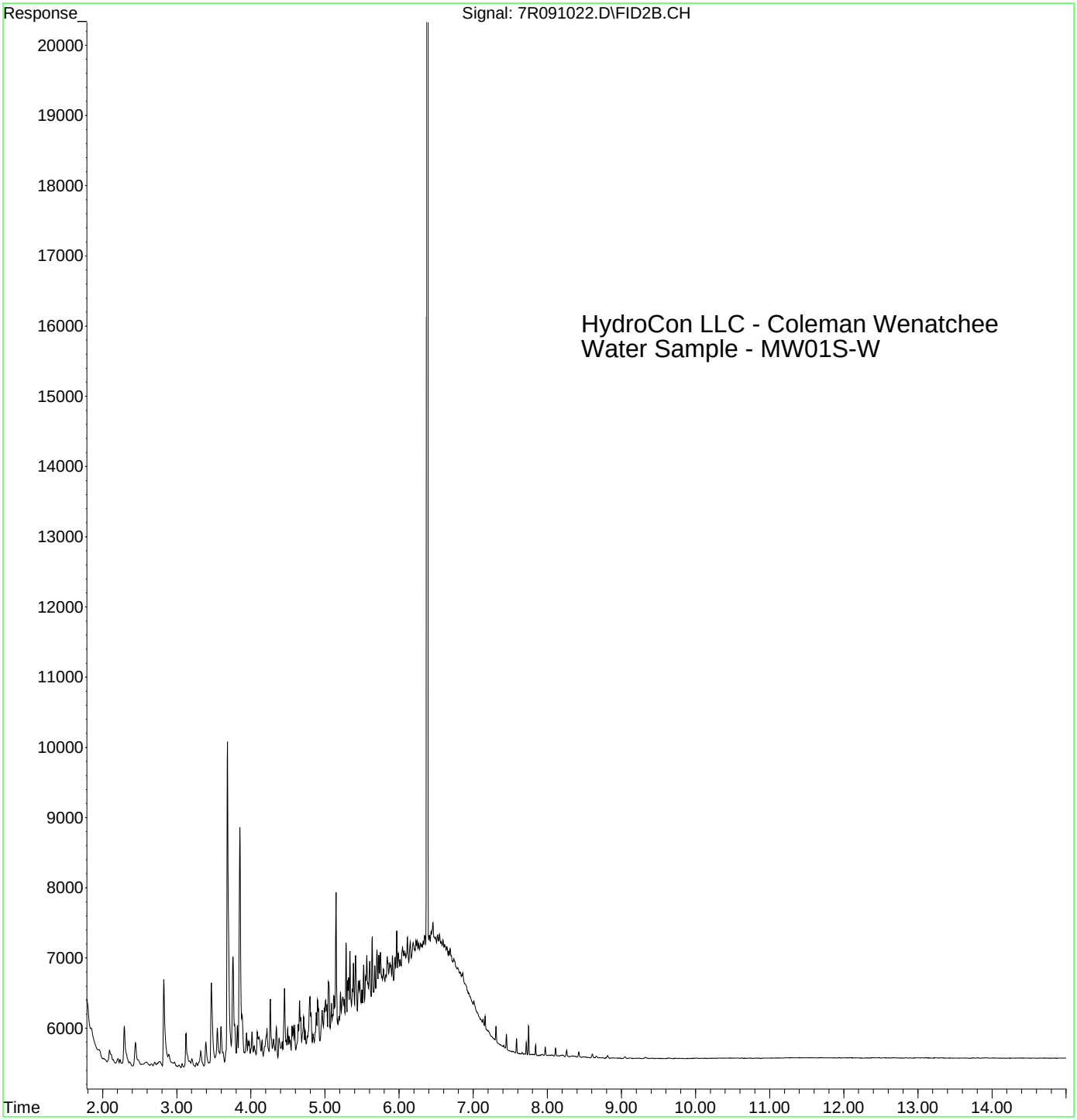
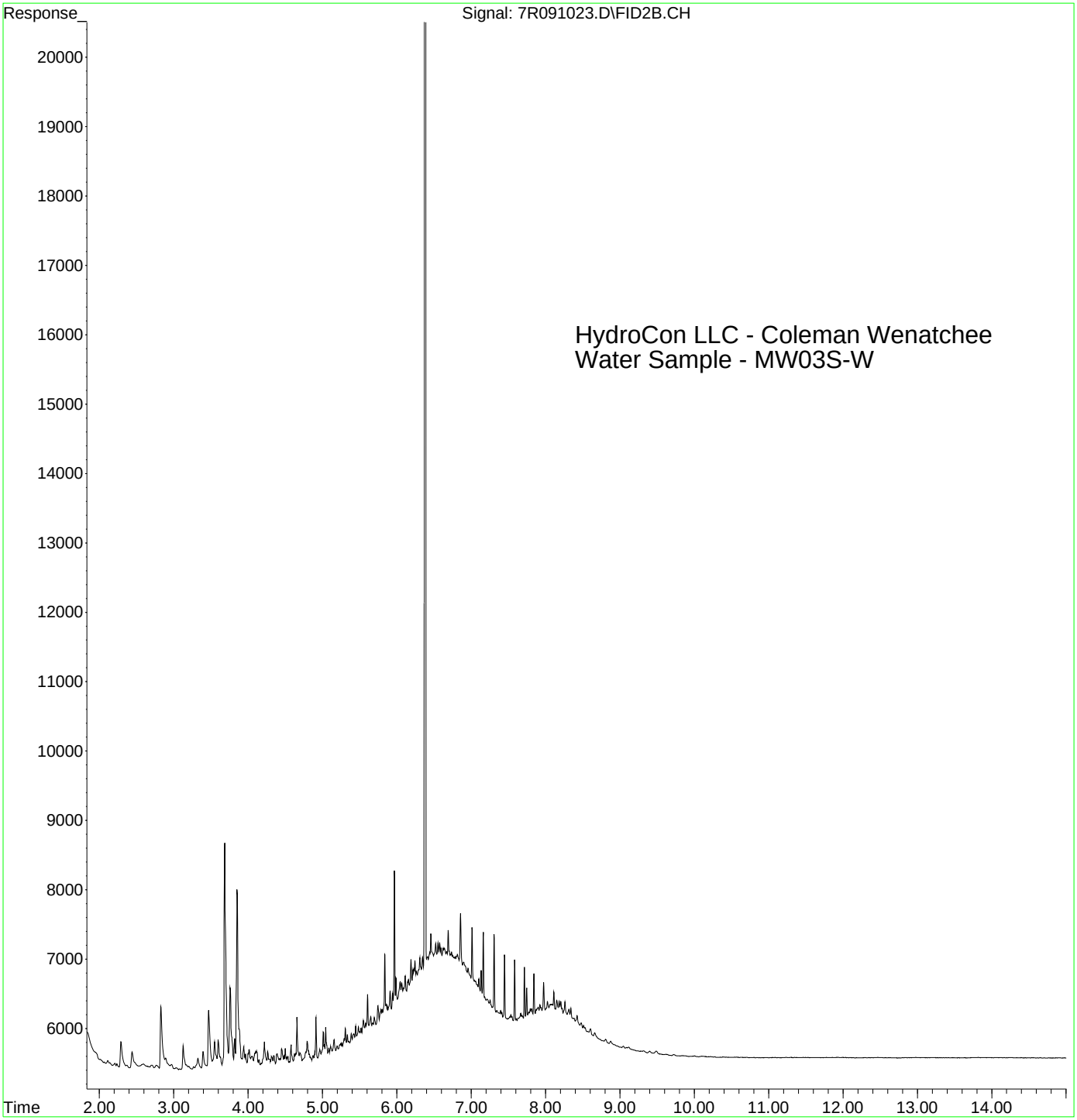
Lisa A Domenighini

Lisa Domenighini, Client Services Manager

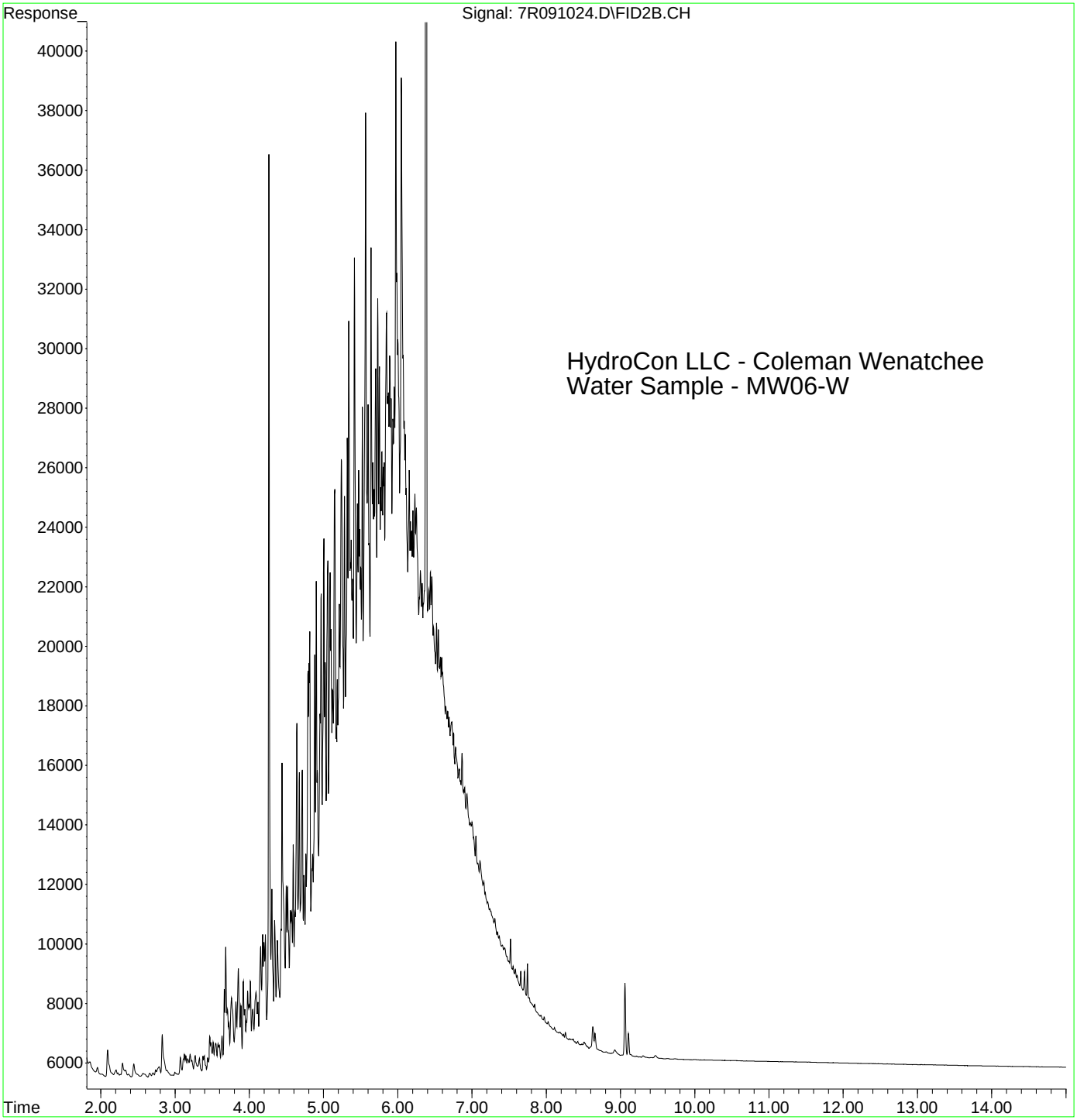
File :C:\msdchem\1\data\2020-09\0I10048\7R091022.D
Operator : BLL
Acquired : 11 Sep 2020 4:08 am using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-01
Misc Info :
Vial Number: 65



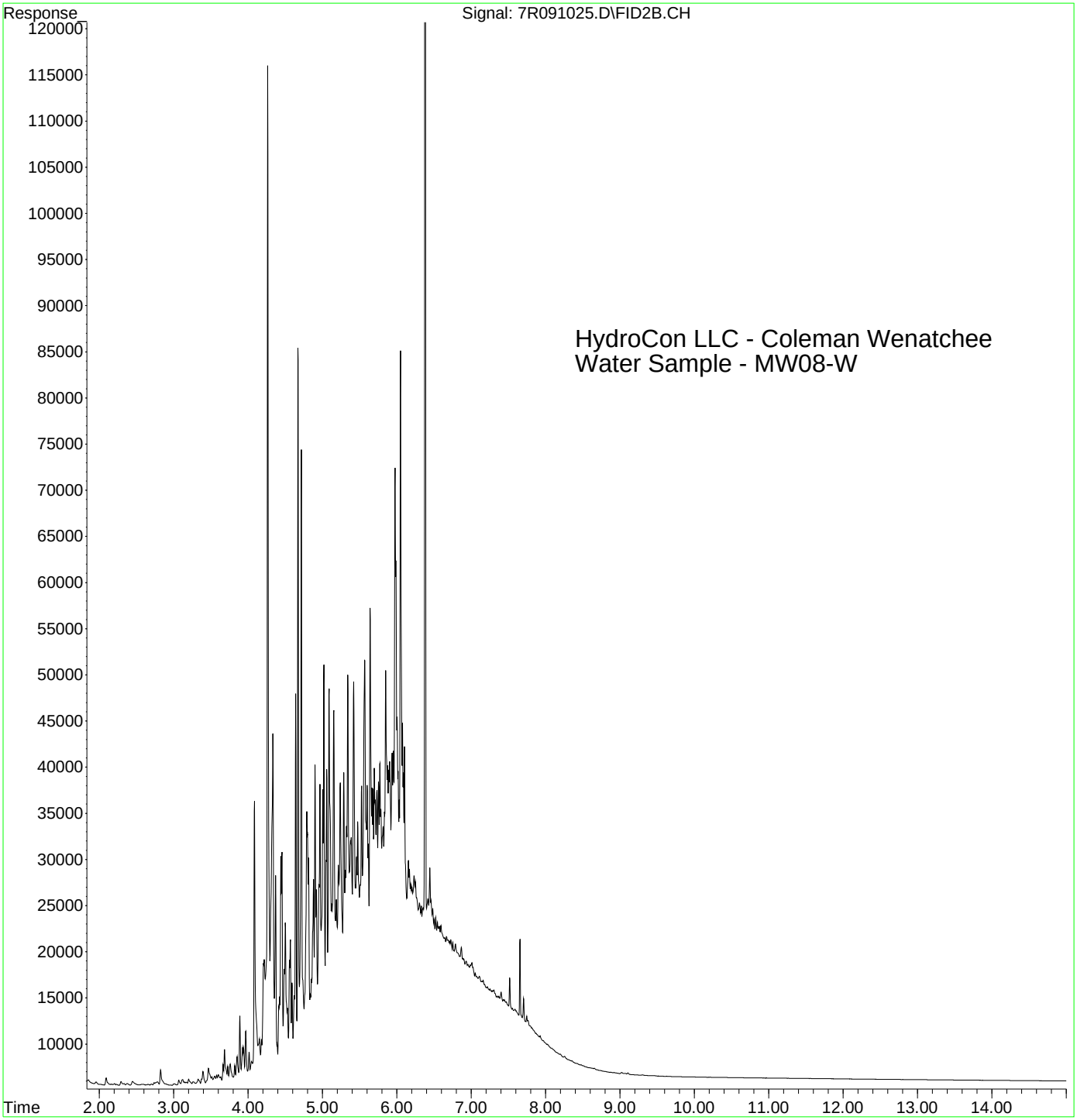
File :C:\msdchem\1\data\2020-09\0I10048\7R091023.D
Operator : BLL
Acquired : 11 Sep 2020 4:29 am using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-02
Misc Info :
Vial Number: 66



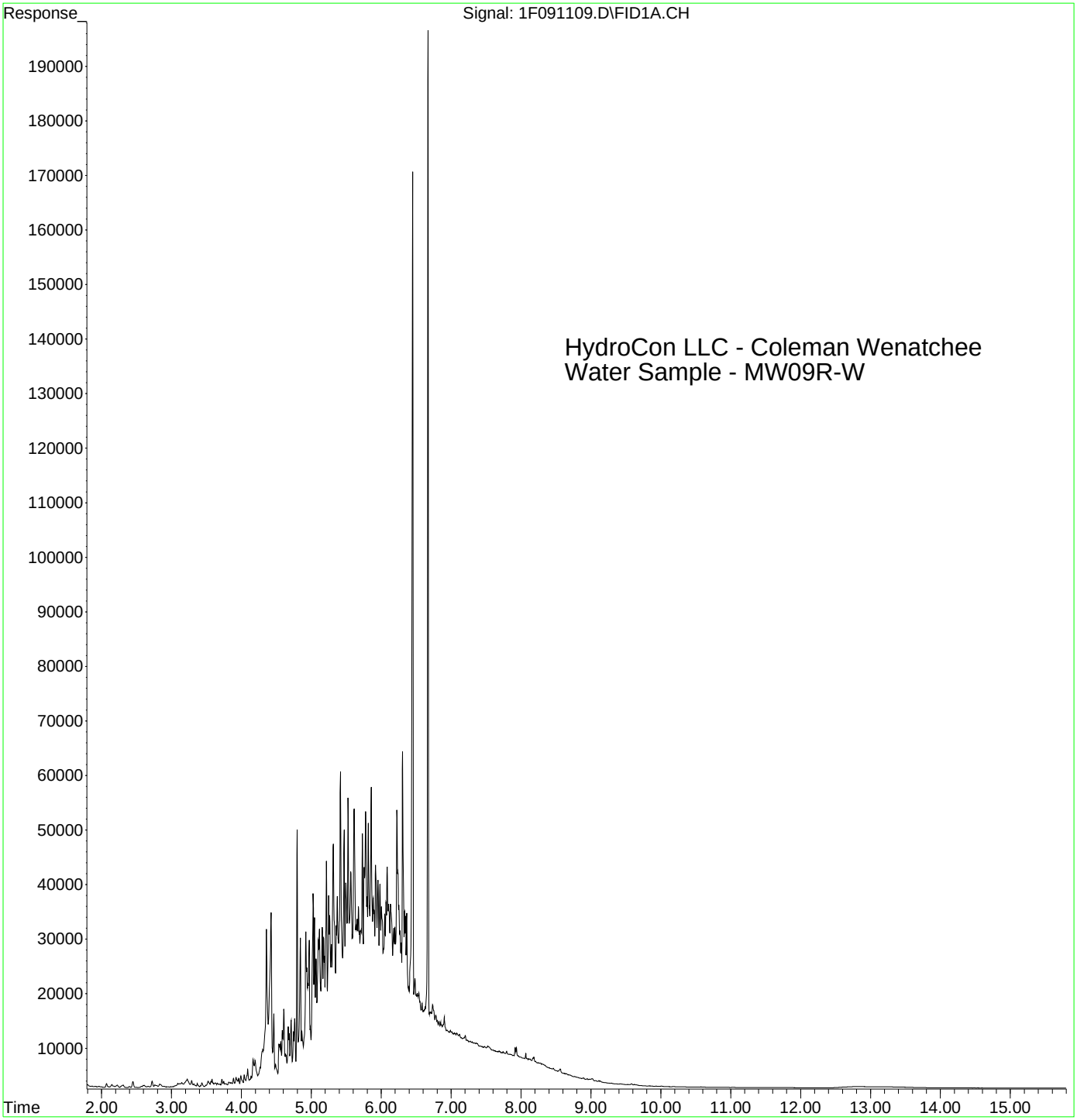
File :C:\msdchem\1\data\2020-09\0I10048\7R091024.D
Operator : BLL
Acquired : 11 Sep 2020 4:50 am using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-03
Misc Info :
Vial Number: 67



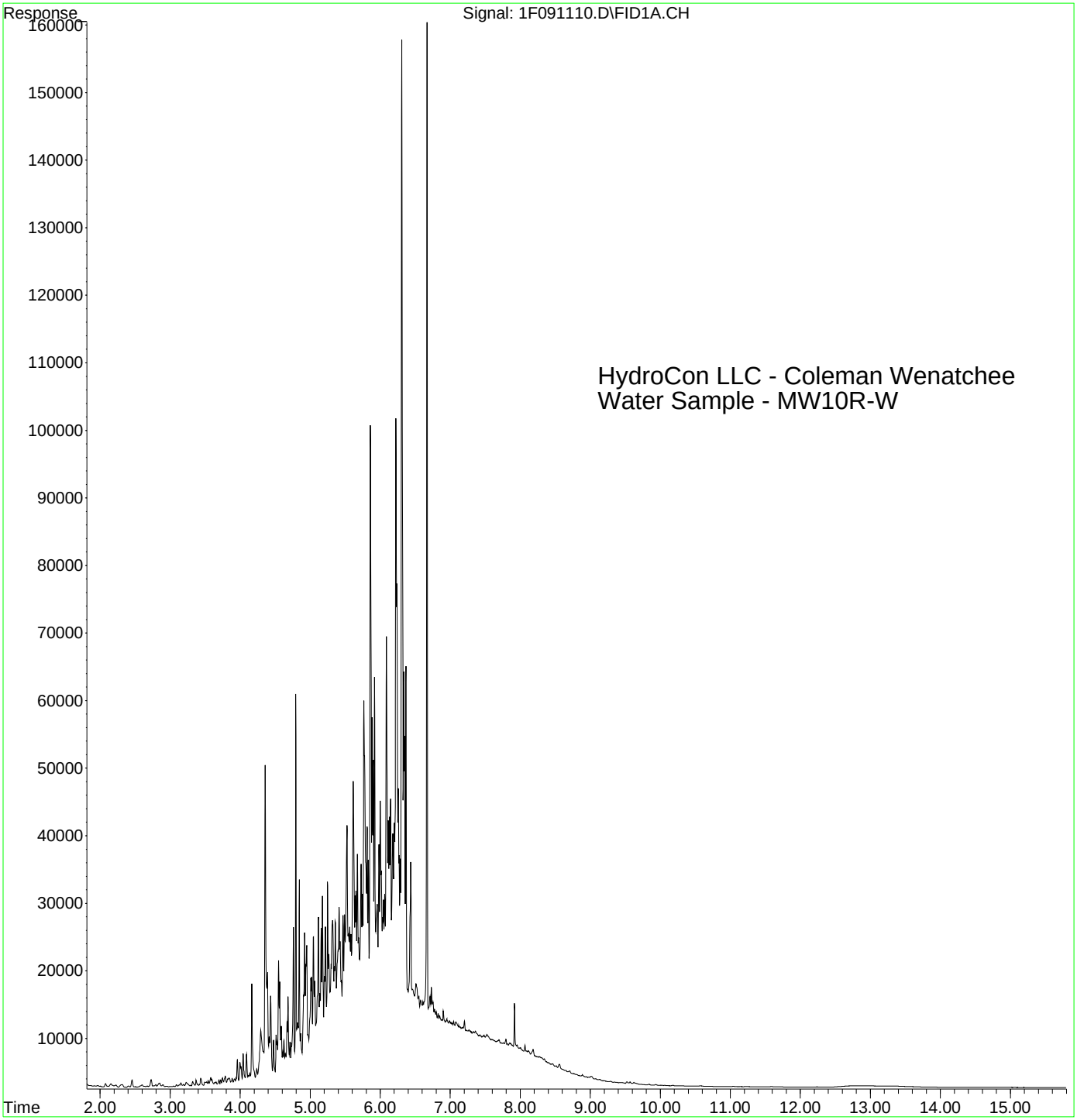
File :C:\msdchem\1\data\2020-09\0I10048\7R091025.D
Operator : BLL
Acquired : 11 Sep 2020 5:10 am using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-04
Misc Info :
Vial Number: 68



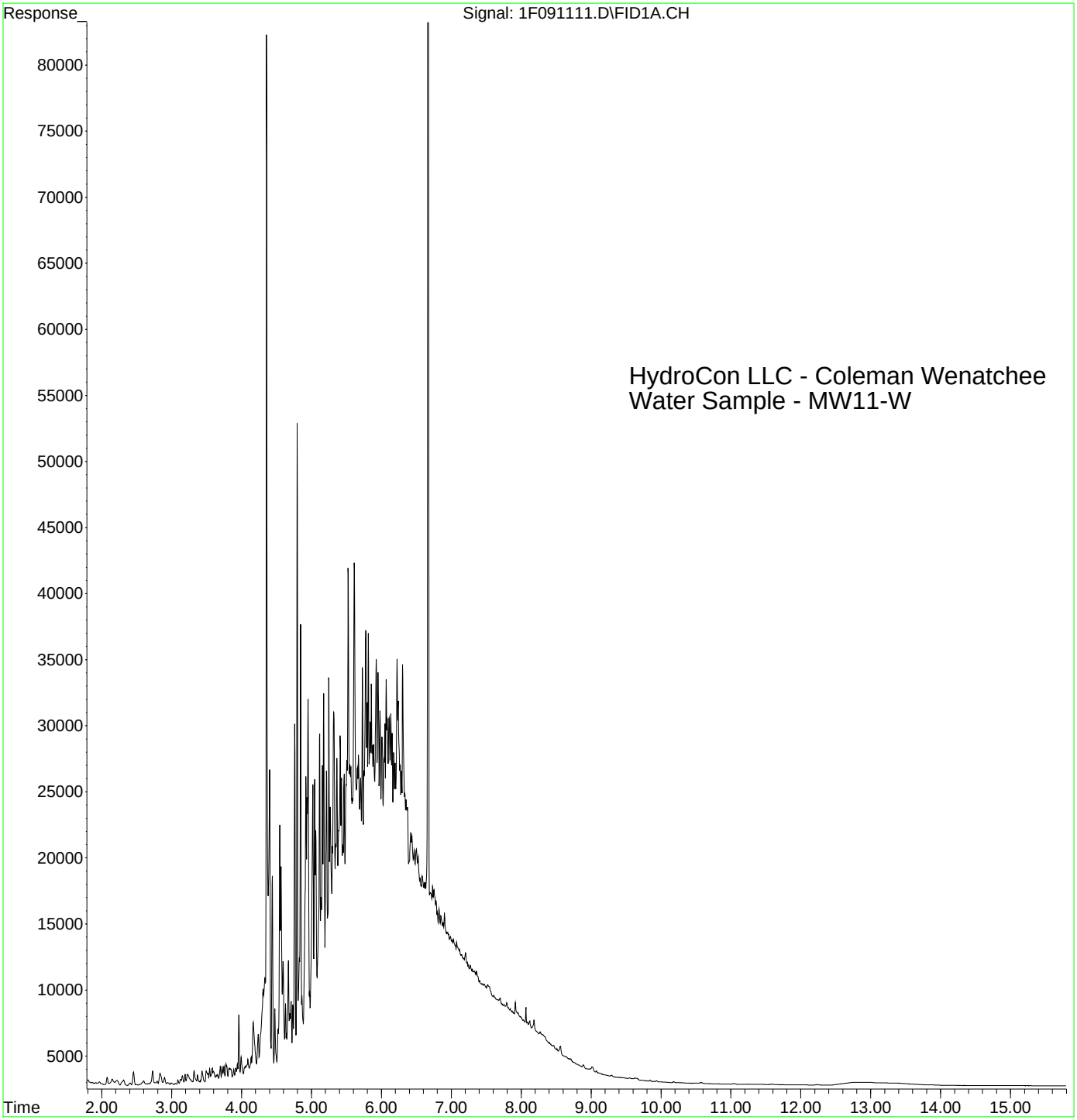
File :C:\msdchem\1\data\2020-09\0I11019\1F091109.D
Operator : BLL
Acquired : 11 Sep 2020 10:22 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-05
Misc Info :
Vial Number: 6



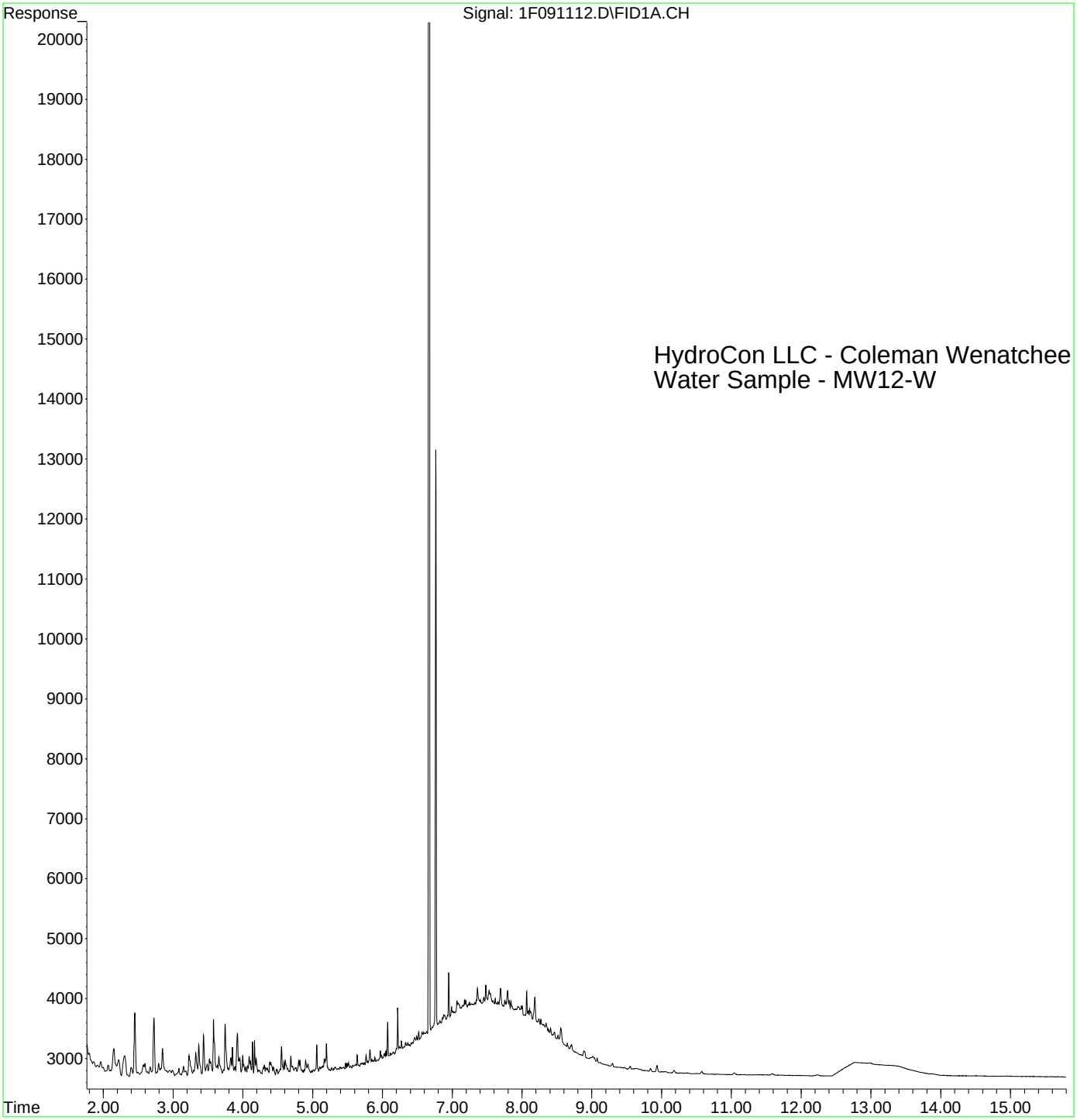
File :C:\msdchem\1\data\2020-09\0I11019\1F091110.D
Operator : BLL
Acquired : 11 Sep 2020 10:45 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-06
Misc Info :
Vial Number: 7



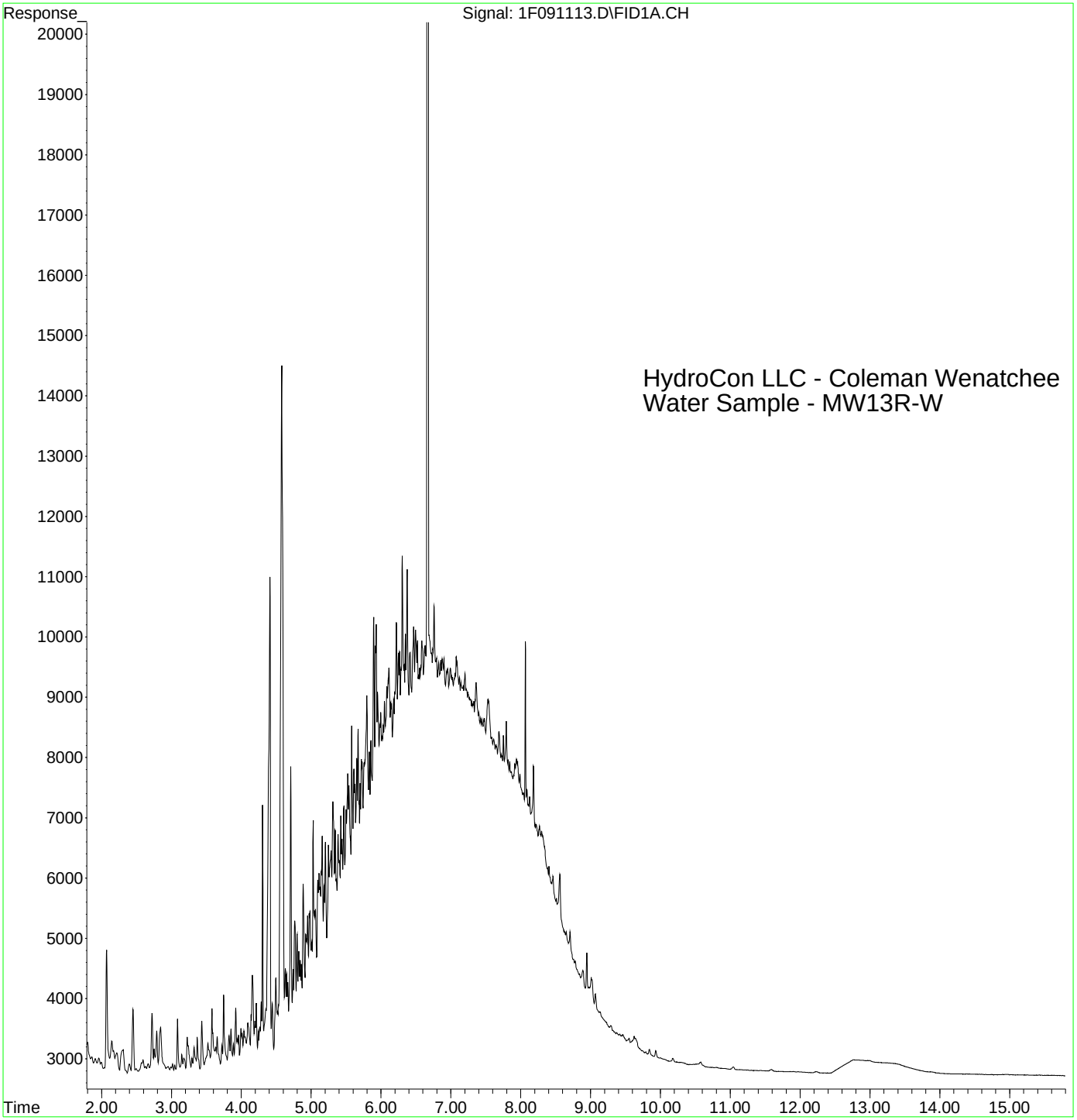
File :C:\msdchem\1\data\2020-09\0I11019\1F091111.D
Operator : BLL
Acquired : 11 Sep 2020 11:07 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-07
Misc Info :
Vial Number: 8



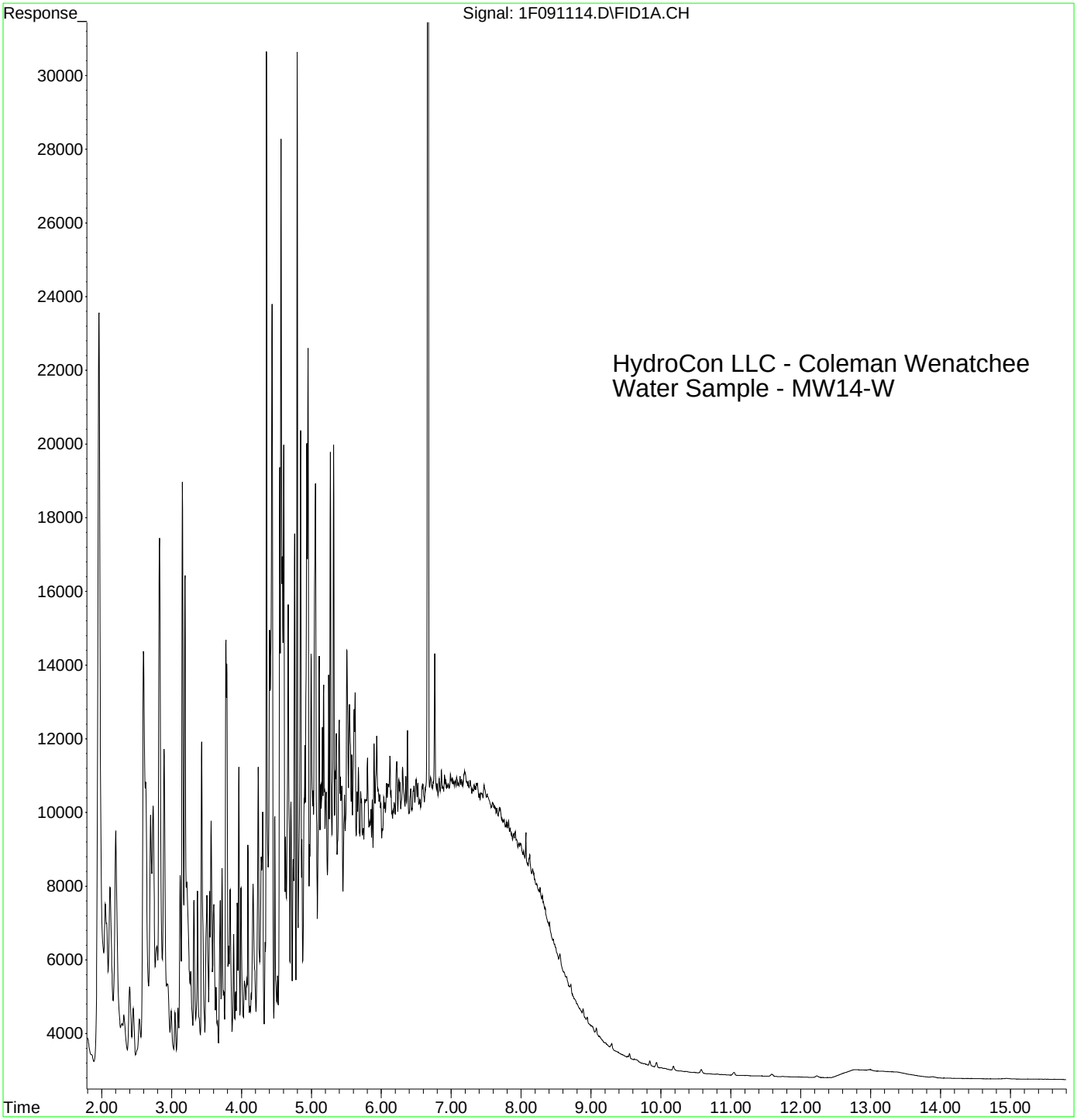
File :C:\msdchem\1\data\2020-09\0I11019\1F091112.D
Operator : BLL
Acquired : 11 Sep 2020 11:30 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-08
Misc Info :
Vial Number: 9



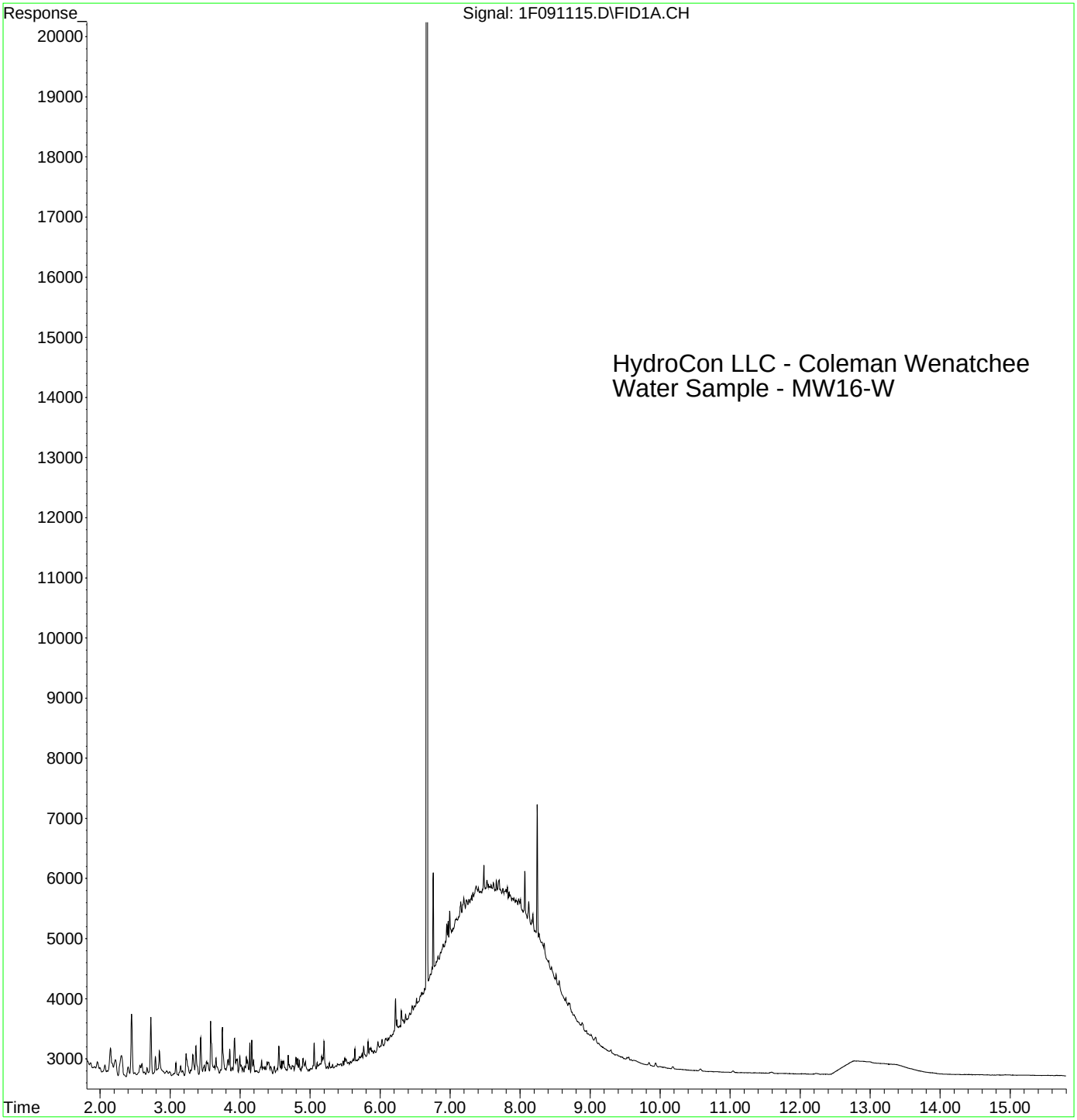
File :C:\msdchem\1\data\2020-09\0I11019\1F091113.D
Operator : BLL
Acquired : 11 Sep 2020 11:53 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-09
Misc Info :
Vial Number: 10



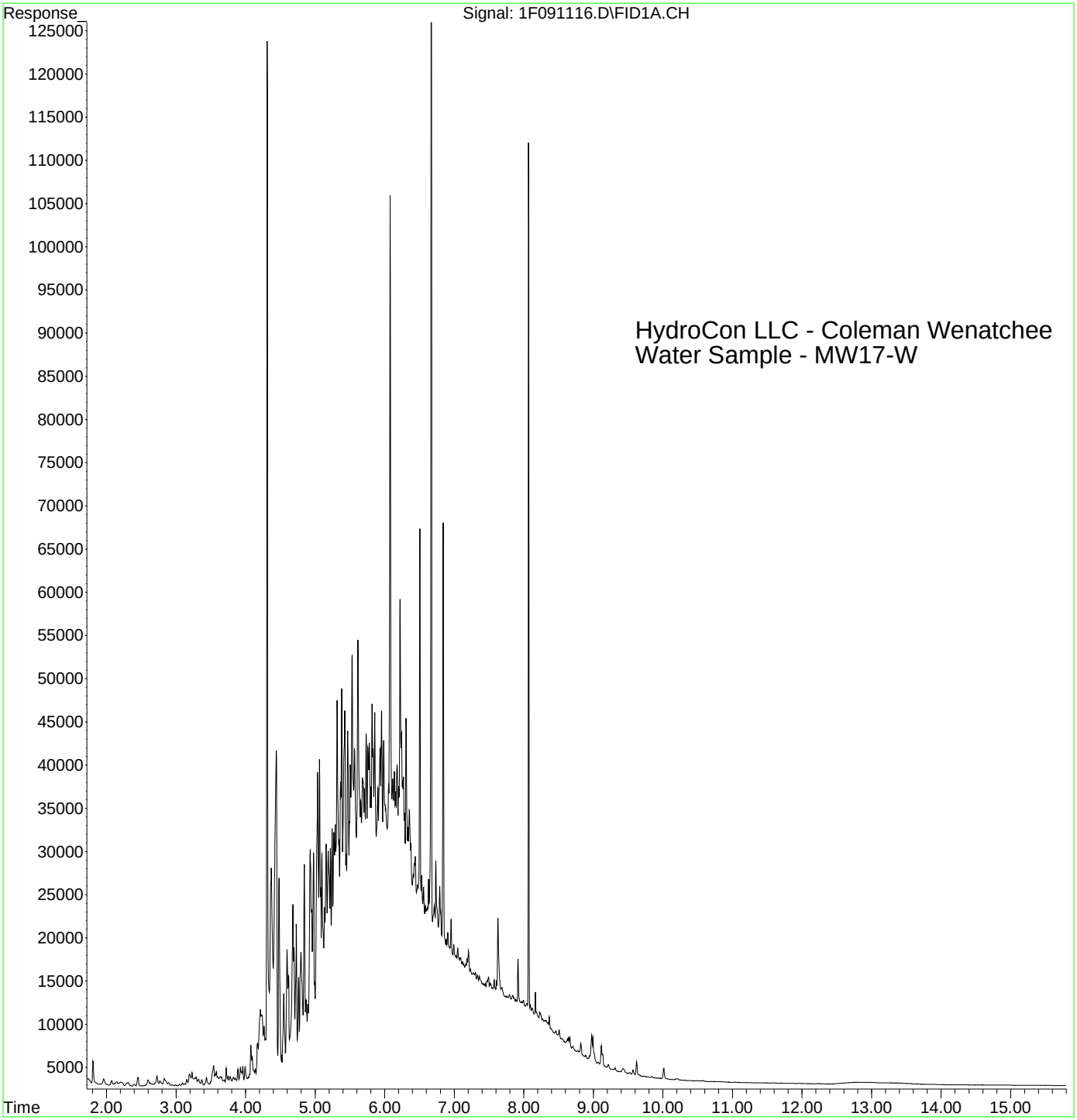
File :C:\msdchem\1\data\2020-09\0I11019\1F091114.D
Operator : BLL
Acquired : 12 Sep 2020 12:16 am using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-10
Misc Info :
Vial Number: 11



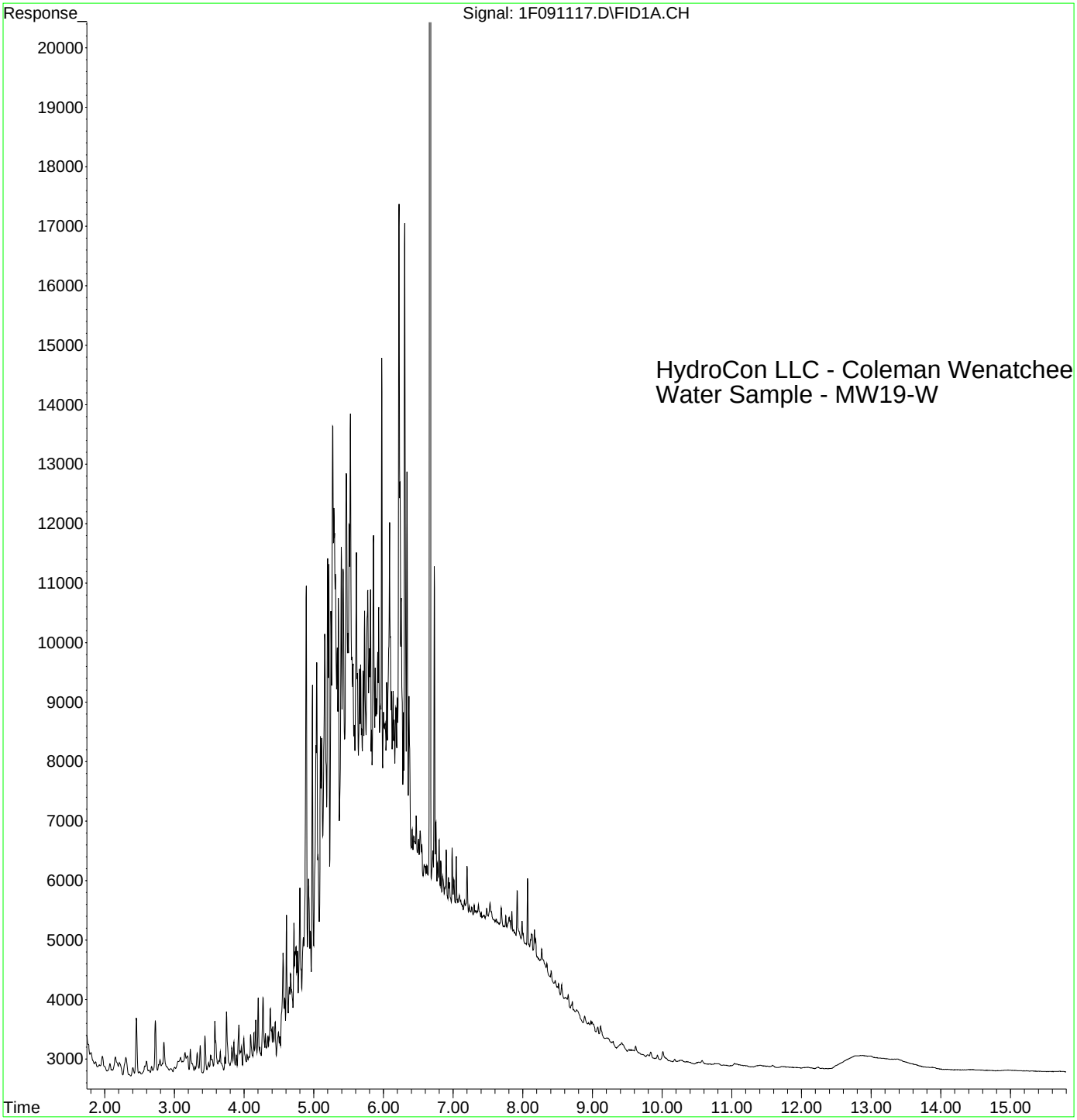
File :C:\msdchem\1\data\2020-09\0I11019\1F091115.D
Operator : BLL
Acquired : 12 Sep 2020 12:38 am using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-11
Misc Info :
Vial Number: 12



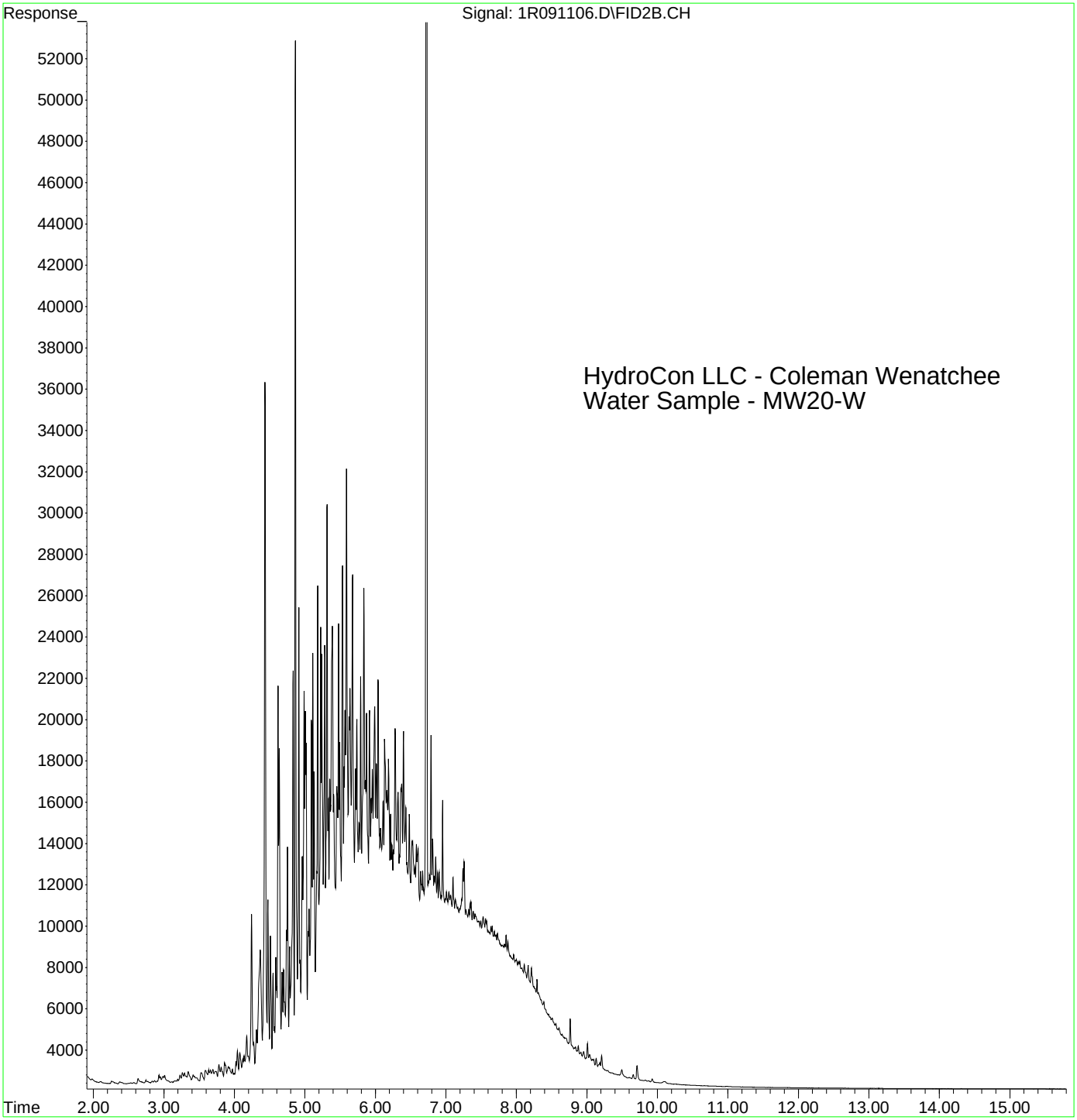
File :C:\msdchem\1\data\2020-09\0I11019\1F091116.D
Operator : BLL
Acquired : 12 Sep 2020 1:01 am using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-12
Misc Info :
Vial Number: 13



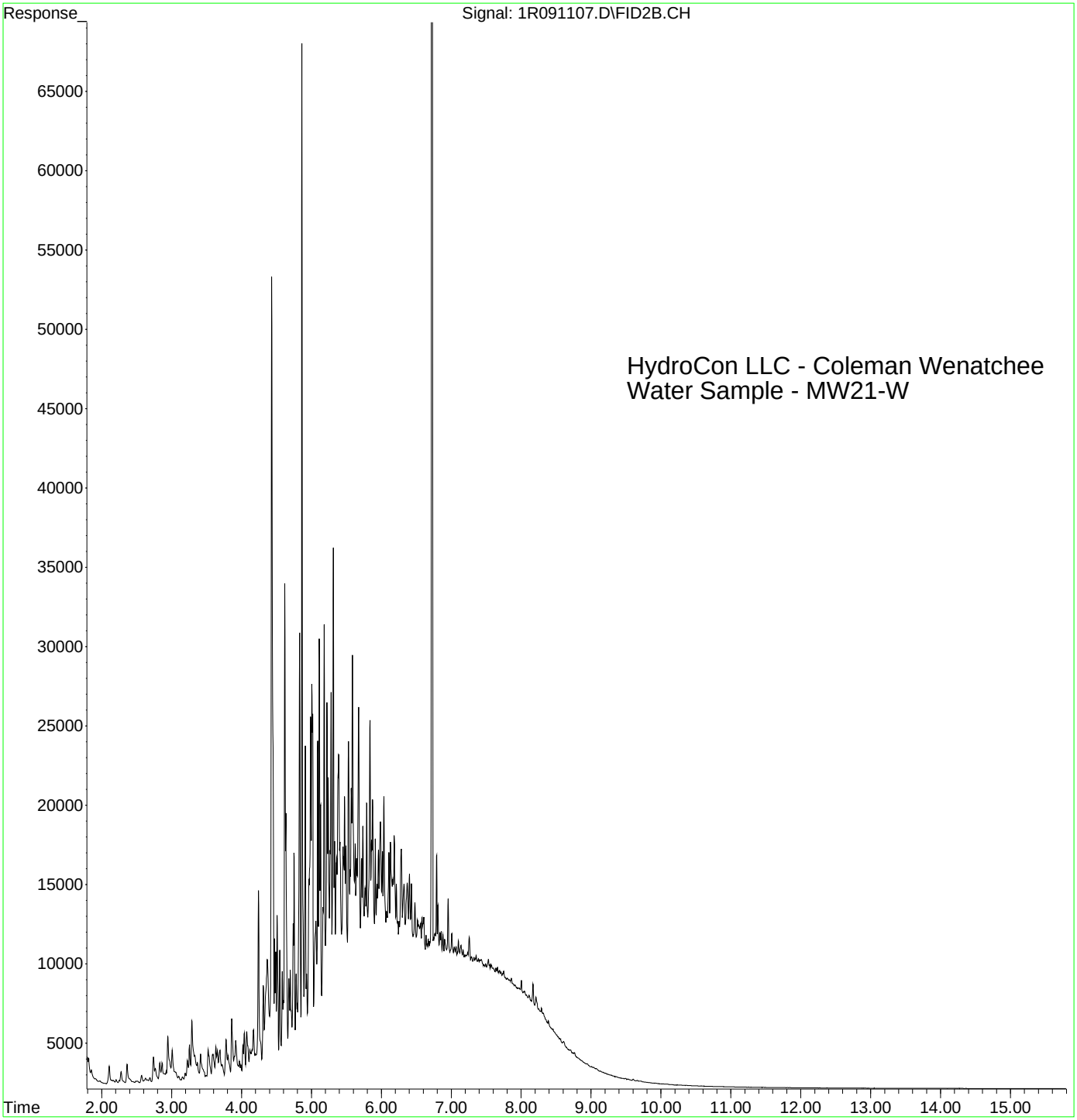
File :C:\msdchem\1\data\2020-09\0I11019\1F091117.D
Operator : BLL
Acquired : 12 Sep 2020 1:24 am using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-13
Misc Info :
Vial Number: 14



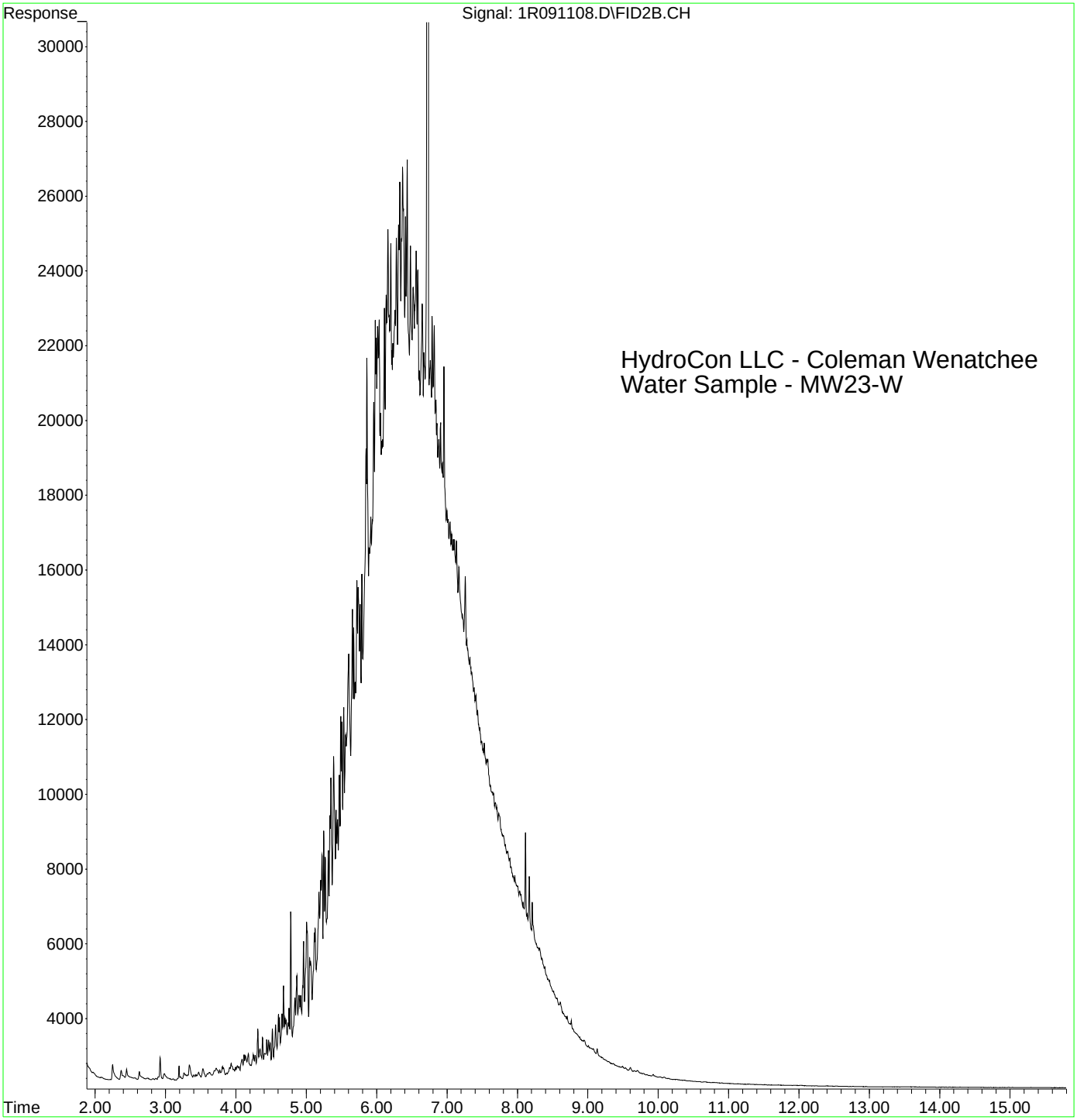
File :C:\msdchem\1\data\2020-09\0I11020\1R091106.D
Operator : BLL
Acquired : 11 Sep 2020 9:14 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-14
Misc Info :
Vial Number: 51



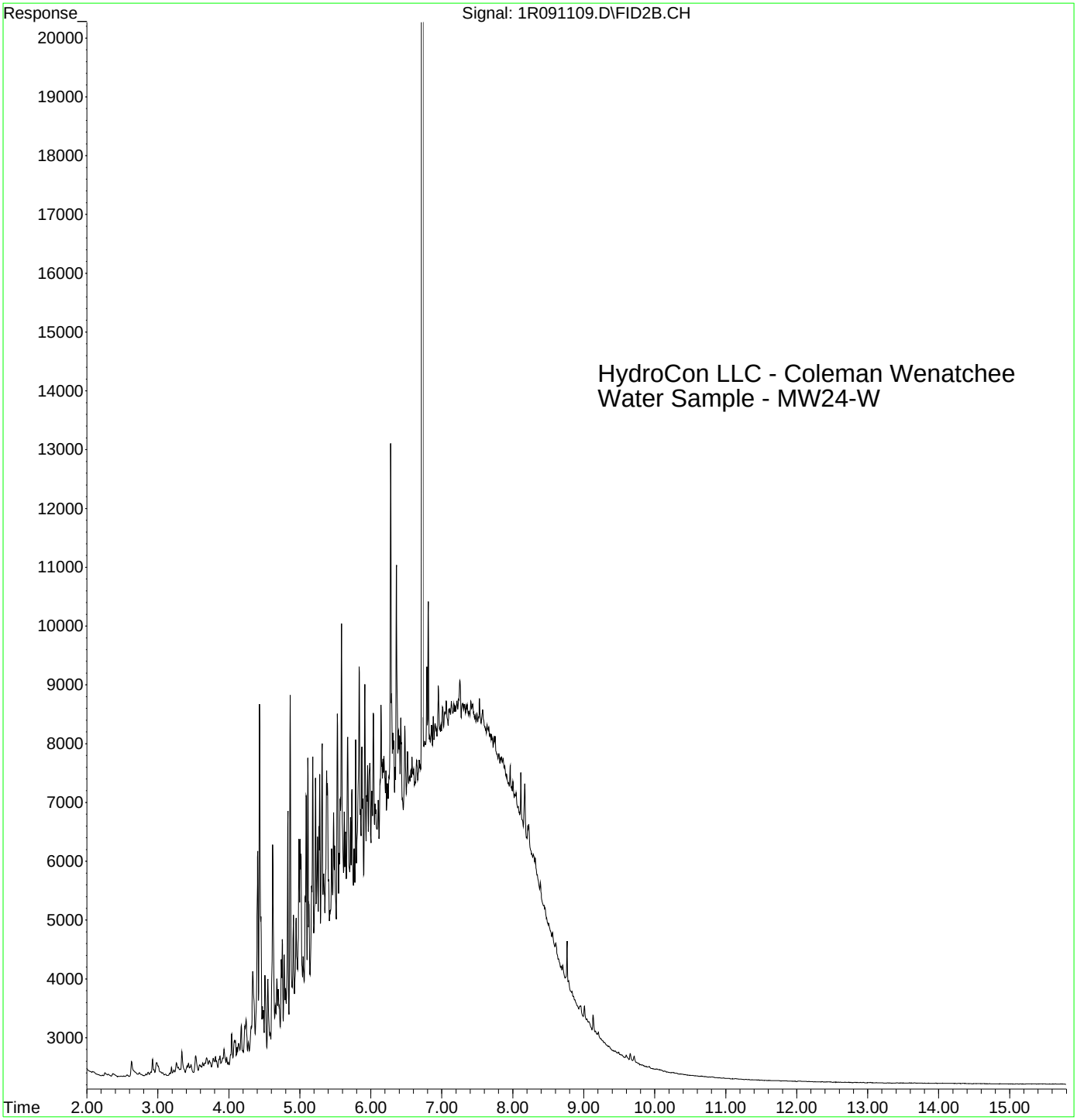
File :C:\msdchem\1\data\2020-09\0I11020\1R091107.D
Operator : BLL
Acquired : 11 Sep 2020 9:37 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-15
Misc Info :
Vial Number: 52



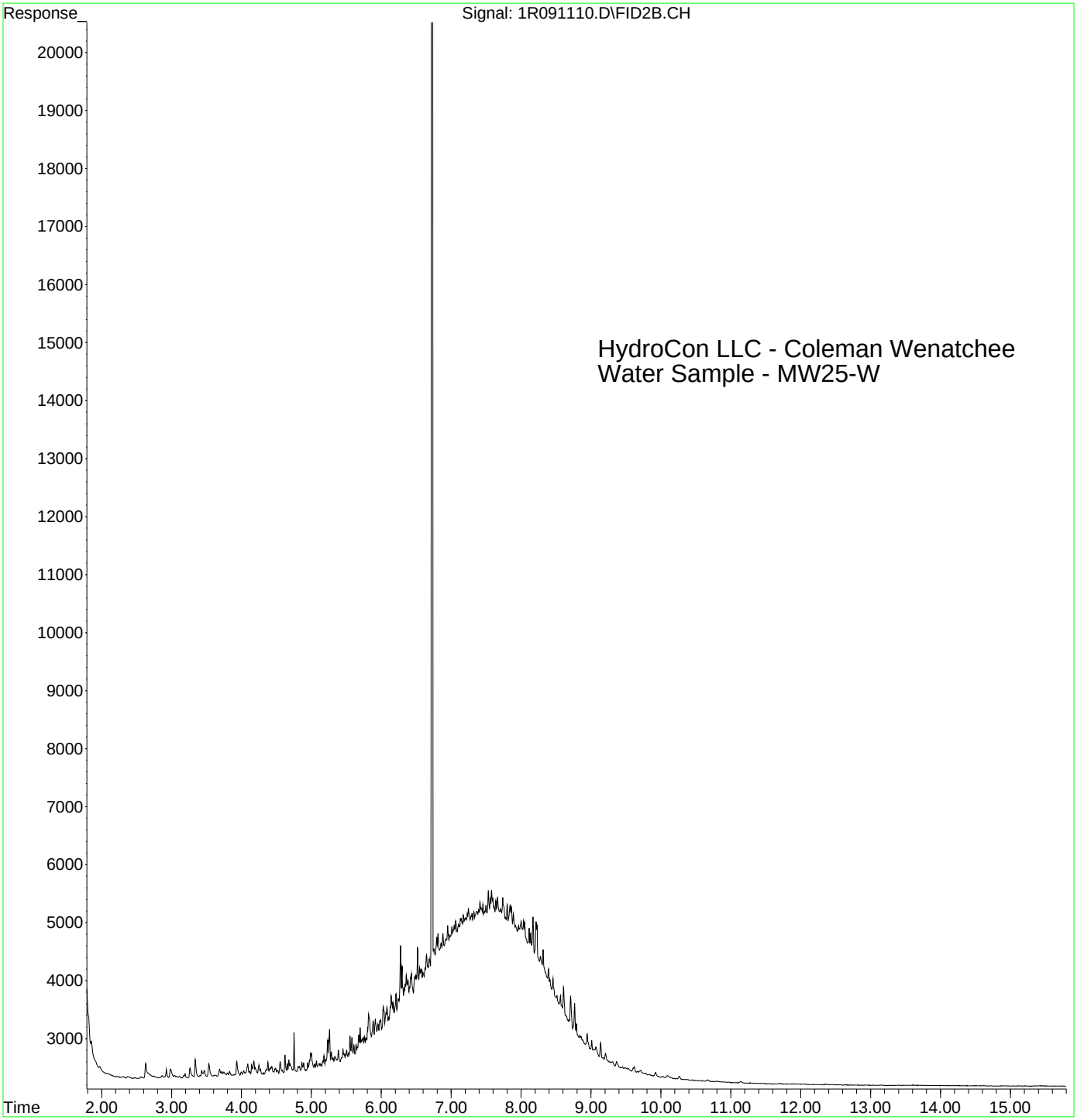
File :C:\msdchem\1\data\2020-09\0I11020\1R091108.D
Operator : BLL
Acquired : 11 Sep 2020 9:59 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-16
Misc Info :
Vial Number: 53



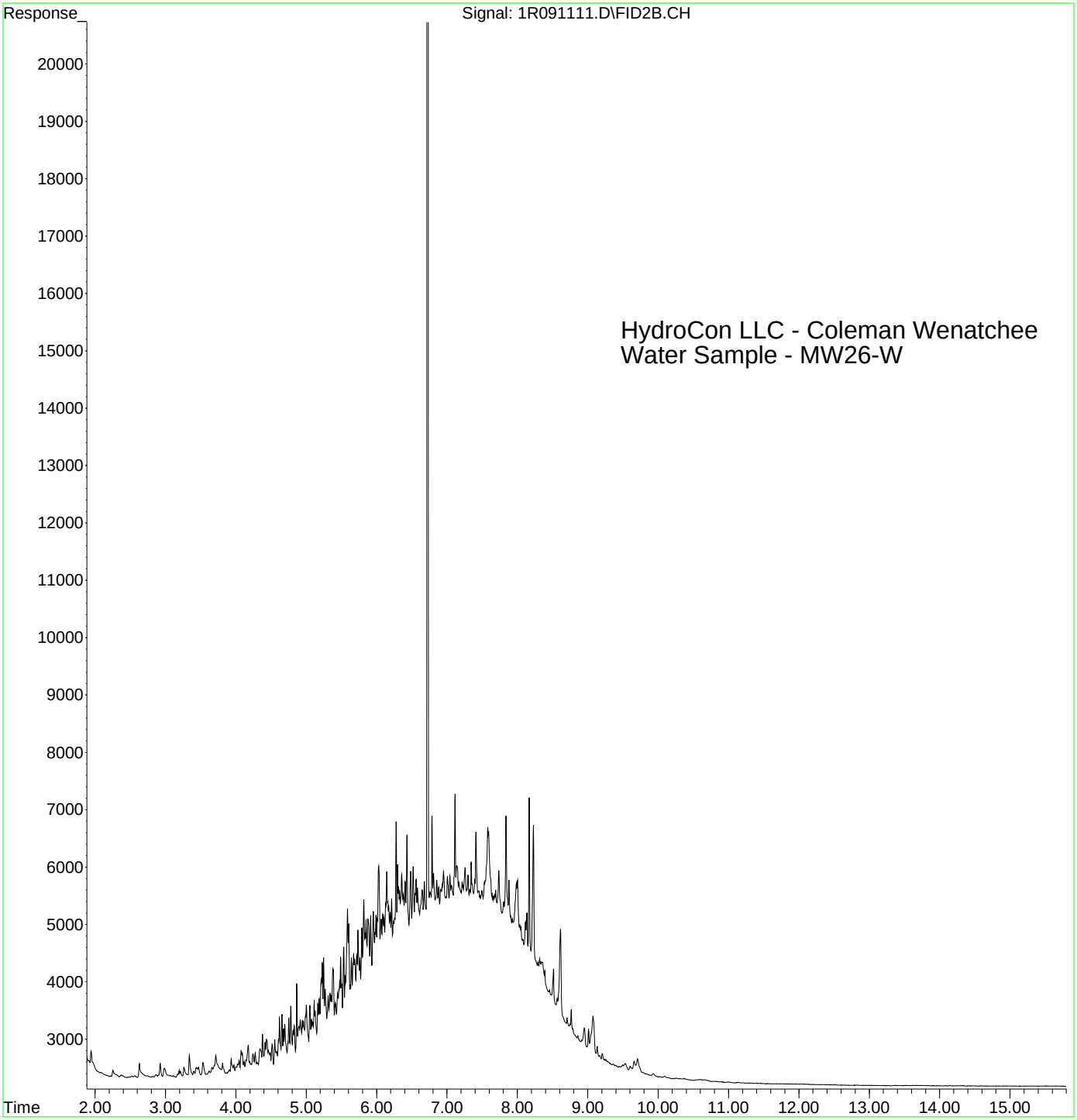
File :C:\msdchem\1\data\2020-09\0I11020\1R091109.D
Operator : BLL
Acquired : 11 Sep 2020 10:22 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-17
Misc Info :
Vial Number: 54



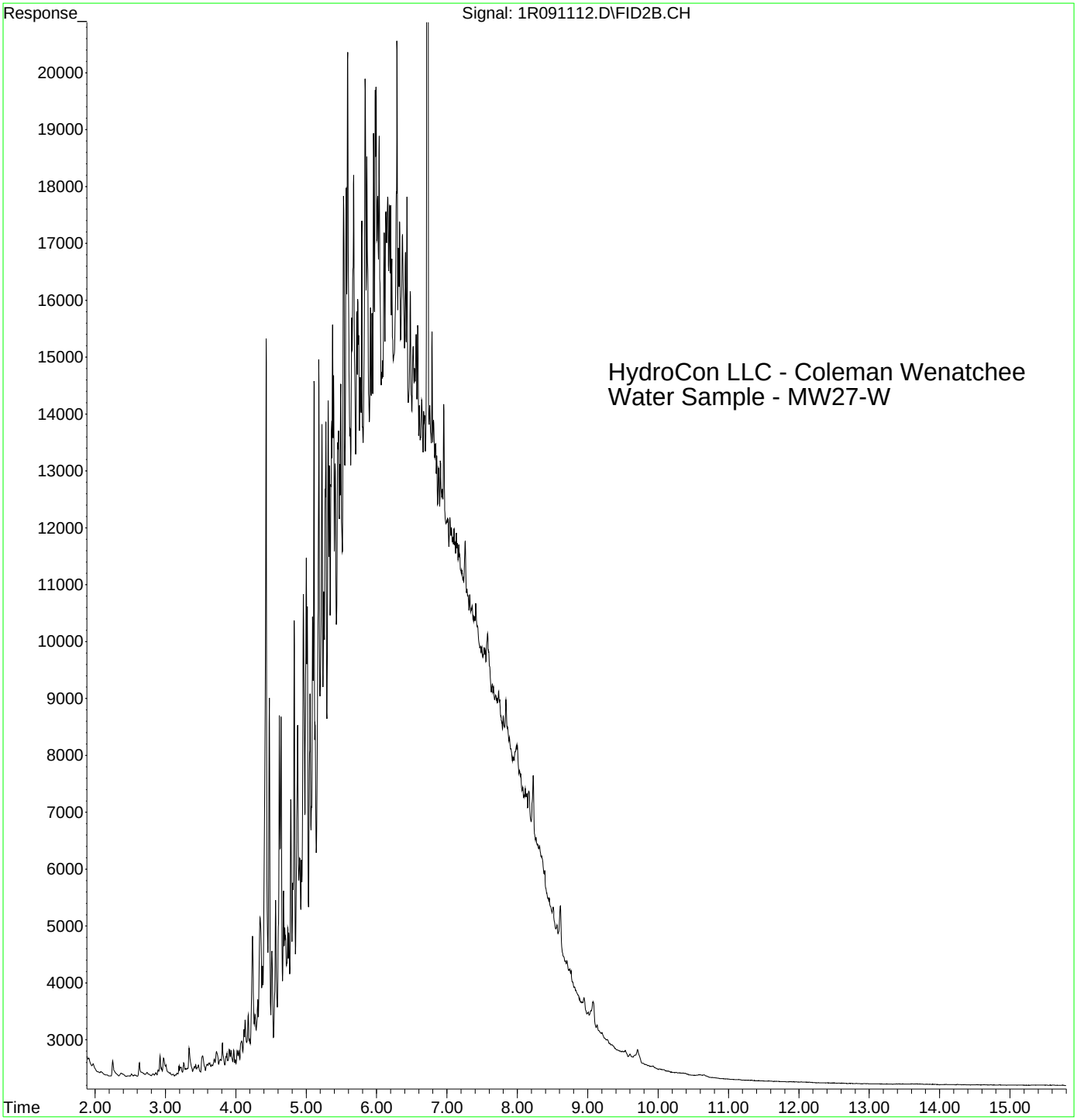
File :C:\msdchem\1\data\2020-09\0I11020\1R091110.D
Operator : BLL
Acquired : 11 Sep 2020 10:45 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-18
Misc Info :
Vial Number: 55



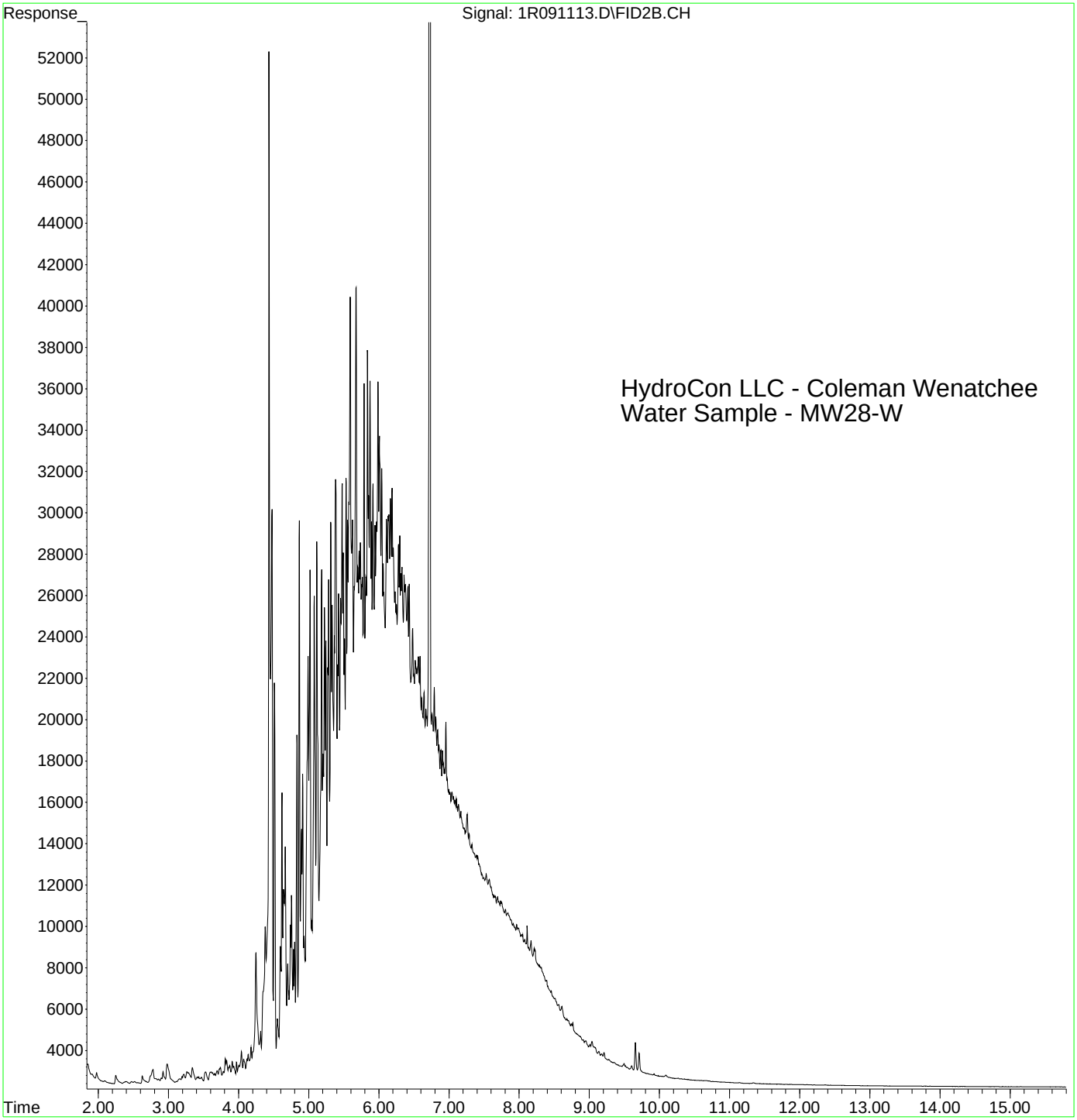
File :C:\msdchem\1\data\2020-09\0I11020\1R091111.D
Operator : BLL
Acquired : 11 Sep 2020 11:07 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-19
Misc Info :
Vial Number: 56



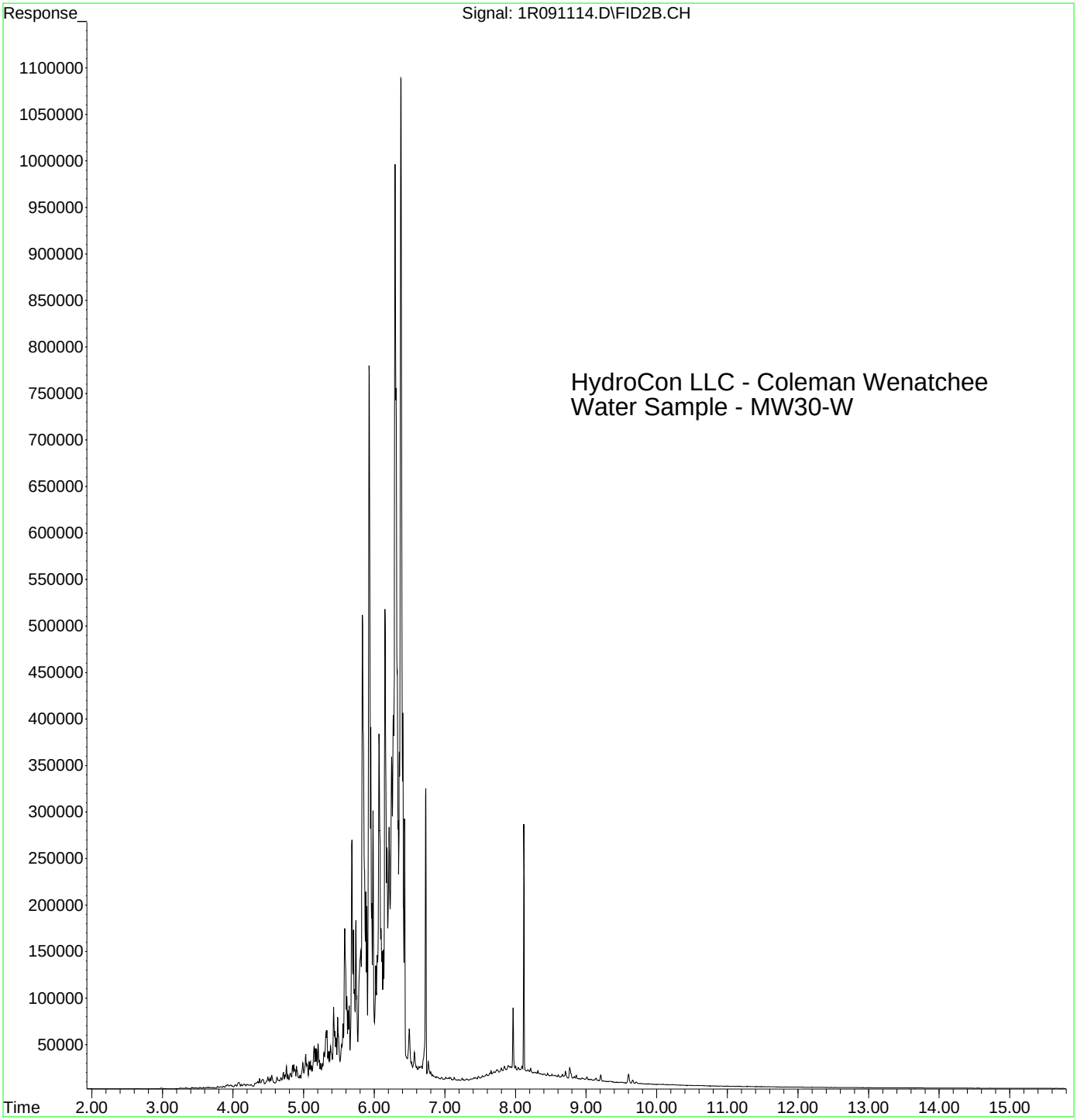
File :C:\msdchem\1\data\2020-09\0I11020\1R091112.D
Operator : BLL
Acquired : 11 Sep 2020 11:30 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-20
Misc Info :
Vial Number: 57



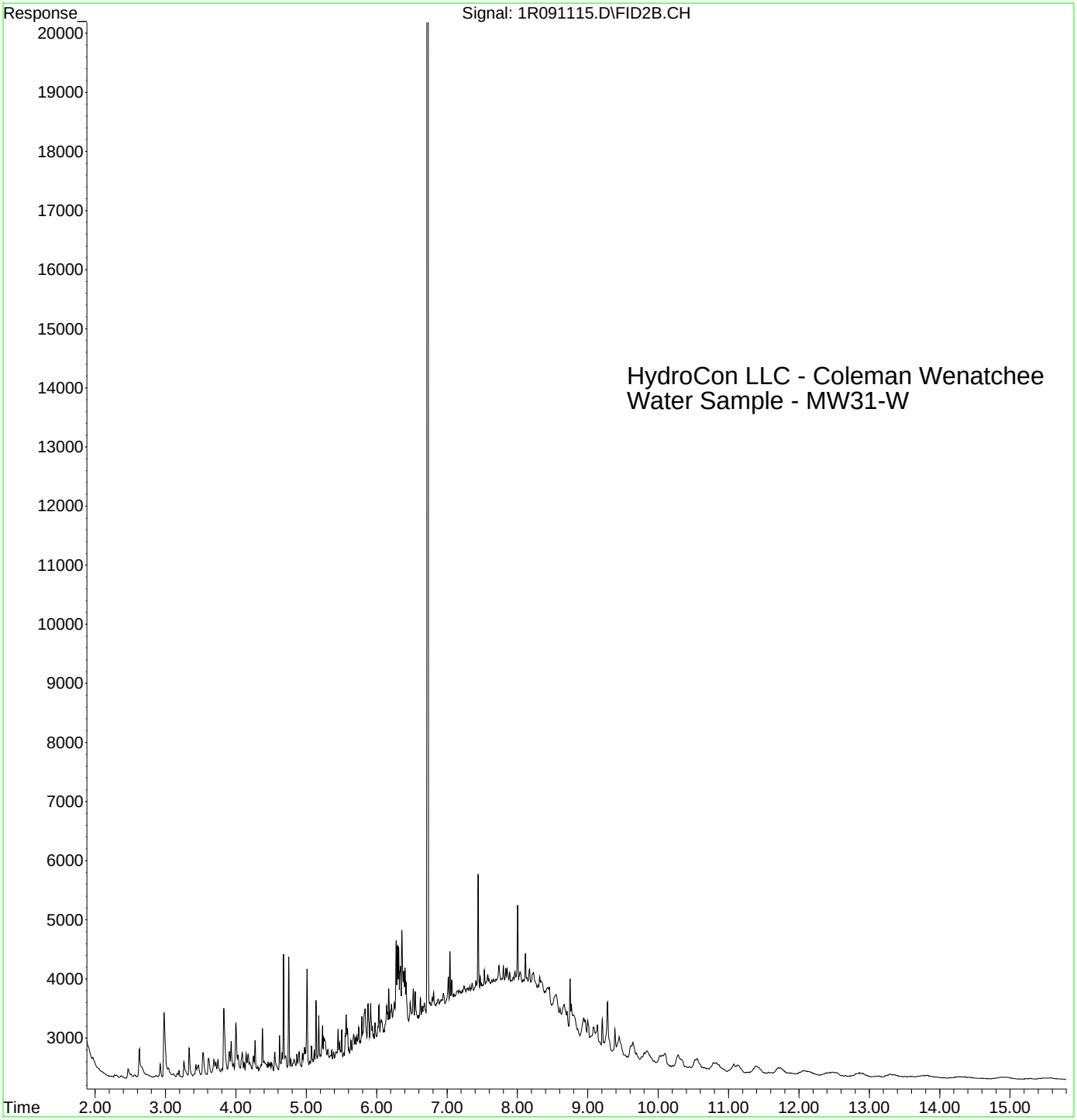
File :C:\msdchem\1\data\2020-09\0I11020\1R091113.D
Operator : BLL
Acquired : 11 Sep 2020 11:53 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-21
Misc Info :
Vial Number: 58



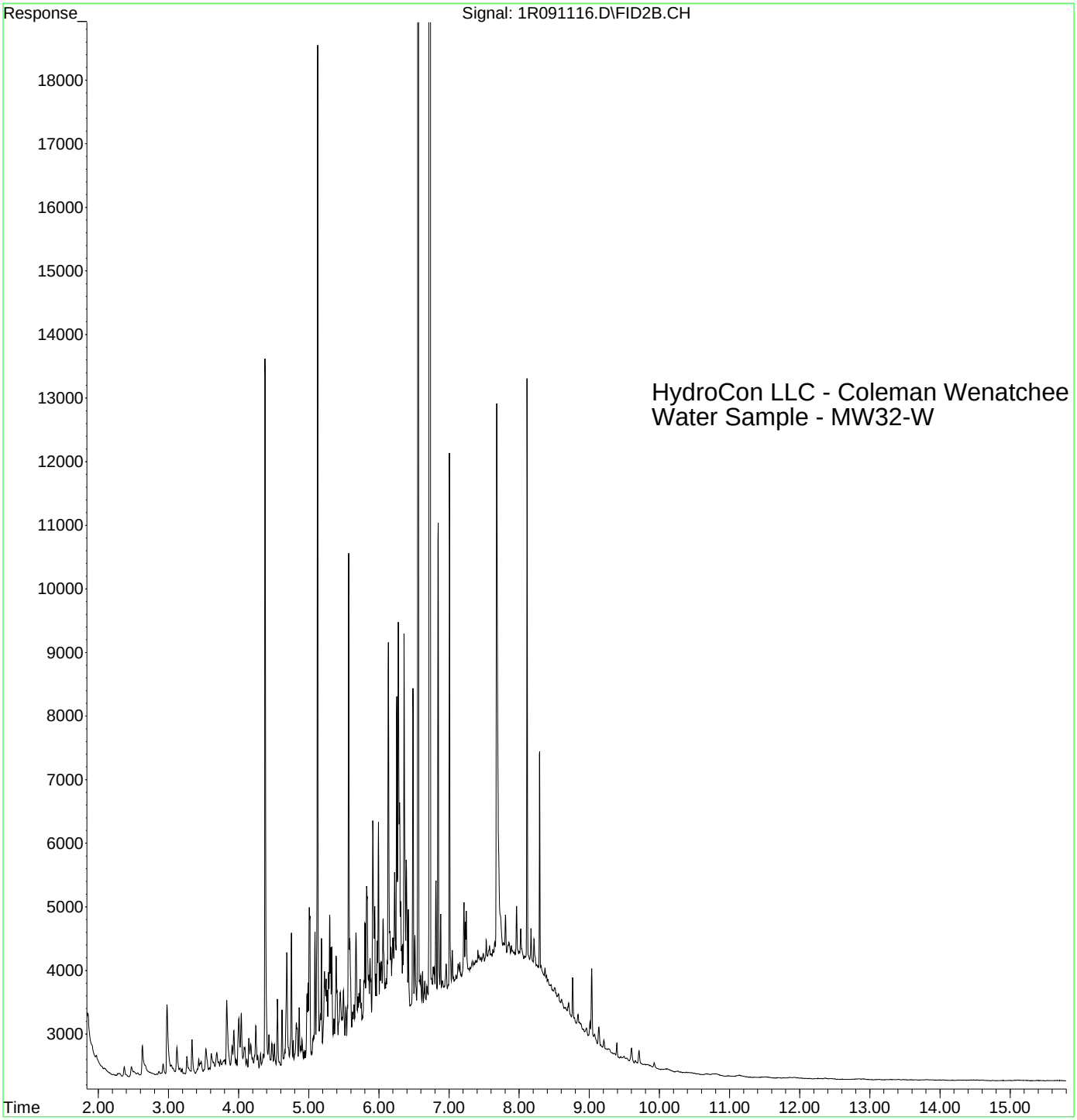
File :C:\msdchem\1\data\2020-09\0I11020\1R091114.D
Operator : BLL
Acquired : 12 Sep 2020 12:16 am using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-22
Misc Info :
Vial Number: 59



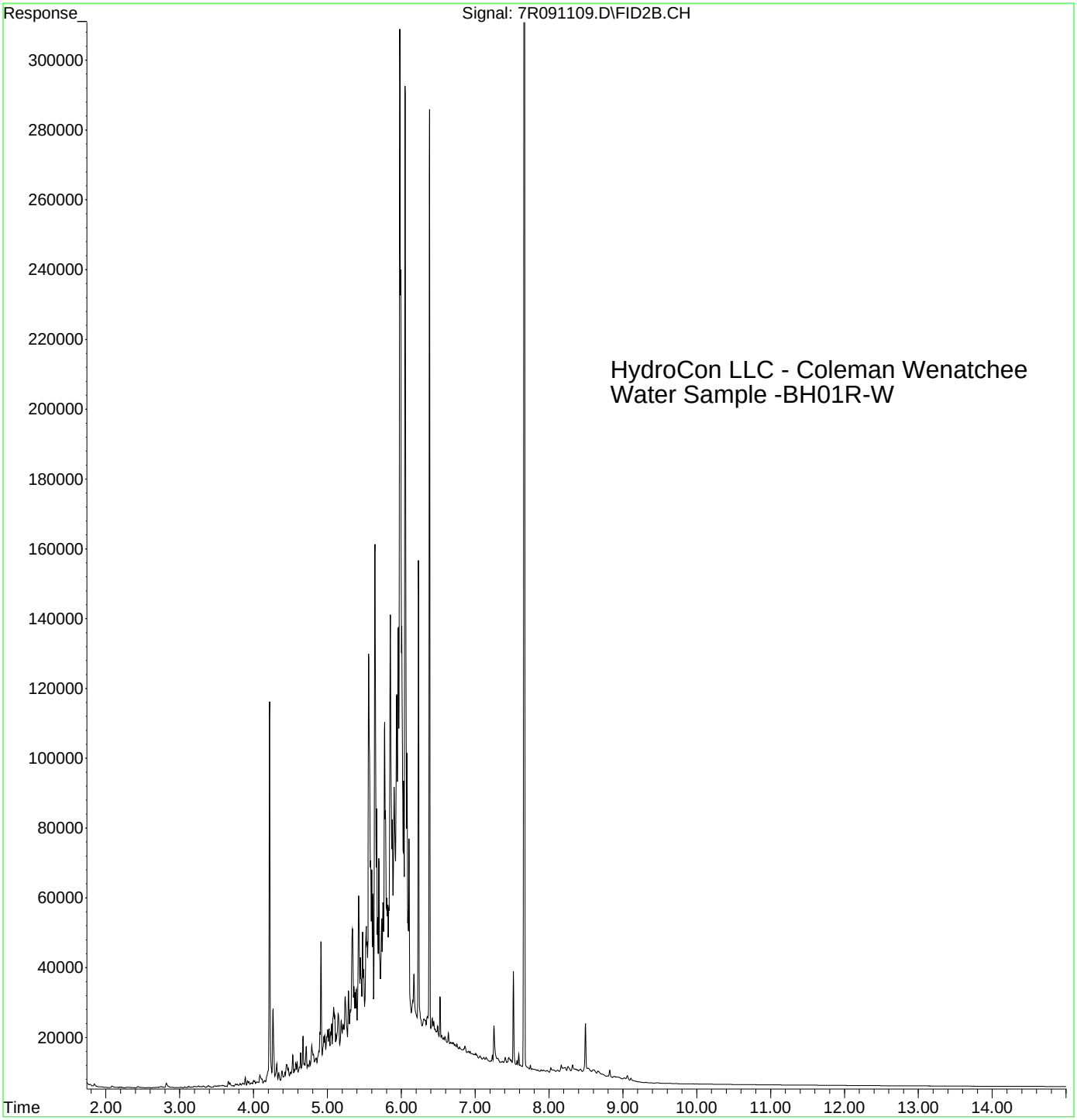
File :C:\msdchem\1\data\2020-09\0I11020\1R091115.D
Operator : BLL
Acquired : 12 Sep 2020 12:38 am using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-23
Misc Info :
Vial Number: 60



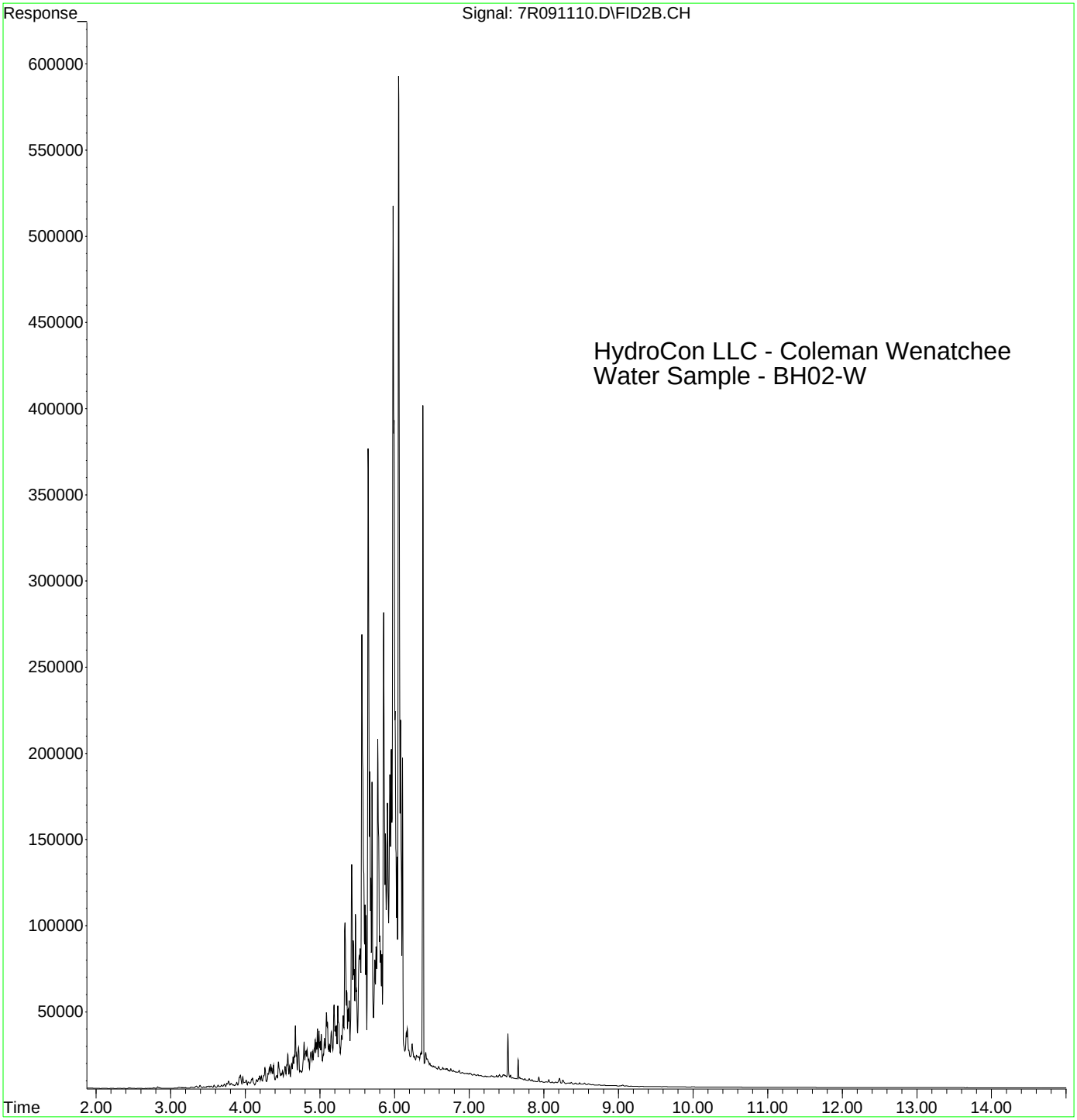
File :C:\msdchem\1\data\2020-09\0I11020\1R091116.D
Operator : BLL
Acquired : 12 Sep 2020 1:01 am using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: A0I0140-24
Misc Info :
Vial Number: 61



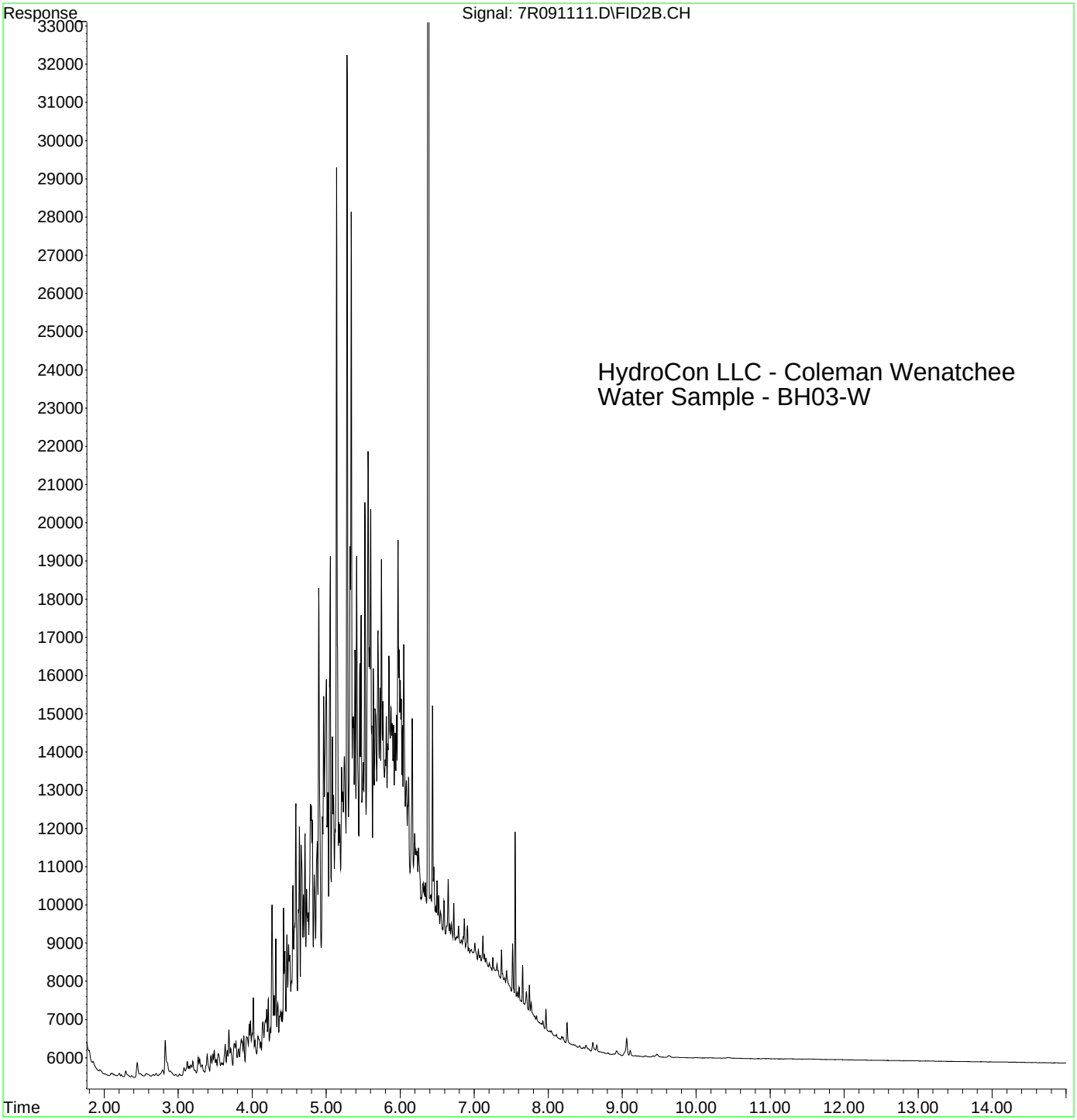
File :C:\msdchem\1\data\2020-09\0I11026\7R091109.D
Operator : BLL
Acquired : 11 Sep 2020 10:12 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-25
Misc Info :
Vial Number: 54



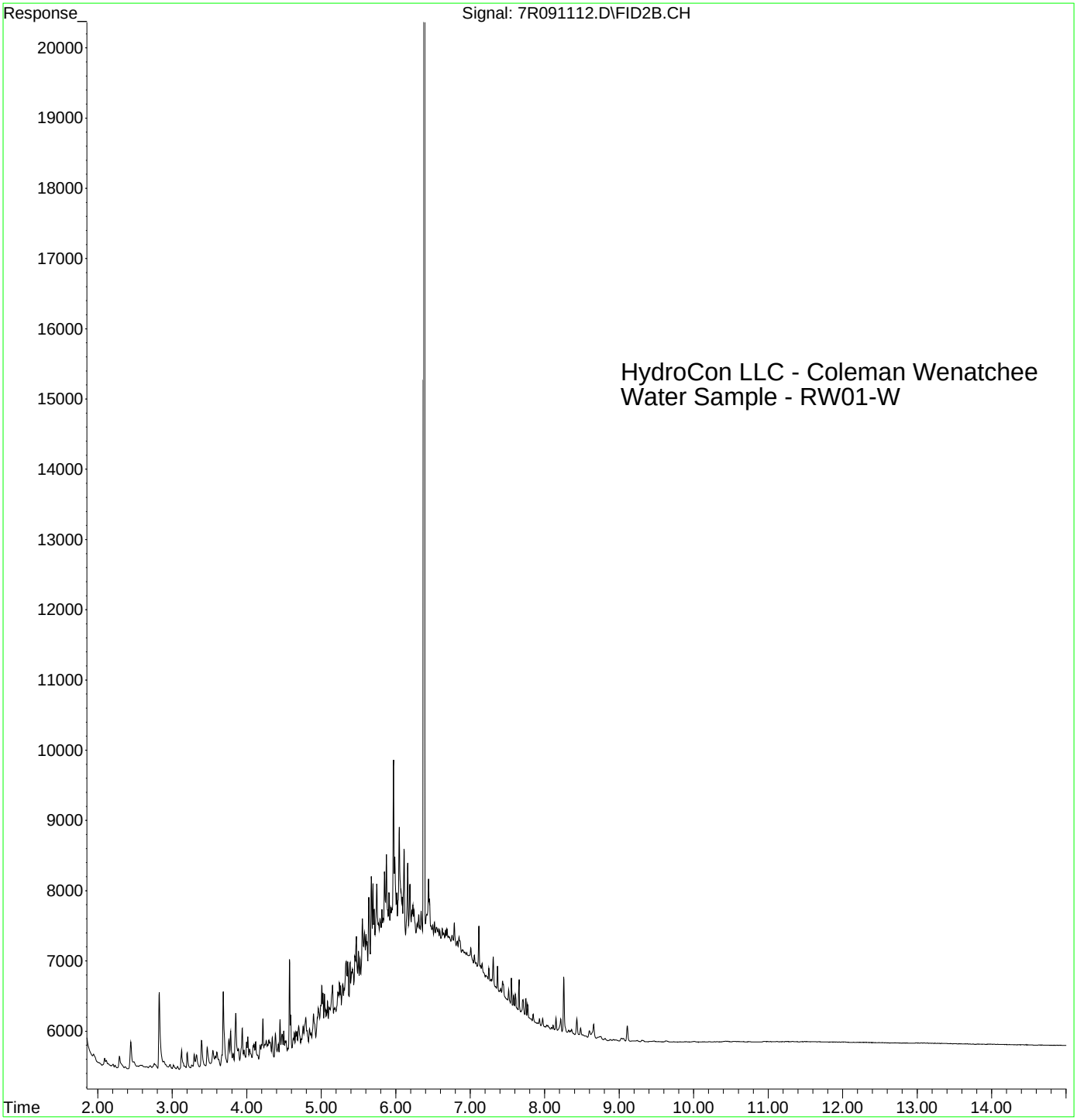
File :C:\msdchem\1\data\2020-09\0I11026\7R091110.D
Operator : BLL
Acquired : 11 Sep 2020 10:33 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-26
Misc Info :
Vial Number: 55



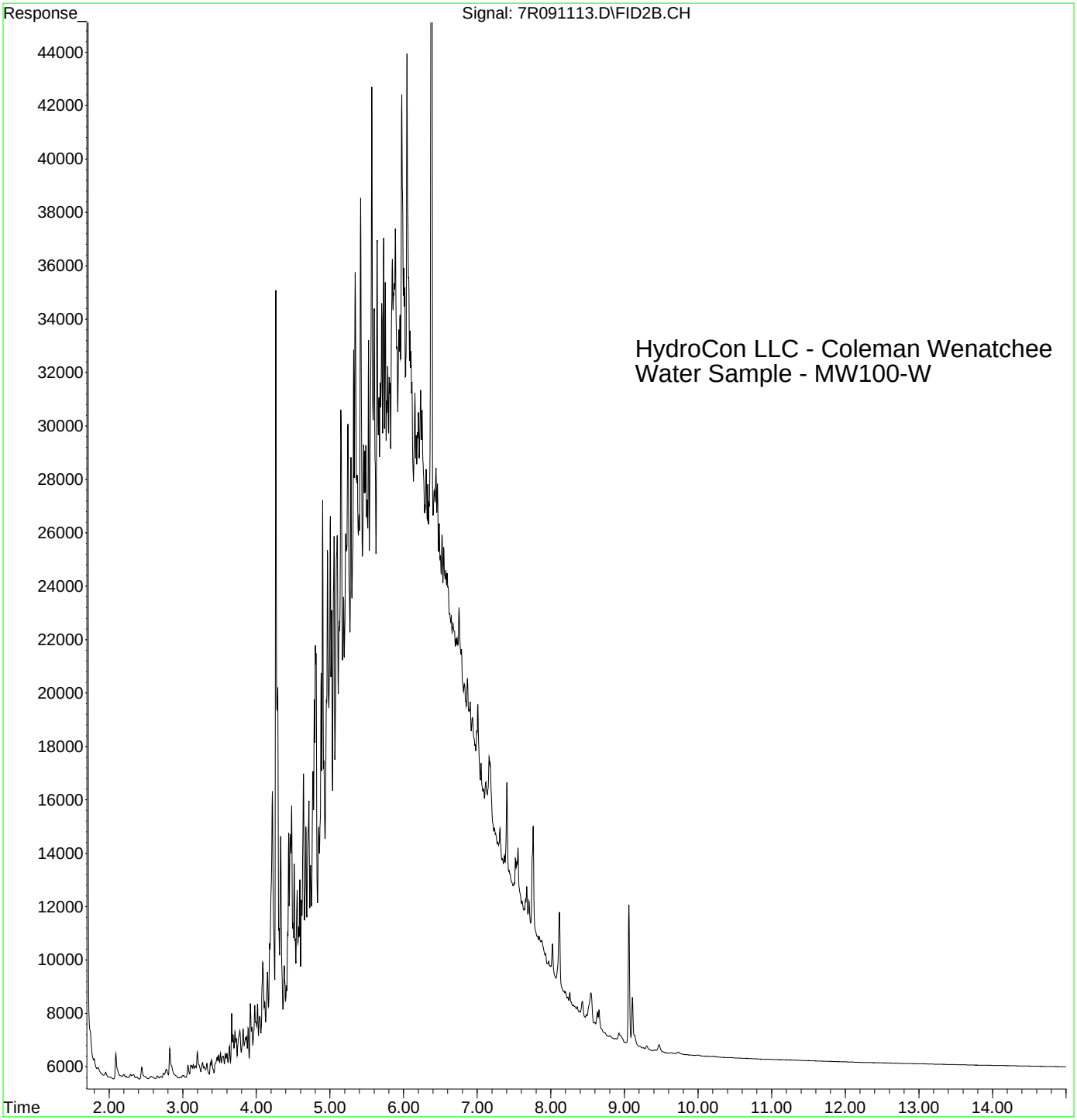
File   :C:\msdchem\1\data\2020-09\0I11026\7R091111.D
Operator   : BLL
Acquired   : 11 Sep 2020 10:53 pm using AcqMethod FID7ACQ.M
Instrument :   HP G1530A
Sample Name: A0I0140-27
Misc Info :
Vial Number: 56



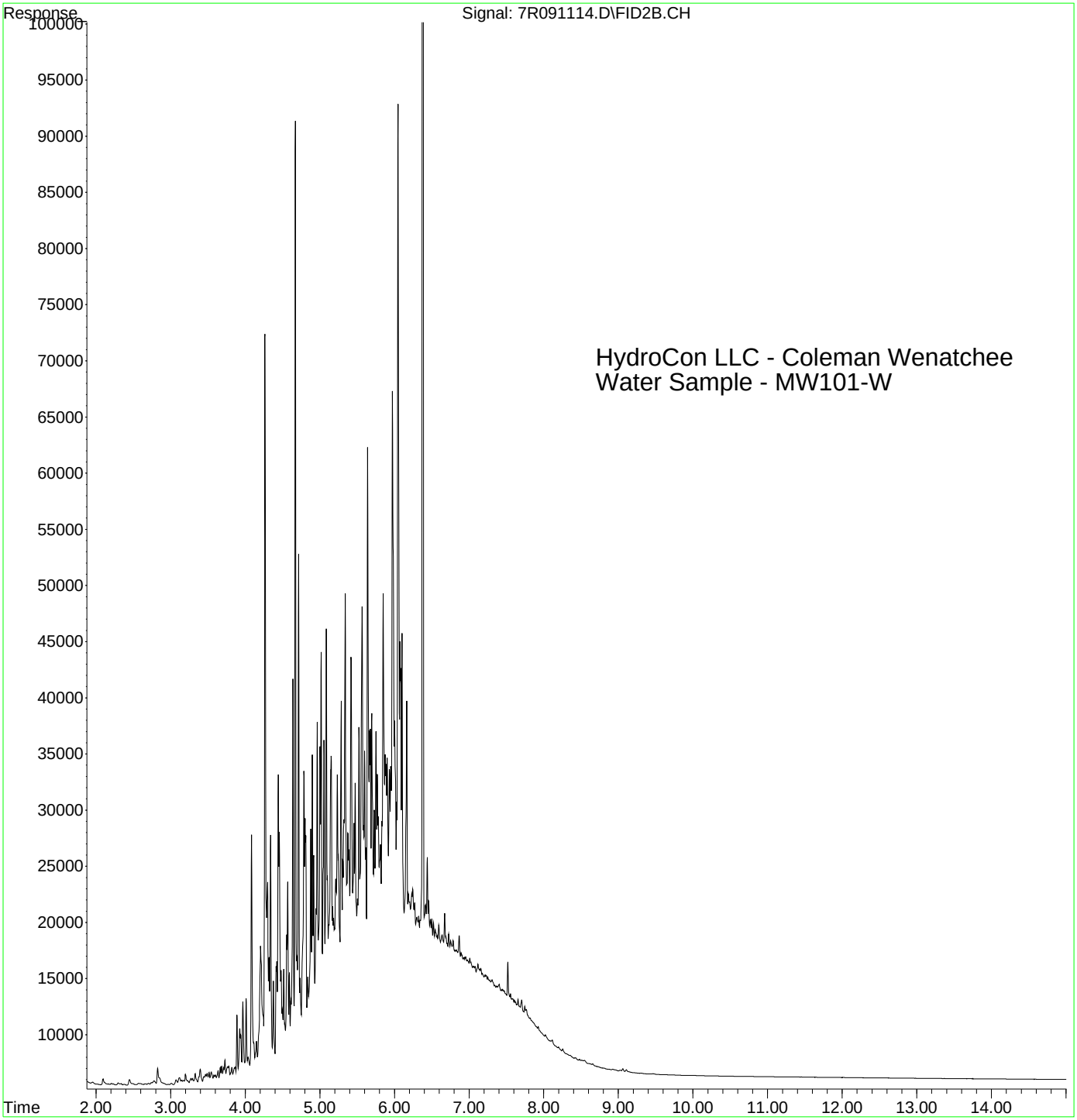
File :C:\msdchem\1\data\2020-09\0I11026\7R091112.D
Operator : BLL
Acquired : 11 Sep 2020 11:14 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-28
Misc Info :
Vial Number: 57



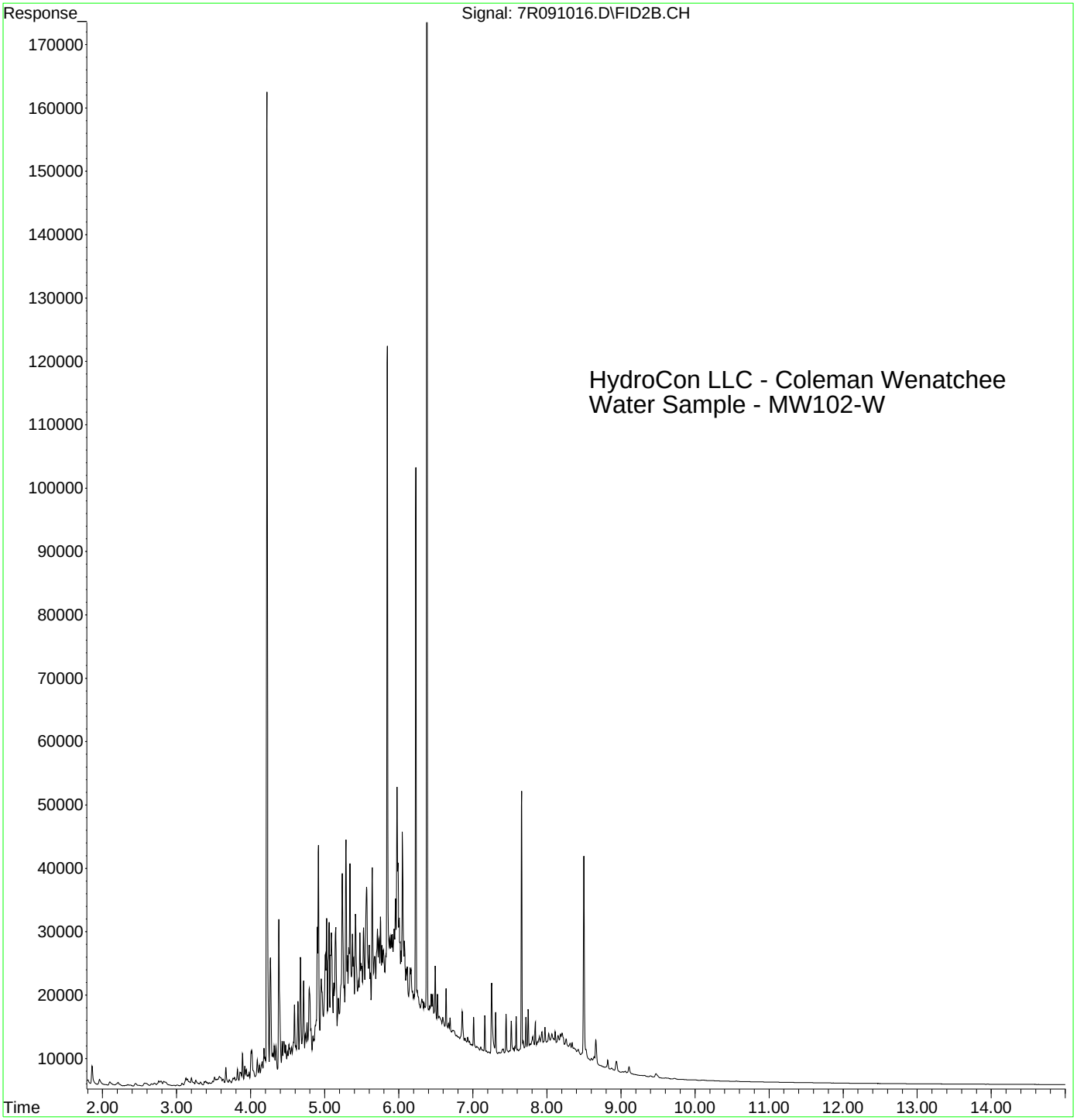
File :C:\msdchem\1\data\2020-09\0I11026\7R091113.D
Operator : BLL
Acquired : 11 Sep 2020 11:35 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-29
Misc Info :
Vial Number: 58



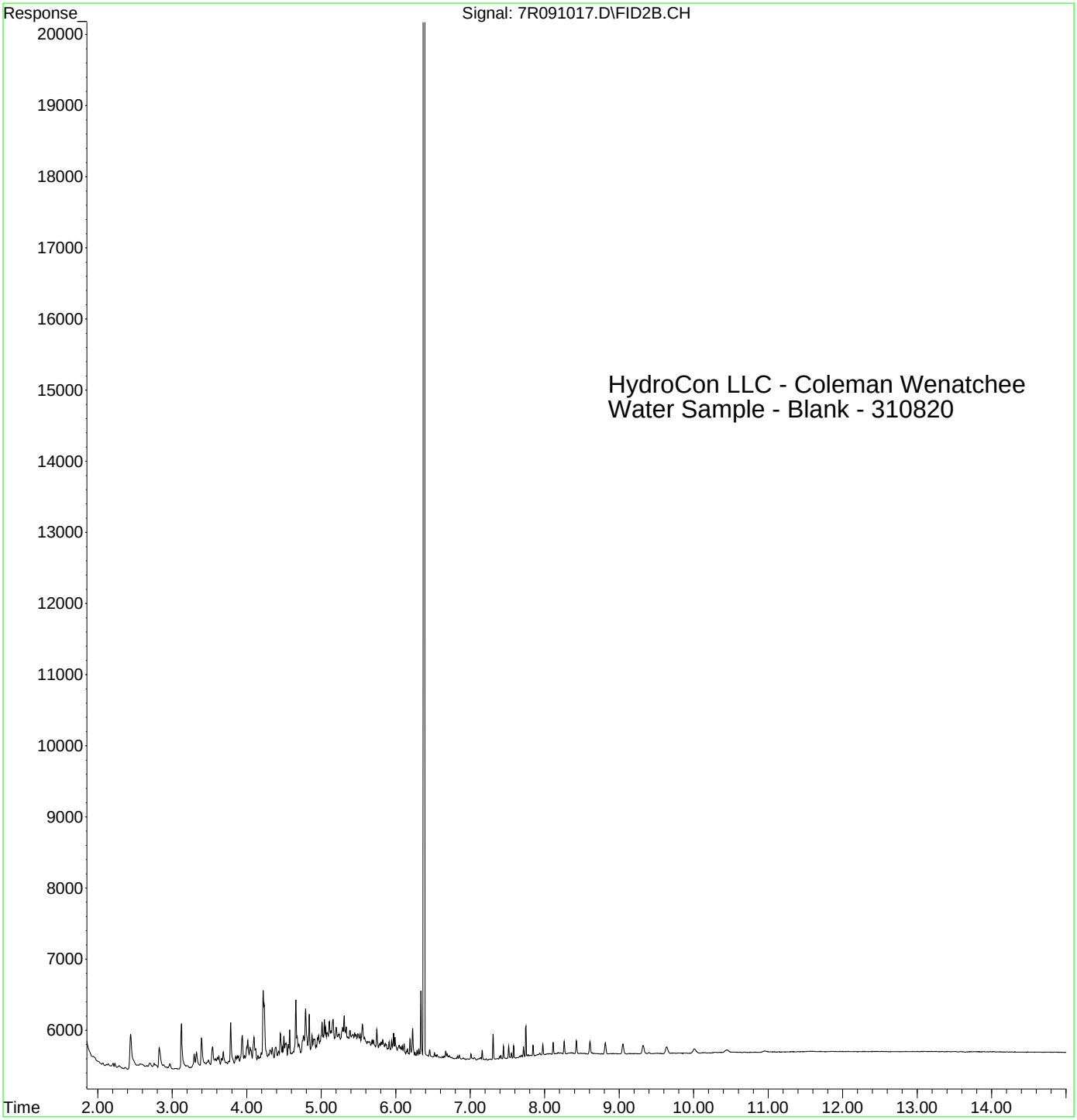
File :C:\msdchem\1\data\2020-09\0I11026\7R091114.D
Operator : BLL
Acquired : 11 Sep 2020 11:55 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-30
Misc Info :
Vial Number: 59



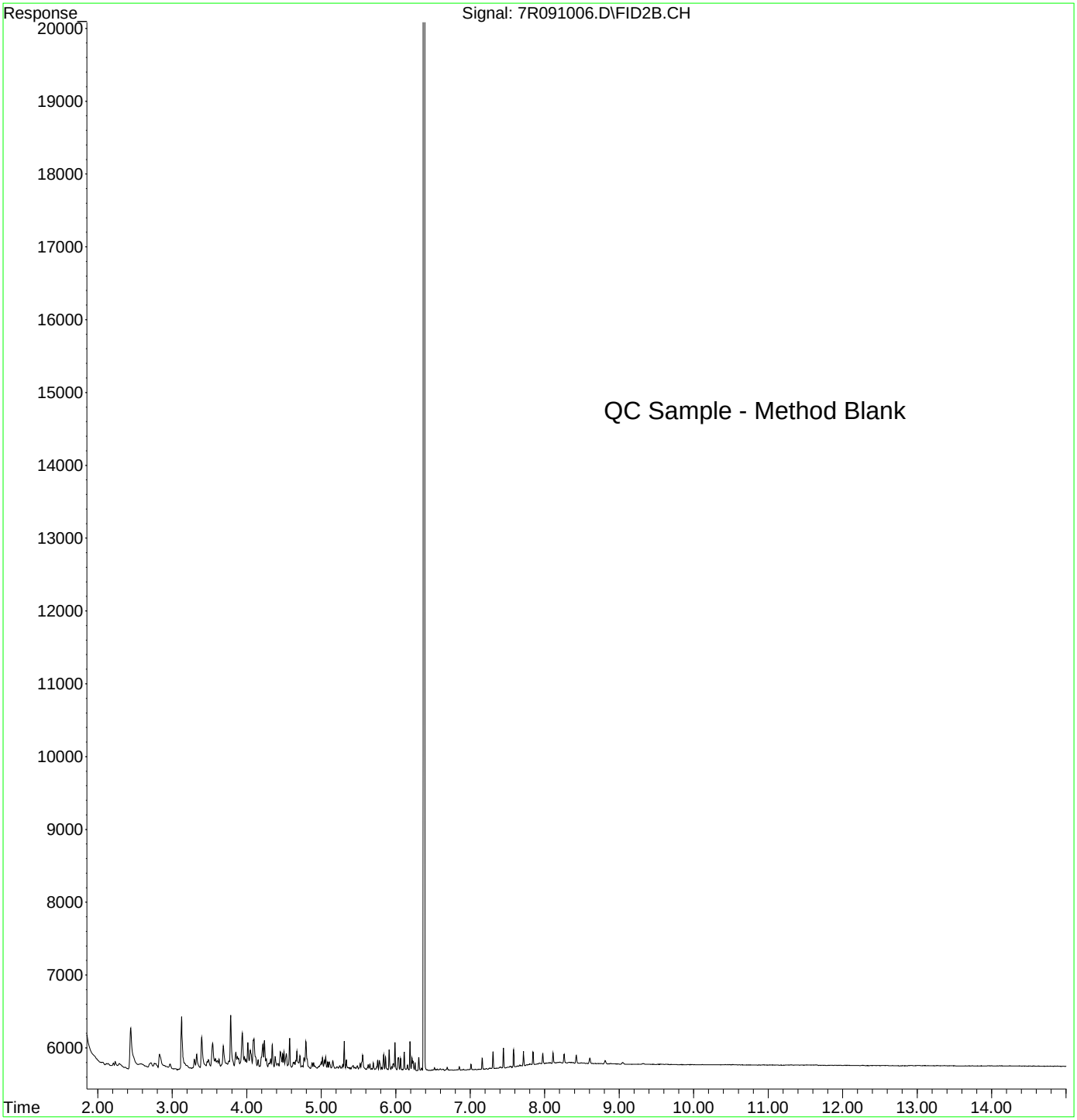
File :C:\msdchem\1\data\2020-09\0I10048\7R091016.D
Operator : BLL
Acquired : 11 Sep 2020 2:05 am using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-31
Misc Info :
Vial Number: 61



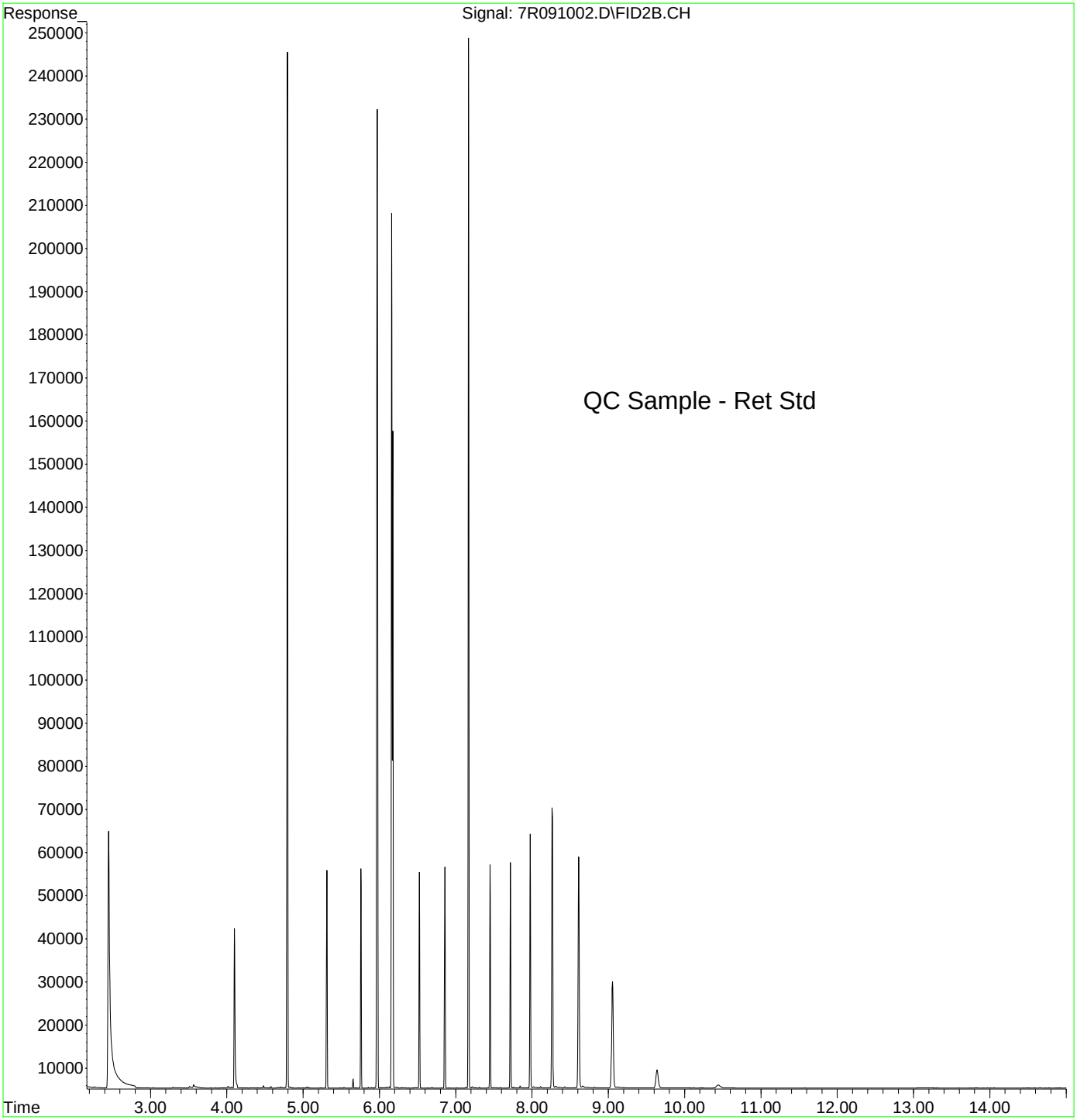
File :C:\msdchem\1\data\2020-09\0I10048\7R091017.D
Operator : BLL
Acquired : 11 Sep 2020 2:25 am using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: A0I0140-32
Misc Info :
Vial Number: 62



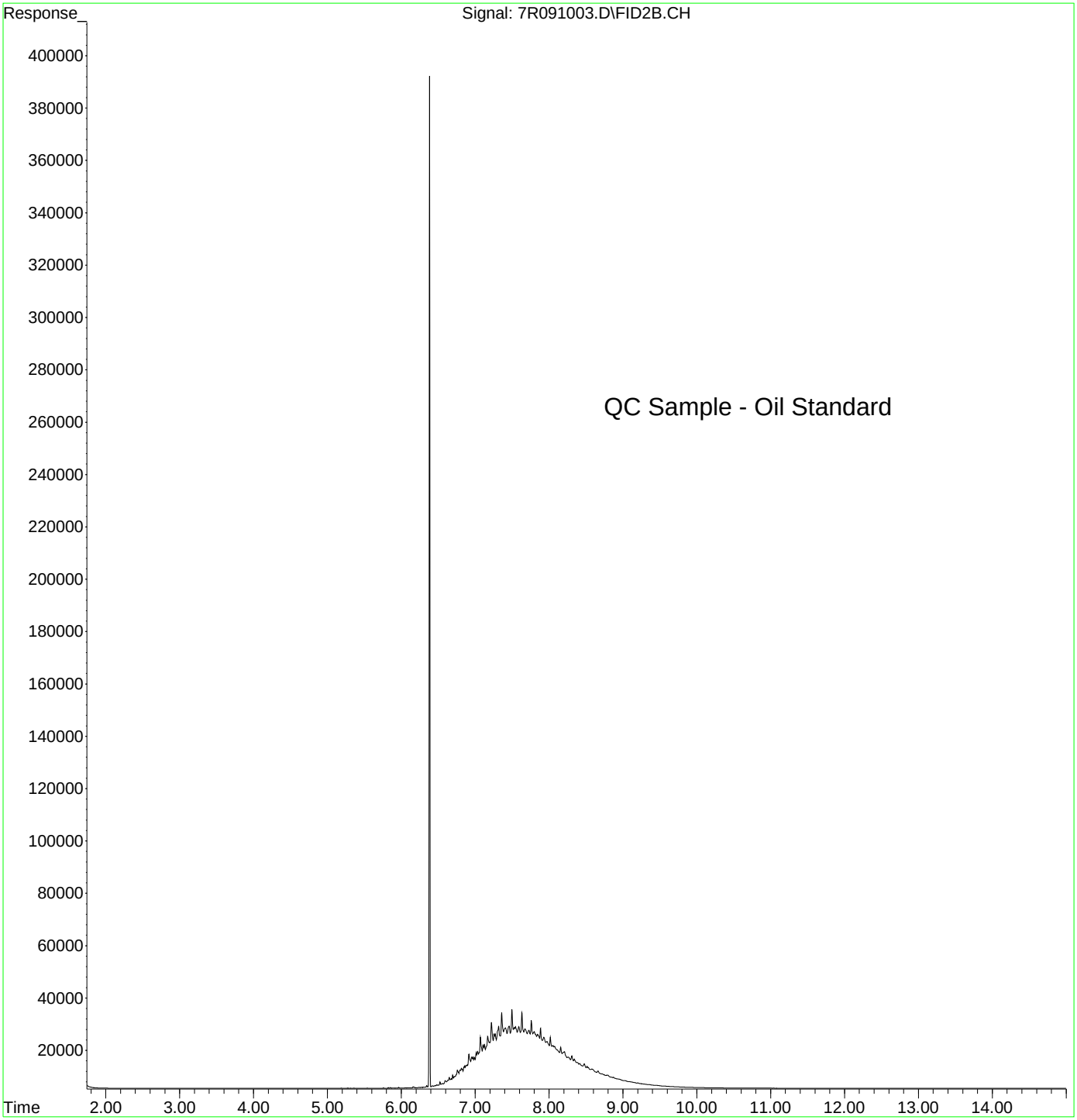
File :C:\msdchem\1\data\2020-09\0I10048\7R091006.D
Operator : BLL
Acquired : 10 Sep 2020 10:37 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: 0090289-BLK1
Misc Info :
Vial Number: 51



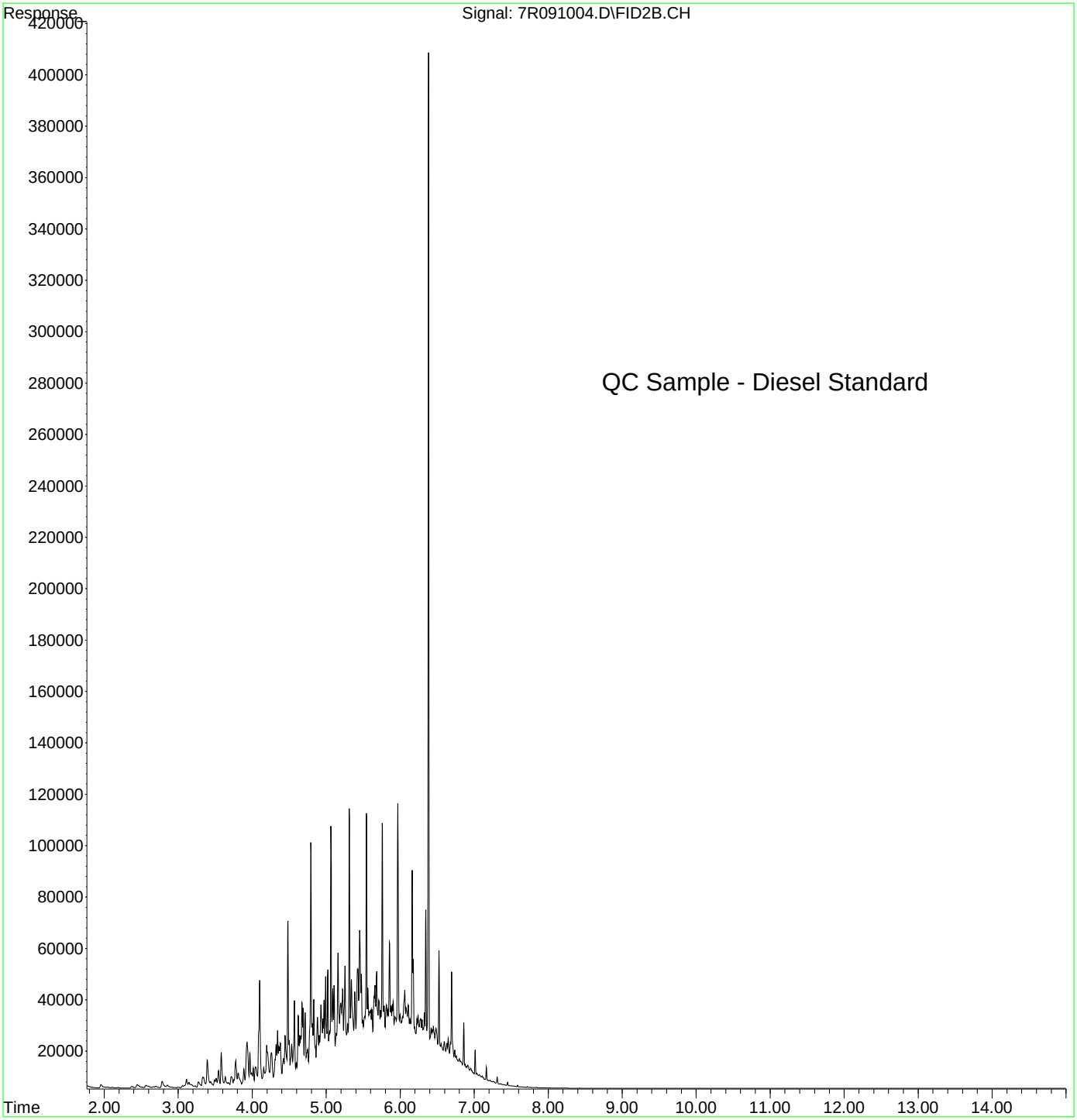
File :C:\msdchem\1\data\2020-09\0I10048\7R091002.D
Operator : BLL
Acquired : 10 Sep 2020 5:16 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: 0I10048-RES1
Misc Info :
Vial Number: 95



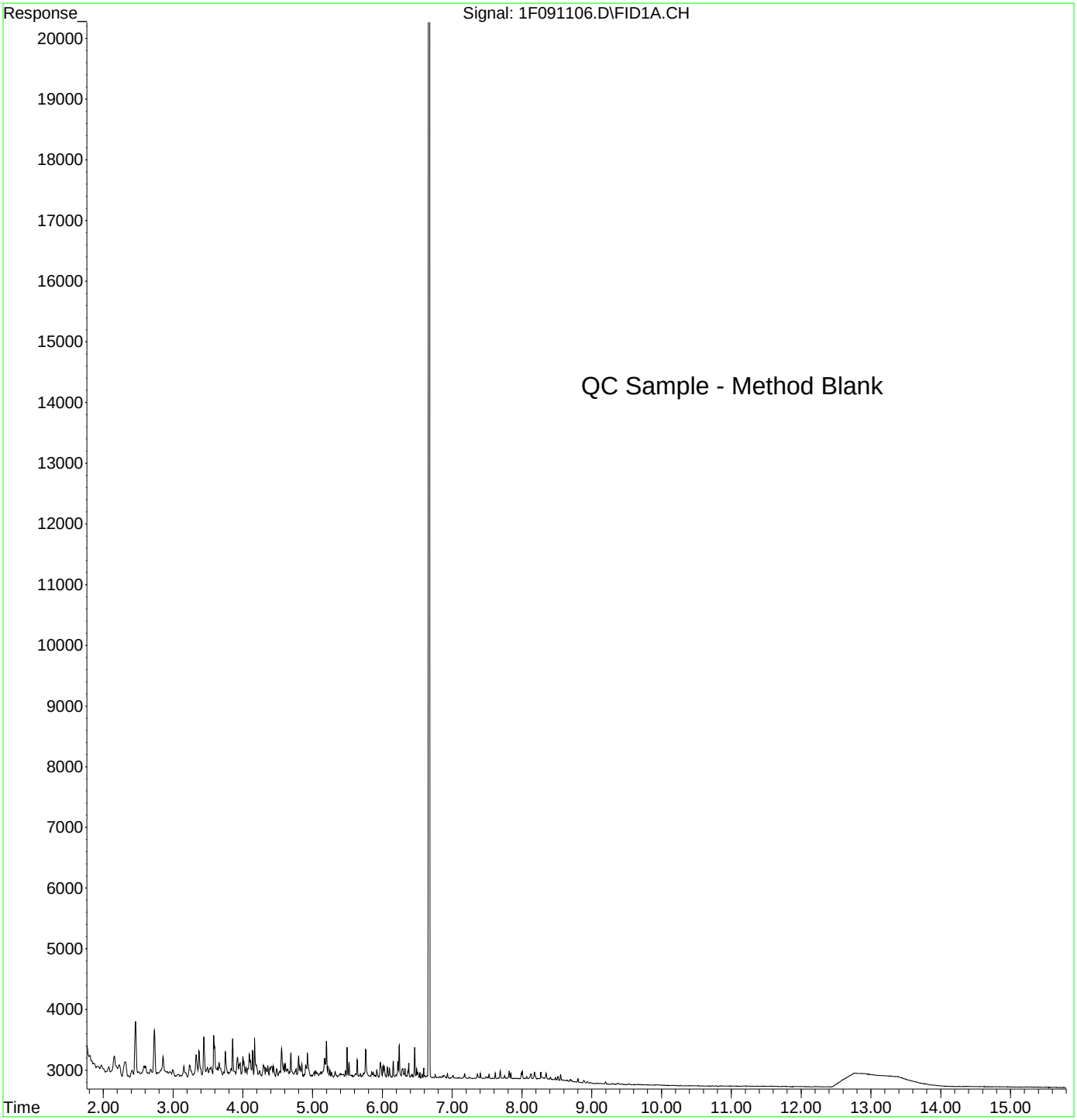
File :C:\msdchem\1\data\2020-09\0I10048\7R091003.D
Operator : BLL
Acquired : 10 Sep 2020 5:37 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: 0I10048-CCV1
Misc Info :
Vial Number: 2



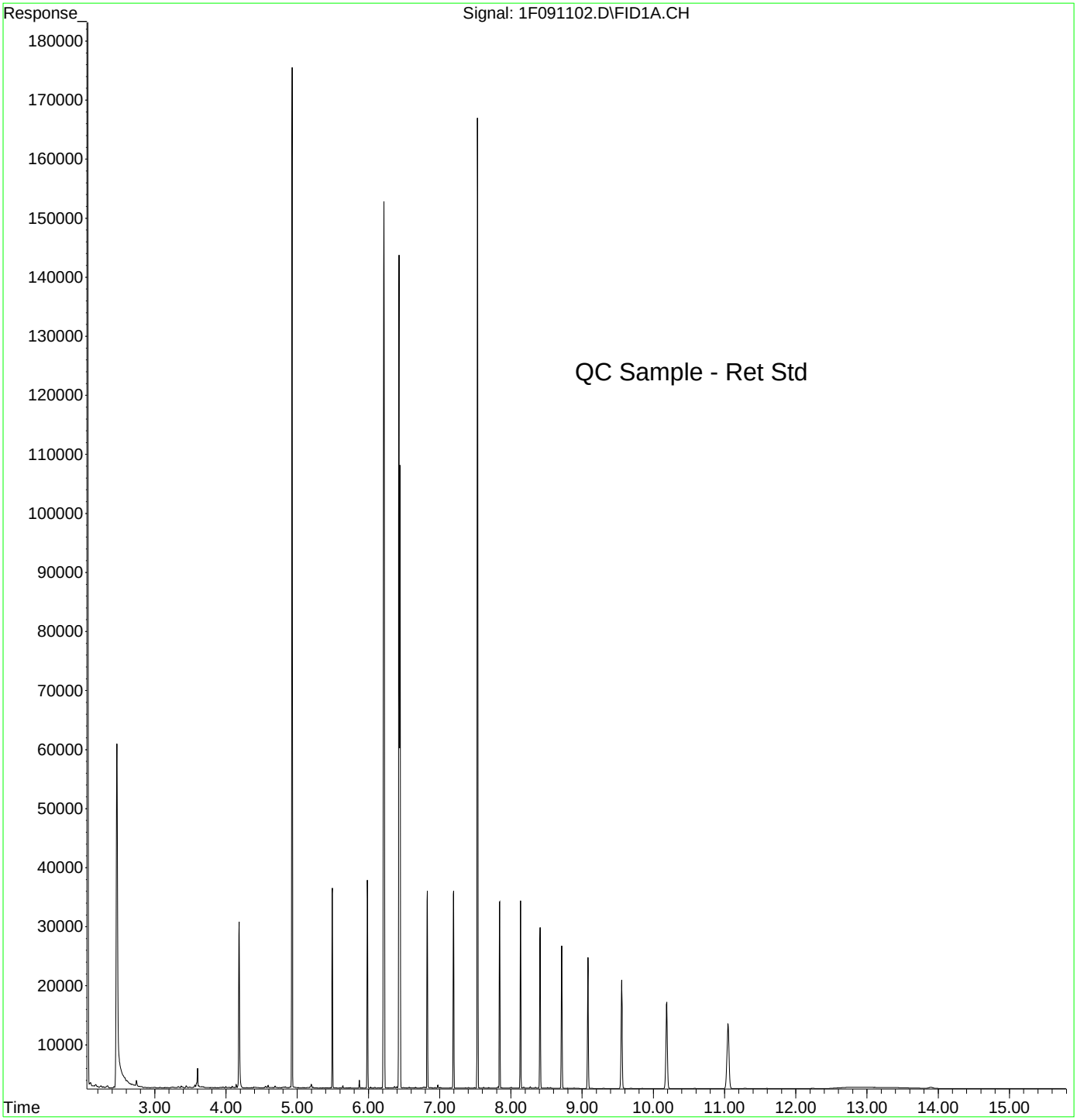
File :C:\msdchem\1\data\2020-09\0I10048\7R091004.D
Operator : BLL
Acquired : 10 Sep 2020 5:58 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: 0I10048-CCV2
Misc Info :
Vial Number: 1



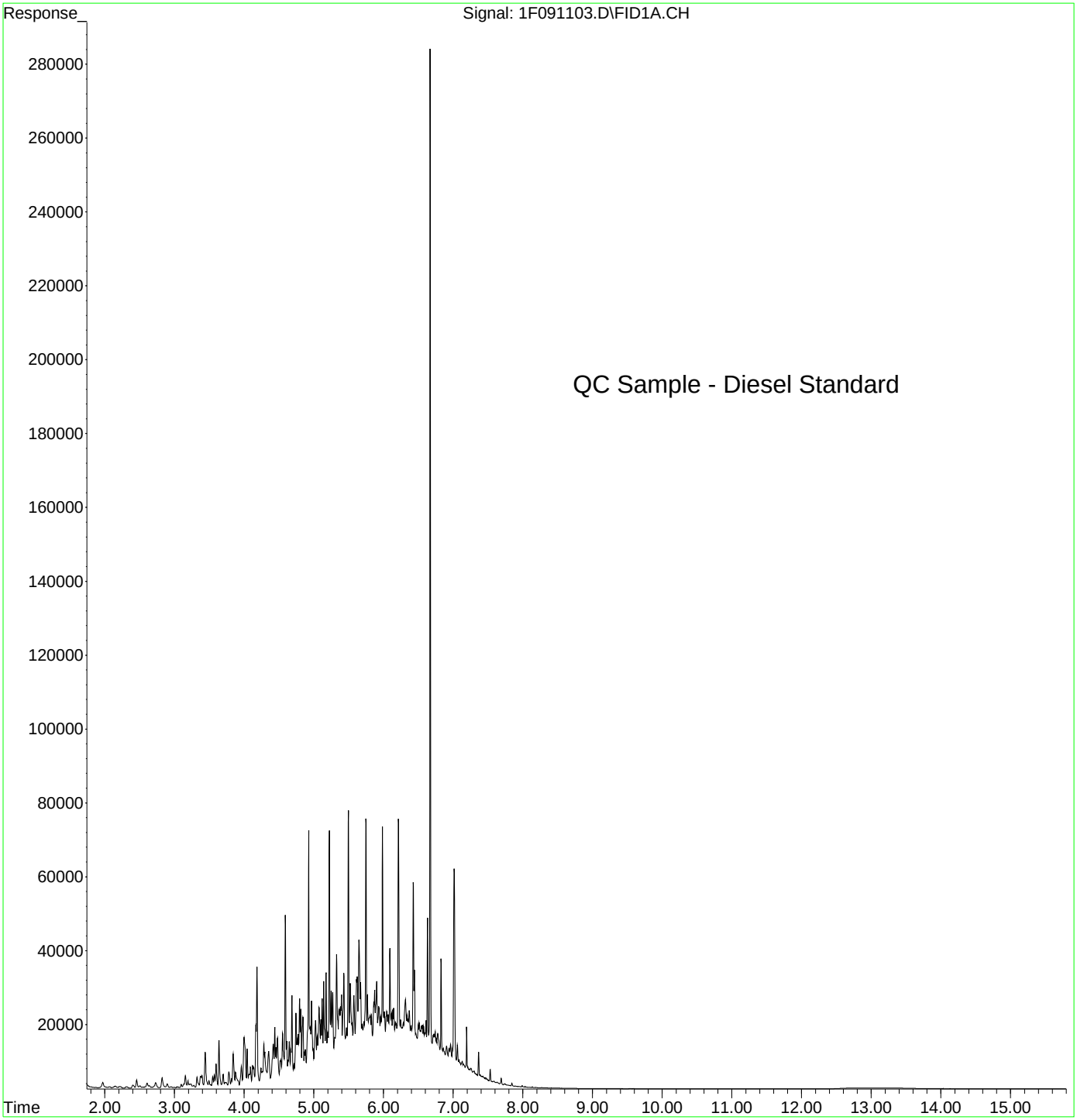
File :C:\msdchem\1\data\2020-09\0I11019\1F091106.D
Operator : BLL
Acquired : 11 Sep 2020 9:14 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: 0090324-BLK1
Misc Info :
Vial Number: 3



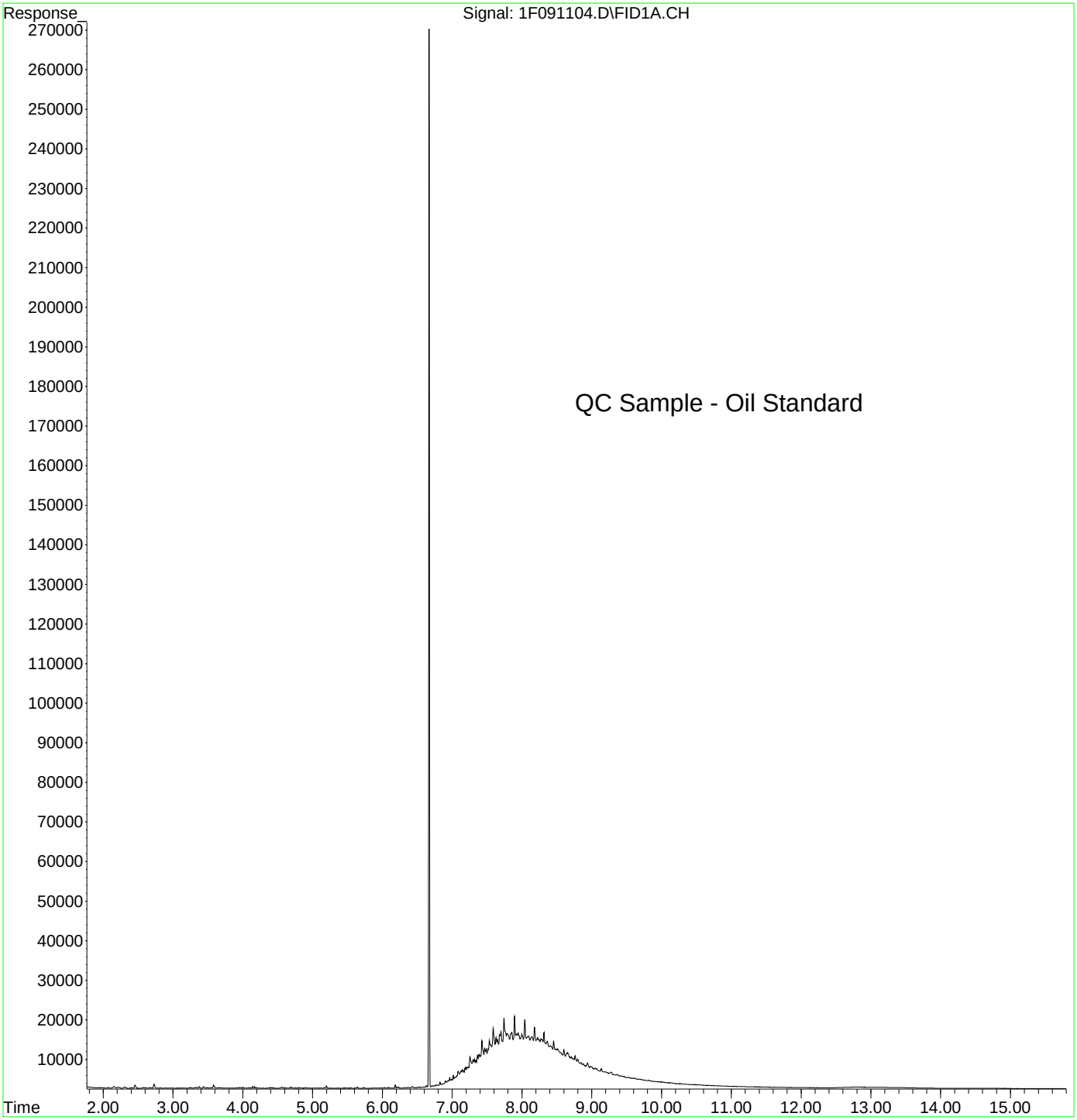
File :C:\msdchem\1\data\2020-09\0I11019\1F091102.D
Operator : BLL
Acquired : 11 Sep 2020 5:03 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: 0I11019-RES1
Misc Info :
Vial Number: 94



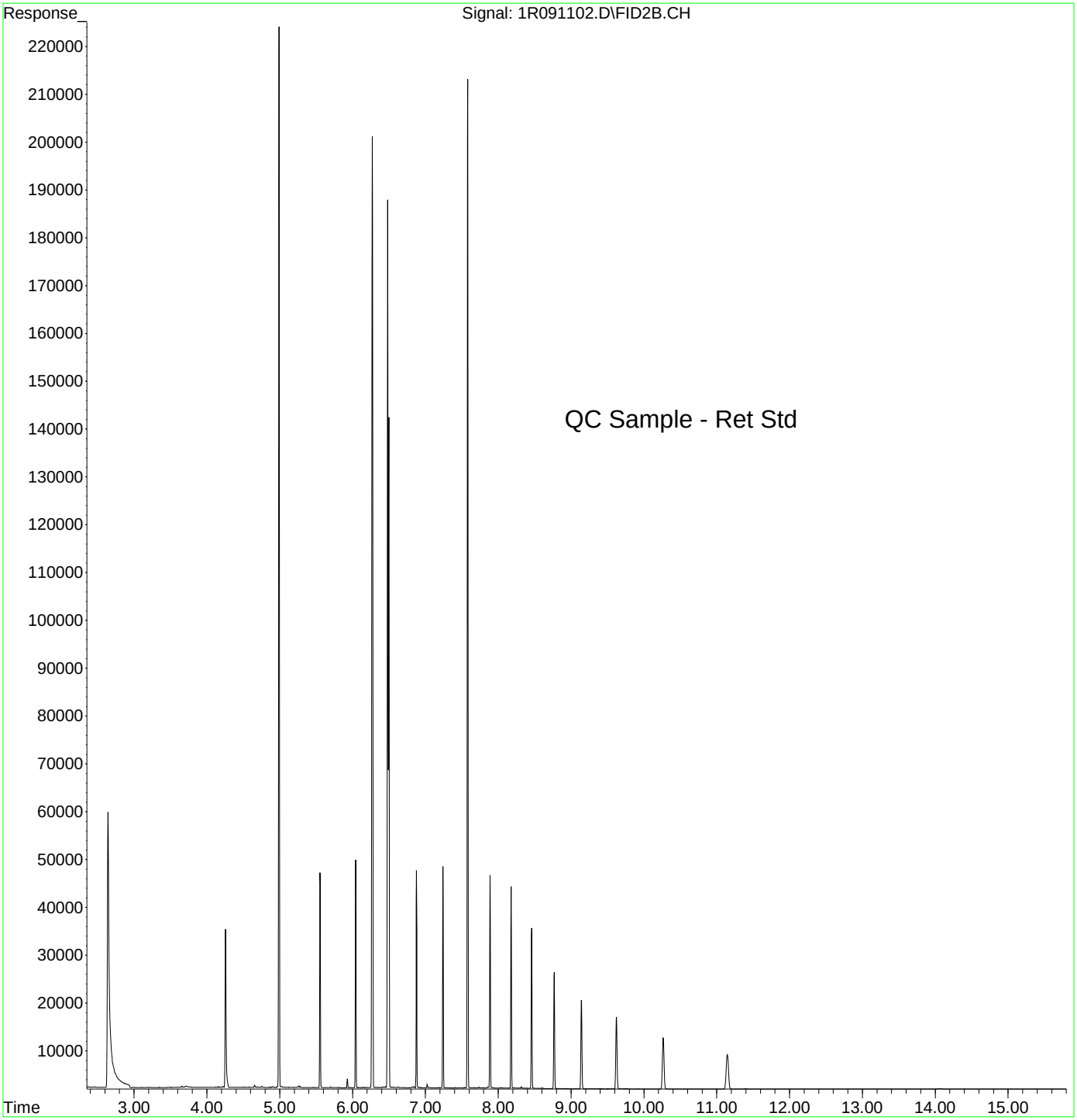
File :C:\msdchem\1\data\2020-09\0I11019\1F091103.D
Operator : BLL
Acquired : 11 Sep 2020 5:26 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: 0I11019-CCV1
Misc Info :
Vial Number: 1



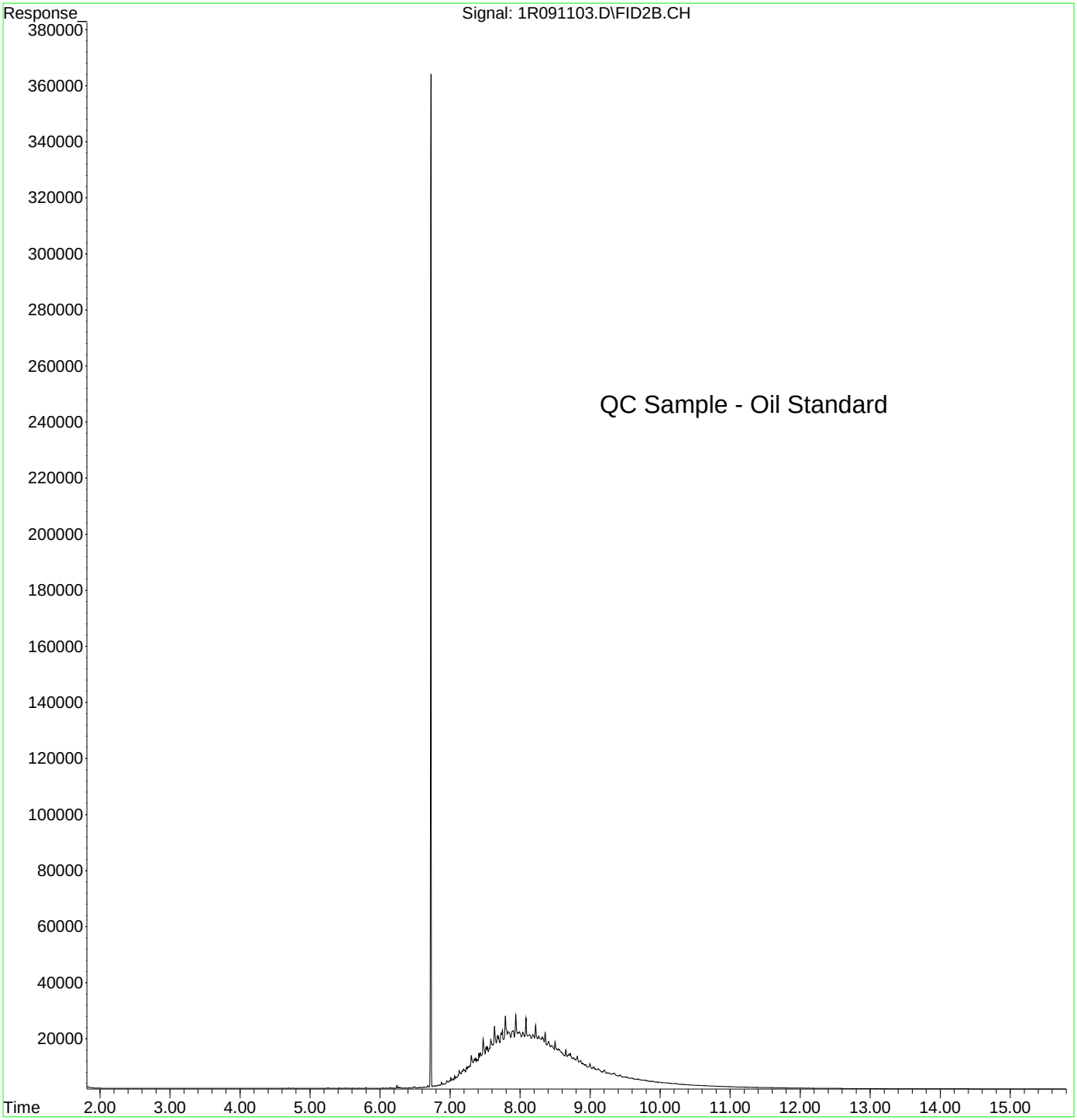
File :C:\msdchem\1\data\2020-09\0I11019\1F091104.D
Operator : BLL
Acquired : 11 Sep 2020 5:49 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: 0I11019-CCV2
Misc Info :
Vial Number: 2



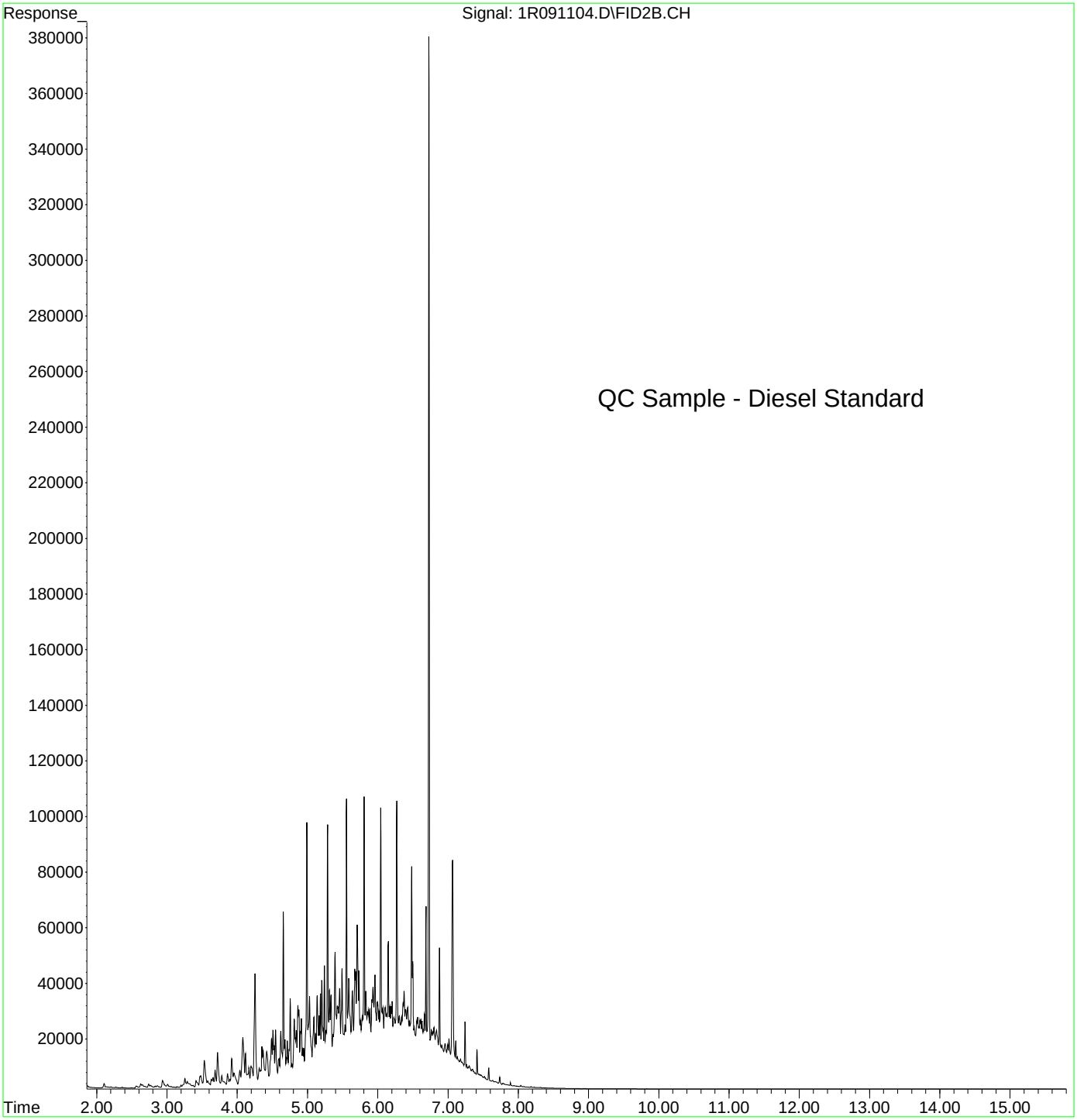
File :C:\msdchem\1\data\2020-09\0I11020\1R091102.D
Operator : BLL
Acquired : 11 Sep 2020 5:03 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: 0I11020-RES1
Misc Info :
Vial Number: 95



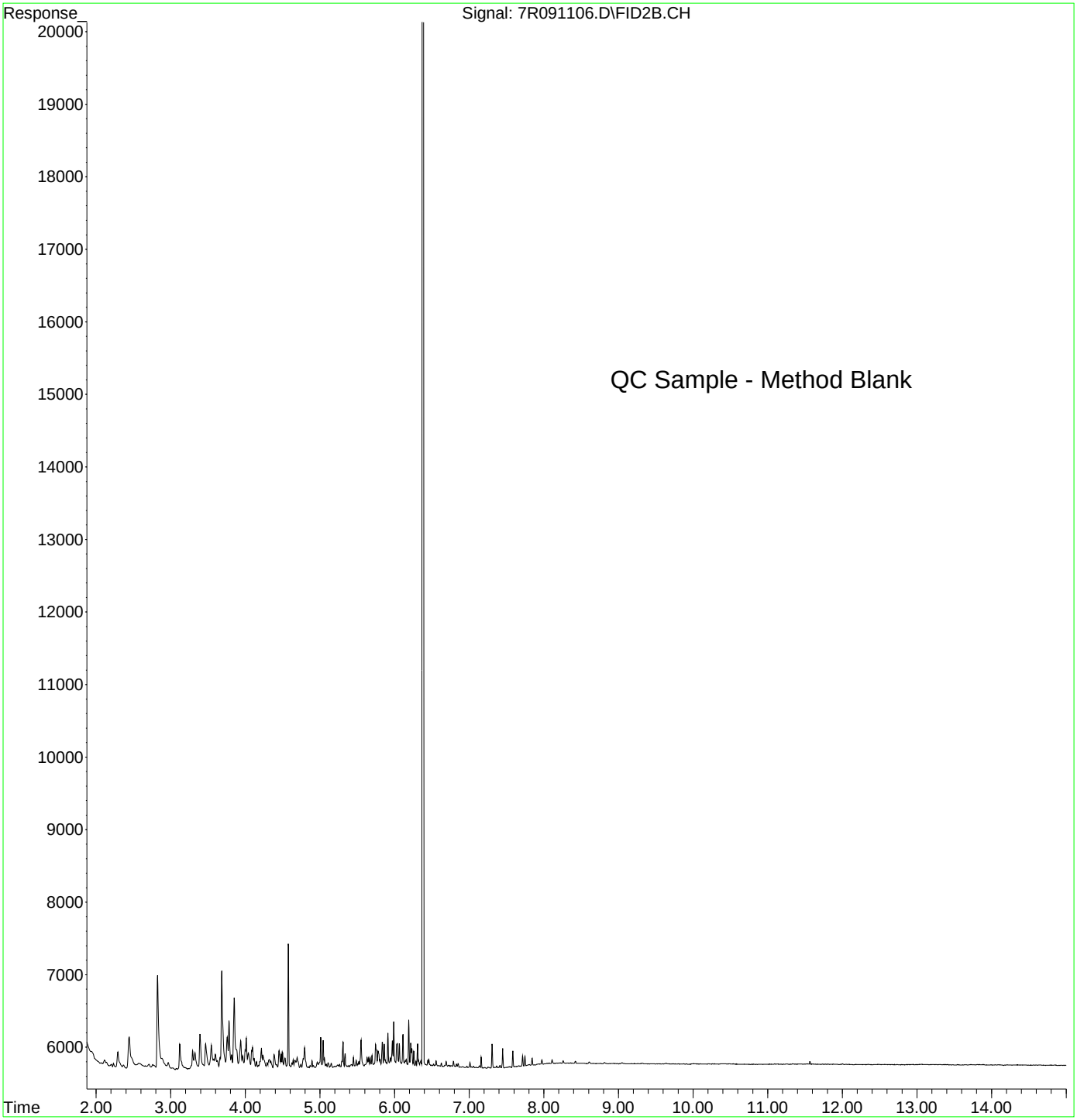
File :C:\msdchem\1\data\2020-09\0I11020\1R091103.D
Operator : BLL
Acquired : 11 Sep 2020 5:26 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: 0I11020-CCV1
Misc Info :
Vial Number: 2



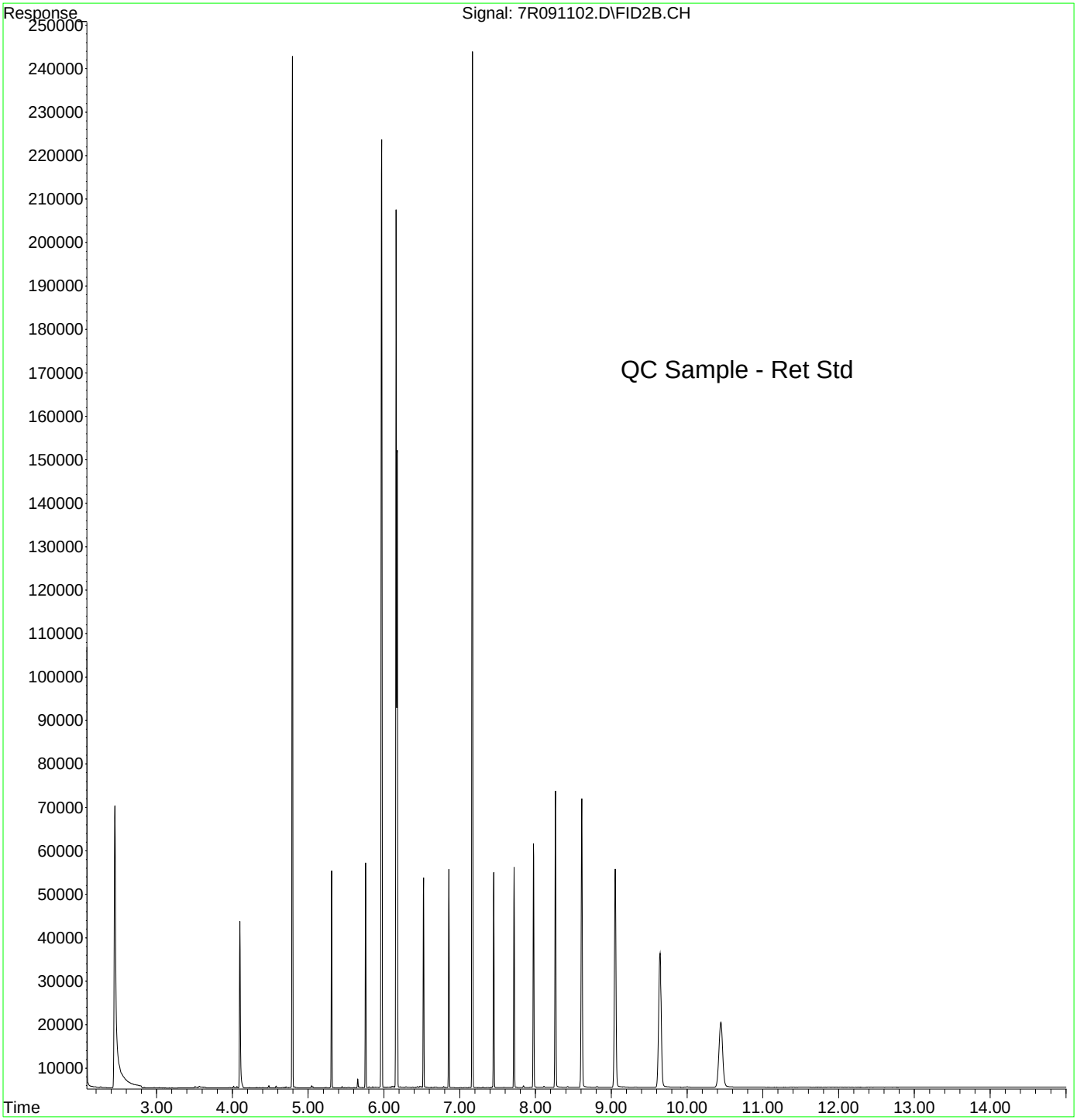
File :C:\msdchem\1\data\2020-09\0I11020\1R091104.D
Operator : BLL
Acquired : 11 Sep 2020 5:49 pm using AcqMethod A1F40422.M
Instrument : HP G1530A
Sample Name: 0I11020-CCV2
Misc Info :
Vial Number: 1



File :C:\msdchem\1\data\2020-09\0I11026\7R091106.D
Operator : BLL
Acquired : 11 Sep 2020 9:10 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: 0090334-BLK1
Misc Info :
Vial Number: 51



File :C:\msdchem\1\data\2020-09\0I11026\7R091102.D
Operator : BLL
Acquired : 11 Sep 2020 5:00 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: 0I11026-RES1
Misc Info :
Vial Number: 95



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Operator : BLL
Acquired : 11 Sep 2020 5:20 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: 0I11026-CCV1
Misc Info :
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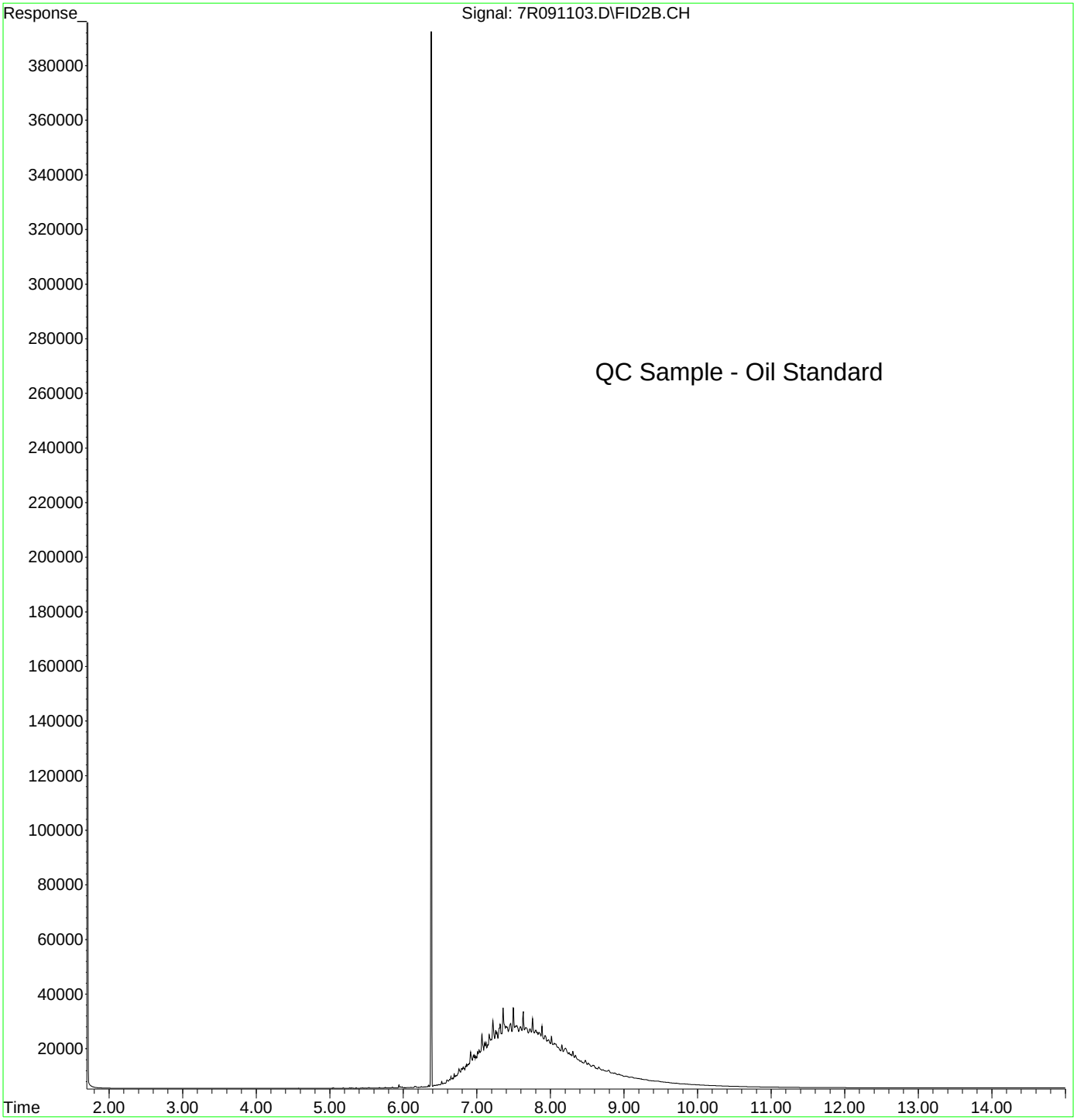

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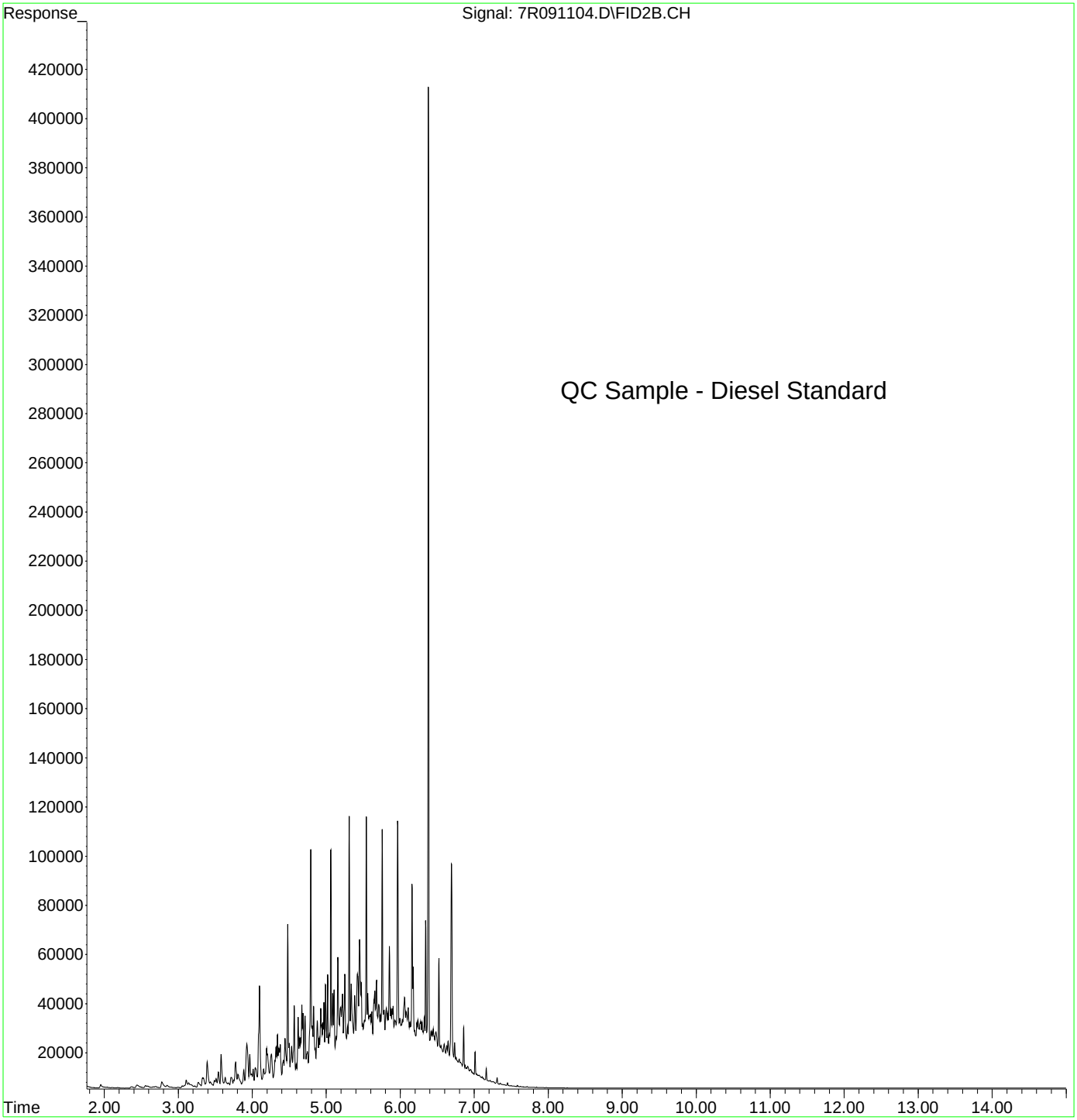
Operator : BLL
Acquired : 11 Sep 2020 5:41 pm using AcqMethod FID7ACQ.M
Instrument : HP G1530A
Sample Name: 0I11026-CCV2
Misc Info :
Vial Number: 1



APPENDIX C

DATA VALIDATION REPORT

TO:	Craig Hultgren (HydroCon)
FROM:	Manon Tanner-Dave
DATE:	September 20, 2020
SUBJECT:	Laboratory Validation Report

HydroCon TOC Site No.	Coleman Wenatchee – 2017-074		
Sampling Event Type:	Water Sampling	**Number of Samples:**	33
Laboratory Work Order:	A0I0140	**Final Report Date & Time:**	September 18, 2020

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 8260C)
- ☐ Total Lead (EPA 6020A), Organic Lead and Manganese Speciation (GC/ECD)
- ☐ Sulfate (300.0)
- ☐ Other

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 exceptions noted below:

- Lab report noted that samples MW30-W, MW31-W, BH03-W, and RW01-W were received with incomplete field preservation; lab adjusted pH accordingly upon receipt. No qualifiers were applied to the results.
- Lab noted that the following samples contained headspace in their sample vials; enough sample without headspace was available for analysis, no qualifiers were applied to the results:
  - MW03S-W: 1 out of 3 vials had headspace
  - MW20-W: 1 out of 3 vials had headspace
- Lab noted that the following samples had visible sediment in their samples vials; detected results for NWTPH-Gx and BTEX were qualified as J-Other:
  - MW17-W: 3 out of 3 vials contained sediment
  - MW25-W: 3 out of 3 vials contained sediment
  - MW30-W: 3 out of 3 vials contained sediment

Surrogate Compounds:

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

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

Matrix spikes were analyzed at the appropriate frequency and all %R were within the acceptance criteria, with the following exceptions.

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

Associated Laboratory Duplicate:

Laboratory duplicates were analyzed at the appropriate frequency and all %D were within the acceptance criteria, with the following exceptions noted below:

Analyte	Sample (MW11-W)	Duplicate (0090145-DUP2)	RPD	QC Limit	Qualifier/Comments
GRO	785	755	4%	30%	The lab duplicate was analyzed outside of the method specified 12 hour analysis window. Since the RPD was within control limits, no qualifiers were applied to the parent sample MW11-W.
Benzene	ND	ND	--		
Toluene	ND	ND	--		
Ethylbenzene	ND	ND	--		
Xylenes, total	ND	ND	--		

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

Blank-310820 was collected and analyzed; all results were ND for the target analytes.

BTEX: One trip blank (Trip Blank) was collected and analyzed; all results were ND for the target analytes.

Field Duplicate(s):

Three sets of parent/field duplicate samples were collected and analyzed (MW06-W/MW100-W, MW10R-W/MW101-W, and MW17-W/MW102-W); all RPDs were within control limits, with the following exceptions noted below:

Analyte	Sample (MW17-W)	Duplicate (MW102-W)	RPD	QC Limit	Qualifier/Comments
Diesel	2890	1430	67.6%	35%	J-REP qualify results.

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-13) The chromatographic pattern does not resemble the fuel standard used for quantitation.
    - J/UJ-Chrom 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 reject 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-13) The chromatographic pattern does not resemble the fuel standard used for quantitation.
- (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:

- Chrom = Chromatographic pattern doesn't match the pattern of the calibration standard.
- Mi = Matrix interference.
- Other = Other, described in data validation report.
- REP = Precision (all replicates).

Appendix B. Validator Qualified Data Summary Table

Sample	Laboratory ID	Method	Parameter Name	Result	Result Units	Laboratory Qualifier	Validator Qualifier	Reason Code
MW01S-W	A0I0140-01	NWTPH-Dx	Diesel	108	µg/L	F-11	J	Other
MW03S-W	A0I0140-02	NWTPH-Dx	Diesel	86.0	µg/L	F-11	J	Other
MW06-W	A0I0140-03	NWTPH-Dx	Diesel	1180	µg/L	F-11	J	Other
MW09R-W	A0I0140-05	NWTPH-Dx	Diesel	2330	µg/L	F-13	J	Chrom
MW10R-W	A0I0140-06	NWTPH-Dx	Diesel	2130	µg/L	F-13	J	Chrom
MW11-W	A0I0140-07	NWTPH-Dx	Diesel	1870	µg/L	F-13	J	Chrom
MW13R-W	A0I0140-09	NWTPH-Dx	Diesel	666	µg/L	F-11	J	Other
MW14-W	A0I0140-10	NWTPH-Dx	Diesel	825	µg/L	F-11, F-20	J	Other, Mi
MW16-W	A0I0140-11	NWTPH-Dx	Diesel	197	µg/L	F-11	J	Other
MW17-W	A0I0140-12	NWTPH-Dx	Diesel	2890	µg/L	F-13	J	Chrom, REP
MW19-W	A0I0140-13	NWTPH-Dx	Diesel	527	µg/L	F-13	J	Chrom
MW20-W	A0I0140-14	NWTPH-Dx	Diesel	987	µg/L	F-13	J	Chrom
MW21-W	A0I0140-15	NWTPH-Dx	Diesel	1010	µg/L	F-13	J	Chrom
MW23-W	A0I0140-16	NWTPH-Dx	Diesel	960	µg/L	F-11	J	Other
MW24-W	A0I0140-17	NWTPH-Dx	Diesel	443	µg/L	F-11	J	Other
MW25-W	A0I0140-18	NWTPH-Dx	Diesel	154	µg/L	F-11	J	Other
MW26-W	A0I0140-19	NWTPH-Dx	Diesel	235	µg/L	F-11	J	Other
MW27-W	A0I0140-20	NWTPH-Dx	Diesel	838	µg/L	F-11	J	Other
MW28-W	A0I0140-21	NWTPH-Dx	Diesel	1490	µg/L	F-11	J	Other

Sample	Laboratory ID	Method	Parameter Name	Result	Result Units	Laboratory Qualifier	Validator Qualifier	Reason Code
MW30-W	A0I0140-22	NWTPH-Dx	Diesel	6200	µg/L	F-13	J	Chrom
BH01R-W	A0I0140-25	NWTPH-Dx	Diesel	2740	µg/L	F-13	J	Chrom
BH02-W	A0I0140-26	NWTPH-Dx	Diesel	3820	µg/L	F-13	J	Chrom
BH03-W	A0I0140-26	NWTPH-Dx	Diesel	546	µg/L	F-13	J	Chrom
RW01-W	A0I0140-28	NWTPH-Dx	Diesel	145	µg/L	F-11	J	Other
MW100-W	A0I0140-29	NWTPH-Dx	Diesel	1640	µg/L	F-11	J	Other
MW101-W	A0I0140-30	NWTPH-Dx	Diesel	1680	µg/L	F-13	J	Chrom
MW102-W	A0I0140-31	NWTPH-Dx	Diesel	1430	µg/L	F-13	J	Chrom, REP
MW17-W	A0I0140-12	NWTPH-Gx	Gasoline Range Organics	267	µg/L		J	Other

APPENDIX D

WATER LEVEL AND PRODUCT THICKNESS MEASUREMENTS

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

Date: 8/30/2020

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	11.93		
MW01S	19.99	4	5.37 - 20.37	657.54	12.07		
MW02	40.00	2	25-40	657.76	11.76		
MW03	35.00	2	25-35	658.26	7.83		
MW03S	19.30	4	4.43 - 19.43	658.17	8.15		
MW04	37.00	2	27-37	657.48	16.03		
MW05	45.00	2	30-45	656.00	38.63		
MW06	18.00	4	8-18	657.70	10.97		
MW07	20.00	4	10-20	657.52	11.79		
MW08	25.00	4	15-25	656.20	15.6		
MW09R	32.60	4	8.59-33.59	653.55	16.93		
MW10R	33.59	4	14.64-34.64	644.30	23.86		
MW11	22.00	4	12-22	658.00	14.02		
MW12	19.52	4	4.63 - 19.63	658.27	8.13		
MW13R	18.46	4	4.23 - 18.23	656.67	7.48		
MW14	20.02	4	5.23 - 20.23	657.15	8.10		
MW15	35.10	4	10.33 - 35.33	654.99	34.79		
MW16	29.15	4	9.28 - 29.28	656.93	9.41		
MW17	29.41	4	9.52 - 29.52	655.55	13.93		
MW18	34.65	4	15.86 - 35.86	654.51	Dry		
MW19	31.48	4	11.66 - 31.66	653.31	27.90		
MW20	29.50	4	9.79 - 29.79	650.85	22.60		
MW21	32.10	4	12.30 - 32.30	643.88	20.12		
MW22	39.10	4	9.19 - 34.19	641.85	25.18		
MW23	22.04	4	7.13 - 22.13	656.91	11.48		
MW24	34.25	4	14.17-34.17	644.38	26.82		
MW25	32.96	4	12.81-32.81	645.57	24.81		
MW26	32.52	4	13.54-33.54	646.65	25.50		
MW27	38.74	4	13.56-38.56	649.00	23.26		
MW28	38.74	4	13.62-38.62	650.64	24.29		
MW29	39.11	4	14.05-39.05	652.34	25.17	25.15	
MW30	39.79	4	14.67-39.67	652.83	34.9		
MW31	39.28	4	14.11-39.11	653.97	34.19		
MW32	34.02	4	8.95-33.95	655.83	11.51		
BH01R	39.97	4	14.52-39.52	651.03	23.96		
BH02	35.00	2	20-35	653.77	28.39		
BH03	30.00	2	15-30	648.76	25.47		
RW01	30.00	3	15-30	650.42	27.2		

NOTES:

feet[1] = Elevation is relative to NGVD88

bgs = below ground surface

PVC = polyvinyl chloride

BTOC = below top of casing