



September 1, 2020

Mr. Leo Hellested, P.E. Office of Waste Management Solid Waste Section Rhode Island Department of Environmental Management 235 Promenade Street Providence, Rhode Island 02908-5767

Attn: Mr. Robert Schmidt

Re: Quarterly Monitoring Report 2nd Quarter (June) 2020, Surface Water and Groundwater Monitoring, Sampling, and Analysis Tiverton Municipal Sanitary Landfill Pare Project No.: 94139.24

Dear Mr. Hellested:

Enclosed herewith are results of the statistical analysis of groundwater monitoring data for the second quarterly monitoring round of Year 2020 from the Tiverton Landfill (Landfill). Pare Corporation (Pare) has prepared this report on behalf of the Town of Tiverton (Town). Pare conducted the groundwater sampling on June 24, 2020 at the background wells OW-9, OW-12 and OW-17, and compliance wells OW-7, OW-13, OW-14, OW-15, and OW-16. June 2019 was the first quarterly monitoring period where OW-12 has been designated as a background well. OW-17 was installed as an additional background well in April 2019.

Groundwater samples were analyzed by New England Testing Laboratory (NETLAB) of West Warwick, Rhode Island for the constituents listed in the Rhode Island Department of Environmental Management's (RIDEM's) *Solid Waste Regulations No.2, Solid Waste Landfills* (250-RICR-140-05-2), Section 2.3.26, *Constituents for Detection Monitoring*. Certified laboratory results data are enclosed as **Attachment 1** and are summarized on attached Table 1.

Groundwater field parameters consisting of temperature, pH, and specific conductivity were measured at each monitoring well, in accordance with the RIDEM-approved Groundwater Monitoring Plan for the Landfill. Field parameters were collected until three successive measurements stabilized within \pm 3% for temperature, \pm 0.1 standard unit for pH, and \pm 3% for specific conductivity, in accordance with US EPA's Low-Flow (Minimal Drawdown) Groundwater Sampling Procedures. Field parameters are documented on Field Sampling Data Sheets, which are provided as **Attachment 2**.

Combustible gases are monitored at each well and at the top of the Landfill. Each of the well locations, with the exception of OW-15, had no detections of combustible gas observed during this monitoring round. During the June 2020 monitoring round, OW-15 had a methane reading of >99% the Lower Explosive Limit (LEL). Additionally, a carbon monoxide concentration of 35 ppm was observed at OW-15, and total volatile organic compounds (TVOCs) were detected at 5.3 ppm. Historically, combustible gas monitoring during quarterly groundwater monitoring events had not resulted in detections of LEL exceedances until March 2019, when OW-15 produced a concentration of combustible gases at 44% of the LEL. Subsequent monitoring has resulted in continually increasing LEL fractions being detected, indicating that further assessment is warranted in this area. During this quarterly monitoring round, Pare reinstalled the cap of OW-15's standpipe to allow ventilation until such time that a vented standpipe cap can be obtained, which is anticipated to be received prior to the third quarterly monitoring round (September 2020). The

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September 1, 2020

only other instrument detections observed during the June 2020 monitoring round were a TVOC concentration of 9.8 ppm at OW-13. LEL monitoring will continue with additional actions recommended if necessary. The results of surface water and groundwater sampling and analysis are summarized in the following section.

HUMAN HEALTH THRESHOLD EVALUATION

<u>Background Well OW-9</u> – Six (6) target metals were reported in the groundwater sample collected from OW-9 above the laboratory detection limits. None (0) of the detected target metals were reported above their corresponding Safe Drinking Water Act Maximum Contaminant Levels (MCLs) or human health thresholds at OW-9. No (0) target volatile organic compounds (VOCs) were reported above laboratory detection limits at OW-9.

<u>Background Well OW-12</u> – Six (6) target metals were reported in the groundwater sample collected from OW-12 above the laboratory detection limits. None (0) of the detected target metals were reported above their corresponding MCLs or human health thresholds at OW-12. No (0) target VOCs were reported above laboratory detection limits at OW-12.

<u>Background Well OW-17</u> – Nine (9) target metals were reported in the groundwater sample collected from OW-17 above the laboratory detection limits. None (0) of the detected target metals were reported above their corresponding MCLs or human health thresholds at OW-17. No (0) target VOCs were reported above laboratory detection limits at OW-17.

<u>Compliance Well OW-7</u> – Seven (7) target metals were reported in the groundwater sample collected from OW-7 above the laboratory detection limits. None (0) of the detected target metals were reported above their corresponding MCLs or human health thresholds at OW-7. One (1) target VOC, methyl tert-butyl ether (MTBE), was detected above the laboratory detection limits but below the applicable MCL and human health threshold. No (0) other target VOCs were reported above laboratory detection limits at OW-7.

<u>Compliance Well OW-13</u> – Thirteen (13) target metals were reported in the groundwater sample collected from OW-13 above laboratory detection limits. One target metal, cadmium, was detected above the MCL (0.0095 mg/L detected vs. 0.005 mg/L MCL). The concentration of cadmium at OW-13 appears to vary, with the most recent exceedance of the MCL detected in March 2017 and September 2016 (0.005 mg/L and 0.029 mg/L, respectively). No other detected target metals were reported above their corresponding MCLs or human health thresholds at OW-13. Two (2) target VOCs; chlorobenzene, and MTBE; were detected above of the laboratory detection limits but below the applicable MCLs and human health threshold values. No (0) other target VOCs were reported above laboratory detection limits at OW-13.

<u>Compliance Well OW-14</u> – Ten (10) target metals were reported in the groundwater sample collected from OW-14 above laboratory detection limits. None (0) of the detected target metals were reported above their corresponding MCLs or human health thresholds at OW-14. Four (4) target VOCs; 1,4-dichlorobenzene, benzene, chlorobenzene, and MTBE; were reported above laboratory detection limits but below their respective MCLs and human health thresholds. No (0) other target VOCs were reported above their laboratory detection limits at OW-14.

<u>Compliance Well OW-15</u> – Eight (8) target metals were reported in the groundwater sample collected from OW-15 above laboratory detection limits. One (1) of the detected target metals, arsenic, was reported in excess of the MCL (0.0283 mg/L detected vs. 0.01 mg/L MCL). Arsenic has historically been detected at OW-15 at similar concentrations since December 2015. Arsenic concentrations typically range between 0.0066 mg/L (March 2020) to 0.0700 mg/L in September 2016. All other detected target metals were reported below their corresponding MCLs or human health thresholds at OW-15. Three (3) target VOCs; benzene, chlorobenzene, and MTBE were reported above their laboratory detection limits but below their applicable MCLs and human health thresholds. No (0) other target VOCs were reported above their laboratory detection limits at OW-15.



<u>Compliance Well OW-16</u> – Nine (9) target metals were reported in the groundwater sample collected from OW-16 above laboratory detection limits. None (0) of the detected target metals were reported above their corresponding MCLs or human health thresholds at OW-16. One (1) target VOC, MTBE, was detected above the laboratory detection limits, but below the MCL and human health threshold. No (0) other target VOCs were reported above laboratory detection limits at OW-16.

TOLERANCE INTERVAL STATISTICAL EVALUATION

Mr. Leo Hellested, P.E.

The Tolerance Interval (TI) approach was used to develop Tolerance Limits (TLs) for each target inorganic constituent (i.e., metals) using the background well analytical results from the eight preceding rounds for which analytical results are available. The data from OW-12, recently designated as a background well, was included in a re-evaluation of background TLs during this monitoring period. Due to occasional inability to sample one or more background wells, data from the present monitoring period through December 2016 were utilized to calculate applicable background TLs. The TI approach is considered inappropriate for analysis of organic constituents due to their presence being the result of anthropogenic activities. The TL for organic constituents is therefore presumed to be zero (i.e., not present); however, laboratory detection limits are unable to reach this level of certainty and as such, this method is not applicable to organic constituents and was therefore not performed to evaluate the results of reported VOCs.

Three (3) metals; arsenic, barium, and cobalt; had reported concentrations that exceeded their corresponding TLs calculated during the June 2020 monitoring round in at least one compliance well. In total, there were five (5) TL exceedances of these metals in this monitoring round. The TLs and the corresponding compliance well data from this monitoring round are presented in Table 2. Barium and cobalt are routinely detected in groundwater beneath the landfill. The concentration of arsenic detected at OW-15 was present in excess of the Site-specific TL and the MCL. Additionally, while compliant with the Site-specific TL, cadmium was detected at one (1) well, OW-13, in excess of the applicable MCL.

CUSUM METHOD STATISTICAL EVALUATION

The Shewhart-CUSUM Method, a supplemental statistical analysis method used in addition to the TI Method, was performed in accordance with the US EPA documents titled "Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities – Interim Final Guidance, April 1989" and "Statistical Analysis of Groundwater Monitoring Data at RCRA Facilities – Addendum to Interim Final Guidance, July, 1992". Graphs of CUSUM values for inorganic metals for each observation well is shown on **Attachment 3.** Due to revised laboratory analytical methodology, the laboratory method detection limits for the parameters have been significantly lowered since the initial calculation of CUSUM parameters. As such, these values were recalculated to adjust for lowered method detection limits, and the CUSUM values for any parameters that exceeded the 1/2 limit of 5 standard deviations were reset to zero at the June 2019 sampling round to evaluate changes to CUSUM values that have occurred within the past year to date. OW-7 and OW-9 have also been incorporated into the Shewhart-CUSUM model.

No compounds exceeded their respective Shewhart-CUSUM thresholds during the June 2020 monitoring round based on the updated parameters to adjust for lowered laboratory method detection limits. The graphs for barium at OW-13 and OW-14, and the graph for arsenic at OW-15 indicate that the CUSUM values are beginning to increase but are well below the threshold.

The Shewhart-CUSUM models between OW-16 and OW-7 indicate a greater variance of impact to OW-7 from metals, specifically arsenic, cadmium, copper, lead and zinc, compared with OW-16. As these wells are located within a wetland area and OW-7 represents overburden groundwater, the metal concentrations observed in this monitoring well may be influenced by anaerobic microbial digestion. No compounds exceeded their respective Shewhart-CUSUM thresholds in these wells. Concentrations of these and remaining targeted metal compounds do



not appear to be significantly different between the two wells. In general, barium, cadmium, chromium, cobalt and nickel have been detected at higher concentrations in OW-7 than in OW-16, however no parameters have exceeded the applicable threshold values since June 2018.

ASSESSMENT MONITORING

The Shewhart-CUSUM analysis is utilized, along with the Tolerance Limits, to identify when Assessment Monitoring should be performed. In accordance with the May 2006 Groundwater Monitoring Plan, Assessment Monitoring is triggered if:

- 1. An inorganic parameter exceeds the upper Tolerance Limit in two (2) consecutive rounds <u>and</u> that parameter exceeds one of the two (2) Shewhart-CUSUM control limits in the latter monitoring round; or
- 2. An organic parameter exceeds one of the two Shewhart-CUSUM control limits.

During the previous monitoring period, barium, copper, and zinc concentrations were detected at OW-13 in concentrations calculated to exceed the Shewhart-CUSUM thresholds. Copper and zinc were below the Site-specific tolerance limit, and barium was detected in OW-13 at a concentration similar to those observed in previous monitoring rounds. As such, assessment monitoring was not performed during the previous round, and the data does not currently indicate that assessment monitoring is warranted for the September 2020 monitoring round.

SURFACE WATER MONITORING

Per the request of the RIDEM in a letter dated January 31, 2019, the Town began incorporating surface water monitoring at surface water locations SW-1, SW-2, and SW-3 into the existing regular quarterly monitoring program. The parameters for surface water monitoring include: Solid Waste Regulations No. 2, Section 2.3.26: *Detection Monitoring* metals, mercury, tin, iron, calcium, magnesium, ammonia, total Kjeldahl nitrogen (TKN), total nitrogen, total phosphorus, and hardness. Data are summarized in attached Table 3, and the laboratory analytical report is provided as **Attachment 4**. Additionally, field screening was performed at each surface water location to determine temperature, pH, and specific conductivity.

<u>Monitoring Location SW-1</u> – Eight (8) targeted Detection Monitoring metals were identified in the surface water sample collected at SW-1 above laboratory detection limits. Additional detected targeted metals included calcium, magnesium, and iron. Arsenic, iron, and lead were detected in excess of the Human Health Threshold values, and the concentrations of iron, zinc and lead detected also exceeded the chronic freshwater aquatic life threshold values. Additionally, ammonia, total nitrogen as nitrates and nitrites, and TKN were detected in the samples collected at SW-1; however, they did not exceed their given threshold values, or no threshold values have been established for these parameters. During sample collection, the water was observed to be relatively stagnant where normally a flowing stream is observed. Concentrations detected during this monitoring round may have been affected by the stagnant water.

<u>Monitoring Location SW-2</u> – Eight (8) targeted Detection Monitoring metals were identified in the surface water sample collected at SW-2 above laboratory detection limits. Additional detected targeted metals included calcium, magnesium, and iron. Arsenic and iron were detected in excess of the Human Health Threshold values, and the concentrations of iron, zinc and lead detected also exceeded the chronic freshwater aquatic life threshold values. Additionally, ammonia, total nitrogen, and TKN were detected in the samples collected at SW-2; although they did not exceed their given threshold values, or no threshold values have been established for these parameters.

<u>Monitoring Location SW-3</u> – Nine (9) targeted Detection Monitoring metals were identified in the surface water sample collected at SW-3 above laboratory detection limits. Additional detected targeted metals included calcium, magnesium, and iron. Arsenic, barium, iron and lead were detected in excess of the Human Health Threshold values,



and concentrations of chromium, copper, iron, zinc and lead detected also exceeded the chronic freshwater aquatic life threshold values. Additionally, ammonia, total nitrogen, total phosphorus, and TKN were detected in the samples collected at SW-3; total phosphorus (17.3 mg/L) exceeded the human health threshold of 0.025 mg/L, and total nitrogen (97.7 mg/L) exceeded the human health threshold of 10 mg/L. During sample collection, relatively stagnant water and wetland conditions were observed in this area, including plant and animal life commonly found in wetland environments, and a rotten-egg odor when collecting the sample of SW-3. Based on the analytical results for nitrogen and phosphorus, it is possible that the anaerobic conditions typical of wetland biomes have resulted in increased levels of phosphorus and nitrogen being released into the environment. No stressed vegetation or wildlife were observed during sample collection.

Targeted analytes detected above the laboratory detection limit in all three (3) surface water samples appear to be present in higher concentrations than previously observed. Several naturally occurring factors may have contributed to an increase in the concentrations of targeted parameters, including:

- Below average precipitation According to data maintained by the National Oceanic and Atmospheric Administration (NOAA), the average precipitation in Tiverton for the month of June is 3.88 inches. For the month of June 2020, only 2.63-inches of precipitation were recorded from the station nearest to the Site, with 1.19-inches occurring prior to the date of sample collection. During sample collection, the water bodies from which the surface water samples are collected were observed to be relatively stagnant, where normally flowing water is visible. Stagnant water can lead to anaerobic conditions favorable to microbes present in wetland environments, as observed in the area of SW-3 during this monitoring round. A copy of the station results in provided as **Attachment 5**.
- Anaerobic conditions observed in the field and consistent with below average precipitation Wetland conditions as described above result in consumption of dissolved oxygen in water through microbial respiration. When dissolved oxygen has been sufficiently depleted, the microbial population adjusts through the use of other oxidized materials such as nitrate, iron, manganese, and sulfates, which may be present in the water or naturally occurring in soils within the wetland. These processes can cause the release of metal cations and the formation of inorganic metal compounds that may be water-soluble or present in the water column.

The increased concentrations of targeted analytes identified in SW-2, previously observed to be located upgradient of the landfill, further support the presence of naturally occurring factors. As the processes occurring in anaerobic conditions encountered in wetlands are often cyclical, a return to similar concentrations as previously observed is expected to occur in the September 2020 monitoring round. Pare will attempt to conduct the September 2020 quarterly monitoring event within 72-hours but not less than 24-hours after a significant storm event to ensure that flow conditions in the surface water sample collection areas are similar to those historically observed. Should conditions continue to exhibit high concentrations of metal compounds, additional analysis may be warranted, including dissolved oxygen, an evaluation of phosphate compounds (natural vs anthropogenic phosphates) and/or analysis of flowing water conditions (i.e. not stagnated by lack of precipitation/sedimentation processes). Graphs depicting historical concentrations of inorganic metals identified in surface water are provided as **Attachment 6**.

MTBE ANALYSIS

Many of the most recent Assessment Monitoring rounds have been conducted due to MTBE concentrations in groundwater. Reported MTBE concentrations have generally risen since September 2006, as depicted in **Attachment 7**. Figure 1 in **Attachment 7** compares the recent increases in reported MTBE data from September 2006 to June 2020, while Figure 2 compares the MTBE concentrations detected at OW-7 and OW-16 since November 2017. MTBE concentrations are compared to historical concentrations and drinking water advisories defined in the US EPA document titled "2011 Edition of the Drinking Water Standards and Health Advisories".



Mr. Leo Hellested, P.E.

September 1, 2020

Although reported MTBE concentrations appeared to be trending slowly upward, MTBE has never been reported above its odor threshold (0.020 mg/L) or its taste threshold (0.040 mg/L). The US EPA has not established a human health advisory concentration for MTBE.

Since the beginning of quarterly monitoring in 2018, concentrations of MTBE now appear to be stabilizing in OW-13, OW-14, and OW-15, with all detected concentrations during the June 2020 round being lower than the highest concentrations historically detected at each well and well below the odor and taste thresholds as well as being below the RIDEM GA Groundwater Objectives. Past Assessment Monitoring performed due to MTBE Shewhart-CUSUM threshold exceedances in these wells has not recently identified detectable concentrations of Section 2.3.27 parameters, and as such, it is Pare's opinion that the increasing trend in MTBE concentrations beneath the Landfill previously observed is an isolated phenomenon and not the result of a significant change in groundwater quality beneath the Landfill.

Despite CUSUM values of MTBE at OW-13, OW-14, and OW-15 remaining above their threshold during the June 2020 monitoring round, Pare does not recommend Assessment Monitoring due to the aforementioned MTBE trend. The lack of Section 2.3.27 parameters in the past suggests that the presence of MTBE trend does not indicate an increased likelihood that Section 2.3.27 parameters would be present beneath the Landfill.

MTBE concentrations at OW-7 and OW-16 appear to be relatively similar and trending toward an overall decrease in concentration. The data appears to indicate a hydrogeological connection between the overburden and bedrock groundwater aquifers in this area, as well as seasonal fluctuations in concentrations of MTBE, which appear to increase during the winter months at OW-16 while decreasing at OW-7, and decrease during the summer months at OW-16 while increasing at OW-7.

CONCLUSIONS AND RECOMMENDATIONS

Currently, the Town conducts Detection Monitoring at the Landfill for the parameters listed in Section 2.3.26 of the State Solid Waste Regulations, as well as mercury and tin. During this monitoring round, three (3) metals; arsenic, barium and cobalt; exceeded their tolerance limits (TLs) in at least one well. Additionally, while compliant with the Site-specific TL, the concentration of cadmium detected at OW-13 exceeded the MCL. Arsenic, barium and cobalt are routinely detected in groundwater at the Site, and past assessment monitoring due to an influx of these compounds in groundwater has not been indicative of the presence of additional Section 2.3.27 parameters. As such, Pare is of the opinion that Assessment Monitoring is not warranted for the September 2020 monitoring round.

Several parameters in surface water were identified during the June 2020 monitoring round in excess of previous concentrations detected as well as applicable human health thresholds and/or freshwater aquatic life criteria. Specifically, arsenic, iron, lead and zinc were detected in excess of one or more criteria in all three (3) surface water samples, and chromium, barium and copper were detected in excess of one or more criteria in SW-3. Concentrations of detected parameters were, on average, higher than previously detected in all three (3) surface water samples. Pare is of the opinion that below average precipitation and the resulting stagnation and anaerobic conditions generated because of the absence of precipitation resulted in excess microbial respiration at the sample locations, which could have resulted in the generation of metal ions and inorganic metal compounds that were subsequently present in the sample at the time of sample collection. To verify if this condition exists, Pare will attempt to conduct the September 2020 monitoring round between 24- and 72-hours after a significant storm event occurs at or near the Site. Based on the data obtained from the September 2020 event, additional evaluation may be warranted.

Pare recommended that wells OW-7 and OW-16 be incorporated into the compliance monitoring regimen in the 2017 Annual Groundwater Monitoring Report. Despite OW-7 having several years of sampling data, the sampling rounds were selected on a rotating basis with wells OW-6 and OW-8 for alternate monitoring. Pare recommended that wells OW-7 and OW-16 be sampled for two years, or eight consecutive monitoring rounds, prior to initiating



Mr. Leo Hellested, P.E.

September 1, 2020

statistical analysis. The June 2020 monitoring period marks the eighth monitoring round that these wells have been sampled. Samples were not collected from OW-7 and OW-16 in September 2019 due to concerns about Eastern Equine Encephalitis (EEE) and these wells were not sampled in December 2019 due to frozen well conditions. The Shewhart-CUSUM graphs and MTBE concentration graphs for OW-7 and OW-16 are included in this report and will be included and discussed in subsequent reports.

Historically, methane has not been an issue at the Landfill; however, the last four (4) monitoring rounds have seen methane detections at monitoring well OW-15, including a >99% LEL reading in June 2020. Additionally, carbon monoxide was detected at OW-15 during the June 2020 monitoring round at a concentration of 35 ppm. Of note, the manufacturer of the instrument used for gas monitoring at the landfill (RAE Systems MultiRAE multi-gas monitor) indicates that some cross-reactivity of the carbon monoxide sensor may occur with certain compounds, notably hydrogen and ethylene gas, which may be present in landfill gas. Pare is anticipating the installation of a vented standpipe cap at OW-15 during the September 2020 monitoring round and will continue to monitor OW-15 for methane LEL exceedances. If LEL exceedances are still observed upon installation of the vented cap, additional measures will be evaluated to mitigate gas buildup.

Should the RIDEM have any questions regarding this letter or the attached data, please feel free to contact the undersigned at (401) 334-4100, thank you.

Very truly yours,

Timothy P. Thies, P.E. Senior Vice President

TPT/AWB/abv

Attachments

Figure 1 – Site Plan Depicting Notable Features and Sampling Locations

Table 1 - Historical Analytical Data, Observation Wells

- Table 2 Tolerance Intervals for June 2020 Monitoring Period
- Table 3 Historical Analytical Data, Surface Water Sampling

Attachment 1 – Laboratory Analytical Report, Observation Well Sampling

Attachment 2 – Field Sampling Data Sheets, Surface Water and Observation Water Logs

Attachment 3 – Shewhart/CUSUM Graphs for Inorganic Compounds, Observation Wells

Attachment 4 – Laboratory Analytical Report, Surface Water Sampling

Attachment 5 – June 2020 Precipitation Data, Tiverton, RI

Attachment 6 - Charts of Historical Inorganic Compound Detections, Surface Water Sampling

Attachment 7 – MTBE Historical Concentration Graphs

Cc: Richard Rogers, Tiverton Public Works Director (w/encl.) Jay Lambert, Tiverton Landfill Subcommittee (w/encl.) Christopher Cotta, Tiverton Town Administrator (w/encl.) Arianne Barton, Pare Corporation (w/o encl.)

FIGURE 1

Site Plan Depicting Notable Features and Sampling Locations





TABLE 1

Historical Analytical Data, Observation Wells

TABLE 1 SUMMARY OF GROUNDWATER MONITORING RESULTS CONSTITUENTS FOR DETECTION MONITORING MONITORING WELL OW-7 Concentration (expressed in same units as Threshold Value)

| Parameter | Threshold Value | Jun-20 | Mar-20 | Dec-19 | Jun-19 | Mar-19 | Dec-18 | Sep-18 | Jun-18 | Mar-18 | Nov-17 | Sep-17 | Mar-17 | Mar-16 | Sep-16 | Mar-15 |
|----------------------------------|-----------------------------------|--------------|--------------|--------|--------------|--------------|--------|--------|--------|--------|--------|--------|--------|--------|--------------|--------------|
| Metals | | | | | | | | | | | | | | | | |
| Antimony | 0.006 mg/L1 | ND | ND | NT | 0.0002 | 0.0002 | 0.001 | ND | ND | ND | ND | ND | 0.0070 | ND | ND | ND |
| Arsenic | 0.010 mg/L1 | 0.0001 | ND | NT | 0.0001 | 0.0002 | ND | ND | 0.0100 | ND | ND | ND | ND | 0.0070 | ND | ND |
| Barium | 2 mg/L1 | 0.025 | 0.033 | NT | 0.0270 | 0.0340 | 0.0400 | 0.0540 | 0.0280 | 0.0380 | 0.0350 | 0.0330 | 0.0380 | 0.0390 | 0.0300 | 0.0330 |
| Beryllium | 0.004 mg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Cadmium | 0.005 mg/L1 | 0.0004 | 0.0005 | NT | 0.0005 | 0.0007 | ND | 0.004 | ND | ND | ND | ND | 0.0010 | ND | 0.0010 | ND |
| Chromium | 0.1 mg/L1 | ND | 0.0001 | NT | 0.0008 | 0.0011 | 0.0040 | 0.0180 | 0.0040 | 0.0050 | 0.0050 | 0.0040 | 0.0060 | ND | ND | ND |
| Cobalt | 0.73 mg/L ^s | 0.0029 | 0.0072 | NT | 0.0078 | 0.0090 | 0.0200 | 0.0220 | 0.0150 | 0.0190 | 0.0180 | 0.0180 | 0.0250 | 0.0280 | 0.0200 | 0.0250 |
| Copper | 1.3 mg/L ¹ | ND 0.0011 | ND 0.0002 | NI | 0.002 | 0.002 | ND | 0.03 | ND | ND | 0.0050 | ND | 0.0060 | 0.0060 | 0.0080 | 0.0250 |
| Mercury | 0.013 mg/L | | 0.0003 ND | NT | 0.0008 ND | 0.0013 ND | ND | 0.000 | | ND | ND | ND | ND | ND | 0.0010 ND | 0.0050 ND |
| Nickel | 0.1 mg/L ² | 0.004 | 0.009 | NT | 0.0090 | 0.0110 | 0.0220 | 0.0320 | 0.0180 | 0.0210 | 0.0210 | 0.0190 | 0.0250 | ND | 0.0200 | 0.0240 |
| Selenium | 0.05 mg/L1 | ND | ND | NT | ND | ND | 0.005 | ND | ND | 0.0100 | ND | 0.0030 | ND | 0.1070 | 0.0070 | 0.1880 |
| Silver | 0.1 mg/L ^{2, 3} | ND | ND | NT | ND | 0.0002 | ND | ND |
| Thallium | 0.002 mg/L1 | ND | ND | NT | ND | ND | 0.0003 | ND | ND | 0.0003 | ND | ND | ND | ND | ND | ND |
| Tin | 22 mg/L⁵ | ND | ND | NT | ND | ND | ND | NT | ND | ND |
| Vanadium | 0.26 mg/L⁵ | ND | ND | NT | 0.0009 | 0.0013 | ND | 0.016 | ND | ND |
| | 2 mg/L*** | 0.002 | 0.004 | NI | 0.0070 | 0.0060 | 0.0180 | 0.0850 | 0.0140 | 0.0180 | 0.0200 | 0.0120 | 0.0210 | 0.0050 | 0.0120 | 0.0060 |
| 1 1 1 2 Totraphoreethere | 70 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1,2-Tetrachioroethane | 70 µg/L* | ND | ND | NT | ND | | | | | ND | | ND | | | ND | |
| 1 1 2 2-Tetrachloroethane | 200 µg/L 0.2 µg/L ² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1.1.2-Trichloroethane | 5 µg/L | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 5 µg/L ^b | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethylene | 7 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 0.03 µg/L ⁷ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane | 0.2 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 0.05 µg/L ¹ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 600 µg/L' | ND | ND | NI | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropage | 5 µg/L ¹ | ND | ND | NT | ND | | | | | ND | | ND | | | ND | |
| 1.2-Dichlorobenzene | 75 µg/L | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone | ua/L | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 610 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | 5.8 | ND | ND | ND |
| Acrylonitrile | 0.039 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | 5 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromochloromethane | 90 µg/L ² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 80 µg/L' | ND | ND | NI | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 60 μg/L ² | ND | ND | NT | ND | | | | | ND | | ND | | | ND | |
| Carbon disulfide | 10 µg/L 1000 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 5 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 100 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorodibromomethane | 80 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 4.6 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 80 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chioromethane | 3 µg/L ² | ND | ND | NI | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1 3-Dichloropropene | 0.27 µg/L | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromomethane | 61 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 700 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl butyl ketone (2-Hexanone) | 160 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl ethyl ketone (2-Butanone) | 4000 µg/L ² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl iodide | µg/L | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert-butyl ether (MTBE) | 20 - 40 µg/L⁴ | 2 | 4 | NT | 3.01 | 4.0 | 6.38 | 4.87 | 3.56 | 6.80 | 5.9 | 5.36 | 10.3 | 8.8 | ND | ND |
| Methylene chloride | 5 µg/L' | ND | ND | NI | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND 4.0 | ND |
| Tetrachloroethylene (PCE) | 5 µg/L | ND | ND | NT | ND | | ND | ND | | ND | ND | ND | ND | ND | 4.9 ND | |
| Toluene | 1000 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trans-1,2-Dichloroethylene | 100 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,3-Dichloropropene | 0.27 µg/L ^{6, a} | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,4-Dichloro-2-butene | µg/L | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethylene (TCE) | 5 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| I richlorotluoromethane | 2000 µg/L ² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyi acetate | 410 µg/L ³ | | ND | NT | | | | | | | | | | | ND | |
| Xvlenes | 2 µg/L 10000 µg/L ¹ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| | | | | | | | | | | | | | | | | |

= Concentration exceeds the specified Threshold Value

Note: Low flow purging and sampling used starting with the June 2005 monitoring round

Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories
 Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories
 Threshold value given is the Secondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories
 Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories
 Threshold value given is the Drinking Water Advisories
 Threshold value given is the Drinking Water Advisories
 Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update

Threshold value given is derived from the EPA's National Recommended Water Quality Criteria for Human Health for the consumption of water and organisms, amended 2015.
 Threshold value given is derived from the EPA's Unregulated Contaminant Monitoring Rule's minimum reporting levels.

a. The Threshold value given for these compounds is the threshold value for a mixture of isomers. For example, cis- and trans-1,3-dichloropropylene were not identified as having individual threshold values, however 1,3dichloropropylene was identified as having a numerical value under the National Recommended Water Quality Criteria for Human Health for consumption of water and organisms. As such, the value for total 1,3-dichloropropylene was used as the threshold value for the cis- and trans- isomers. The total of the two (2) isomers should not exceed this value even if each individual isomer is present at a concentration below the provided threshold value.

b. No threshold value was identified for 1,1-dichloroethane, however due to the molecular similarities between this compounds and 1,2-dichloroethane, the threshold value for 1,2-dichloroethane is used for reference purposes

No threshold value has been provided for parameters not identified in the sources listed above
"____" = One half of the laboratory detection limit "DL"

TABLE 1 BACKGROUND WELL HISTORICAL RESULTS CONSTITUENTS FOR DETECTION MONITORING MONITORING WELL OW-9 Concentration (Expressed in same units as Threshold Value)

| Parameter | Threshold Value | Jun-20 | Mar-20 | Dec-19 | <u>Jun-19</u> | Mar-19 | Dec-18 | Sep-18 | Jun-18 | Mar-18 | Dec-17 | Sep-17 | Jun-17 | Mar-17 | Dec-16 | Sep-16 | <u>Jun-16</u> | Mar-16 | Dec-15 | Sep-15 | Jun-15 | Mar-15 |
|----------------------------------|--------------------------|--------|--------|--------|---------------|--------|--------|--------|--------|--------|---------|------------|--------|--------|--------------|--------|---------------|--------|--------|-------------|--------|--------|
| Metals | | | | | | | | | | | | | | | | | | | | | | |
| Antimony | 0.006 mg/L1 | ND | ND | ND | ND | 0.0001 | ND | NT | ND | ND | 0.0290 | NT | NT | ND | ND | NT | NT | ND | ND | NT | NT | ND |
| Arsenic | 0.010 mg/L1 | ND | 0.0002 | 0.0001 | ND | 0.0001 | ND | NT | ND | ND | ND | NT | NT | 0.0030 | ND | NT | NT | ND | ND | NT | NT | ND |
| Barium | 2 mg/L1 | 0.005 | 0.023 | 0.011 | 0.0060 | 0.0060 | 0.0320 | NT | 0.0090 | 0.0130 | 0.0410 | NT | NT | 0.0100 | 0.0060 | NT | NT | 0.0110 | 0.0110 | NT | NT | 0.0070 |
| Beryllium | 0.004 mg/L ¹ | ND | ND | ND | 0.0001 | 0.0003 | ND | NT | ND | ND | ND | NT | NT | ND | ND | NT | NT | ND | ND | NT | NT | ND |
| Cadmium | 0.005 mg/L ¹ | 0.0002 | 0.0001 | 0.0002 | 0.0001 | 0.0001 | ND | NT | ND | 0.0020 | 0.3650 | NT | NT | ND | ND | NT | NT | 0.0010 | ND | NT | NT | ND |
| Chromium | 0.1 mg/L ¹ | 0.0017 | 0.0036 | 0.002 | 0.0019 | 0.0019 | 0.013 | NT | 0.003 | 0.0070 | 0.0300 | NT | NT | 0.0040 | ND | NT | NT | 0.0050 | 0.0070 | NT | NT | 0.0060 |
| Cobalt | 0.73 mg/L⁵ | 0.0002 | 0.0008 | 0.0004 | ND | 0.0003 | 0.0030 | NT | ND | 0.0010 | 0.0020 | NT | NT | ND | ND | NT | NT | ND | ND | NT | NT | ND |
| Copper | 1.3 mg/L ¹ | ND | 0.001 | ND | ND | ND | 0.0080 | NI | ND | ND | 0.0600 | NI | NI | ND | ND | NI | NI | 0.0020 | ND | NI | NI | 0.0020 |
| Lead | 0.015 mg/L' | 0.0013 | 0.003 | 0.0031 | 0.0004 | 0.0007 | 0.004 | NI | 0.001 | 0.0020 | 0.1820 | NI | NI | 0.0020 | 0.0060 | NI | NI | ND | 0.0050 | NI | NI | 0.0010 |
| Mercury | 0.002 mg/L' | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NI | NI | ND | ND | NI | NI | ND | ND | NI | NI | ND |
| NICKEI | 0.1 mg/L* | ND | 0.002 | 0.001 | ND | 0.0010 | 0.006 | NT | 0.001 | 0.0040 | 0.0240 | IN I NT | NT | 0.0040 | ND 0.0100 | NT | NI | 0.0030 | 0.0030 | IN I NIT | NT | 0.0170 |
| Silver | 0.05 mg/L | ND | ND | ND | ND | 0.0005 | ND | NT | ND | ND | ND | NT | NT | ND | 0.0100 | NT | NT | ND | ND | NT | NT | ND |
| Thallium | 0.002 mg/L1 | ND | ND | ND | ND | 0.0005 | ND | NT | ND | ND | ND | NT | NT | ND | ND | NT | NT | ND | ND | NT | NT | ND |
| Tin | 22 mg/L ⁵ | ND | 0.037 | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | ND | NT | NT | ND | ND | NT | NT | ND |
| Vanadium | 0.26 mg/L ⁵ | ND | 0.0011 | 0.0005 | ND | ND | 0.0080 | NT | ND | 0.0020 | ND | NT | NT | ND | ND | NT | NT | 0.0010 | 0.0020 | NT | NT | ND |
| Zinc | 2 mg/L ² ·3 | 0.002 | 0.01 | 0.0000 | 0.0030 | 0.0030 | 0.0250 | NT | 0.0090 | 0.0020 | 11 1000 | NT | NT | 0.0070 | ND | NT | NT | 0.0010 | 0.0020 | NT | NT | ND |
| Volatile Organic Compounds | = mg/L | 0.002 | 0.01 | 0.001 | 0.0000 | 0.0000 | 0.0200 | | 0.0000 | 0.0100 | | | | 0.0010 | | | | 0.0100 | 0.0000 | | | 110 |
| 1 1 1 2-Tetrachloroethane | 70 µa/L² | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1 1 1-Trichloroethane | 200 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1.1.2.2-Tetrachloroethane | 0.2 µg/L ² | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1.1.2-Trichloroethane | 5 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1.1-Dichloroethane | 5 µg/Lb | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1,1-Dichloroethylene | 7 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1,2,3-Trichloropropane | 0.03 µg/L7 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1,2-Dibromo-3-chloropropane | 0.2 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1,2-Dibromoethane | 0.05 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1,2-Dichlorobenzene | 600 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1,2-Dichloroethane | 5 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1,2-Dichloropropane | 5 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 1,4-Dichlorobenzene | 75 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| 4-Methyl-2-pentanone | µg/L | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NI | NI | ND | NI | NI | NT | ND | ND | NI | NI | ND |
| Acetone | 610 µg/L° | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NI | NI | ND | NI | NI | NI | ND | ND | NI | NI | ND |
| Acrylonitrile | 0.039 µg/L* | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NI | NI | ND | NI | NI | NI | ND | ND | NI | NI | ND |
| Benzene | 5 µg/L | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Bromochloromethane | 90 µg/L- | ND | ND | ND | ND | ND | ND | NT | ND | | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | |
| Bromoform | 80 µg/L | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Bromomethane | 10 µg/L ² | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Carbon disulfide | 1000 µg/L ⁵ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Carbon tetrachloride | 5 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Chlorobenzene | 100 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Chlorodibromomethane | 80 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Chloroethane | 4.6 µg/L⁵ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Chloroform | 80 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Chloromethane | 3 µg/L² | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| cis-1,2-Dichloroethylene | 70 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| cis-1,3-Dichloropropene | 0.27 ug/L ^{e a} | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Dibromomethane | 61 µg/L⁵ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Ethylbenzene | 700 µg/L1 | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NI | NI | ND | NI | NI | NI | ND | ND | NI | NI | ND |
| Methyl butyl ketone (2-Hexanone) | 160 µg/L° | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NI | NI | ND | NI | NI | NI | ND | ND | NI | NI | ND |
| Methyl ethyl ketone (2-Butanone) | 4000 µg/L- | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Methyl test hutul other (MTRE) | 20 40 µg/L | ND | ND | ND | ND | ND | ND | NT | ND | | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | |
| Methylene chloride | 5 µg/L ¹ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Styrene | 100 µg/L ¹ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Tetrachloroethylene (PCE) | 5 µg/L ¹ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Toluene | 1000 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Trans-1.2-Dichloroethylene | 100 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| trans-1.3-Dichloropropene | 0.27 un/l & a | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| trans-1,4-Dichloro-2-butene | µg/L | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Trichloroethylene (TCE) | 5 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Trichlorofluoromethane | 2000 µg/L ² | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Vinyl acetate | 410 µg/L⁵ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Vinyl chloride | 2 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |
| Xylenes | 10000 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | NT | ND | NT | NT | NT | ND | ND | NT | NT | ND |

= Concentration exceeds the specified Threshold Value

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories 2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

3. Threshold value given is the Secondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

4. Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

5. Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update

6. Threshold value given is derived from the EPA's National Recommended Water Quality Criteria for Human Health for the consumption of water and organisms, amended 2015.

7. Threshold value given is derived from the EPA's Unregulated Contaminant Monitoring Rule's minimum reporting levels.

a. The Threshold value given for these compounds is the threshold value for a mixture of isomers. For example, cis- and trans-1,3-dichloropropylene were not identified as having individual threshold values, however 1,3-dichloropropylene was identified as having a numerical value under the National Recommended Water Quality Criteria for Human Health for consumption of water and organisms. As such, the value for total 1,3-dichloropropylene was used as the threshold value for the cis- and trans-isomers. The total of the two (2) isomers should not exceed this value even if each individual isomer is present at a concentration below the provided threshold value.

b. No threshold value was identified for 1,1-dichloroethane, however due to the molecular similarities between this compounds and 1,2-dichloroethane, the threshold value for 1,2-dichloroethane is used for reference purposes.

No threshold value has been provided for parameters not identified in the sources listed above = One half of the laboratory detection limit "DL"

TABLE 1 BACKGROUND WELL HISTORICAL RESULTS CONSTITUENTS FOR DETECTION MONITORING MONITORING WELL OW-12 Concentration (Expressed in same units as Threshold Value)

| Parameter | Threshold Value | <u>Jun-20</u> | <u>Mar-20</u> | Dec-19 | <u>Jun-19</u> | Mar-19 | Dec-18 | Sep-18 | <u>Jun-18</u> | Mar-18 | Dec-17 | Sep-17 | Jun-17 | <u>Mar-17</u> | Dec-16 | Sep-16 | <u>Jun-16</u> | Mar-16 | Dec-15 | Sep-15 | <u>Jun-15</u> | Mar-15 |
|----------------------------------|--------------------------|---------------|---------------|--------|---------------|--------|--------|--------|---------------|--------|--------|--------|--------|---------------|--------|--------|---------------|--------|--------|--------|---------------|--------|
| Metals | | | | | | | | | | | | | | | | | | | | | | |
| Antimony | 0.006 mg/L1 | ND | ND | ND | ND | ND | ND | ND | 0.001 | ND | 0.0210 | ND | 0.0010 | 0.0250 | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic | 0.010 mg/L1 | ND | ND | ND | ND | ND | ND | ND | 0.01 | ND | 0.0050 | ND | 0.0090 | ND | ND | ND | 0.0060 | ND | ND | ND | ND | ND |
| Barium | 2 mg/L1 | 0.024 | 0.024 | 0.023 | 0.024 | 0.02 | 0.02 | 0.023 | 0.02 | 0.0170 | 0.0240 | 0.0260 | 0.0240 | 0.0410 | 0.0260 | 0.0670 | 0.0360 | 0.0200 | 0.0260 | 0.0250 | 0.0190 | 0.0600 |
| Beryllium | 0.004 mg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0010 | ND | ND | ND | ND | ND |
| Cadmium | 0.005 mg/L1 | 0.0018 | 0.0005 | 0.0004 | 0.0004 | 0.0004 | ND | ND | ND | ND | ND | ND | ND | 0.0010 | ND | ND | ND | ND | ND | ND | ND | ND |
| Chromium | 0.1 mg/L ¹ | ND | ND | 0.0001 | 0.0001 | ND | ND | 0.002 | ND | ND | ND | 0.0030 | 0.0010 | 0.0040 | ND | 0.0180 | 0.0130 | ND | 0.0020 | ND | ND | ND |
| Cobalt | 0.73 mg/L⁵ | 0.0012 | 0.0011 | 0.001 | 0.0006 | 0.0005 | ND | 0.002 | ND | ND | ND | 0.0020 | ND | 0.0020 | ND | 0.0090 | 0.0080 | ND | ND | ND | ND | ND |
| Copper | 1.3 mg/L ¹ | ND | ND | ND | ND | ND | 0.009 | ND | ND | ND | ND | ND | ND | ND | ND | 0.0200 | 0.0150 | ND | 0.0330 | ND | ND | ND |
| Lead | 0.015 mg/L1 | 0.0015 | 0.0004 | 0.0003 | 0.0003 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0150 | 0.0120 | ND | ND | 0.0020 | ND | 0.0020 |
| Mercury | 0.002 mg/L ¹ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nickel | 0.1 mg/L ² | 0.013 | 0.011 | 0.010 | 0.008 | 0.01 | 0.024 | 0.025 | 0.025 | 0.0200 | 0.0170 | 0.0140 | 0.0090 | 0.0140 | 0.0070 | 0.0220 | 0.0130 | 0.0060 | 0.0080 | 0.0040 | 0.0060 | 0.0040 |
| Selenium | 0.05 mg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0100 | ND | ND | ND | ND |
| Silver | 0.1 ma/L ^{2·3} | ND | ND | ND | ND | 0.003 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Thallium | 0.002 mg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0010 | ND | ND |
| lin | 22 mg/L° | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | ND | ND | ND | ND | 0.0980 | ND | 0.1800 | ND | ND | ND | ND |
| Vanadium | 0.26 mg/L° | ND | ND | ND | ND | ND | ND | 0.001 | ND | ND | ND | 0.0030 | ND | 0.0040 | ND | 0.0200 | 0.0200 | ND | ND | ND | ND | ND |
| | 2 mg/L ^{2·3} | 0.001 | 0.002 | ND | 0.001 | ND | 0.007 | 0.026 | 0.009 | 0.0070 | 0.0060 | 0.0130 | 0.0100 | 0.0220 | ND | 0.0500 | 0.0420 | ND | ND | 0.0050 | 0.0070 | ND |
| Volatile Organic Compounds | | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 70 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-Irichloroethane | 200 µg/L' | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-1 etrachloroethane | 0.2 µg/L ⁴ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-I richloroethane | 5 µg/L' | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethalle | 5 µg/L ⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethylene | 7 µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | ND | ND | ND |
| 1,2,3- Inchioropropane | 0.03 µg/L | ND | | | | | ND | ND | ND | ND | | ND | | ND | | ND | ND | ND | | ND | | ND |
| 1.2 Dibromosthano | 0.2 µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1.2 Dichlorobonzono | 600 µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1.2-Dichloroethane | 5 µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1.2-Dichloropropage | 5 µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1 4-Dichlorobenzene | 75 µg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone | ua/l | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 610 µg/L ^s | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acrylonitrile | 0.039 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromochloromethane | 90 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 80 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 80 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 10 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 1000 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 100 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorodibromomethane | 80 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 4.6 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 80 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 3 µg/L² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethylene | 70 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 0.27 ug/L ^{e.a} | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromomethane | 61 µg/L° | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 700 µg/L' | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl ethyl ketere (2 Puterene) | 100 µg/L- | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl iedide | 4000 µg/L- | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert butul other (MTRE) | µg/∟ 20_40_µg/L4 | ND | | | | ND | ND | ND | | ND | | ND | | ND | | ND | ND | ND | | ND | | ND |
| Methylone chloride | 20 = 40 µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 100 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethylene (PCE) | 5 µg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluene | 1000 µg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trans-1 2-Dichloroethylene | 100 µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1.3-Dichloropropene | 0.27 ug/L 6- a | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1.4-Dichloro-2-butene | ug/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethylene (TCE) | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 2000 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl acetate | 410 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 2 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Xvlenes | 10000 µg/l 1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

= Concentration exceeds the specified Threshold Value

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

3. Threshold value given is the Secondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

4. Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

5. Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update

6. Threshold value given is derived from the EPA's National Recommended Water Quality Criteria for Human Health for the consumption of water and organisms, amended 2015. 7. Threshold value given is derived from the EPA's Unregulated Contaminant Monitoring Rule's minimum reporting levels.

a. The Threshold value given for these compounds is the threshold value for a mixture of isomers. For example, cis- and trans-1,3-dichloropropylene were not identified as having individual threshold values, however 1,3-dichloropropylene was identified as having a numerical value under the National Recommended Water Quality Criteria for Human Health for consumption of water and organisms. As such, the value for total 1,3-dichloropropylene was used as the threshold value for the cis- and trans- isomers. The total of the two (2) isomers should not exceed this value even if each individual isomer is present at a concentration below the provided threshold value.

b. No threshold value was identified for 1,1-dichloroethane, however due to the molecular similarities between this compounds and 1,2-dichloroethane, the threshold value for 1,2-dichloroethane is used for reference purposes.

No threshold value has been provided for parameters not identified in the sources listed above "____" = One half of the laboratory detection limit "DL" NT = Not Tested due to dry conditions at well.

TABLE 1 SUMMARY OF GROUNDWATER MONITORING RESULTS CONSTITUENTS FOR DETECTION MONITORING MONITORING WELL OW-13 Concentration (Expressed in same units as Threshold Value)

| Parameter | Threshold Value | <u>Jun-20</u> | Mar-20 | Dec-19 | <u>Jun-19</u> | Mar-19 | Dec-18 | Sep-18 | Jun-18 | Mar-18 | Dec-17 | Sep-17 | Jun-17 | Mar-17 | Dec-16 | Sep-16 | Jun-16 | Mar-16 | Dec-15 | Sep-15 | Jun-15 | Mar-15 |
|----------------------------------|--------------------------|---------------|--------------|------------|---------------|-----------|------------|--------|------------|--------------|--------------|--------------|------------|-----------|--------|--------|-----------|-----------|-----------|--------------|-----------|-----------|
| Metals | | | | | | | | | | | | | | | | | | | | | | |
| Antimony | 0.006 mg/L1 | 0.0003 | 0.0001 | ND | ND | ND | 0.002 | 0.002 | 0.002 | ND | 0.0360 | ND | 0.0020 | 0.0080 | ND | 0.0110 | ND | ND | ND | ND | ND | ND |
| Arsenic | 0.010 mg/L1 | 0.0057 | 0.0065 | 0.0104 | 0.0069 | 0.0081 | 0.01 | 0.01 | 0.02 | 0.0070 | ND | 0.0050 | 0.0200 | ND | ND | 0.0100 | ND | 0.0190 | 0.0100 | 0.0110 | 0.0070 | 0.0040 |
| Barium | 2 mg/L ¹ | 0.134 | 0.139 | 0.122 | 0.096 | 0.118 | 0.126 | 0.089 | 0.089 | 0.1150 | 0.0970 | 0.0460 | 0.0860 | 0.1080 | 0.0990 | 0.1830 | 0.0890 | 0.1700 | 0.0910 | 0.0870 | 0.0900 | 0.0890 |
| Codmium | 0.004 mg/L ¹ | 0.0001 | ND 0.0005 | 0.0008 | 0.0007 | 0.0004 | ND | 0.003 | 0.004 | 0.0040 | ND | 0.0020 | 0.0020 | ND | | 0.0200 | | 0.0050 | 0.0040 | 0.0040 | ND | ND |
| Chromium | 0.003 mg/L | 0.0033 | 0.0005 | 0.0008 | 0.0007 | 0.0004 | 0.004 | 0.003 | 0.004 | 0.0040 | 0.0010 | 0.0020 ND | 0.0030 | 0.0030 | ND | 0.0230 | 0.0050 | ND | 0.0040 | 0.0040 ND | ND | ND |
| Cobalt | 0.73 mg/L ⁵ | 0.0049 | 0.0099 | 0.0105 | 0.0111 | 0.0112 | 0.013 | 0.01 | 0.011 | 0.0130 | 0.0120 | 0.0070 | 0.0120 | 0.0140 | 0.0140 | 0.0280 | 0.0130 | 0.0150 | 0.0130 | 0.0120 | 0.0140 | 0.0160 |
| Copper | 1.3 mg/L ¹ | 0.018 | 0.005 | 0.004 | 0.003 | 0.004 | ND | ND | ND | ND | ND | ND | 0.0100 | ND | ND | 0.0900 | ND | 0.0060 | ND | 0.0020 | ND | 0.0050 |
| Lead | 0.015 mg/L1 | 0.0077 | 0.0016 | 0.0007 | 0.0005 | 0.0008 | 0.002 | ND | ND | 0.0020 | ND | ND | 0.0010 | ND | 0.0070 | 0.0350 | 0.0190 | ND | ND | 0.0020 | 0.0030 | 0.0030 |
| Mercury | 0.002 mg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nickel | 0.1 mg/L ² | 0.006 | 0.009 | 0.01 | 0.011 | 0.011 | 0.014 | 0.012 | 0.011 | 0.0120 | 0.0290 | 0.0060 | 0.0120 | 0.0350 | 0.0140 | 0.0465 | 0.0130 | 0.0130 | 0.0120 | 0.0120 | 0.0130 | 0.0130 |
| Selenium | 0.05 mg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0390 | ND | ND | ND | 0.0800 |
| Silver | 0.1 mg/L ²⁻³ | ND 0.0001 | ND | ND | ND | ND | 0.001 | ND | ND | ND | ND 0.0002 | 0.0020 | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0020 |
| Tin | 22 mg/L ⁵ | 0.0001 | 0.000 | ND | ND | ND | ND | NT | ND | 0.0003 ND | 0.0003 ND | ND | ND | ND | | 0.2800 | 0 1100 | ND | 0.0120 | ND | ND | 0.0010 |
| Vanadium | 0.26 mg/L ⁵ | 0.0011 | ND | ND | ND | ND | 0.008 | 0.004 | ND | ND | 0.0020 | ND | ND | ND | 0.0060 | 0.0390 | 0.0030 | ND | ND | ND | ND | ND |
| Zinc | 2 mg/L ²⁻³ | 0.009 | 0.017 | 0.009 | 0.007 | 0.005 | 0.019 | 0.01 | 0.012 | 0.0170 | 0.0070 | 0.0070 | 0.0200 | 0.0170 | ND | 0.1300 | 0.0130 | 0.0060 | ND | 0.0070 | ND | ND |
| Volatile Organic Compounds | ingre | | | | | | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 70 µg/L² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 200 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 0.2 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Irichloroethane | 5 µg/L' | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethylopo | 5 µg/L ⁰ | ND | ND | ND | ND | | ND | ND | ND | ND | ND | ND | ND | ND | ND | | | ND | ND | ND | ND | ND |
| 1,1-Dicilioroethylene | 0.03. µg/L ⁻ | ND | ND | ND | ND | | ND | ND | ND | ND | ND | ND | ND | ND | | | ND | ND | ND | ND | ND | ND |
| 1.2-Dibromo-3-chloropropane | 0.2 µg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 0.05 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 600 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.07 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 75 µg/L1 | ND | 1 | 1.13 | ND | ND | 1.31 | ND | ND | ND | ND | 1.11 | ND | ND | ND | ND | ND | ND | ND | 1.4 | 1.2 | 1.3 |
| 4-Methyl-2-pentanone | µg/L 610. ug/l 5 | ND | ND | ND | 16.99 | | ND | ND | ND | ND | ND | ND | ND | ND | ND | | ND | ND | ND | ND | ND | ND |
| Acrylonitrile | 0.039 µg/L* | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromochloromethane | 90 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 80 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 80 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 10 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 1000 µg/L* | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon tetrachioride | 5 µg/L1 | ND | ND 5 | ND 5.21 | ND 4.1 | ND 5.0 | ND 6.10 | ND | ND 4 72 | ND 5.40 | ND | ND 5.22 | ND 5.02 | ND 6.9 | ND | ND 5.5 | 2.5 | ND 6.6 | 7.4 | ND 6.3 | ND 6.1 | ND 7.4 |
| Chlorodibromomethane | 80 µg/L | ND | ND | ND | ND | ND | ND | ND | 4.72 ND | ND | ND | ND | 0.00 ND | ND | ND | ND | 2.5 ND | ND | 7.4 ND | ND | ND | ND |
| Chloroethane | 4.6 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 80 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 3 µg/L² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethylene | 70 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 0.27 ug/L ^{6.a} | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 61 μg/L° 700 μg/L1 | ND | ND | ND | ND | | ND | ND | ND | ND | ND | | | ND | | | ND | | | ND | ND | ND |
| Methyl butyl ketone (2-Hexanone) | 160 µg/L 160 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl ethyl ketone (2-Butanone) | 4000 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl iodide | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert-butyl ether (MTBE) | 20 - 40 µg/L⁴ | 3 | 4 | 3.35 | 3.3 | 3.4 | 3.99 | ND | 3.26 | ND | ND | 3.70 | 3.53 | 6.1 | ND | 3.6 | 2.6 | 4.1 | 4.9 | 3.2 | 5.2 | 4.5 |
| Methylene chloride | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 100 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Tetrachioroethylene (PCE) | 5 µg/L' | ND | ND | ND | ND | | ND | ND | | ND | ND | ND | ND | ND | ND | | | ND | ND | ND | ND | ND |
| Trans-1 2-Dichloroethylene | 100 µg/L | ND | | | | | ND | ND | | | ND | ND | | | | | | ND | | ND | | |
| trans-1.3-Dichloropropene | 0.27 µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,4-Dichloro-2-butene | μg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethylene (TCE) | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 2000 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl acetate | 410 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 2 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Ayienes | 10000 µg/L' | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

= Concentration exceeds the specified Threshold Value

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

3. Threshold value given is the Secondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

4. Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

5. Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update

6. Threshold value given is derived from the EPA's National Recommended Water Quality Criteria for Human Health for the consumption of water and organisms, amended 2015.

7. Threshold value given is derived from the EPA's Unregulated Contaminant Monitoring Rule's minimum reporting levels.

a. The Threshold value given for these compounds is the threshold value for a mixture of isomers. For example, cis- and trans-1,3-dichloropropylene were not identified as having individual threshold values, however 1,3-dichloropropylene was identified as having a numerical value under the National Recommended Water Quality Criteria for Human Health for consumption of water and organisms. As such, the value for total 1,3-dichloropropylene was used as the threshold value for the cis- and trans-isomers. The total of the two (2) isomers should not exceed this value even if each individual isomer is present at a concentration below the provided lue.

b. No threshold value was identified for 1,1-dichloroethane, however due to the molecular similarities between this compounds and 1,2-dichloroethane, the threshold value for 1,2-dichloroethane is used for reference purposes.

No threshold value has been provided for parameters not identified in the sources listed above

_____" = One half of the laboratory detection limit "DL"

TABLE 1 SUMMARY OF GROUNDWATER MONITORING RESULTS CONSTITUENTS FOR DETECTION MONITORING MONITORING WELL OW-14 Concentration (Expressed in same units as Threshold Value)

| Baramotor | Threshold Value | lun-20 | Mar-20 | Dec-10 | lun-19 | Mar-10 | Dec-18 | Sen-18 | lun-18 | Mar-18 | Dec-17 | Sen-17 | lun-17 | Mar-17 | Dec-16 | Sen-16 | lun-16 | Mar-16 | Dec-15 | Sen-15 | lun-15 | Mar-15 |
|----------------------------------|--------------------------|---------|----------|--------|---------------|----------------|--------|--------|---------|----------|--------|--------|--------------|--------------|--------|------------|---------|----------|--------|--------|---------|----------|
| Matala | <u>Interneta value</u> | 0011-20 | 10101-20 | 000-10 | <u>oun-10</u> | <u>IMAI-15</u> | 000-10 | 000-10 | 0011-10 | 11111-10 | 000-11 | 000-11 | <u>oun-n</u> | 11101-17 | 000-10 | 000-10 | 0011-10 | 11101-10 | 000-10 | 000-10 | 0011-10 | 11101-10 |
| Antimony | 0.006 mg/l 1 | 0.0002 | 0.0004 | 0.0000 | 0.0001 | 0.0001 | 0.005 | NT | ND | ND | 0.0250 | NT | 0.0050 | 0.0440 | ND | NT | ND | ND | ND | ND | NT | ND |
| Anumony | 0.000 mg/L1 | 0.0002 | 0.0004 | 0.0002 | 0.0001 | 0.0001 | 0.005 | NT | 0.01 | | 0.0350 | NT | 0.0050 | 0.0410 | | NT | | 0.0070 | 0.0050 | 0.0050 | NT | |
| Barium | 2 mg/L1 | 0.0010 | 0.0013 | 0.0004 | 0.0030 | 0.0010 | 0.21 | NT | 0.155 | 0.2240 | 0.0030 | NT | 0.0200 | 0.0120 | 0.2200 | NT | 0 1290 | 0.0070 | 0.0000 | 0.0000 | NT | 0.2020 |
| Bendlium | 0.004 mg/L ¹ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | 0.2400 | 0.2430 ND | ND | NT | 0.1000 | 0.0010 | ND | 0.0010 | NT | ND |
| Cadmium | 0.005 mg/L ¹ | ND | ND | 0.0002 | ND | ND | 0.0020 | NT | 0.006 | 0.0050 | ND | NT | 0.0050 | 0.0060 | ND | NT | ND | 0.0070 | 0.0080 | 0.0060 | NT | ND |
| Chromium | 0.1 mg/L ¹ | 0.0007 | 0.0005 | 0.0003 | 0.0006 | 0.0007 | ND | NT | 0.001 | 0.0060 | 0.0020 | NT | 0.0010 | 0.0020 | ND | NT | 0.0110 | 0.0030 | 0.0030 | 0.0170 | NT | 0.0050 |
| Cobalt | 0.73 ma/L ^s | 0.0022 | 0.0064 | 0.0036 | 0.0058 | 0.0059 | 0.011 | NT | 0.006 | 0.0140 | 0.0090 | NT | 0.0140 | 0.0130 | 0.0360 | NT | 0.0100 | 0.0100 | 0.0100 | 0.0120 | NT | 0.0170 |
| Copper | 1.3 mg/L ¹ | 0.002 | ND | 0.002 | ND | ND | 0.007 | NT | ND | 0.0090 | ND | NT | 0.0100 | ND | 0.0200 | NT | 0.0010 | 0.0010 | ND | 0.0170 | NT | 0.0100 |
| Lead | 0.015 mg/L1 | 0.004 | 0.0003 | 0.0014 | 0.0002 | 0.001 | ND | NT | ND | 0.0060 | ND | NT | 0.0170 | ND | ND | NT | 0.0160 | 0.0070 | ND | 0.0090 | NT | 0.0050 |
| Mercury | 0.002 mg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Nickel | 0.1 mg/L ² | 0.005 | 0.012 | 0.007 | 0.011 | 0.011 | 0.019 | NT | 0.012 | 0.0220 | 0.0320 | NT | 0.0220 | 0.0470 | 0.0400 | NT | 0.0160 | 0.0160 | 0.0170 | 0.0200 | NT | 0.0270 |
| Selenium | 0.05 mg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | 0.0350 |
| Silver | 0.1 ma/L ²⁻³ | ND | ND | ND | ND | 0.0002 | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | 0.0040 | NT | 0.0020 |
| Thallium | 0.002 mg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | 0.0003 | 0.0003 | NT | ND | ND | ND | NT | ND | ND | ND | 0.0010 | NT | ND |
| Tin | 22 mg/L⁵ | ND | 0.055 | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | 0.0350 | ND | 0.0070 | 0.0010 | NT | ND |
| Vanadium | 0.26 mg/L⁵ | 0.0009 | 0.0005 | ND | 0.0006 | 0.0007 | 0.004 | NT | ND | 0.0070 | 0.0030 | NT | 0.0070 | ND | ND | NT | 0.0170 | ND | ND | 0.0140 | NT | 0.0080 |
| Zinc | 2 ma/L ^{2·3} | 0.002 | 0.003 | 0.004 | 0.005 | 0.004 | 0.014 | NT | 0.031 | 0.0480 | 0.0160 | NT | 0.0600 | 0.0230 | 0.0300 | NT | 0.0280 | 0.0170 | 0.0140 | 0.0680 | NT | 0.0240 |
| Volatile Organic Compounds | | _ | | | | | | | | | | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 70 µg/L² | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| 1,1,1-Trichloroethane | 200 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| 1,1,2,2-Tetrachloroethane | 0.2 µg/L ² | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| 1,1,2-Irichloroethane | 5 µg/L1 | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NT | ND | ND | ND | NI | ND | ND | ND | ND | NI | ND |
| 1,1-Dichloroethane | 5 µg/L ^b | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NT | ND | ND | ND | NI | ND | ND | ND | ND | NI | ND |
| 1,1-Dichloroethylene | 7 µg/L' | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NI | ND | ND | ND | NI | ND | ND | ND | ND | NI | ND |
| 1,2,3-Trichloropropane | 0.03 µg/L' | ND | ND | ND | ND | ND | ND | NT | ND | | | NT | ND | ND | ND | IN I NT | ND | | ND | ND | NT | ND |
| 1.2 Dibromosthono | 0.2 µg/L | ND | ND | ND | ND | ND | | NT | ND | | ND | NT | ND | ND | ND | NT | ND | | ND | ND | NT | ND |
| 1,2-Diblomoethane | 600 µg/L1 | ND | ND | ND | | ND | | NT | | | | NT | | | ND | NT | | | | ND | NT | |
| 1.2-Dichloroethane | 5 µg/L ¹ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| 1 2-Dichloropropane | 5 µg/L ¹ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| 1.4-Dichlorobenzene | 75 µg/L1 | 2 | 2 | 2.02 | 2.04 | 2.1 | 2.38 | NT | 2.62 | ND | ND | NT | ND | ND | ND | NT | 1.8 | ND | ND | 2.2 | NT | 3.3 |
| 4-Methyl-2-pentanone | ua/L | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Acetone | 610 µa/L ⁵ | ND | 6 | ND | 20.96 | ND | ND | NT | ND | ND | ND | NT | ND | 6.9 | ND | NT | ND | ND | ND | ND | NT | ND |
| Acrylonitrile | 0.039 µg/L⁵ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Benzene | 5 µg/L1 | 3 | 2 | 1.56 | 2.24 | 2.1 | 2.28 | NT | 2.77 | ND | ND | NT | 3.2 | 4.1 | ND | NT | 2.7 | 3.1 | 3.9 | 2.0 | NT | 3.5 |
| Bromochloromethane | 90 µg/L ² | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Bromodichloromethane | 80 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Bromoform | 80 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Bromomethane | 10 µg/L ² | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Carbon disulfide | 1000 µg/L⁵ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Carbon tetrachloride | 5 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Chlorobenzene | 100 µg/L1 | 12 | 10 | 8.85 | 10.74 | 10.8 | 11.38 | NI | 13.3 | 10.8 | ND | NT | 13.42 | 15.6 | ND | NI | 12.5 | 13.5 | 15.4 | 10.7 | NI | 16.7 |
| Chlorodibromomethane | 80 µg/L1 | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NT | ND | ND | ND | NI | ND | ND | ND | ND | NI | ND |
| Chloroethane | 4.6 µg/L* | ND | 1 ND | ND | ND | ND | ND | NI | ND | ND | ND | NI | 2.27 | ND | ND | INT | 3.3 | ND | 2.0 | 1.5 | NI | ND |
| Chloromothana | 3 µg/L ² | ND | ND | ND | | ND | | NT | | | | NT | | ND | ND | NT | | | ND | ND | NT | |
| cis-1 2-Dichloroethylene | 70 µg/L | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| cis-1 3-Dichloropropene | 0.27 µg/L® 8 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Dibromomethane | 61 µg/L ^s | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Ethylbenzene | 700 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Methyl butyl ketone (2-Hexanone) | 160 µg/L⁵ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Methyl ethyl ketone (2-Butanone) | 4000 µg/L ² | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Methyl iodide | µg/L | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Methyl tert-butyl ether (MTBE) | 20 - 40 µg/L4 | 6 | 6 | 5.4 | 5.07 | 5.0 | 7.97 | NT | 6.23 | 9.4 | ND | NT | 7.08 | 16.5 | ND | NT | 6.7 | 7.7 | 12.3 | 6.9 | NT | 11.2 |
| Methylene chloride | 5 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Styrene | 100 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Tetrachloroethylene (PCE) | 5 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Toluene | 1000 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Irans-1,2-Dichloroethylene | 100 µg/L1 | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| trans-1,3-Dichloropropene | 0.27 µg/L ^{e-a} | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NI | ND |
| trans-1,4-Dichloro-2-butene | µg/L | ND | ND | ND | ND | ND | ND | NI | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |
| Trichlorofluoromothere | 5 µg/L. | ND | | | | | | N I | | | | NI | | | | NT | | | | | NI | |
| Vinul acetate | 2000 µg/L* | ND | | | | | | NT | | | | NT | | | | NT | | | | | NT | |
| Vinyl chloride | 410 µg/L ² | ND | | ND | | | | NT | | | | NT | | | | NT | | | | | NT | |
| Xvlenes | 10000 µg/L ¹ | ND | ND | ND | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | NT | ND | ND | ND | ND | NT | ND |

= Concentration exceeds the specified Threshold Value

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

3. Threshold value given is the Secondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

4. Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

5. Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update

6. Threshold value given is derived from the EPA's National Recommended Water Quality Criteria for Human Health for the consumption of water and organisms, amended 2015.

7. Threshold value given is derived from the EPA's Unregulated Contaminant Monitoring Rule's minimum reporting levels.

a. The Threshold value given for these compounds is the threshold value for a mixture of isomers. For example, cis- and trans-1,3-dichloropropylene were not identified as having individual threshold values, however 1,3-dichloropropylene was identified as having a numerical value under the National Recommended Water Quality Criteria for Human Health for consumption of water and organisms. As such, the value for total 1,3-dichloropropylene was used as the threshold value of its one is one is one is one is one trans-isomers. The total of the two (2) isomers should not exceed this value even if each individual isomer is present at a concentration below the provided threshold value.

b. No threshold value was identified for 1,1-dichloroethane, however due to the molecular similarities between this compounds and 1,2-dichloroethane, the threshold value for 1,2-dichloroethane is used for reference purposes.

No threshold value has been provided for parameters not identified in the sources listed above

"____" = One half of the laboratory detection limit "DL"

TABLE 1 SUMMARY OF GROUNDWATER MONITORING RESULTS CONSTITUENTS FOR DETECTION MONITORING MONITORING WELL OW-15 Concentration (Expressed in same units as Threshold Value)

| Parameter | Threshold Value | Jun-20 | Mar-20 | Dec-19 | Jun-19 | Mar-19 | Dec-18 | Sep-18 | Jun-18 | Mar-18 | Dec-17 | Sep-17 | Jun-17 | Mar-17 | Dec-16 | Sep-16 | Jun-16 | Mar-16 | Dec-15 | Sep-15 | Jun-15 | Mar-15 |
|----------------------------------|-------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--------------|--------|--------------|--------|--------|--------------|--------|--------------|--------------|--------------|--------|--------|--------|--------------|--------------|
| Metals | | | | | | | | | | | | | | | | | | | | | | |
| Antimony | 0.006 ma/L ¹ | ND | 0.0001 | ND | ND | ND | 0.0040 | 0.0040 | ND | ND | 0.0300 | ND | 0.0020 | 0.0340 | ND | ND | ND | ND | ND | ND | ND | ND |
| Arsenic | 0.010 mg/L1 | 0.0283 | 0.0066 | 0.0150 | 0.0205 | 0.0352 | 0.0200 | 0.0300 | 0.0300 | 0.0200 | 0.0200 | 0.0300 | 0.0300 | ND | ND | 0.0700 | 0.0130 | 0.0320 | 0.0170 | ND | ND | 0.0160 |
| Barium | 2 mg/L1 | 0.093 | 0.191 | 0.151 | 0.148 | 0.158 | 0.2120 | 0.0840 | 0.0960 | 0.1280 | 0.1240 | 0.0850 | 0.0890 | 0.1230 | 0.1560 | 0.3100 | 0.0600 | 0.1130 | 0.1840 | 0.1390 | 0.2230 | 0.1260 |
| Beryllium | 0.004 mg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | 0.0060 | ND | ND | ND | ND | ND | ND |
| Cadmium | 0.005 mg/L ¹ | ND | ND | ND | ND | ND | 0.0080 | 0.0070 | 0.0100 | 0.0090 | ND | 0.0100 | 0.0050 | 0.0100 | 0.0050 | 0.0460 | ND | 0.0100 | 0.0080 | 0.0070 | ND | ND |
| Chromium | 0.1 mg/L ¹ | 0.0005 | 0.0009 | 0.0010 | 0.0009 | 0.0007 | ND | ND | ND | ND | ND | 0.0030 | ND | 0.0020 | ND | 0.1180 | 0.0020 | 0.0010 | 0.0050 | 0.0020 | 0.0010 | ND |
| Cobalt | 0.73 mg/L ^s | 0.0152 | 0.0035 | 0.0066 | 0.0124 | 0.0126 | 0.0080 | 0.0140 | 0.0120 | 0.0100 | 0.0090 | 0.0180 | 0.0130 | 0.0040 | ND | 0.2300 | 0.0080 | 0.0180 | 0.0070 | 0.0040 | 0.0020 | 0.0120 |
| Copper | 1.3 mg/L ¹ | 0.0000 | 0.0003 | 0.0030 | 0.0003 | 0.0003 | 0.0020 | 0.0020 | ND | 0.0020 | ND | | 0.0020 | ND | ND 0.0050 | 0.1400 | ND 0.0140 | | ND | ND | 0.0040 | 0.0020 |
| Mercury | 0.013 mg/L | 0.0003 ND | 0.0003 ND | 0.0003 ND | 0.0003 ND | 0.0003 ND | 0.0030 ND | 0.0020 ND | ND | 0.0020 ND | ND | ND | 0.0020 ND | ND | 0.0030 | 0.1330 ND | 0.0140 ND | ND | ND | ND | 0.0040 ND | 0.0020 ND |
| Nickel | 0.002 mg/L ² | 0.032 | 0.012 | 0.016 | 0.025 | 0.025 | 0.0170 | 0.0290 | 0.0230 | 0.0200 | 0.0510 | 0.0350 | 0 0240 | 0.0520 | 0.0110 | 0 6610 | 0.0140 | 0.0290 | 0.0170 | 0.0100 | 0.0110 | 0.0180 |
| Selenium | 0.05 mg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0220 |
| Silver | 0.1 mg/L ²⁻³ | ND | ND | ND | ND | 0.0001 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.0030 |
| Thallium | 0.002 mg/L1 | ND | ND | ND | ND | ND | ND | 0.0020 | ND | ND | ND | ND | ND | ND | ND | ND |
| Tin | 22 mg/L⁵ | ND | 0.0150 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 1.0600 | ND | ND | 0.0470 | ND | ND | ND |
| Vanadium | 0.26 mg/L⁵ | 0.0007 | 0.0006 | 0.0006 | 0.0007 | 0.0010 | 0.0150 | 0.0110 | ND | 0.0060 | 0.0040 | 0.0110 | ND | ND | 0.0150 | 0.1560 | 0.0050 | ND | ND | 0.0020 | ND | 0.0040 |
| Zinc | 2 mg/L ^{2·3} | 0.0050 | 0.0030 | 0.0100 | 0.0040 | 0.0030 | 0.0150 | 0.0150 | 0.0320 | 0.0210 | 0.0100 | 0.0300 | 0.0200 | 0.0140 | ND | 0.9700 | ND | 0.0120 | 0.0150 | 0.0080 | ND | ND |
| Volatile Organic Compounds | 70 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1,2-Tetrachioroethane | 70 µg/L* | ND | ND | ND | ND | ND | | | ND | | ND | | ND | ND | | | | | ND | ND | ND | ND |
| 1 1 2 2-Tetrachloroethane | 0.2 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 5 µg/Lb | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethylene | 7 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 0.03 µg/L ⁷ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane | 0.2 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 0.05 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 600 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropage | 5 µg/L' | ND | ND | ND | ND | ND | | ND | ND | ND | ND | | ND | ND | | | | | ND | ND | ND | |
| 1 4-Dichlorobenzene | 75 µg/L | ND | 2 | 2.69 | 2 64 | 2.1 | 3.06 | ND | ND | ND | ND | 2.51 | ND | 16 | ND | ND | 21 | ND | ND | 3.4 | 2.9 | 3.0 |
| 4-Methyl-2-pentanone | 10 µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 610 µg/L⁵ | ND | ND | ND | 19.19 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 5.2 | ND | ND | 6.7 | ND | ND | ND |
| Acrylonitrile | 0.039 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Benzene | 5 µg/L1 | 3 | 1 | 1.9 | 1.94 | 1.5 | 1.76 | ND | 1.67 | ND | ND | 3.59 | 2.83 | ND | ND | 3.4 | 3.2 | 2.1 | 3.2 | 1.7 | 2.0 | 2.8 |
| Bromochloromethane | 90 µg/L ² | ND | ND | ND | ND | ND | ND | 1.0 | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 80 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Bromotorm | 80 µg/L' | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 10 µg/L= | ND | ND | ND | ND | ND | | ND | | | ND | | ND | ND | | | | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 5 µg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 100 µg/L1 | 16 | 15 | 16.99 | 14.4 | 13.2 | 15.49 | 14.0 | 12.72 | 17 | 15.2 | 18.19 | 21.26 | 17.4 | 21.5 | 16.0 | 16.8 | 17.7 | 18.3 | 21.0 | 21.1 | 19.7 |
| Chlorodibromomethane | 80 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 4.6 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | 2.8 | ND | 1.9 | ND | ND | ND |
| Chloroform | 80 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 3 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethylene | 70 µg/L' | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Dibromomethane | 61 ug/L ^{6-a} | ND | ND | ND | ND | ND | | | ND | | ND | ND | ND | ND | | | | ND | ND | ND | ND | ND |
| Ethylbenzene | 700 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl butyl ketone (2-Hexanone) | 160 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl ethyl ketone (2-Butanone) | 4000 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl iodide | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert-butyl ether (MTBE) | 20 - 40 µg/L⁴ | 6 | 6 | 3.67 | 9.38 | 7.5 | 3.69 | 7.0 | 6.61 | ND | 6.3 | 7.52 | 7.69 | 8.5 | ND | 7.9 | 7.9 | 6.8 | 7.8 | 6.7 | 12.2 | 7.1 |
| Methylene chloride | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 100 µg/L' | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Toluepe | 5 µg/L 1000 µg/L | ND | | | | | | | | | | | | | | | | | | | | |
| Trans-1 2-Dichloroethylene | 100 µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1.3-Dichloropropene | 0.27 µg/L % | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| trans-1,4-Dichloro-2-butene | µg/L | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethylene (TCE) | 5 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 2000 µg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl acetate | 410 µg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vinyl chloride | 2 µg/L1 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Xylenes | 10000 µg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |

= Concentration exceeds the specified Threshold Value

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

3. Threshold value given is the Secondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

4. Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

5. Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update

6. Threshold value given is derived from the EPA's National Recommended Water Quality Criteria for Human Health for the consumption of water and organisms, amended 2015.

7. Threshold value given is derived from the EPA's Unregulated Contaminant Monitoring Rule's minimum reporting levels.

a. The Threshold value given for these compounds is the threshold value for a mixture of isomers. For example, cis- and trans-1,3-dichloropropylene were not identified as having individual threshold values, however 1,3-dichloropropylene was identified as having a numerical value under the National Recommended Water Quality Criteria for Human Health for consumption of water and organisms. As such, the value for total 1,3-dichloropropylene was used as the threshold value of the iso isomers. For example, cis- and trans-1,3-dichloropropylene was used as the threshold value for the isomet as the threshold value for the isomet as the threshold value for the isomet as the constraint on the isomet provided threshold value for the isomet. The total 1,3-dichloropropylene was used as the threshold value for the isomet as the threshold value for the isomet as the total of the two (2) isomers should not exceed the individual isomer is present at a concentration below the provided threshold value.

b. No threshold value was identified for 1,1-dichloroethane, however due to the molecular similarities between this compounds and 1,2-dichloroethane, the threshold value for 1,2-dichloroethane is used for reference purposes.

No threshold value has been provided for parameters not identified in the sources listed above

"____" = One half of the laboratory detection limit "DL"

TABLE 1 SUMMARY OF GROUNDWATER MONITORING RESULTS CONSTITUENTS FOR DETECTION MONITORING **MONITORING WELL OW-16**

Concentration (Expressed in same units as Threshold Value)

| Parameter | Threshold Value | Jun-20 | Mar-20 | Dec-19 | Jun-19 | Mar-19 | Dec-18 | Sep-18 | Jun-18 | Mar-18 | Nov-17 |
|----------------------------------|---------------------------|--------|--------|--------|--------|--------|-------------|--------|--------|--------------|--------|
| Metals | | | | | | | | | | | |
| Antimony | 0.006 mg/l ¹ | 0.0002 | ND | NT | ND | ND | ND | ND | 0.002 | ND | ND |
| Arsenic | 0.010 mg/L ¹ | 0.0002 | ND | NT | ND | ND | ND | ND | 0.002 | ND | ND |
| Barium | 2 mg/L ¹ | 0.006 | 0.009 | NT | 0.008 | 0.014 | 0.017 | 0.027 | 0.011 | 0.0190 | 0 1000 |
| Bandlium | 0.004 mg/L ¹ | 0.000 | ND | NT | 0.000 | 0.001 | | 0.027 | | 0.0150 ND | ND |
| Cadmium | 0.004 mg/L | ND | 0.0002 | NT | 0.0002 | 0.0001 | ND | ND | ND | ND | ND |
| Chromium | 0.003 mg/L | 0.0002 | 0.0002 | NT | 0.0002 | 0.0003 | 0.002 | 0.002 | 0.004 | 0.0060 | 0.0050 |
| Cobalt | 0.1 mg/L | 0.0003 | 0.0007 | NT | 0.0000 | 0.0009 | 0.003 | 0.003 | 0.004 | 0.0060 | 0.0050 |
| Copart | 0.75 mg/L ¹ | 0.0000 | 0.0007 | | 0.0009 | 0.0008 | 0.000 | 0.004 | 0.002 | 0.0050 | 0.0050 |
| Copper | 1.5 mg/L ¹ | | ND | | ND | ND | ND | ND | ND | ND | ND |
| Leau | 0.015 mg/L ¹ | 0.0008 | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Niekol | 0.002 mg/L ² | | | | | | ND 0.012 | IN I | | ND 0.0100 | ND |
| NICKEI Ostanium | 0.1 mg/L- | 0.002 | 0.002 | NT | 0.002 | 0.002 | 0.013 | 0.01 | 0.009 | 0.0100 | 0.0100 |
| Selenium | 0.05 mg/L | ND | ND | NI | ND | ND | 0.009 | 0.003 | ND | 0.0100 | 0.0050 |
| Silver | 0.1 mg/L ^{2·3} | 0.0001 | ND | NT | ND | 0.0001 | ND | ND | ND | ND | ND |
| | 0.002 mg/L | ND | ND | NI | ND | ND | ND | ND | ND | 0.0003 | ND |
| lin | 22 mg/L° | ND | ND | NI | ND | ND | ND | NI | ND | ND | ND |
| Vanadium | 0.26 mg/L* | ND | ND | NI | ND | ND | ND | ND | ND | ND | ND |
| Zinc | 2 mg/L ^{2,3} | 0.002 | 0.003 | NI | 0.004 | 0.004 | 0.025 | 0.019 | 0.022 | 0.024 | 0.0210 |
| Volatile Organic Compounds | | | | | | | | | | | |
| 1,1,1,2-Tetrachloroethane | 70 µg/L² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,1,1-Trichloroethane | 200 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2,2-Tetrachloroethane | 0.2 µg/L ² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,1,2-Trichloroethane | 5 μg/L¹ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethane | 5 µg/L ^b | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,1-Dichloroethylene | 7 μg/L¹ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,2,3-Trichloropropane | 0.03 µg/L ⁷ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromo-3-chloropropane | 0.2 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dibromoethane | 0.05 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichlorobenzene | 600 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloroethane | 5 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,2-Dichloropropane | 5 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 1,4-Dichlorobenzene | 75 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| 4-Methyl-2-pentanone | µg/L | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Acetone | 610 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Acrylonitrile | 0.039 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Benzene | 5 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Bromochloromethane | 90 µg/L ² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Bromodichloromethane | 80 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Bromoform | 80 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Bromomethane | 10 µg/L ² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Carbon disulfide | 1000 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Carbon tetrachloride | 5 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Chlorobenzene | 100 µg/L ¹ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Chlorodibromomethane | 80 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Chloroethane | 4.6 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Chloroform | 80 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Chloromethane | 3 µg/L ² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| cis-1,2-Dichloroethylene | 70 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| cis-1,3-Dichloropropene | 0.27 µg/L ^{6, a} | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Dibromomethane | 61 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Ethylbenzene | 700 µg/L ¹ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Methyl butyl ketone (2-Hexanone) | 160 µg/L⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Methyl ethyl ketone (2-Butanone) | 4000 µg/L ² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Methyl iodide | µg/L | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Methyl tert-butyl ether (MTBE) | 20 - 40 µg/L⁴ | 1 | ND | NT | 4.9 | 4.67 | 3.77 | 3.42 | 6.53 | 7.8 | 4.6 |
| Methylene chloride | 5 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Styrene | 100 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Tetrachloroethylene (PCE) | 5 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Toluene | 1000 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Trans-1.2-Dichloroethylene | 100 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| trans-1.3-Dichloropropene | 0.27 µg/L 6, a | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| trans-1,4-Dichloro-2-butene | μα/L | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Trichloroethylene (TCE) | 5 µg/L ¹ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Trichlorofluoromethane | 2000 µg/L ² | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Vinvl acetate | 410 µg/L ⁵ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Vinvl chloride | 2 µg/L ¹ | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |
| Xvlenes | 10000 µg/L1 | ND | ND | NT | ND | ND | ND | ND | ND | ND | ND |

= Concentration exceeds the specified Threshold Value

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

Threshold value given is the Scondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories
 Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories
 Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update
 Threshold value given is derived from the EPA's National Recommended Water Quality Criteria for Human Health for the consumption of water and organisms, amended 2015.

7. Threshold value given is derived from the EPA's Unregulated Contaminant Monitoring Rule's minimum reporting levels.

a. The Threshold value given for these compounds is the threshold value for a mixture of isomers. For example, cis- and trans-1,3-dichloropropylene were not identified as having individual threshold values, however 1,3-dichloropropylene was identified as having a numerical value under the National Recommended Water Quality Criteria for Human Health for consumption of water and organisms. As such, the value for total 1,3-dichloropropylene was used as the threshold value for the cis- and trans- isomers. The total of the two (2) isomers should not exceed this value even if each individual isomer is present at a concentration below the provided threshold value.

b. No threshold value was identified for 1,1-dichloroethane, however due to the molecular similarities between this compounds and 1,2-dichloroethane, the threshold value for 1,2dichloroethane is used for reference purposes.

No threshold value has been provided for parameters not identified in the sources listed above

= One half of the laboratory detection limit "DL" NT = Not Tested due to dry conditions at well.

TABLE 1 SUMMARY OF GROUNDWATER MONITORING RESULTS **APPENDIX A - CONSTITUENTS FOR DETECTION MONITORING** MONITORING WELL OW-17 Concentration (expressed in same units as Threshold Value)

| Parameter | Thresho | old Value | Jun-20 | MAR '20 |
|----------------------------------|---------|----------------------|--------|-------------|
| Metals | | | | |
| Antimony | 0.006 | mg/L ¹ | 0.0001 | 0.0001 |
| Arsenic | 0.010 | mg/L ¹ | 0.0002 | 0.0002 |
| Barium | 2 | mg/L ¹ | 0.016 | 0.018 |
| Beryllium | 0.004 | mg/L1 | ND | ND |
| Cadmium | 0.005 | mg/L1 | ND | ND |
| Chromium | 0.1 | mg/L1 | 0.0006 | 0.0006 |
| Cobalt | 0.73 | mg/L⁵ | 0.0005 | 0.0005 |
| Copper | 1.3 | mg/L ¹ | ND | ND |
| Lead | 0.015 | mg/L' | 0.0052 | 0.0024 |
| Mercury | 0.002 | mg/L' | ND | ND 0.001 |
| Nickei Selenium | 0.1 | mg/L ⁻ | 0.001 | 0.001 |
| Silver | 0.05 | mg/L ² | | ND |
| Thallium | 0.02 | mg/L ² ° | ND | ND |
| Tin | 22 | mg/L⁵ | ND | 0.007 |
| Vanadium | 0.26 | ma/L⁵ | 0.0007 | 0.0006 |
| Zinc | 2 | ma/l ^{2, 3} | 0.005 | 0.008 |
| Volatile Organic Compounds | | | | |
| 1,1,1,2-Tetrachloroethane | 70 | µg/L² | ND | ND |
| 1,1,1-Trichloroethane | 200 | µg/L1 | ND | ND |
| 1,1,2,2-Tetrachloroethane | 0.2 | µg/L² | ND | ND |
| 1,1,2-Trichloroethane | 5 | µg/L¹ | ND | ND |
| 1,1-Dichloroethane | 5 | µg/L⁵ | ND | ND |
| 1,1-Dichloroethylene | 7 | µg/L¹ | ND | ND |
| 1,2,3-Trichloropropane | 0.03 | µg/L ⁷ | ND | ND |
| 1,2-Dibromo-3-chloropropane | 0.2 | µg/L¹ | ND | ND |
| 1,2-Dibromoethane | 0.05 | µg/L1 | ND | ND |
| 1,2-Dichlorobenzene | 600 | µg/L' | ND | ND |
| 1,2-Dichloroethane | 5 | µg/L' | ND | ND |
| 1,2-Dichloropropane | 5 | µg/L ¹ | | ND |
| 4-Methyl-2-pentanone | 75 | µg/L | ND | ND |
| Acetone | 610 | µg/L⁵ | ND | ND |
| Acrylonitrile | 0.039 | µg/L⁵ | ND | ND |
| Benzene | 5 | µg/L ¹ | ND | ND |
| Bromochloromethane | 90 | µg/L² | ND | ND |
| Bromodichloromethane | 80 | µg/L1 | ND | ND |
| Bromoform | 80 | µg/L¹ | ND | ND |
| Bromomethane | 10 | µg/L² | ND | ND |
| Carbon disulfide | 1000 | µg/L⁵ | ND | ND |
| Carbon tetrachloride | 5 | µg/L¹ | ND | ND |
| Chlorobenzene | 100 | µg/L' | ND | ND |
| Chlorodibromometnane | 80 | µg/L' | ND | ND |
| Chloroform | 4.0 | µg/L ⁻ | ND | ND |
| Chloromethane | 00 3 | µg/L ² | | |
| cis-1 2-Dichloroethylene | 70 | µg/L | ND | ND |
| cis-1.3-Dichloropropene | 0.27 | µg/L 6- 8 | ND | ND |
| Dibromomethane | 61 | ua/L⁵ | ND | ND |
| Ethylbenzene | 700 | µg/L1 | ND | ND |
| Methyl butyl ketone (2-Hexanone) | 160 | μg/L⁵ | ND | ND |
| Methyl ethyl ketone (2-Butanone) | 4000 | µg/L² | ND | ND |
| Methyl iodide | | µg/L | ND | ND |
| Methyl tert-butyl ether (MTBE) | 20 - 40 | µg/L⁴ | ND | ND |
| Methylene chloride | 5 | µg/L¹ | ND | ND |
| Styrene | 100 | µg/L¹ | ND | ND |
| i etrachloroethylene (PCE) | 5 | µg/L' | ND | ND |
| roluene | 1000 | µg/L' | ND | ND |
| rans-1,2-Dichloroethylene | 100 | µg/L' | ND | ND |
| trans 1.4 Dichloro 2 butono | 0.27 | µg/L°∘a | | |
| Trichloroethylene (TCE) | 5 | µg/L µg/L 1 | | |
| Trichlorofluoromethane | 2000 | µg/⊑ µg/L² | ND | ND |
| Vinvl acetate | 410 | µg/⊑ µg/L⁵ | ND | ND |
| Vinvl chloride | 2 | ua/L ¹ | ND | ND |
| Xylenes | 10000 | µg/L ¹ | ND | ND |
| | | | | |

= Concentration exceeds the specified Threshold Value

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

3. Threshold value given is the Secondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories 4. Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

5. Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update 6. Threshold value given is derived from the EPA's National Recommended Water Quality Criteria for Human Health for the consumption of water and organisms, amended 2015.

7. Threshold value given is derived from the EPA's Unregulated Contaminant Monitoring Rule's minimum reporting levels.

a. The Threshold value given for these compounds is the threshold value for a mixture of isomers. For example, cis- and trans-1,3-dichloropropylene were not identified as having individual threshold values, however 1,3-dichloropropylene was identified as having a numerical value under the National Recommended Water Quality Criteria for Human Health for consumption of water and organisms. As such, the value for total 1,3-dichloropropylene was used as the threshold value for the cis- and trans- isomers. The total of the two (2) isomers should not exceed this value even if each individual isomer is present at a concentration below the provided threshold value.

b. No threshold value was identified for 1,1-dichloroethane, however due to the molecular similarities between this compounds and 1,2-dichloroethane, the threshold value for 1,2-dichloroethane is used for reference purposes.

No threshold value has been provided for parameters not identified in the sources listed above

"____" = One half of the laboratory detection limit "DL" NT = Not Tested due to dry conditions at well.

TABLE 2

Tolerance Intervals for June 2020 Monitoring Period

TABLE 2 SUMMARY OF GROUNDWATER MONITORING RESULTS - TOLERANCE INTERVAL COMPARISON JUNE 2020 - SAMPLE ROUND

Concentration (units as specified for Threshold Value)

| | | OW | -9 | OW | -12 | Average of O | W-9 & OW-12 | 01 | N-17 | | Bac | kground V | /ells | | Con | npliance V | /ells | |
|---------------|-----------|-----------|---------|----------|-----------|--------------|-------------|---------|------------|--------------------------|----------|------------|----------|--------|--------|------------|--------|--------|
| | | Tolerance | Limit * | Toleranc | e Limit * | Toleran | ce Limit * | Toleran | ce Limit * | Threshold | <u> </u> | larch, 202 | <u>o</u> | | Ν | larch, 202 | 0 | |
| | Parameter | TL=AVG | 6+K*S | TL=AV | G+K*S | TL=A\ | /G+K*S | TL=A | VG+K*S | Value | OW-9 | OW-12 | OW-17 | OW-7 | OW-13 | OW-14 | OW-15 | OW-16 |
| | | | | | | | | | | | | | | | | | | |
| METALS | Antimony | 0.0741 | mg/L | 0.0503 | mg/L | 0.0622 | mg/L | 0.0001 | mg/L | 0.006 mg/L ¹ | ND | ND | 0.0001 | ND | 0.0003 | 0.0002 | ND | 0.0002 |
| | Arsenic | 0.0042 | mg/L | 0.0260 | mg/L | 0.0151 | mg/L | 0.0002 | mg/L | 0.010 mg/L ¹ | ND | ND | 0.0002 | 0.0001 | 0.0057 | 0.0018 | 0.0283 | 0.0001 |
| | Barium | 0.0486 | mg/L | 0.0938 | mg/L | 0.0712 | mg/L | 0.0554 | mg/L | 2 mg/L ¹ | 0.005 | 0.024 | 0.016 | 0.025 | 0.134 | 0.217 | 0.093 | 0.006 |
| | Beryllium | 0.0008 | mg/L | 0.0010 | mg/L | 0.0009 | mg/L | 0.0001 | mg/L | 0.004 mg/L ¹ | ND | ND | ND | ND | 0.0001 | ND | ND | ND |
| | Cadmium | 0.2342 | mg/L | 0.0029 | mg/L | 0.1185 | mg/L | 0.0001 | mg/L | 0.005 mg/L ¹ | 0.0002 | 0.0018 | ND | 0.0004 | 0.0095 | ND | ND | ND |
| | Chromium | 0.0250 | mg/L | 0.0193 | mg/L | 0.0222 | mg/L | 0.0006 | mg/L | 0.1 mg/L ¹ | 0.0017 | ND | 0.0006 | ND | 0.001 | 0.0007 | 0.0005 | 0.0003 |
| | Cobalt | 0.0043 | mg/L | 0.0106 | mg/L | 0.0074 | mg/L | 0.0005 | mg/L | 0.73 mg/L⁵ | 0.0002 | 0.0012 | 0.0005 | 0.0029 | 0.0049 | 0.0022 | 0.0152 | 0.0006 |
| | Copper | 0.0683 | mg/L | 0.0706 | mg/L | 0.0694 | mg/L | 0.0005 | mg/L | 1.3 mg/L ¹ | ND | ND | ND | ND | 0.018 | 0.002 | ND | ND |
| | Lead | 0.0782 | mg/L | 0.0173 | mg/L | 0.0477 | mg/L | 0.0147 | mg/L | 0.015 mg/L ¹ | 0.0013 | 0.0015 | 0.0052 | 0.0011 | 0.0077 | 0.004 | 0.0009 | 0.0008 |
| | Mercury | 0.0001 | mg/L | 0.0001 | mg/L | 0.0001 | mg/L | 0.0001 | mg/L | 0.002 mg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND |
| | Nickel | 0.0234 | mg/L | 0.0434 | mg/L | 0.0334 | mg/L | 0.0010 | mg/L | 0.1 mg/L ² | ND | 0.013 | 0.001 | 0.004 | 0.006 | 0.005 | 0.032 | 0.002 |
| | Selenium | 0.0100 | mg/L | 0.0100 | mg/L | 0.0100 | mg/L | 0.0025 | mg/L | 0.05 mg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND |
| | Silver | 0.0005 | mg/L | 0.0030 | mg/L | 0.0018 | mg/L | 0.0001 | mg/L | 0.1 mg/L ^{2, 3} | ND | ND | ND | ND | ND | ND | ND | 0.0001 |
| | Thallium | 0.0001 | mg/L | 0.0010 | mg/L | 0.0005 | mg/L | 0.0001 | mg/L | 0.002 mg/L ¹ | ND | ND | ND | ND | 0.0001 | ND | ND | ND |
| | Tin | 0.0370 | mg/L | 0.5173 | mg/L | 0.2771 | mg/L | 0.0070 | mg/L | 22 mg/L⁵ | ND | ND | ND | ND | ND | ND | ND | ND |
| | Vanadium | 0.0099 | mg/L | 0.0386 | mg/L | 0.0243 | mg/L | 0.0021 | mg/L | 0.26 mg/L⁵ | ND | ND | 0.0007 | ND | 0.0011 | 0.0009 | 0.0007 | ND |
| | Zinc | 4.7435 | mg/L | 0.0512 | mg/L | 2.3973 | mg/L | 0.0234 | mg/L | 2 mg/L ^{2, 3} | 0.002 | 0.001 | 0.005 | 0.002 | 0.009 | 0.002 | 0.0050 | 0.002 |

= Concentration exceeds the Site-specific background Tolerance Limit

= Concentration exceeds the applicable Threshold Value

= Concentration exceeds both the applicable Threshold Value and the Site-specific background Tolerance Limit

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

3. Threshold value given is the Secondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

4. Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

5. Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update

6. Threshold value given is derived from the EPA's National Recommended Water Quality Criteria for Human Health for the consumption of water and organisms, amended 2015.

7. Threshold value given is derived from the EPA's Unregulated Contaminant Monitoring Rule's minimum reporting levels.

No threshold value has been provided for parameters not identified in the sources listed above

"____" = One half of the laboratory detection limit "DL"

TABLE 3

Historical Analytical Data, Surface Water Sampling

TABLE 3 SUMMARY OF SURFACE WATER MONITORING RESULTS SURFACE WATER SW-1 JUNE 2020 MONITORING ROUND

Concentration (expressed in same units as Human Health Threshold)

| | Human | Freshwater | Aquatic Life | Unito | | | | | | | | | | | | | |
|------------------|-----------|------------|--------------|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Parameter | Health | Thre | shold | Units | Jun '20 | Mar '20 | Dec '19 | Jun '19 | Mar '19 | Dec '18 | Sep '18 | Jun '18 | Mar '18 | Dec '17 | Sep '17 | Jun '17 | Mar '17 |
| | Threshold | (Acute) | (Chronic) | | | | | | | | | | | | | | |
| Antimony | 0.0056 | 0.4500 | 0.0100 | mg/L ¹ | ND | 0.0001 | ND | ND | ND | 0.002 | ND | ND | ND | ND | 0.006 | 0.002 | 0.006 |
| Arsenic | 0.00018 | 0.3400 | 0.1500 | mg/L ¹ | 0.0016 | 0.0002 | 0.0002 | 0.0009 | 0.0002 | ND | ND | 0.01 | 0.004 | 0.004 | ND | 0.003 | ND |
| Barium | 2 | | | mg/L ¹ | 0.029 | 0.017 | 0.019 | 0.068 | 0.023 | 0.031 | 0.036 | 0.04 | 0.022 | 0.022 | 0.473 | 0.025 | 0.016 |
| Beryllium | 0.004 | 0.0075 | 0.00017 | mg/L ¹ | ND |
| Cadmium | 0.005 | 0.0011 | 0.00016 | mg/L ¹ | ND | 0.08 | 0.001 | ND |
| Calcium | | | | mg/L | 14.2 | 23.5 | 35.4 | 62.2 | NT |
| Chromium | 0.1 | 0.0160 | 0.0110 | mg/L ¹ | 0.0036 | 0.0004 | 0.0004 | 0.0005 | 0.0002 | ND | ND | ND | ND | ND | 0.004 | 0.001 | ND |
| Cobalt | 0.73 | | | mg/L⁵ | 0.0027 | 0.0002 | 0.0002 | 0.0014 | 0.0002 | ND | ND | ND | ND | ND | 0.006 | 0.004 | ND |
| Copper | 1.3 | 0.0072 | 0.0051 | mg/L ¹ | ND | 0.001 | ND |
| Iron | 0.3 | | 1.0000 | mg/L ³ | 15.3 | 0.304 | 0.647 | 10.7 | 0.521 | NT |
| Lead | 0.015 | 0.0820 | 0.0032 | mg/L ¹ | 0.0151 | 0.0005 | 0.0003 | 0.0003 | 0.0003 | ND | ND | ND | ND | ND | 0.019 | 0.002 | ND |
| Magnesium | | | | mg/L | 3.9 | 4.98 | 4.93 | 11.8 | NT |
| Mercury | 0.00014 | 0.0014 | 0.00077 | mg/L ¹ | ND |
| Nickel | 0.61 | 0.2671 | 0.0297 | mg/L ² | 0.008 | 0.001 | 0.003 | 0.003 | 0.001 | 0.002 | 0.003 | 0.001 | 0.003 | 0.003 | 0.014 | 0.005 | 0.003 |
| Selenium | 0.05 | 0.0200 | 0.0031 | mg/L ⁷ | ND |
| Silver | 0.1 | 0.0011 | | mg/L ² | ND |
| Thallium | 0.00024 | 0.0460 | 0.0010 | mg/L ¹ | ND |
| Tin | 22 | | | mg/L ⁵ | ND |
| Vanadium | 0.26 | | | mg/L ⁵ | 0.0065 | ND | ND | ND | ND | 0.001 | 0.001 | ND | ND | ND | 0.117 | 0.006 | ND |
| Zinc | 2 | 0.0668 | 0.0673 | mg/L ³ | 0.269 | 0.003 | 0.005 | 0.006 | 0.002 | 0.012 | 0.005 | 0.015 | 0.009 | 0.009 | 0.097 | 0.02 | 0.006 |
| Hardness (CaCO3) | | | < 20 | mg/L | 51.5 | 79.3 | 109 | 204 | 112 | 182 | 128 | 166 | 106 | 71.8 | 300 | 35.2 | 70.2 |
| Ammonia | 30 | 18.4 | 5.20 | mg/L ² | 0.3 | ND | 0.2 | 0.1 | 0.2 | NT |
| TKN | | | | mg/L | 3.8 | 0.4 | 1.1 | 0.4 | 0.4 | NT |
| Total Phosphorus | 0.025 | | | mg/L ⁶ | ND | ND | ND | ND | 0.05 | NT |
| Total Nitrogen | 10 | | | mg/L° | 3.84 | 0.86 | 1.15 | 0.4 | 1.5 | NT |

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

3. Threshold value given is the Secondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

4. Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

5. Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update

6. Ambient water quality standard.

7. Ambient water quality standard for selenium was selected from the EPA's 2016 Final Guidance for Aquatic Life Ambient Water Quality Criterion for Selenium. This guidance provides four chronic values that are dependent on site conditions, and the Lotic Water Chronic Criterion has been selected as it appears to be most applicable to site conditions.

| ### | Concentration exceeds the applicable Human Health Criteria |
|-----|---|
| ### | Concentration exceeds the applicable Freshwater Acute Exposure Criteria |
| ### | Concentration exceeds the applicable Freshwater Chronic Exposure Criteria |
| ### | Concentration exceeds both the Human Health Criteria and the Freshwater Acute Exposure Criteria |
| ### | Concentration exceeds both the Human Health Criteria and the Freshwater Chronic Exposure Criteria |

No threshold value has been provided for parameters not identified in the sources listed above

Aquatic Life criteria provided above from RIDEM Water Quality Regulations or the EPA's National Recommended Water Quality Criteria, Human Health Criteria for Consumption of water and organisms. "--" represents parameters for which no aquatic life criteria has been established.

"O.R." - Threshold value is temperature and/or pH dependent. Temperature and/ or pH was outside of the range for which a threshold value is established.

TABLE 3 (CONT.) SUMMARY OF SURFACE WATER MONITORING RESULTS SURFACE WATER SW-2 JUNE 2020 MONITORING ROUND

Concentration (expressed in same units as Human Health Threshold)

| | Human | Freshwater | Aquatic Life | Units | | | 5 1/4 | | | B 140 | | | | | | | |
|------------------|------------------------|------------|--------------|-------------------|---------|---------|---------|---------|--------|--------------|--------|---------|---------|---------|--------|---------|---------|
| Parameter | Health Threak a lat | Inres | <u>snoid</u> | | Jun '20 | Mar '20 | Dec '19 | Jun '19 | Mar 19 | Dec '18 | Sep 18 | Jun '18 | Mar '18 | Dec '17 | Sep 17 | Jun '17 | Mar '17 |
| | Inresnoid | (Acute) | (Chronic) | . 1 | ND | ND | ND | ND | ND | 0.000 | 0.000 | 0.004 | ND | 0.000 | ND | 0.000 | ND |
| Antimony | 0.0056 | 0.4500 | 0.0100 | mg/L ¹ | ND | ND | ND | ND | ND | 0.002 | 0.003 | 0.001 | ND | 0.003 | ND | 0.002 | ND |
| Arsenic | 0.00018 | 0.3400 | 0.1500 | mg/L' | 0.0011 | 0.0002 | 0.0002 | 0.0006 | 0.0003 | ND | ND | 0.005 | ND | ND | ND | ND | ND |
| Barium | 2 | | | mg/L ¹ | 0.015 | 0.007 | 0.006 | 0.011 | 0.006 | 0.006 | 0.017 | 0.011 | 0.009 | 0.008 | 0.013 | 0.01 | 0.008 |
| Beryllium | 0.004 | 0.0075 | 0.00017 | mg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Cadmium | 0.005 | 0.0005 | 0.00009 | mg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Calcium | | | | mg/L | 5.9 | 3.98 | 3.34 | 7.51 | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| Chromium | 0.1 | 0.0160 | 0.0110 | mg/L ¹ | 0.0025 | 0.0006 | 0.0006 | 0.0007 | 0.0005 | ND | ND | ND | ND | ND | ND | 0.001 | ND |
| Cobalt | 0.73 | | | mg/L⁵ | 0.0035 | 0.0012 | 0.0005 | 0.0025 | 0.0002 | ND | 0.002 | ND | ND | ND | 0.001 | 0.002 | ND |
| Copper | 1.3 | 0.0034 | 0.0026 | mg/L ¹ | ND | 0.001 | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Iron | 0.3 | | 1.0000 | mg/L ³ | 7.08 | 0.911 | 0.661 | 3.05 | 0.516 | NT | NT | NT | NT | NT | NT | NT | NT |
| Lead | 0.015 | 0.0820 | 0.0032 | mg/L ¹ | 0.0103 | 0.0007 | 0.0006 | 0.0009 | 0.0003 | ND | ND | ND | ND | ND | ND | 0.002 | 0.002 |
| Magnesium | | | | mg/L | 2.13 | 1.9 | 1.42 | 2.75 | NT | NT | NT | NT | NT | NT | NT | NT | NT |
| Mercury | 0.00014 | 0.0014 | 0.00077 | mg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Nickel | 0.61 | 0.1375 | 0.0153 | mg/L ² | 0.005 | 0.002 | 0.001 | 0.002 | 0.001 | 0.002 | 0.002 | 0.003 | 0.002 | 0.001 | 0.002 | 0.004 | 0.003 |
| Selenium | 0.05 | 0.0200 | 0.0031 | mg/L ⁷ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Silver | 0.1 | 0.0003 | | mg/L ² | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | 0.002 | ND | ND |
| Thallium | 0.00024 | 0.0460 | 0.0010 | mg/L ¹ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Tin | 22 | | | mg/L ⁵ | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND | ND |
| Vanadium | 0.26 | | | mg/L ⁵ | 0.0031 | 0.0007 | 0.0007 | 0.0013 | 0.0006 | ND | 0.001 | 0.002 | ND | ND | 0.002 | 0.002 | 0.002 |
| Zinc | 2 | 0.0344 | 0.0346 | mg/L ³ | 0.095 | 0.003 | 0.005 | 0.006 | 0.003 | 0.012 | 0.006 | 0.019 | 0.014 | ND | 0.006 | 0.01 | 0.011 |
| Hardness (CaCO3) | | | < 20 | mg/L | 23.5 | 17.8 | 14.2 | 30.1 | 20.6 | 19.5 | 34.9 | 17.3 | 16.2 | 27.9 | 20 | 16.5 | 18.4 |
| Ammonia | 30 | 18.4 | 5.20 | mg/L ² | 0.9 | 0.1 | ND | 0.4 | ND | NT | NT | NT | NT | NT | NT | NT | NT |
| TKN | | | | mg/L | 4 | 0.4 | 1.1 | 1 | 0.5 | NT | NT | NT | NT | NT | NT | NT | NT |
| Total Phosphorus | 0.025 | | | mg/L ⁶ | ND | ND | ND | ND | ND | NT | NT | NT | NT | NT | NT | NT | NT |
| Total Nitrogen | 10 | | | mg/L ⁶ | 4 | 0.4 | 1.63 | 1 | 0.5 | NT | NT | NT | NT | NT | NT | NT | NT |

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

3. Threshold value given is the Secondary Drinking Water Regulation (SDWR) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

4. Threshold value given is the Drinking Water Advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

5. Threshold value given is the Preliminary Remedial Goal (PRG) for tap water, as provided in the October 2002 USEPA Region 9 PRGs Table 2002 Update

6. Ambient water quality standard.

7. Ambient water quality standard for selenium was selected from the EPA's 2016 Final Guidance for Aquatic Life Ambient Water Quality Criterion for Selenium. This guidance provides four chronic values that are dependent on site conditions, and the Lotic Water Chronic Criterion has been selected as it appears to be most applicable to site conditions.

| ### | Concentration exceeds the applicable Human Health Criteria |
|-----|---|
| ### | Concentration exceeds the applicable Freshwater Acute Exposure Criteria |
| ### | Concentration exceeds the applicable Freshwater Chronic Exposure Criteria |
| ### | Concentration exceeds both the Human Health Criteria and the Freshwater Acute Exposure Criteria |
| ### | Concentration exceeds both the Human Health Criteria and the Freshwater Chronic Exposure Criteria |

No threshold value has been provided for parameters not identified in the sources listed above

Aquatic Life criteria provided above from RIDEM Water Quality Regulations or the EPA's National Recommended Water Quality Criteria, Human Health Criteria for Consumption of water and organisms. "--" represents parameters for which no aquatic life criteria has been established.

"O.R." - Threshold value is temperature and/or pH dependent. Temperature and/ or pH was outside of the range for which a threshold value is established.

TABLE 3 (CONT.) SUMMARY OF SURFACE WATER MONITORING RESULTS SURFACE WATER SW-3 JUNE 2020 MONITORING ROUND

Concentration (expressed in same units as Human Health Threshold)

| | <u>Human</u> | Freshwater | Aquatic Life | Units | | | | | | | | | | | | | |
|------------------|---------------|------------|--------------|-------------------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|---------|
| Parameter | <u>Health</u> | Three | <u>shold</u> | <u>onico</u> | Jun '20 | Mar '20 | Dec '19 | Jun '19 | Mar '19 | Dec '18 | Sep '18 | Jun '18 | Mar '18 | Dec '17 | Sep '17 | Jun '17 | Mar '17 |
| | Threshold | (Acute) | (Chronic) | | | | | | | | | | | | | | |
| Antimony | 0.0056 | 0.4500 | 0.0100 | mg/L ¹ | ND | 0.0001 | ND | ND | ND | 0.002 | 0.003 | 0.005 | ND | 0.011 | NT | 0.02 | ND |
| Arsenic | 0.00018 | 0.3400 | 0.1500 | mg/L ¹ | 0.0448 | 0.0002 | 0.0002 | 0.0006 | 0.0002 | ND | ND | 0.02 | ND | ND | NT | ND | ND |
| Barium | 2 | | | mg/L ¹ | 2.5 | 0.019 | 0.007 | 0.014 | 0.007 | 0.01 | 0.018 | 1.66 | 1.33 | 0.087 | NT | 0.211 | 0.015 |
| Beryllium | 0.004 | 0.0075 | 0.00017 | mg/L ¹ | ND | NT | ND | ND |
| Cadmium | 0.005 | 0.0146 | 0.00101 | mg/L ¹ | ND | 0.008 | 0.051 | ND | NT | 0.009 | ND |
| Calcium | | | | mg/L | 241 | 23.3 | 5.54 | 10.8 | NT |
| Chromium | 0.1 | 0.0160 | 0.0110 | mg/L ¹ | 0.0906 | 0.0007 | 0.0005 | 0.0007 | 0.0003 | ND | ND | ND | 0.249 | 0.006 | NT | 0.017 | ND |
| Cobalt | 0.73 | | | mg/L ⁵ | 0.0427 | 0.0002 | 0.0004 | 0.0023 | 0.0002 | ND | 0.004 | 0.003 | 0.132 | 0.006 | NT | 0.019 | ND |
| Copper | 1.3 | 0.0920 | 0.0512 | mg/L ¹ | 0.168 | 0.001 | 0.002 | ND | ND | ND | ND | ND | 0.24 | ND | NT | ND | ND |
| Iron | 0.3 | | 1.0000 | mg/L ³ | 903 | 1.18 | 0.788 | 4.13 | 0.449 | NT |
| Lead | 0.015 | 0.0820 | 0.0032 | mg/L ¹ | 0.539 | 0.0018 | 0.0003 | 0.0005 | 0.0009 | ND | ND | ND | 0.715 | 0.011 | NT | 0.029 | ND |
| Magnesium | | | | mg/L | 40.6 | 5.06 | 2.18 | 3.33 | NT |
| Mercury | 0.00014 | 0.0014 | 0.00077 | mg/L ¹ | ND | ND | 0.0003 | ND | ND | ND | ND | ND | 0.0013 | ND | NT | ND | ND |
| Nickel | 0.61 | 2.6329 | 0.2924 | mg/L ² | 0.107 | 0.001 | 0.001 | 0.002 | 0.002 | 0.001 | 0.006 | 0.018 | 0.433 | 0.01 | NT | 0.131 | 0.006 |
| Selenium | 0.05 | 0.0200 | 0.0031 | mg/L ⁷ | ND | NT | ND | ND |
| Silver | 0.1 | 0.1155 | | mg/L ² | ND | NT | ND | ND |
| Thallium | 0.00024 | 0.0460 | 0.0010 | mg/L ¹ | ND | NT | ND | ND |
| Tin | 22 | | | mg/L⁵ | ND | 0.025 | ND | NT | ND | ND |
| Vanadium | 0.26 | | | mg/L⁵ | 0.155 | 0.0006 | 0.0005 | 0.0012 | ND | ND | 0.003 | 0.004 | 0.418 | 0.026 | NT | 0.028 | ND |
| Zinc | 2 | 0.6607 | 0.6661 | mg/L ³ | 1.05 | 0.004 | 0.007 | 0.006 | 0.004 | 0.007 | 0.011 | 0.505 | 2.52 | 0.058 | NT | 0.11 | 0.016 |
| Hardness (CaCO3) | | | < 20 | mg/L | 770 | 79 | 22.8 | 40.7 | 23.7 | 50.7 | 47.2 | 79.5 | 441 | 65.1 | NT | 294 | 47.1 |
| Ammonia | 30 | 18.4 | 5.20 | mg/L ² | 0.8 | ND | ND | 0.2 | ND | NT |
| TKN | | | | mg/L | 93.4 | 0.8 | 0.4 | 0.5 | 0.3 | NT |
| Total Phosphorus | 0.025 | | | mg/L ⁶ | 17.3 | ND | ND | 0.22 | ND | NT |
| Total Nitrogen | 10 | | | mg/L ⁶ | 97.7 | 1.27 | 0.53 | 0.5 | 0.3 | NT |

1. Threshold value given is the Maximum Contaminant Level (MCL) as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

2. Threshold value given is the lifetime health advisory as provided in the USEPA 2018 Edition of the Drinking Water Standards and Health Advisories

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| eria |
|------|
|) |

- ### Concentration exceeds the applicable Freshwater Acute Exposure Criteria
- ### Concentration exceeds the applicable Freshwater Chronic Exposure Criteria
- ### Concentration exceeds both the Human Health Criteria and the Freshwater Acute Exposure Criteria

Concentration exceeds both the Human Health Criteria and the Freshwater Chronic Exposure Criteria

No threshold value has been provided for parameters not identified in the sources listed above

Aquatic Life criteria provided above from RIDEM Water Quality Regulations or the EPA's National Recommended Water Quality Criteria, Human Health Criteria for Consumption of water and organisms. "--" represents parameters for which no aquatic life criteria has been established.

"O.R." - Threshold value is temperature and/or pH dependent. Temperature and/ or pH was outside of the range for which a threshold value is established.

ATTACHMENT 1

Laboratory Analytical Report, Observation Well Sampling



REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 0F25068 Client Project: 94139 - Tiverton Landfill

Report Date: 02-July-2020

Prepared for:

Travis Johnson Pare Corporation 8 Blackstone Valley Place Lincoln, RI 02865

Richard Warila, Laboratory Director New England Testing Laboratory, Inc. 59 Greenhill Street West Warwick, RI 02893 rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 06/25/20. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 0F25068. Custody records are included in this report.

| Lab ID | Sample | Matrix | Date Sampled | Date Received | |
|------------|--------|--------|--------------|---------------|--|
| | | | | | |
| 0F25068-01 | OW-7 | Water | 06/24/2020 | 06/25/2020 | |
| 0F25068-02 | OW-9 | Water | 06/24/2020 | 06/25/2020 | |
| 0F25068-03 | OW-12 | Water | 06/24/2020 | 06/25/2020 | |
| 0F25068-04 | OW-13 | Water | 06/24/2020 | 06/25/2020 | |
| 0F25068-05 | OW-14 | Water | 06/24/2020 | 06/25/2020 | |
| 0F25068-06 | OW-15 | Water | 06/24/2020 | 06/25/2020 | |
| 0F25068-07 | OW-16 | Water | 06/24/2020 | 06/25/2020 | |
| 0F25068-08 | OW-17 | Water | 06/24/2020 | 06/25/2020 | |

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

OW-12 (Lab Number: 0F25068-03)

| Analysis | Method |
|--|--|
| Antimony | EPA 200.8 |
| Appendix A Volatile Organics | EPA 8260C |
| Arsenic | EPA 200.8 |
| Barium | EPA 200.8 |
| Beryllium | EPA 200.8 |
| Cadmium | EPA 200.8 |
| Chromium | EPA 200.8 |
| Cobalt | EPA 200.8 |
| Copper | EPA 200.8 |
| Lead | EPA 200.8 |
| Mercury | EPA 7470A |
| Nickel | EPA 200.8 |
| Selenium | EPA 200.8 |
| Silver | EPA 200.8 |
| Thallium | EPA 200.8 |
| Tin | EPA 200.8 |
| Vanadium | EPA 200.8 |
| Zinc | EPA 200.8 |
| OW-13 (Lab Number: 0F25068-04) | |
| | |
| Analysis | <u>Method</u> |
| <u>Analysis</u> Antimony | <u>Method</u> EPA 200.8 |
| <u>Analysis</u> Antimony Appendix A Volatile Organics | <u>Method</u> EPA 200.8 EPA 8260C |
| <u>Analysis</u> Antimony Appendix A Volatile Organics Arsenic | Method EPA 200.8 EPA 8260C EPA 200.8 |
| <u>Analysis</u> Antimony Appendix A Volatile Organics Arsenic Barium | Method EPA 200.8 EPA 8260C EPA 200.8 EPA 200.8 |
| <u>Analysis</u> Antimony Appendix A Volatile Organics Arsenic Barium Beryllium | Method EPA 200.8 EPA 8260C EPA 200.8 EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium | Method EPA 200.8 EPA 8260C EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Chromium | Method EPA 200.8 EPA 8260C EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Chromium Cobalt | Method EPA 200.8 EPA 8260C EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper | Method EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Chromium Cobalt Copper Lead | Method EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Cadmium Chromium Cobalt Copper Lead Mercury | Method EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Cadmium Chromium Cobalt Copper Lead Mercury Nickel | Method EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Cadmium Chromium Cobalt Cobalt Copper Lead Mercury Nickel Selenium | Method EPA 200.8 EPA 7470A EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Cadmium Chromium Cobalt Cobalt Copper Lead Mercury Nickel Selenium | Method EPA 200.8 EPA 7470A EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Cadmium Chromium Cobalt Cobalt Copper Lead Mercury Nickel Selenium Silver | Method EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Cadmium Chromium Cobalt Copper Lead Mercury Nickel Selenium Silver Thallium | Method EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Cadmium Chromium Cobalt Cobalt Copper Lead Mercury Nickel Selenium Silver Thallium Tin | Method EPA 200.8 EPA 8260C EPA 200.8 EPA 200.8 |
| Analysis Antimony Appendix A Volatile Organics Arsenic Barium Beryllium Cadmium Cadmium Chromium Cobalt Copper Lead Mercury Nickel Selenium Silver Thallium Tin Vanadium Zinc | Method EPA 200.8 EPA 200.8 |

Analysis **Method** Antimony EPA 200.8 Appendix A Volatile Organics EPA 8260C Arsenic EPA 200.8 Barium EPA 200.8 Beryllium EPA 200.8 Cadmium EPA 200.8 EPA 200.8 Chromium

Request for Analysis (continued)

OW-14 (Lab Number: 0F25068-05) (continued)

| Analysis | Method |
|----------|-----------|
| Cobalt | EPA 200.8 |
| Copper | EPA 200.8 |
| Lead | EPA 200.8 |
| Mercury | EPA 7470A |
| Nickel | EPA 200.8 |
| Selenium | EPA 200.8 |
| Silver | EPA 200.8 |
| Thallium | EPA 200.8 |
| Tin | EPA 200.8 |
| Vanadium | EPA 200.8 |
| Zinc | EPA 200.8 |

OW-15 (Lab Number: 0F25068-06)

Analysis Method Antimony EPA 200.8 Appendix A Volatile Organics EPA 8260C EPA 200.8 Arsenic Barium EPA 200.8 Beryllium EPA 200.8 Cadmium EPA 200.8 Chromium EPA 200.8 Cobalt EPA 200.8 EPA 200.8 Copper Lead EPA 200.8 Mercury EPA 7470A EPA 200.8 Nickel Selenium EPA 200.8 Silver EPA 200.8 Thallium EPA 200.8 Tin EPA 200.8 Vanadium EPA 200.8 Zinc EPA 200.8

OW-16 (Lab Number: 0F25068-07)

| Analysis | <u>Method</u> |
|------------------------------|---------------|
| Antimony | EPA 200.8 |
| Appendix A Volatile Organics | EPA 8260C |
| Arsenic | EPA 200.8 |
| Barium | EPA 200.8 |
| Beryllium | EPA 200.8 |
| Cadmium | EPA 200.8 |
| Chromium | EPA 200.8 |
| Cobalt | EPA 200.8 |
| Copper | EPA 200.8 |
| Lead | EPA 200.8 |
| Mercury | EPA 7470A |
| Nickel | EPA 200.8 |
| Selenium | EPA 200.8 |
| Silver | EPA 200.8 |
| Thallium | EPA 200.8 |
| Tin | EPA 200.8 |
| Vanadium | EPA 200.8 |
| Zinc | EPA 200.8 |

Request for Analysis (continued)

OW-17 (Lab Number: 0F25068-08)

<u>Analysis</u> Antimony EPA 200.8 Appendix A Volatile Organics EPA 8260C Arsenic EPA 200.8 Barium EPA 200.8 Beryllium EPA 200.8 Cadmium EPA 200.8 Chromium EPA 200.8 Cobalt EPA 200.8 Copper EPA 200.8 EPA 200.8 Lead Mercury EPA 7470A Nickel EPA 200.8 Selenium EPA 200.8 Silver EPA 200.8 Thallium EPA 200.8 Tin EPA 200.8 Vanadium EPA 200.8 Zinc

OW-7 (Lab Number: 0F25068-01)

| Analysi | s |
|---------|---|
| | _ |

| Antimony | EPA 200.8 |
|------------------------------|-----------|
| Appendix A Volatile Organics | EPA 8260 |
| Arsenic | EPA 200.8 |
| Barium | EPA 200.8 |
| Beryllium | EPA 200.8 |
| Cadmium | EPA 200.8 |
| Chromium | EPA 200.8 |
| Cobalt | EPA 200.8 |
| Copper | EPA 200.8 |
| Lead | EPA 200.8 |
| Mercury | EPA 7470 |
| Nickel | EPA 200.8 |
| Selenium | EPA 200.8 |
| Silver | EPA 200.8 |
| Thallium | EPA 200.8 |
| Tin | EPA 200.8 |
| Vanadium | EPA 200.8 |
| Zinc | EPA 200.8 |

<u>Method</u>

EPA 200.8

Method

Request for Analysis (continued)

OW-9 (Lab Number: 0F25068-02)

| Analysis | <u>Method</u> |
|------------------------------|---------------|
| Antimony | EPA 200.8 |
| Appendix A Volatile Organics | EPA 8260C |
| Arsenic | EPA 200.8 |
| Barium | EPA 200.8 |
| Beryllium | EPA 200.8 |
| Cadmium | EPA 200.8 |
| Chromium | EPA 200.8 |
| Cobalt | EPA 200.8 |
| Copper | EPA 200.8 |
| Lead | EPA 200.8 |
| Mercury | EPA 7470A |
| Nickel | EPA 200.8 |
| Selenium | EPA 200.8 |
| Silver | EPA 200.8 |
| Thallium | EPA 200.8 |
| Tin | EPA 200.8 |
| Vanadium | EPA 200.8 |
| Zinc | EPA 200.8 |

Method References

Methods for the Determination of Metals in Environmental Samples EPA-600/R-94/111, USEPA, 1994 Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Case Narrative

CASE NARRATIVE:

Sample Receipt

The samples were all appropriately cooled and preserved upon receipt. The samples were received in the appropriate containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Metals

All analyses were performed according to NETLAB's documented Standard Operating Procedures, within all required holding times, and with appropriate quality control measures. All QC was within laboratory established acceptance criteria. The samples were received, processed, and reported with no anomalies.

Volatile Organic Compounds

All samples were analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control criteria. Those compounds whose names include "TIC" were qualitatively screened via reconstructed ion chromatography and no detections were identified to the listed PQLs.

Sample: OW-7

Lab Number: 0F25068-01 (Water)

| Reporting | | | | | | | | |
|-----------|--------|------|--------|-------|---------------|---------------|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | |
| Antimony | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Arsenic | 0.0001 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Barium | 0.025 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Beryllium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cadmium | 0.0004 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Chromium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cobalt | 0.0029 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Copper | ND | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Mercury | ND | | 0.0002 | mg/L | 06/29/20 | 06/29/20 | | |
| Nickel | 0.004 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Selenium | ND | | 0.005 | mg/L | 06/26/20 | 06/26/20 | | |
| Silver | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Thallium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Tin | ND | | 0.005 | mg/l | 06/26/20 | 06/26/20 | | |
| Vanadium | ND | | 0.0005 | mg/L | 06/26/20 | 06/26/20 | | |
| Zinc | 0.002 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Lead | 0.0011 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| | | | | | | | | |

Sample: OW-9

Lab Number: 0F25068-02 (Water)

| Reporting | | | | | | | | |
|-----------|--------|------|--------|-------|---------------|---------------|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | |
| Antimony | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Arsenic | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Barium | 0.005 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Beryllium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cadmium | 0.0002 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Chromium | 0.0017 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cobalt | 0.0002 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Copper | ND | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Mercury | ND | | 0.0002 | mg/L | 06/29/20 | 06/29/20 | | |
| Nickel | ND | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Selenium | ND | | 0.005 | mg/L | 06/26/20 | 06/26/20 | | |
| Silver | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Thallium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Tin | ND | | 0.005 | mg/l | 06/26/20 | 06/26/20 | | |
| Vanadium | ND | | 0.0005 | mg/L | 06/26/20 | 06/26/20 | | |
| Zinc | 0.002 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Lead | 0.0013 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| | | | | | | | | |

Sample: OW-12

Lab Number: 0F25068-03 (Water)

| | Reporting | | | | | | | |
|-----------|-----------|------|--------|-------|---------------|---------------|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | |
| Antimony | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Arsenic | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Barium | 0.024 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Beryllium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cadmium | 0.0018 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Chromium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cobalt | 0.0012 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Copper | ND | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Mercury | ND | | 0.0002 | mg/L | 06/29/20 | 06/29/20 | | |
| Nickel | 0.013 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Selenium | ND | | 0.005 | mg/L | 06/26/20 | 06/26/20 | | |
| Silver | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Thallium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Tin | ND | | 0.005 | mg/l | 06/26/20 | 06/26/20 | | |
| Vanadium | ND | | 0.0005 | mg/L | 06/26/20 | 06/26/20 | | |
| Zinc | 0.001 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Lead | 0.0015 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| | | | | | | | | |

Sample: OW-13

Lab Number: 0F25068-04 (Water)

| Reporting | | | | | | | | | | |
|-----------|--------|------|--------|-------|---------------|---------------|--|--|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | | | |
| Antimony | 0.0003 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | | |
| Arsenic | 0.0057 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | | |
| Barium | 0.134 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | | | |
| Beryllium | 0.0001 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | | |
| Cadmium | 0.0095 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | | |
| Chromium | 0.0010 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | | |
| Cobalt | 0.0049 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | | |
| Copper | 0.018 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | | | |
| Mercury | ND | | 0.0002 | mg/L | 06/29/20 | 06/29/20 | | | | |
| Nickel | 0.006 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | | | |
| Selenium | ND | | 0.005 | mg/L | 06/26/20 | 06/26/20 | | | | |
| Silver | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | | |
| Thallium | 0.0001 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | | |
| Tin | ND | | 0.005 | mg/l | 06/26/20 | 06/26/20 | | | | |
| Vanadium | 0.0011 | | 0.0005 | mg/L | 06/26/20 | 06/26/20 | | | | |
| Zinc | 0.009 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | | | |
| Lead | 0.0077 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | | |
| | | | | | | | | | | |
Sample: OW-14

Lab Number: 0F25068-05 (Water)

| Reporting | | | | | | | | |
|-----------|--------|------------|-------|---------------|---------------|--|--|--|
| Analyte | Result | Qual Limit | Units | Date Prepared | Date Analyzed | | | |
| Antimony | 0.0002 | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | |
| Arsenic | 0.0018 | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | |
| Barium | 0.217 | 0.001 | mg/l | 06/26/20 | 06/26/20 | | | |
| Beryllium | ND | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | |
| Cadmium | ND | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | |
| Chromium | 0.0007 | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | |
| Cobalt | 0.0022 | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | |
| Copper | 0.002 | 0.001 | mg/l | 06/26/20 | 06/26/20 | | | |
| Mercury | ND | 0.0002 | mg/L | 06/29/20 | 06/29/20 | | | |
| Nickel | 0.005 | 0.001 | mg/l | 06/26/20 | 06/26/20 | | | |
| Selenium | ND | 0.005 | mg/L | 06/26/20 | 06/26/20 | | | |
| Silver | ND | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | |
| Thallium | ND | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | |
| Tin | ND | 0.005 | mg/l | 06/26/20 | 06/26/20 | | | |
| Vanadium | 0.0009 | 0.0005 | mg/L | 06/26/20 | 06/26/20 | | | |
| Zinc | 0.002 | 0.001 | mg/l | 06/26/20 | 06/26/20 | | | |
| Lead | 0.0040 | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | | |
| | | | | | | | | |

Sample: OW-15

Lab Number: 0F25068-06 (Water)

| Reporting | | | | | | | | |
|-----------|--------|------|--------|-------|---------------|---------------|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | |
| Antimony | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Arsenic | 0.0283 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Barium | 0.093 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Beryllium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cadmium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Chromium | 0.0005 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cobalt | 0.0152 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Copper | ND | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Mercury | ND | | 0.0002 | mg/L | 06/29/20 | 06/29/20 | | |
| Nickel | 0.032 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Selenium | ND | | 0.005 | mg/L | 06/26/20 | 06/26/20 | | |
| Silver | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Thallium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Tin | ND | | 0.005 | mg/l | 06/26/20 | 06/26/20 | | |
| Vanadium | 0.0007 | | 0.0005 | mg/L | 06/26/20 | 06/26/20 | | |
| Zinc | 0.005 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Lead | 0.0009 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| | | | | | | | | |

Sample: OW-16

Lab Number: 0F25068-07 (Water)

| Reporting | | | | | | | | |
|-----------|--------|------|--------|-------|---------------|---------------|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | |
| Antimony | 0.0002 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Arsenic | 0.0001 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Barium | 0.006 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Beryllium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cadmium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Chromium | 0.0003 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cobalt | 0.0006 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Copper | ND | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Mercury | ND | | 0.0002 | mg/L | 06/29/20 | 06/29/20 | | |
| Nickel | 0.002 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Selenium | ND | | 0.005 | mg/L | 06/26/20 | 06/26/20 | | |
| Silver | 0.0001 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Thallium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Tin | ND | | 0.005 | mg/l | 06/26/20 | 06/26/20 | | |
| Vanadium | ND | | 0.0005 | mg/L | 06/26/20 | 06/26/20 | | |
| Zinc | 0.002 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Lead | 0.0008 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| | | | | | | | | |

Sample: OW-17

Lab Number: 0F25068-08 (Water)

| Reporting | | | | | | | | |
|-----------|--------|------|--------|-------|---------------|---------------|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | |
| Antimony | 0.0001 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Arsenic | 0.0002 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Barium | 0.016 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Beryllium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cadmium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Chromium | 0.0006 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Cobalt | 0.0005 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Copper | ND | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Mercury | ND | | 0.0002 | mg/L | 06/29/20 | 06/29/20 | | |
| Nickel | 0.001 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Selenium | ND | | 0.005 | mg/L | 06/26/20 | 06/26/20 | | |
| Silver | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Thallium | ND | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| Tin | ND | | 0.005 | mg/l | 06/26/20 | 06/26/20 | | |
| Vanadium | 0.0007 | | 0.0005 | mg/L | 06/26/20 | 06/26/20 | | |
| Zinc | 0.005 | | 0.001 | mg/l | 06/26/20 | 06/26/20 | | |
| Lead | 0.0052 | | 0.0001 | mg/L | 06/26/20 | 06/26/20 | | |
| | | | | | | | | |

Sample: OW-7

Lab Number: 0F25068-01 (Water)

| | | | Reporting | | | |
|------------------------------------|--------|------|-----------|-------|---------------|-------------------------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| 1,1,1,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1,1-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1,2-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,2,3-Trichloropropane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,2-Dibromoethane (EDB) | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,2-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,3-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 2,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 2-Hexanone | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| 4-Methyl-2-pentanone | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Acetone | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Acetonitrile | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Acrolein | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Acrylonitrile | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Allyl chloride (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Benzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Bromochloromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Bromodichloromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Bromoform | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Carbon Disulfide | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Carbon Tetrachloride | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Chlorobenzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Chloroethane | ND | | 2 | ug/l | 06/30/20 | 06/30/20 |
| Chloroform | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Chloroprene (TIC) | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| cis-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| cis-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Dibromochloromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Dichlorodifluoromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Ethyl Methacrylate (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Ethylbenzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Isobutyl Alcohol (TIC) | ND | | 20 | ug/l | 06/30/20 | 06/30/20 |
| Isodrin (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| 1,3-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Methacrylonitrile (TIC) | ND | | 10 | ug/l | 06/30/20 | 06/30/20 |
| Bromomethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Chloromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 2-Butanone | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Methyl iodide (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Methylmethacrylate | ND | | 10 | ug/l | 06/30/20 | 06/30/20 |
| Dibromomethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Methylene Chloride | ND | | 1 | ug/l | 06/30/20 | ^{06/3} Page 16 of 39 |

Sample: OW-7 (Continued) Lab Number: 0F25068-01 (Water)

| Reporting | | | | | | | | |
|-----------------------------------|-----------|------|-------|-------|---------------|---------------|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | |
| 1,2-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| 1,4-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Propionitrile (TIC) | ND | | 20 | ug/l | 06/30/20 | 06/30/20 | | |
| Styrene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Tetrachloroethene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Methyl t-butyl ether (MTBE) | 2 | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Toluene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| trans-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| trans-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| trans-1,4-Dichloro-2-Butene (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 | | |
| Trichloroethene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Trichlorofluoromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Vinyl acetate (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 | | |
| Vinyl Chloride | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Total xylenes | ND | | 2 | ug/l | 06/30/20 | 06/30/20 | | |
| Surrogate(s) | Recovery% | | Limi | ts | | | | |
| Toluene-d8 | 102% | | 70-1. | | 06/30/20 | 06/30/20 | | |
| 1.2-Dichloroethane-d4 | 101% | | 70-1 | 30 | 06/30/20 | 06/30/20 | | |
| 4-Bromofluorobenzene | 99.1% | | 70-1. | 30 | 06/30/20 | 06/30/20 | | |

Sample: OW-9

Lab Number: 0F25068-02 (Water)

| | | | Reporting | | | |
|------------------------------------|--------|------|-----------|-------|---------------|-------------------------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| 1,1,1,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1,1-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1,2-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,1-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,2,3-Trichloropropane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,2-Dibromoethane (EDB) | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,2-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 1,3-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 2,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 2-Hexanone | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| 4-Methyl-2-pentanone | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Acetone | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Acetonitrile | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Acrolein | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Acrylonitrile | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Allyl chloride (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Benzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Bromochloromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Bromodichloromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Bromoform | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Carbon Disulfide | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Carbon Tetrachloride | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Chlorobenzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Chloroethane | ND | | 2 | ug/l | 06/30/20 | 06/30/20 |
| Chloroform | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Chloroprene (TIC) | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| cis-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| cis-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Dibromochloromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Dichlorodifluoromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Ethyl Methacrylate (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Ethylbenzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Isobutyl Alcohol (TIC) | ND | | 20 | ug/l | 06/30/20 | 06/30/20 |
| Isodrin (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| 1,3-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Methacrylonitrile (TIC) | ND | | 10 | ug/l | 06/30/20 | 06/30/20 |
| Bromomethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Chloromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| 2-Butanone | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Methyl iodide (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 |
| Methylmethacrylate | ND | | 10 | ug/l | 06/30/20 | 06/30/20 |
| Dibromomethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 |
| Methylene Chloride | ND | | 1 | ug/l | 06/30/20 | ^{06/3} Page 18 of 39 |

Sample: OW-9 (Continued) Lab Number: 0F25068-02 (Water)

| Reporting | | | | | | | | |
|-----------------------------------|-----------|------|-------|-------|---------------|---------------|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | |
| 1,2-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| 1,4-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Propionitrile (TIC) | ND | | 20 | ug/l | 06/30/20 | 06/30/20 | | |
| Styrene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Tetrachloroethene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Methyl t-butyl ether (MTBE) | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Toluene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| trans-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| trans-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| trans-1,4-Dichloro-2-Butene (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 | | |
| Trichloroethene | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Trichlorofluoromethane | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Vinyl acetate (TIC) | ND | | 5 | ug/l | 06/30/20 | 06/30/20 | | |
| Vinyl Chloride | ND | | 1 | ug/l | 06/30/20 | 06/30/20 | | |
| Total xylenes | ND | | 2 | ug/l | 06/30/20 | 06/30/20 | | |
| | | | | | | | | |
| Surrogate(s) | Recovery% | | Limi | ts | | | | |
| Toluene-d8 | 101% | | 70-1. | 30 | 06/30/20 | 06/30/20 | | |
| 1,2-Dichloroethane-d4 | 102% | | 70-1. | 30 | 06/30/20 | 06/30/20 | | |
| 4-Bromofluorobenzene | 100% | | 70-1. | 30 | 06/30/20 | 06/30/20 | | |

Sample: OW-12

Lab Number: 0F25068-03 (Water)

| Reporting | | | | | | | | |
|------------------------------------|--------|------|-------|-------|---------------|-------------------------------|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | |
| 1,1,1,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,1,1-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,1,2-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,1-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,1-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,1-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,2,3-Trichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,2-Dibromoethane (EDB) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,2-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,3-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 2,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 2-Hexanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| 4-Methyl-2-pentanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Acetone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Acetonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Acrolein | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Acrylonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Allyl chloride (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Benzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Bromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Bromodichloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Bromoform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Carbon Disulfide | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Carbon Tetrachloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Chlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Chloroethane | ND | | 2 | ug/l | 06/30/20 | 07/01/20 | | |
| Chloroform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Chloroprene (TIC) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| cis-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| cis-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Dibromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Dichlorodifluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Ethyl Methacrylate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Ethylbenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Isobutyl Alcohol (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 | | |
| Isodrin (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,3-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Methacrylonitrile (TIC) | ND | | 10 | ug/l | 06/30/20 | 07/01/20 | | |
| Bromomethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Chloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 2-Butanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Methyl iodide (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Methylmethacrylate | ND | | 10 | ug/l | 06/30/20 | 07/01/20 | | |
| Dibromomethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Methylene Chloride | ND | | 1 | ug/l | 06/30/20 | ^{07/0} Page 20 of 39 | | |

Sample: OW-12 (Continued) Lab Number: 0F25068-03 (Water)

| Reporting | | | | | | | | |
|-----------------------------------|-----------|------|--------|-------|---------------|---------------|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | |
| 1,2-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| 1,4-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Propionitrile (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 | | |
| Styrene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Tetrachloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Methyl t-butyl ether (MTBE) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Toluene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| trans-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| trans-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| trans-1,4-Dichloro-2-Butene (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Trichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Trichlorofluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Vinyl acetate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | |
| Vinyl Chloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | |
| Total xylenes | ND | | 2 | ug/l | 06/30/20 | 07/01/20 | | |
| Surrogate(s) | Recovery% | | Limits | | | | | |
| Toluene-d8 | 101% | | 70-1 | 30 | 06/30/20 | 07/01/20 | | |
| 1,2-Dichloroethane-d4 | 99.3% | | 70-1 | 30 | 06/30/20 | 07/01/20 | | |
| 4-Bromofluorobenzene | 99.2% | | 70-1 | 30 | 06/30/20 | 07/01/20 | | |

Sample: OW-13

Lab Number: 0F25068-04 (Water)

| | | | Reporting | | | |
|------------------------------------|--------|------|-----------|-------|---------------|--------------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| 1,1,1,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,1-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,2-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2,3-Trichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dibromoethane (EDB) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,3-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2-Hexanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| 4-Methyl-2-pentanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acetone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acetonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acrolein | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acrylonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Allyl chloride (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Benzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromodichloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromoform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Carbon Disulfide | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Carbon Tetrachloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chlorobenzene | 5 | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloroethane | ND | | 2 | ug/l | 06/30/20 | 07/01/20 |
| Chloroform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloroprene (TIC) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| cis-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| cis-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Dibromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Dichlorodifluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Ethyl Methacrylate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Ethylbenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Isobutyl Alcohol (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 |
| Isodrin (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| 1,3-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methacrylonitrile (TIC) | ND | | 10 | ug/l | 06/30/20 | 07/01/20 |
| Bromomethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2-Butanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Methyl iodide (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Methylmethacrylate | ND | | 10 | ug/l | 06/30/20 | 07/01/20 |
| Dibromomethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methylene Chloride | ND | | 1 | ug/l | 06/30/20 | 07/0 Page 22 of 39 |

Sample: OW-13 (Continued)

Lab Number: 0F25068-04 (Water)

| Reporting | | | | | | | | | |
|-----------------------------------|-----------|------|-------|-------|---------------|---------------|--|--|--|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | | | |
| 1,2-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| 1,4-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| Propionitrile (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 | | | |
| Styrene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| Tetrachloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| Methyl t-butyl ether (MTBE) | 3 | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| Toluene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| trans-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| trans-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| trans-1,4-Dichloro-2-Butene (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | | |
| Trichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| Trichlorofluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| Vinyl acetate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | | | |
| Vinyl Chloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | | | |
| Total xylenes | ND | | 2 | ug/l | 06/30/20 | 07/01/20 | | | |
| Surrogate(s) | Recovery% | | Limi | ts | | | | | |
| Toluene-d8 | 100% | | 70-1. | 30 | 06/30/20 | 07/01/20 | | | |
| 1,2-Dichloroethane-d4 | 98.7% | | 70-1. | 30 | 06/30/20 | 07/01/20 | | | |
| 4-Bromofluorobenzene | 100% | | 70-1. | 30 | 06/30/20 | 07/01/20 | | | |

Sample: OW-14

Lab Number: 0F25068-05 (Water)

| | | | Reporting | | | |
|------------------------------------|--------|------|-----------|-------|---------------|--------------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| 1,1,1,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,1-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,2-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2,3-Trichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dibromoethane (EDB) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,3-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2-Hexanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| 4-Methyl-2-pentanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acetone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acetonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acrolein | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acrylonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Allyl chloride (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Benzene | 3 | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromodichloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromoform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Carbon Disulfide | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Carbon Tetrachloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chlorobenzene | 12 | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloroethane | ND | | 2 | ug/l | 06/30/20 | 07/01/20 |
| Chloroform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloroprene (TIC) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| cis-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| cis-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Dibromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Dichlorodifluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Ethyl Methacrylate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Ethylbenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Isobutyl Alcohol (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 |
| Isodrin (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| 1,3-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methacrylonitrile (TIC) | ND | | 10 | ug/l | 06/30/20 | 07/01/20 |
| Bromomethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2-Butanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Methyl iodide (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Methylmethacrylate | ND | | 10 | ug/l | 06/30/20 | 07/01/20 |
| Dibromomethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methylene Chloride | ND | | 1 | ug/l | 06/30/20 | 07/0 Page 24 of 39 |

Sample: OW-14 (Continued) Lab Number: 0F25068-05 (Water)

| | | | Reporting | | | |
|-----------------------------------|-----------|------|-----------|-------|---------------|---------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| 1,2-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,4-Dichlorobenzene | 2 | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Propionitrile (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 |
| Styrene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Tetrachloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methyl t-butyl ether (MTBE) | 6 | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Toluene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,4-Dichloro-2-Butene (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Trichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Trichlorofluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Vinyl acetate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Vinyl Chloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Total xylenes | ND | | 2 | ug/l | 06/30/20 | 07/01/20 |
| | | | | | | |
| Surrogate(s) | Recovery% | | Limi | ts | | |
| Toluene-d8 | 102% | | 70-1. | 30 | 06/30/20 | 07/01/20 |
| 1,2-Dichloroethane-d4 | 101% | | 70-1. | 30 | 06/30/20 | 07/01/20 |
| 4-Bromofluorobenzene | 100% | | 70-1. | 30 | 06/30/20 | 07/01/20 |

Sample: OW-15

Lab Number: 0F25068-06 (Water)

| | | I | Reporting | | | |
|------------------------------------|-------------|-----------|------------------|----------|---------------|------------------------|
| Analyte | Result Qual | | | | Date Prepared | Date Analyzed |
| 1,1,1,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,1-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,2-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2,3-Trichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dibromoethane (EDB) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,3-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2-Hexanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| 4-Methyl-2-pentanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acetone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acetonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acrolein | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acrylonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Allyl chloride (TIC) | ND | | 5 ug/l 06/30/20 | | 06/30/20 | 07/01/20 |
| Benzene | 3 | | 1 ug/l 06/30/20 | | 06/30/20 | 07/01/20 |
| Bromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromodichloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromoform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Carbon Disulfide | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Carbon Tetrachloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chlorobenzene | 16 | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloroform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloroprene (TIC) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| cis-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| cis-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Dibromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Dichlorodifluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Ethyl Methacrylate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Ethylbenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Isobutyl Alcohol (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 |
| Isodrin (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| 1,3-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methacrylonitrile (TIC) | ND | | 10 | ug/l | 06/30/20 | 07/01/20 |
| Bromomethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloromethane | ND | 1 ug/l | | 06/30/20 | 07/01/20 | |
| 2-Butanone | ND | 5 ug/l 06 | | 06/30/20 | 07/01/20 | |
| Methyl iodide (TIC) | ND | | 5 ug/l 06/30/. | | 06/30/20 | 07/01/20 |
| Methylmethacrylate | ND | | 10 ug/l 06/30/20 | | 06/30/20 | 07/01/20 |
| Dibromomethane | ND | | 1 ug/l 06/30/20 | | 06/30/20 | 07/01/20 |
| Methylene Chloride | ND | | 1 | ug/l | 06/30/20 | ^{07/0} Page 2 |

Page 26 of 39

Sample: OW-15 (Continued)

Lab Number: 0F25068-06 (Water)

| | | | Reporting | | | |
|-----------------------------------|-----------|------|-----------|-------|---------------|---------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| 1,2-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,4-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Propionitrile (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 |
| Styrene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Tetrachloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methyl t-butyl ether (MTBE) | 6 | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Toluene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,4-Dichloro-2-Butene (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Trichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Trichlorofluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Vinyl acetate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Vinyl Chloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Total xylenes | ND | | 2 | ug/l | 06/30/20 | 07/01/20 |
| Surrogate(s) | Recovery% | | Limi | ts | | |
| Toluene-d8 | 102% | | 70-1. | 30 | 06/30/20 | 07/01/20 |
| 1,2-Dichloroethane-d4 | 104% | | 70-1. | 30 | 06/30/20 | 07/01/20 |
| 4-Bromofluorobenzene | 99.4% | | 70-1. | 30 | 06/30/20 | 07/01/20 |

Sample: OW-16

Lab Number: 0F25068-07 (Water)

| | | | Reporting | | | |
|------------------------------------|--------|------|-----------|-------|---------------|--------------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| 1,1,1,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,1-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1,2-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,1-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2,3-Trichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dibromoethane (EDB) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,3-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2-Hexanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| 4-Methyl-2-pentanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acetone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acetonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acrolein | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Acrylonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Allyl chloride (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Benzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromodichloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Bromoform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Carbon Disulfide | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Carbon Tetrachloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloroethane | ND | | 2 | ug/l | 06/30/20 | 07/01/20 |
| Chloroform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloroprene (TIC) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| cis-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| cis-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Dibromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Dichlorodifluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Ethyl Methacrylate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Ethylbenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Isobutyl Alcohol (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 |
| Isodrin (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| 1,3-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methacrylonitrile (TIC) | ND | | 10 | ug/l | 06/30/20 | 07/01/20 |
| Bromomethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Chloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 2-Butanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Methyl iodide (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Methylmethacrylate | ND | | 10 | ug/l | 06/30/20 | 07/01/20 |
| Dibromomethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methylene Chloride | ND | | 1 | ug/l | 06/30/20 | 07/0 Page 28 of 39 |

Sample: OW-16 (Continued) Lab Number: 0F25068-07 (Water)

| | | | Reporting | | | |
|-----------------------------------|-----------|------|-----------|-------|---------------|---------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| 1,2-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,4-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Propionitrile (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 |
| Styrene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Tetrachloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methyl t-butyl ether (MTBE) | 1 | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Toluene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,4-Dichloro-2-Butene (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Trichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Trichlorofluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Vinyl acetate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Vinyl Chloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Total xylenes | ND | | 2 | ug/l | 06/30/20 | 07/01/20 |
| | | | | | | |
| Surrogate(s) | Recovery% | | Limi | its | | |
| Toluene-d8 | 101% | | 70-1 | 30 | 06/30/20 | 07/01/20 |
| 1,2-Dichloroethane-d4 | 101% | | 70-1 | 30 | 06/30/20 | 07/01/20 |
| 4-Bromofluorobenzene | 100% | | 70-1 | 30 | 06/30/20 | 07/01/20 |

Sample: OW-17

Lab Number: 0F25068-08 (Water)

| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed | |
|------------------------------------|--------|------|------------------|---------------|---------------|---------------|--|
| 1.1.1.2-Tetrachloroethane | ND | | 1 | ua/l | 06/30/20 | 07/01/20 | |
| 1,1,1-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,1,2-Trichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,1-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,1-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,1-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,2,3-Trichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,2-Dibromoethane (EDB) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,2-Dichloroethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 1,3-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 2,2-Dichloropropane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| 2-Hexanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | |
| 4-Methyl-2-pentanone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | |
| Acetone | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | |
| Acetonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | |
| Acrolein | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | |
| Acrylonitrile | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | |
| Allyl chloride (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | |
| Benzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Bromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Bromodichloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Bromoform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Carbon Disulfide | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Carbon Tetrachloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Chlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Chloroethane | ND | | 2 | ug/l | 06/30/20 | 07/01/20 | |
| Chloroform | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Chloroprene (TIC) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| cis-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| cis-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Dibromochloromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Dichlorodifluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Ethyl Methacrylate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | |
| Ethylbenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Isobutyl Alcohol (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 | |
| Isodrin (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | |
| 1,3-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Methacrylonitrile (TIC) | ND | | 10 | ug/l | 06/30/20 | 07/01/20 | |
| Bromomethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 | |
| Chloromethane | ND | | 1 | ug/l 06/30/20 | | 07/01/20 | |
| 2-Butanone | ND | | 5 | ug/l 06/30/20 | | 07/01/20 | |
| Methyl iodide (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 | |
| Methylmethacrylate | ND | | 10 ug/l 06/30/20 | | 07/01/20 | | |
| Dibromomethane | ND | | 1 ug/l 06/30/20 | | 07/01/20 | | |
| Methylene Chloride | ND | | 1 | ug/l | 06/30/20 | 07/0: Page 3 | |

Page 30 of 39

Sample: OW-17 (Continued) Lab Number: 0F25068-08 (Water)

| | | | Reporting | | | |
|-----------------------------------|-----------|------|-----------|-------|---------------|---------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| 1,2-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| 1,4-Dichlorobenzene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Propionitrile (TIC) | ND | | 20 | ug/l | 06/30/20 | 07/01/20 |
| Styrene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Tetrachloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Methyl t-butyl ether (MTBE) | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Toluene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,2-Dichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,3-Dichloropropene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| trans-1,4-Dichloro-2-Butene (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Trichloroethene | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Trichlorofluoromethane | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Vinyl acetate (TIC) | ND | | 5 | ug/l | 06/30/20 | 07/01/20 |
| Vinyl Chloride | ND | | 1 | ug/l | 06/30/20 | 07/01/20 |
| Total xylenes | ND | | 2 | ug/l | 06/30/20 | 07/01/20 |
| Surrogate(s) | Recovery% | | Limi | ts | | |
| Toluene-d8 | 102% | | 70-1 | 30 | 06/30/20 | 07/01/20 |
| 1,2-Dichloroethane-d4 | 99.3% | | 70-1 | 30 | 06/30/20 | 07/01/20 |
| 4-Bromofluorobenzene | 99.4% | | 70-1 | 30 | 06/30/20 | 07/01/20 |

Quality Control

Total Metals

| Appleto | Posult | Qual | Reporting | Unito | Spike | Source | 04.DEC | %REC | | RPD |
|-----------------------------------|--------|------|-----------|-------|------------|--------------|---------|----------|-----|-----|
| Analyte | Result | Quai | LIIIIL | UTILS | Level | Result | 70REC | LIITIIUS | RPD | |
| Batch: B0F1167 - Metals Digestion | Waters | | | | | | | | | |
| Blank (B0F1167-BLK1) | | | | | Prepared 8 | Analyzed: 06 | 5/26/20 | | | |
| Tin | ND | | 0.005 | mg/l | | | | | | |
| Selenium | ND | | 0.005 | mg/L | | | | | | |
| Antimony | ND | | 0.0001 | mg/L | | | | | | |
| Nickel | ND | | 0.001 | mg/l | | | | | | |
| Copper | ND | | 0.001 | mg/l | | | | | | |
| Chromium | ND | | 0.0001 | mg/L | | | | | | |
| Cobalt | ND | | 0.0001 | mg/L | | | | | | |
| Cadmium | ND | | 0.0001 | mg/L | | | | | | |
| Beryllium | ND | | 0.0001 | mg/L | | | | | | |
| Barium | ND | | 0.001 | mg/l | | | | | | |
| Zinc | ND | | 0.001 | mg/l | | | | | | |
| Arsenic | ND | | 0.0001 | mg/L | | | | | | |
| Thallium | ND | | 0.0001 | mg/L | | | | | | |
| Silver | ND | | 0.0001 | mg/L | | | | | | |
| Vanadium | ND | | 0.0005 | mg/L | | | | | | |
| Lead | ND | | 0.0001 | mg/L | | | | | | |
| LCS (B0F1167-BS2) | | | | | Prepared 8 | Analyzed: 06 | 5/26/20 | | | |
| Antimony | 0.0200 | | 0.0001 | mg/L | 0.0200 | | 100 | 85-115 | | |
| Thallium | 0.0197 | | 0.0001 | mg/L | 0.0200 | | 98.5 | 85-115 | | |
| Tin | 0.020 | | 0.005 | mg/l | 0.0200 | | 102 | 85-115 | | |
| Nickel | 0.194 | | 0.001 | mg/l | 0.200 | | 97.2 | 85-115 | | |
| Copper | 0.188 | | 0.001 | mg/l | 0.200 | | 93.8 | 85-115 | | |
| Arsenic | 0.0199 | | 0.0001 | mg/L | 0.0200 | | 99.6 | 85-115 | | |
| Chromium | 0.0203 | | 0.0001 | mg/L | 0.0200 | | 102 | 85-115 | | |
| Selenium | 0.020 | | 0.005 | mg/L | 0.0200 | | 101 | 85-115 | | |
| Cobalt | 0.0193 | | 0.0001 | mg/L | 0.0200 | | 96.5 | 85-115 | | |
| Zinc | 0.200 | | 0.001 | mg/l | 0.200 | | 99.9 | 85-115 | | |
| Cadmium | 0.0191 | | 0.0001 | mg/L | 0.0200 | | 95.4 | 85-115 | | |
| Beryllium | 0.0200 | | 0.0001 | mg/L | 0.0200 | | 100 | 85-115 | | |
| Silver | 0.0206 | | 0.0001 | mg/L | 0.0200 | | 103 | 85-115 | | |
| Barium | 0.197 | | 0.001 | mg/l | 0.200 | | 98.3 | 85-115 | | |
| Vanadium | 0.0200 | | 0.0005 | mg/L | 0.0200 | | 99.8 | 85-115 | | |
| Lead | 0.0197 | | 0.0001 | mg/L | 0.0200 | | 98.7 | 85-115 | | |

| | | | Quality (Cont | Control inued) | | | | | | |
|----------------------------------|----------|------|--------------------|-------------------|----------------|------------------|-------------|----------------|-----|--------------|
| Total Metals (Continued) | | | | | | | | | | |
| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| Batch: B0F1238 - Metals Cold-Vap | or Mercu | ry | | | | | | | | |
| Blank (B0F1238-BLK1) | | | | Р | repared: 06/3 | 0/20 Analyze | d: 06/29/20 | | | |
| Mercury | ND | | 0.0002 | mg/L | | | | | | |
| LCS (B0F1238-BS1) | | | | Р | repared: 06/3 | 0/20 Analyze | d: 06/29/20 | | | |
| Mercury | 0.0010 | | 0.0002 | mg/L | 0.00100 | | 103 | 85-115 | | |

| | | | Quality (Conti | Control | l | | | | | |
|------------------------------------|--------|------|--------------------|---------|----------------|------------------|---------|----------------|------|--------------|
| /olatile Organic Compounds | | | | | | | | | | |
| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| Batch: B0G0018 - Purge-Trap | | | | | | | | | | |
| Blank (B0G0018-BLK1) | | | | | Prepared 8 | & Analyzed: 0 | 6/30/20 | | | |
| 1,1,1,2-Tetrachloroethane | ND | | 1 | ua/l | | , | -,, - | | | |
| 1,1,1-Trichloroethane | ND | | 1 | ua/l | | | | | | |
| 1,1,2,2-Tetrachloroethane | ND | | 1 | ua/l | | | | | | |
| 1,1,2-Trichloroethane | ND | | 1 | ua/l | | | | | | |
| 1,1-Dichloroethane | ND | | 1 | ua/l | | | | | | |
| 1,1-Dichloroethene | ND | | 1 | ua/l | | | | | | |
| 1,1-Dichloropropene | ND | | 1 | ua/l | | | | | | |
| 1,2,3-Trichloropropane | ND | | 1 | ua/l | | | | | | |
| 1,2-Dibromo-3-chloropropane (DBCP) | ND | | 1 | ua/l | | | | | | |
| 1,2-Dibromoethane (EDB) | ND | | 1 | ua/l | | | | | | |
| 1,2-Dichloroethane | ND | | 1 | ua/l | | | | | | |
| 1.2-Dichloropropane | ND | | 1 | ug/l | | | | | | |
| 1.3-Dichloropropane | ND | | 1 | ug/l | | | | | | |
| 2.2-Dichloropropane | ND | | - 1 | ug/l | | | | | | |
| 2-Hexanone | ND | | 5 | ug/l | | | | | | |
| 4-Methyl-2-pentanone | ND | | 5 | ug/l | | | | | | |
| | ND | | 5 | ug/l | | | | | | |
| Acetonic | | | 5 | ug/l | | | | | | |
| Acceloin | ND | | 5 F | ug/i | | | | | | |
| Acrolent | | | 5 | ug/i | | | | | | |
| Allyl chlorido (TIC) | | | 5 | ug/i | | | | | | |
| Allyl Chloride (TIC) | ND | | 5 | ug/i | | | | | | |
| Delizerie | ND | | 1 | ug/i | | | | | | |
| Bromochioromethane | | | 1 | ug/i | | | | | | |
| Bromodicniorometnane | ND | | 1 | ug/i | | | | | | |
| Bromotorm | ND | | 1 | ug/i | | | | | | |
| | ND | | 1 | ug/i | | | | | | |
| Carbon Tetrachioride | ND | | 1 | ug/i | | | | | | |
| Chlorobenzene | ND | | 1 | ug/I | | | | | | |
| Chloroethane | ND | | 1 | ug/I | | | | | | |
| Chloroform | ND | | 1 | ug/I | | | | | | |
| Chloroprene (TIC) | ND | | 1 | ug/l | | | | | | |
| cis-1,2-Dichloroethene | ND | | 1 | ug/l | | | | | | |
| cis-1,3-Dichloropropene | ND | | 1 | ug/l | | | | | | |
| Dibromochloromethane | ND | | 1 | ug/l | | | | | | |
| Dichlorodifluoromethane | ND | | 1 | ug/l | | | | | | |
| Ethyl Methacrylate (TIC) | ND | | 5 | ug/l | | | | | | |
| Ethylbenzene | ND | | 1 | ug/l | | | | | | |
| Isobutyl Alcohol (TIC) | ND | | 20 | ug/l | | | | | | |
| Isodrin (TIC) | ND | | 5 | ug/l | | | | | | |
| 1,3-Dichlorobenzene | ND | | 1 | ug/l | | | | | | |
| Methacrylonitrile (TIC) | ND | | 10 | ug/l | | | | | | |
| Bromomethane | ND | | 1 | ug/l | | | | | | |
| Chloromethane | ND | | 1 | ug/l | | | | | | |
| 2-Butanone | ND | | 5 | ug/l | | | | | | |
| Methyl iodide (TIC) | ND | | 5 | ug/l | | | | | | |
| Methylmethacrylate | ND | | 10 | ug/l | | | | | | |
| Dibromomethane | ND | | 1 | ug/l | | | | | | |
| Methylene Chloride | ND | | 1 | ug/l | | | | | | |
| 1,2-Dichlorobenzene | ND | | 1 | ug/l | | | | | | |
| 1,4-Dichlorobenzene | ND | | 1 | ug/l | | | | | | |
| Propionitrile (TIC) | ND | | 20 | ug/l | | | | | | |
| Styrene | ND | | 1 | ug/l | | | | | | |
| Tetrachloroethene | ND | | 1 | ug/l | | | | | | |
| Methyl t-butyl ether (MTBE) | ND | | 1 | ug/l | | | | | | |
| Toluene | ND | | 1 | ug/l | | | | | | |
| trans-1,2-Dichloroethene | ND | | 1 | ug/l | | | | | | |
| trans-1,3-Dichloropropene | ND | | 1 | ug/l | | | | | Deet | 04 - 1 / |

Quality Control (Continued)

Volatile Organic Compounds (Continued)

| Anopie Read Qual Linet Linet Read WEEC Linet RPD Linet Batch: BAGCD18 - Purge-Trap (Continued) Batch: Pergand & Analyzed: 06/30/20 Trist-Outboox-Setters (TL) ND 5 Ugft Setter (TC) ND 5 Ugft Trist-Monos-Setters (TL) ND 1 Ugft Setter (TC) ND 1 Ugft Virg Contain (TC) ND 1 Ugft Store 202 70-129 Storegate: Zabers (Contained) 90 1 Ugft Store 202 70-129 Storegate: Zabers (Contained) 90 90 93.3 70.130 11.121 Lintrist-Relevand Macrotenzer 50.5 Ugft 50.0 93.3 70.130 11.12.111 Lintrist-Relevand Macrotenzer 50.5 Ugft 50.0 93.0 70.180 11.12.111 Lintrist-Relevand Macrotenzer 50.0 Ugft 50.0 93.0 70.180 11.12.111 11.111 <td< th=""><th></th><th></th><th></th><th>Reporting</th><th></th><th>Snike</th><th>Source</th><th></th><th>%REC</th><th></th><th>RPD</th></td<> | | | | Reporting | | Snike | Source | | %REC | | RPD |
|---|-----------------------------------|----------------|------|-----------|----------|------------|----------------|--------------|------------------|-----|-------|
| Prepared & Analyzet: 06/30/20 Back: BGG0018 - Funge-Trap (Continued) Prepared & Analyzet: 06/30/20 Bank (BG0003 - BLK1) Prepared & Analyzet: 06/30/20 Trichtorhumenheime ND 1 Up1 Wrig Gatalie ND 1 Up1 Wrig Gatalie ND 2 Up1 Wrig Gatalie ND 2 Up1 Star of Array ND 2 Prepared & Analyzet: 06/20/20 Stargate: Analyzet: Discoverbare Stargate: Analyzet: 06/20/20 Prepared & Analyzet: 06/20/20 L1,12-Tricordinate 46 Up1 Stargate: Analyzet: 06/20/20 L1,12-Tricordinate 48 Up1 Prepared & Analyzet: 06/20/20 L1,12-Tricordinate 48 Up1 Stargate: Analyzet: 06/20/20 L1,12-Tricordinate 49 Up1 Stargate: Analyzet: 06/20/20 L1,12-Tricordinate 49 Up1 Stargate Analyzet: 06/20/20 | Analyte | Result | Qual | Limit | Units | Level | Result | %REC | Limits | RPD | Limit |
| Barka (Bood): | , | | - | | | | | | | | |
| Bian (Leicolos -Bukt) Present 8 Analyzet 06/33/02 Tinchowaterine Main ND 1 Ug1 Tinchowaterine Main ND 1 Ug1 Wink acotat (TK) ND 3 Ug1 Wink acotat (TK) ND 3 Ug1 Tinchowaterine Main Main Main Main Main Main Main Main | Batch: B0G0018 - Purge-Tra | p (Continued) | | | | | | | | | |
| basis basis ugl Trideraches NO 1 ugl Very lacatal NO 1 ugl Wery Christen NO 1 ugl Swagar: Takaneed NO 1 ugl Swagar: Takaneed NO 1 ugl Swagar: Takaneed NO 1 Ugl NO Swagar: Takaneed NO 1 Ugl NO NO Swagar: Takaneed NO 1 Ugl NO NO NO Swagar: Takaneed NO 1 Ugl NO NO NO Statistenstam 9 Ugl Statistenstam NO NO NO Statistenstam < | Blank (B0G0018-BLK1) | | | | | Prepared 8 | & Analyzed: 06 | 5/30/20 | | | |
| Indicolutions NO 1 Ug/l Vin/stacts (TK) NO 5 Ug/l Vin/stacts (TK) NO 2 Ug/l TGS sylars NO 2 Ug/l Ampair: Total sylars NO 2 Ug/l Simple: Table Sylars Sto7 10/l Sto7 10/l Simple: Table Sylars Sto7 Ug/l Sto7 10/l 72/l0 Simple: Table Sylars Sto7 Ug/l Sto7 10/l 72/l0 LCE (BOCO18-ES1) ************************************ | trans-1,4-Dichloro-2-Butene (TIC) | ND | | 5 | ug/l | | | | | | |
| Trichlonomethane N0 1 ug/l Vinyl acota (TCD) N0 1 ug/l Singer: Disensed? N0 2 ug/l Singer: Disensed? Singer: Disensed? Singer: Disensed? Singer: Disensed? Singer: Disensed? Singer: Disensed? Singer: Disensed? Singer: Disensed? Singer: Disensed? Singer: Disensed? Singer: Disensed? Singer: Disensed? L1,12 frechomethere 9 Ug/l Songer: Disensed? Singer: Disensed? L1,23 frechomethere 9 Ug/l Songer: Disensed? Singer: Disensed? L2,24 frechomethere 9 Ug/l Songer: Disensed? Singer: Disensed? L2,24 frechomethere | Trichloroethene | ND | | 1 | ug/l | | | | | | |
| Mm actab (TIC) MD 5 ug/l Tidat systems MD 2 ug/l Simpage: Touche actab (State (State actab (State actab (State (State actab (State (S | Trichlorofluoromethane | ND | | 1 | ug/l | | | | | | |
| Wy, Dixida ND 1 Ug/l Surgase: 7 Journe de Surgase: 7 Journe de Surg | Vinyl acetate (TIC) | ND | | 5 | ug/l | | | | | | |
| Total wijeries ND I ug/I Sarragate: Tacketorestheresoff SG 2 ug/I SU 2 0/I PC 20 Sarragate: I-2Relationstheresoff SG 2 ug/I SU 20 PC 20 PC 20 L11.12/Tetachlorestheresoff SU 20 Ug/I SU 00 PS 3 PC 30 L11.12/Tetachloresthere 48 ug/I SU 0 PS 3 PC 30 L1.12/Tetachloresthere 49 ug/I SU 0 PS 3 PC 30 L1.12/Tetachloresthere 49 ug/I SU 0 PS 4 PC 30 L1.12/Tetachloresthere 90 ug/I SU 0 PS 4 PC 30 L1.12/Tetachloresthere 90 Ug/I SU 0 PS 4 PC 30 L1.12/Tetachloresthere 90 Ug/I SU 0 PD 30 PC 30 L1.201choresthere 90 Ug/I SU 0 PD 30 PC 30 L2.201choresthere 90 Ug/I SU 0 PD 30 PC 30 L2.201choresthere 90 | Vinyl Chloride | ND | | 1 | ug/l | | | | | | |
| simple 50.6 (g) 50.0 40.0 70.470 Simple 1: Journal 1: | Total xylenes | ND | | 2 | ug/l | | | | | | |
| Surger: 1,2 Dicherentane 4 S0.7 ugl S0.0 107 70.10 LCE (B0C003-851) Perpared 8 Analyzet: 00/30/2 No.10 70-13 1,1,1 -7richronschune 48 ugl S0.0 95.3 70-13 1,1,1 -7richronschune 49 ugl S0.0 95.6 70-13 1,1,2 -7richronschune 49 ugl S0.0 95.8 70-13 1,1 -7richronschune 49 ugl S0.0 95.8 70-13 1,1 -7richronschune 49 ugl S0.0 95.4 70-13 1,1 -7richronschune 90 ugl S0.0 95.8 70-13 1,2 -7richronschune 90 ugl S0.0 95.8 70-13 1,2 -7richronschune 90 ugl S0.0 10.1 70-130 1,2 -7richronschune 90 ugl S0.0 10.1 70-130 1,2 -7richronschune 90 ugl S0.0 10.1 70-130 1,2 -7richronschune 90 | Surrogate: Toluene-d8 | | | 50.6 | ua/l | 50.0 | | 101 | 70-130 | | |
| Sympatie + Attonachanome 91.7 00.7 79.10 LSS (upped) Properd & Analyzet: 06/10/20 1.1.1.2-Tetathonombane 50 upf. 50.0 57.3 1.1.2-Tetathonombane 50 upf. 50.0 57.3 1.1.2-Tetathonompane 40 upf. 50.0 50.0 1.2-Tothonompane 40 upf. 50.0 50.0 70.130 1.2-Dihonompane 40 upf. 50.0 10.0 70.130 1.2-Dihonompane 40 upf. 50.0 10.0 70.130 1.2-Dihonompane 50 upf. 50.0 10.0 70.130 1.2-Dihonompane 50 upf. 50.0 10.0 70.130 1.2-Dihonompane 50 upf. 50.0 10.0 70.130 | Surrogate: 1,2-Dichloroethane-d4 | | | 50.7 | ua/l | 50.0 | | 101 | 70-130 | | |
| LCS (B0G0018-BS1) Prepared & Analyzed: 06/30/20 1.1.1.2 Technolinotebine 49 ug/l 50.0 100.2 70:130 1.1.2.2 Technolinotebine 48 ug/l 50.0 100.2 70:130 1.1.2.2 Technolinotebine 48 ug/l 50.0 95.3 70:130 1.1.2.2 Technolinotebine 49 ug/l 50.0 95.4 70:130 1.1.2.2 Technolinotebine 49 ug/l 50.0 95.0 70:130 1.2.2 Technolinotebine 49 ug/l 50.0 95.0 70:130 1.2.2 Technolinotebine 51 ug/l 50.0 101 70:130 1.2.2 Delitoreactine 52 ug/l 50.0 102 70:130 1.2.2 Delitoreactine 51 ug/l </td <td>Surrogate: 4-Bromofluorobenzene</td> <td></td> <td></td> <td>50.3</td> <td>ua/l</td> <td>50.0</td> <td></td> <td>101</td> <td>70-130</td> <td></td> <td></td> | Surrogate: 4-Bromofluorobenzene | | | 50.3 | ua/l | 50.0 | | 101 | 70-130 | | |
| Las Tentholocational (Construction) Provide a final (Construction) 1.1.1.2.7 (Enclutionstame) 50 55.3 70.130 1.1.1.7 (Inclutionstame) 50 Ug/l 50.0 55.3 70.130 1.1.2.7 (Inclutionstame) 48 Ug/l 50.0 50.4 70.130 1.1.2.7 (Inclutionstame) 50 Ug/l 50.0 50.4 70.130 1.1.2.7 (Inclutionstame) 50 Ug/l 50.0 50.0 70.130 1.1.2.7 (Inclutionstame) 50 Ug/l 50.0 50.0 70.130 1.2.2.7 (Inclutionstame) 50 Ug/l 50.0 70.130 70.130 1.2.7 (Inclutionstame) 50 Ug/l 50.0 70.130 70.130 2.2.7 (Inclutionstame) 50 | | | | | <u> </u> | Prenared 8 | Analyzed: Of | 5/30/20 | | | |
| 1.1.1.7.div.sci.00000000000000000000000000000000000 | 1 1 1 2-Tetrachloroethane | 48 | | | ua/l | 50.0 | x Analyzeu. Ot | 05 3 | 70-130 | | |
| 1.1.2.*ifanitoscientame 26 0.03 7.03 7.043 1.1.2.*ifanitoscientame 48 0.01 50.0 95.6 70-130 1.1.0.*initoscientame 50 0.01 70-130 70-130 1.1.0.*initoscientame 47 0.01 50.0 95.0 70-130 1.1.0.*initoscientame 49 0.01 50.0 96.0 70-130 1.2.2.*initoscience 49 0.01 50.0 96.0 70-130 1.2.*Ditomosthame (EDB) 50 0.01 70-130 70-130 1.2.*Ditomosthame (EDB) 50 0.01 70-130 70-130 1.2.*Ditomosthame (EDB) 50 0.01 70-130 70-130 1.2.*Dictionscriptame 50 0.01 70-130 70-130 1.2.*Dictionscriptame 50 0.01 70-130 70-130 2.*Dictionscriptame 50 0.01 70-130 70-130 2.*Dictionscriptame 50 0.01 70-130 70-130 2.*Dictionscriptam | 1 1 1-Trichloroethane | 50 | | | ug/i | 50.0 | | 100 | 70-130 | | |
| 1,1,2-inclinatesime 48 Ug/1 50.0 95.6 70-130 1,1.1.Chickonethane 50 Ug/1 50.0 95.6 70-130 1,1.Dickhonethane 47 Ug/1 50.0 95.6 70-130 1,1.Dickhonethane 49 Ug/1 50.0 95.6 70-130 1,2.Dickhonethane (CBCP) 48 Ug/1 50.0 101 70-130 1,2.Dickhonethane (CBCP) 48 Ug/1 50.0 101 70-130 1,2.Dickhonethane (CBCP) 49 Ug/1 50.0 101 70-130 2.Dickhonethane (CBCP) 49 Ug/1 50.0 101 70-130 2.Dic | 1,1,2 - Totrachloroothano | 18 | | | ug/i | 50.0 | | 05.3 | 70-130 | | |
| 1.1. Dickloredhame 30 0.00 9.00 9.00 9.00 1.1. Dickloredhame 47 0.01 50.0 50.0 70-130 1.1. Dickloredhame 50 0.01 50.0 50.0 70-130 1.2. Dickloredpropane 49 0.01 50.0 50.0 70-130 1.2. Dickloredpropane 51 0.01 50.0 101 70-130 1.2. Dickloredpropane 49 0.01 50.0 96.0 70-130 1.3. Dickloredpropane 49 0.01 101 70-130 1.3. Dickloredpropane 50 0.01 101 70-130 2.4 Dickloredpropane 50 0.01 70-130 70-130 2.4 Dickloredpropane 50 0.01 70-130 70-130 Accelera 60 0.01 50.0 112 70-130 Accelera 60 0.01 50.0 112 70-130 Accelera 0.01 50.0 0.01 70-130 70-130 <td>1 1 2-Trichloroethane</td> <td>48</td> <td></td> <td></td> <td>ug/i</td> <td>50.0</td> <td></td> <td>95.5</td> <td>70-130</td> <td></td> <td></td> | 1 1 2-Trichloroethane | 48 | | | ug/i | 50.0 | | 95.5 | 70-130 | | |
| 1.1 Dickloredne 3.7 0.03 3.7 7.10 1.1 Dickloredne 47 ug/l 50.0 70.130 1.2 Dickloredne 50 ug/l 50.0 70.130 1.2 Dickloredne 50 ug/l 50.0 70.130 1.2 Dickloredne 50 ug/l 50.0 101 70.130 2.2 Dickloredne 50 ug/l 50.0 101 70.130 2.4 Dickloredne 50 ug/l 50.0 101 70.130 2.4 Dickloredne 50 ug/l 50.0 102 70.130 Acetane 49 ug/l 50.0 101 70.130 Bornednichroenethane 50 ug/l 50.0 102 70.130 Bornednichroenethan | 1 1-Dichloroethane | 50 | | | ug/i | 50.0 | | 99.0 00.4 | 70-130 | | |
| 1,1-Dichiorgropene 50 Ug/I 50.0 92.00 72.10 1,2-Dichiorg-Schoorgopene (DCP) 49 Ug/I 50.0 98.0 70-130 1,2-Dichiorg-Schoorgopene (DCP) 48 Ug/I 50.0 101.0 70-130 1,2-Dichiorg-Schoorgopene (DCP) 48 Ug/I 50.0 101.7 70-130 1,2-Dichiorg-Schoorgopene (DCP) 49 Ug/I 50.0 101.7 70-130 1,2-Dichiorg-Schoorgopene (DCP) 49 Ug/I 50.0 101.7 70-130 2,2-Dichiorgopene 49 Ug/I 50.0 101.7 70-130 2,2-Dichiorgopene 50 Ug/I 50.0 101.7 70-130 2-Areatone 50 Ug/I 50.0 101.7 70-130 Actorie 50 Ug/I 50.0 102.7 70-130 Bromochioromethane 50 Ug/I 50.0 101.7 70-130 Bromochioromethane 50 Ug/I 50.0 101.7 70-130 | 1,1-Dichloroothono | 50 47 | | | ug/i | 50.0 | | 05.0 | 70-130 | | |
| 1, 1, 2, 3 rick/incorpone 3, 0 0, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1, 0 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 1, 1 | 1,1-Dichloropropopo | 50 | | | ug/i | 50.0 | | 101 | 70-130 | | |
| 1,2-Pintonologopane (DBCP) 49 ug/l 5.01 95.6 70-130 1,2-Dioromochane (EDB) 50 ug/l 5.01 10.1 70-130 1,2-Dioromochane (EDB) 50 ug/l 5.00 10.3 70-130 1,2-Dioromochane (EDB) 50 ug/l 5.00 95.8 70-130 1,3-Dickloropropane 49 ug/l 5.00 97.4 70-130 2-Dickloropropane 53 ug/l 5.00 10.1 70-130 2-texanone 56 ug/l 50.0 11.2 70-130 Acrolein ND 5 ug/l 50.0 11.2 70-130 Acrolein ND 5 ug/l 50.0 11.2 70-130 Berzene 49 ug/l 50.0 10.2 70-130 Berzene 10 ug/l 50.0 10.1 70-130 Berzene 10 ug/l 50.0 10.1 70-130 Berzene 10 ug/l 50.0 10.1 70-130 Carbon Etrachloride 52 | 1,1-Dichloropropene | J0 | | | ug/i | 50.0 | | 101 | 70-130 | | |
| 1,2-binnethere (2bb) 50 101 70-130 1,3-binnethere (2bb) 50 101 70-130 1,3-binnethere (2bb) 50 101 70-130 2,2-binnethere (2bb) 50 101 70-130 2,2-binnethere (2bb) 50 101 70-130 2,2-binnethere (2bb) 50 101 70-130 Acetore 50 101 50.0 102 70-130 Acetore 50 101 50.0 93.3 70-130 Bromochoromethane 50 101 50.0 93.3 70-130 Bromochoromethane 50 101 50.0 102 70-130 Bromochoromethane 52 101 50.0 104 70-130 Carbon Disulfie 52 101 50.0 104 70-130 Carbon Sulfie 50 101 50.0 104 70-1 | 1,2,3- Therior optoparte | 49 | | | ug/i | 50.0 | | 90.U | 70-130 | | |
| 1,2-bolinorethane 50 Ug/l 50.0 101 70-130 1,2-bolinorpropane 49 Ug/l 50.0 101 70-130 1,2-bolinorpropane 50 Ug/l 50.0 101 70-130 2-bolinorpropane 50 Ug/l 50.0 101 70-130 2-bolinorpropane 53 Ug/l 50.0 101 70-130 4-kethyl-pertanone 56 Ug/l 50.0 112 70-130 Acctone 56 Ug/l 50.0 91.1 70-130 Acctone 50 Ug/l 50.0 92.1 70-130 Berzene 49 Ug/l 50.0 99.1 70-130 Bromodinormethane 50 Ug/l 50.0 99.3 70-130 Bromodinormethane 57 Ug/l 50.0 101 70-130 Carbon Tetrachoride 57 Ug/l 50.0 101 70-130 Chiorotethane 50 Ug/l 50.0 | 1,2 Dibromosthana (EDR) | 40 E0 | | | ug/i | 50.0 | | 95.0 | 70-130 | | |
| 1.2 - Debinogrome 3.1 Ug/I 50.0 10.1 70-130 1.2 - Debinogropane 50 Ug/I 50.0 97.4 70-130 2 Debinogropane 50 Ug/I 50.0 97.4 70-130 2 Debinogropane 50 Ug/I 50.0 106 70-130 A-Methyl-2-pertanone 50 Ug/I 50.0 112 70-130 Acctone 50 Ug/I 50.0 112 70-130 Acctone 50 Ug/I 50.0 98.2 70-130 Benzene 49 Ug/I 50.0 99.3 70-130 Bromochloromethane 50 Ug/I 50.0 102 70-130 Bromochloromethane 52 Ug/I 50.0 101 70-130 Carbon Disulfide 52 Ug/I 50.0 101 70-130 Carbon Chronethane 57 Ug/I 50.0 101 70-130 Chronormethane 50 Ug/I 50.00 | 1,2-Diplomoethane (EDB) | 50 | | | ug/i | 50.0 | | 101 | 70-130 | | |
| 1.3-Dichloropropane 50 Ug/l 500 10.3 70-130 2.2-Dichloropropane 49 Ug/l 50.0 97.4 70-130 2.4-Dichloropropane 53 Ug/l 50.0 101 70-130 2.4-Dichloropropane 53 Ug/l 50.0 101 70-130 Anterion 56 Ug/l 50.0 98.2 70-130 Acrotein 50 Ug/l 50.0 98.2 70-130 Bromochloromethane 50 Ug/l 50.0 98.3 70-130 Bromochloromethane 51 Ug/l 50.0 98.2 70-130 Bromochloromethane 52 Ug/l 50.0 98.3 70-130 Bromochloromethane 52 Ug/l 50.0 101 70-130 Bromochloromethane 52 Ug/l 50.0 101 70-130 Carbon Tetrachloride 52 Ug/l 50.0 101 70-130 Chloroberzene 50 Ug/l 50.0 97.5 70-130 Chloroberzene 51 Ug/l | 1 2-Dichloropropage | 40 | | | ug/i | 50.0 | | 08.0 | 70-130 | | |
| 1.2. Public information 5.0 1.01 1.02 1.0 | 1.2-Dichloropropane | 1 5 | | | ug/i | 50.0 | | 101 | 70-130 | | |
| Z-becanoe 50 ug/l 50.0 57.4 70-1.0 Z-becanoe 50 ug/l 50.0 101 70-130 Acctole 56 ug/l 50.0 112 70-130 Acctole 56 ug/l 50.0 98.2 70-130 Benzene 49 ug/l 50.0 98.2 70-130 Bromodichloromethane 50 ug/l 50.0 99.3 70-130 Bromodichloromethane 50 ug/l 50.0 102 70-130 Gromochloromethane 50 ug/l 50.0 101 70-130 Carbon Tetrachloride 52 ug/l 50.0 101 70-130 Chlorobtanzene 50 ug/l 50.0 101 70-130 Chlorobtanzene 52 ug/l 50.0 101 70-130 Chlorobtanzene 52 ug/l 50.0 103 70-130 Cisl-J-Dichlorobtenzene 52 ug/l 50.0 102 | 2.2-Dichloropropane | J0 | | | ug/i | 50.0 | | 07.4 | 70-130 | | |
| Artestandre 5.3 ug/l 5.0 1.00 7.01.0 Actobe 56 ug/l 50.0 11.2 70-130 Acrobein 50 ug/l 50.0 11.2 70-130 Acrobein 50 ug/l 50.0 99.1 70-130 Bromochloromethane 50 ug/l 50.0 99.3 70-130 Bromochloromethane 50 ug/l 50.0 99.3 70-130 Carbon Disulfide 55 ug/l 50.0 11.0 70-130 Carbon Tetrachloride 52 ug/l 50.0 11.4 70-130 Chlorobethane 57 ug/l 50.0 11.4 70-130 Chlorobethane 57 ug/l 50.0 11.4 70-130 Chlorobethane 52 ug/l 50.0 13.7 70-130 Chlorobethane 52 ug/l 50.0 13.7 70-130 Chlorobethane 52 ug/l 50.0 10.1 <td>2.Hovanono</td> <td>52</td> <td></td> <td></td> <td>ug/i</td> <td>50.0</td> <td></td> <td>106</td> <td>70-130</td> <td></td> <td></td> | 2.Hovanono | 52 | | | ug/i | 50.0 | | 106 | 70-130 | | |
| Interpretation 30 101 70-130 Actorien 56 101 50.0 112 70-130 Acrolein ND 5 101 50.0 98.2 70-130 Benzene 49 101 50.0 99.1 70-130 Bromochloromethane 50 102/l 50.0 102 70-130 Bromochloromethane 50 102/l 50.0 102 70-130 Carbon Disulide 52 102/l 50.0 104 70-130 Chlorobenzene 50 102/l 50.0 104 70-130 Chlorobenzene 57 102/l 50.0 104 70-130 Chlorobenzene 57 102/l 50.0 104 70-130 Chlorobenzene 57 102/l 50.0 104 70-130 Chlorobenzene 52 102/l 50.0 103 70-130 Dichlorobenzene 51 102/l 50.0 101 70-130 < | 4 Methyd 2 poptanona | 55 | | | ug/i | 50.0 | | 100 | 70-130 | | |
| Actode301030.011.270-130Actode49ug/l50.098.270-130Branachloromethane50ug/l50.099.370-130Bromodichloromethane50ug/l50.010270-130Bromodichloromethane51ug/l50.010270-130Carbon Disulfide52ug/l50.010470-130Carbon Tetrachloride52ug/l50.010470-130Chlorobenzene50ug/l50.011470-130Chlorobethane57ug/l50.099.570-130Chlorobethane52ug/l50.099.670-130Chlorobethane52ug/l50.099.670-130cis-1,2-Dichloropthene50ug/l50.099.670-130Dibromochloromethane52ug/l50.010370-130Dibromochloromethane52ug/l50.010170-130Dibromochloromethane52ug/l50.010170-130Dibromochloromethane58ug/l50.010270-130Dibromochloromethane51ug/l50.010270-130Chlorobenzene51ug/l50.010170-130Dibromochloromethane52ug/l50.010170-130Dibromochloromethane51ug/l50.010170-130Chlorobenzene51ug/l50.0 </td <td>4-Methyl-2-pentatione</td> <td>50</td> <td></td> <td></td> <td>ug/i</td> <td>50.0</td> <td></td> <td>101</td> <td>70-130</td> <td></td> <td></td> | 4-Methyl-2-pentatione | 50 | | | ug/i | 50.0 | | 101 | 70-130 | | |
| AL Jonain No S Ug/l 50.0 98.2 70-130 Bromachloromethane 50 ug/l 50.0 99.1 70-130 Bromadchloromethane 50 ug/l 50.0 99.3 70-130 Bromadchloromethane 50 ug/l 50.0 102 70-130 Carbon Disulfide 55 ug/l 50.0 104 70-130 Carbon Tetrachloride 52 ug/l 50.0 101 70-130 Chlorosthane 57 ug/l 50.0 101 70-130 Chlorosthane 57 ug/l 50.0 114 70-130 Chlorosthane 50 ug/l 50.0 93.5 70-130 Chlorosthane 50 ug/l 50.0 93.5 70-130 Dichoropropene 52 ug/l 50.0 94.6 70-130 Dichorosthane 52 ug/l 50.0 103 70-130 Dichorosthane 52 ug/l 50.0 103 70-130 Dichorodmuoromethane 52 ug/l <td>Acceloine</td> <td>00</td> <td></td> <td>F</td> <td>ug/i</td> <td>50.0</td> <td></td> <td>112</td> <td>70-130 60 140</td> <td></td> <td></td> | Acceloine | 00 | | F | ug/i | 50.0 | | 112 | 70-130 60 140 | | |
| betzeite 9 0,0,1 50.0 99.1 70-130 Bromcoliconorethane 50 ug/l 50.0 99.3 70-130 Bromcoliconorethane 50 ug/l 50.0 102 70-130 Bromcoliconorethane 51 ug/l 50.0 110 70-130 Carbon Disulfide 52 ug/l 50.0 104 70-130 Chlorobenzene 50 ug/l 50.0 104 70-130 Chlorobenzene 57 ug/l 50.0 114 70-130 cis-1,2-Dichloroethane 70 ug/l 50.0 99.6 70-130 cis-1,2-Dichloroethane 52 ug/l 50.0 99.6 70-130 cis-1,2-Dichloroethane 52 ug/l 50.0 103 70-130 Dibromchloromethane 52 ug/l 50.0 101 70-130 Dichlorodhoromethane 52 ug/l 50.0 102 70-130 Dichorodhoromethane 10 <t< td=""><td>Ronzono</td><td>10</td><td></td><td>5</td><td>ug/i</td><td>50.0</td><td></td><td>08.2</td><td>70-130</td><td></td><td></td></t<> | Ronzono | 10 | | 5 | ug/i | 50.0 | | 08.2 | 70-130 | | |
| Brondchiotomethane 50 Ug/l 50.0 95.1 70-10 Brondchiotomethane 50 Ug/l 50.0 102 70-130 Carbon Disulfide 55 Ug/l 50.0 104 70-130 Carbon Disulfide 52 Ug/l 50.0 104 70-130 Choroberzene 50 Ug/l 50.0 104 70-130 Choroberzene 50 Ug/l 50.0 104 70-130 Choroberzene 57 Ug/l 50.0 97.6 70-130 Choroberzene 50 Ug/l 50.0 97.6 70-130 cis-1,2-Dichioroptene 50 Ug/l 50.0 97.6 70-130 cis-1,3-Dichioroptene 52 Ug/l 50.0 103 70-130 Dichorodifluoromethane 52 Ug/l 50.0 101 70-130 Dichorodifluoromethane 52 Ug/l 50.0 102 70-130 1,3-Dichiorobenzene 51 Ug/l | Bromochloromothano | 1 5 | | | ug/i | 50.0 | | 90.2 | 70-130 | | |
| Bromoform 50 Ug/l 50.0 10.1.0 Carbon Disulfide 51 Ug/l 50.0 110 70-130 Carbon Disulfide 52 Ug/l 50.0 104 70-130 Carbon Disulfide 52 Ug/l 50.0 101 70-130 Chlorobenzene 50 Ug/l 50.0 101 70-130 Chlorobenzene 57 Ug/l 50.0 93.5 70-130 Chlorobenzene 57 Ug/l 50.0 93.5 70-130 Chloroform 47 Ug/l 50.0 93.5 70-130 Cis-1,3-Dichloropropene 50 Ug/l 50.0 96.6 70-130 Dibromochloromethane 52 Ug/l 50.0 101 70-130 Dichorodifluoromethane 52 Ug/l 50.0 101 70-130 Bromomethane 51 Ug/l 50.0 102 70-130 Lichorodifluoromethane 51 Ug/l 50.0 1 | Bromodichloromethane | 50 | | | ug/i | 50.0 | | 99.1 | 70-130 | | |
| Disklinder Frage Ug/l 5.0 1.02 7.0 E.D Carbon Disulifide 52 Ug/l 50.0 104 7.0 E.D Carbon Tetrachloride 52 Ug/l 50.0 101 7.0 E.D Chlorobenzene 50 Ug/l 50.0 114 7.0 E.D Chlorobertane 57 Ug/l 50.0 114 7.0 E.D Chlorobertane 47 Ug/l 50.0 93.5 7.0 E.D Chloroform 47 Ug/l 50.0 93.5 7.0 E.D cis 1.2 Dichloroptenene 50 Ug/l 50.0 93.6 7.0 E.D Dibromochloromethane 52 Ug/l 50.0 103 7.0 E.D Dichorodifluoromethane 52 Ug/l 50.0 101 7.0 E.D J.3-Dichloroberzene 50 Ug/l 50.0 102 7.0 E.D J.3-Dichloroberzene 51 Ug/l 50.0 102 7.0 E.D J.3-Dichloroberzene 51 < | Bromoform | 50 | | | ug/i | 50.0 | | 102 | 70-130 | | |
| Carbon Estantación53ug/l50011070-130Carbon Tetarchioride52ug/l50.010170-130Chlorobenzene57ug/l50.011470-130Chloroothane77ug/l50.011470-130Chloroothane47ug/l50.093.570-130cis-1,2-Dichloroothene99ug/l50.097.670-130cis-1,2-Dichloroothene52ug/l50.090.670-130Dibromochloromethane52ug/l50.064.570-130Dichlorodifluoromethane32ug/l50.064.570-130Ethylbenzene51ug/l50.010270-130Dichlorodifluoromethane52ug/l50.010270-130Ethylbenzene51ug/l50.010270-130Dichlorodifluoromethane52ug/l50.010270-130Chloromethane51ug/l50.010270-130Dichoromethane52ug/l50.010270-130Chloromethane51ug/l50.010270-130J-Dichlorobenzene51ug/l50.010170-130J-Dichlorobenzene51ug/l50.010170-130J-Dichlorobenzene51ug/l50.010170-130J-Dichlorobenzene51ug/l50.010170-130J-Dichlorobenzene51ug/l | Carbon Disulfide | 55 | | | ug/i | 50.0 | | 102 | 70-130 | | |
| Chiorobenzene 52 ug/l 50.0 104 70-130 Chiorobenzene 57 ug/l 50.0 114 70-130 Chiorobenzene 47 ug/l 50.0 93.5 70-130 cis-1,3-Dichloroethene 49 ug/l 50.0 97.6 70-130 cis-1,3-Dichloropropene 50 ug/l 50.0 97.6 70-130 Dichorodifluoromethane 52 ug/l 50.0 103 70-130 Dichorodifluoromethane 52 ug/l 50.0 101 70-130 Dichorodifluoromethane 52 ug/l 50.0 101 70-130 Dichorodifluoromethane 52 ug/l 50.0 102 70-130 Bromomethane 58 ug/l 50.0 116 70-130 Subornomethane 49 ug/l 50.0 91.1 70-130 Dibromomethane 49 ug/l 50.0 91.1 70-130 1,4-Dichlorobenzene 51 < | Carbon Tetrachloride | 55 | | | ug/i | 50.0 | | 104 | 70-130 | | |
| Chlorodchizche 35 ug/l 50.0 101 70.130 Chlorothane 57 ug/l 50.0 93.5 70-130 Chlorotorm 47 ug/l 50.0 97.6 70-130 cis-1,2-Dichloroethene 49 ug/l 50.0 97.6 70-130 cis-1,3-Dichloropropene 50 ug/l 50.0 103 70-130 Dibromochloromethane 52 ug/l 50.0 101 70-130 Dichlorodifluoromethane 52 ug/l 50.0 101 70-130 1,3-Dichlorobenzene 51 ug/l 50.0 102 70-130 J.3-Dichlorobenzene 51 ug/l 50.0 102 70-130 Bromomethane 42 ug/l 50.0 102 70-130 Dibromonethane 49 ug/l 50.0 97.8 70-130 J.4-Dichlorobenzene 51 ug/l 50.0 97.8 70-130 J.4-Dichlorobenzene 51 ug/ | Chlorobenzene | 50 | | | ug/l | 50.0 | | 101 | 70-130 | | |
| ChlorodinaneDrUg/lSo.011.170-130cis-1,2-Dichloroethene49ug/lSo.097.670-130cis-1,3-Dichloropropene50ug/lSo.099.670-130Dibromochloromethane52ug/lSo.010370-130Dichloroffluoromethane32ug/lSo.010170-130Ethylbenzene50ug/lSo.010170-1301,3-Dichlorobenzene51ug/lSo.011670-130Bromomethane58ug/lSo.010270-130Chloromethane51ug/lSo.010270-130Dibromomethane51ug/lSo.097.870-130Chloromethane51ug/lSo.097.870-130Dibromomethane42ug/lSo.097.870-1302-Butanone51ug/lSo.097.870-130Dibromomethane49ug/lSo.097.870-1301,2-Dichlorobenzene51ug/lSo.091.170-1301,2-Dichlorobenzene51ug/lSo.010170-1301,4-Dichlorobenzene52ug/lSo.010570-130Styrene50ug/lSo.010570-130Tetrachloroethene52ug/lSo.010770-130Tetrachloroethene53ug/lSo.099.570-130Tolene50ug/lSo.099.5< | Chloroethane | 57 | | | ug/l | 50.0 | | 114 | 70-130 | | |
| cis-1,2-Dichloroethene 49 ug/l 50.0 97.6 70-130 cis-1,2-Dichloropropene 50 ug/l 50.0 99.6 70-130 Dibromochloromethane 52 ug/l 50.0 103 70-130 Dichlorodifluoromethane 32 ug/l 50.0 101 70-130 1,3-Dichlorobenzene 50 ug/l 50.0 102 70-130 1,3-Dichlorobenzene 51 ug/l 50.0 102 70-130 1,3-Dichlorobenzene 58 ug/l 50.0 102 70-130 Bromomethane 42 ug/l 50.0 102 70-130 Chloromethane 42 ug/l 50.0 102 70-130 Dibromomethane 49 ug/l 50.0 97.8 70-130 1,2-Dichlorobenzene 51 ug/l 50.0 97.8 70-130 1,2-Dichlorobenzene 51 ug/l 50.0 91.1 70-130 1,2-Dichlorobenzene 51 ug/l 50.0 99.3 70-130 1,4-Dichlorobenzene | Chloroform | 47 | | | ug/l | 50.0 | | 93.5 | 70-130 | | |
| dis-1,3-Dichloropropene 50 ug/l 500 9.6 70-130 Dibromochloromethane 52 ug/l 50.0 103 70-130 Dichlorodifluoromethane 32 ug/l 50.0 101 70-130 Lthylbenzene 50 ug/l 50.0 101 70-130 1,3-Dichlorobenzene 51 ug/l 50.0 102 70-130 Bromomethane 58 ug/l 50.0 116 70-130 Chloromethane 42 ug/l 50.0 162 70-130 Dibromomethane 51 ug/l 50.0 162 70-130 Chloromethane 42 ug/l 50.0 162 70-130 Dibromomethane 42 ug/l 50.0 102 70-130 Dibromomethane 51 ug/l 50.0 97.8 70-130 1,2-Dichlorobenzene 51 ug/l 50.0 91.1 70-130 1,2-Dichlorobenzene 51 ug/l 50.0 99.3 70-130 Styrene 50 ug/l | cis-1.2-Dichloroethene | 49 | | | ug/l | 50.0 | | 97.6 | 70-130 | | |
| Dibromothane 52 ug/l 50.0 103 70-130 Dibromothane 32 ug/l 50.0 101 70-130 Ethylbenzene 50 ug/l 50.0 101 70-130 1,3-Dichlorobenzene 51 ug/l 50.0 102 70-130 Bromomethane 58 ug/l 50.0 116 70-130 Chloromethane 42 ug/l 50.0 102 70-130 2-Butanone 51 ug/l 50.0 84.9 70-130 Dibromomethane 42 ug/l 50.0 102 70-130 Dibromomethane 49 ug/l 50.0 97.8 70-130 J.2-Dichlorobenzene 51 ug/l 50.0 91.1 70-130 J.2-Dichlorobenzene 51 ug/l 50.0 102 70-130 J.4-Dichlorobenzene 51 ug/l 50.0 101 70-130 J.4-Dichlorobenzene 52 ug/l 50.0 105 70-130 Styrene 50 ug/l 50.0 | cis-1,3-Dichloropropene | 50 | | | ug/l | 50.0 | | 99.6 | 70-130 | | |
| Dicklorodifluoromethane32ug/l50.064.670-130Ethylbenzene50ug/l50.010170-1301,3-Dichlorobenzene51ug/l50.011670-130Bromomethane58ug/l50.084.970-130Chloromethane42ug/l50.010270-1302-Butanone51ug/l50.097.870-130Dibromomethane49ug/l50.097.870-130Methylene Chloride46ug/l50.091.170-1301,2-Dichlorobenzene51ug/l50.010270-1301,2-Dichlorobenzene51ug/l50.010170-1301,4-Dichlorobenzene51ug/l50.010170-1305tyrene50ug/l50.010570-130Tetrachloroethene52ug/l50.010570-130Methyl t-butyl ether (MTBE)53ug/l50.010770-130Toluene50ug/l50.099.570-130trans-1,2-Dichloroethene48ug/l50.099.570-130 | Dibromochloromethane | 52 | | | ug/l | 50.0 | | 103 | 70-130 | | |
| Ethylbenzene50ug/l50.010170-1301,3-Dichlorobenzene51ug/l50.010270-130Bromomethane58ug/l50.011670-130Chloromethane42ug/l50.010270-1302-Butanone51ug/l50.010270-130Dibromomethane42ug/l50.010270-1302-Butanone51ug/l50.097.870-130Dibromomethane49ug/l50.091.170-1301,2-Dichlorobenzene51ug/l50.010270-1301,2-Dichlorobenzene51ug/l50.010170-1301,4-Dichlorobenzene51ug/l50.010170-130Styrene50ug/l50.010570-130Tetrachloroethene52ug/l50.010570-130Methyl t-butyl ether (MTBE)53ug/l50.099.570-130Toluene50ug/l50.099.570-130trans-1,2-Dichloroptene50ug/l50.099.570-130trans-1,2-Dichloroptene50ug/l50.099.570-130trans-1,2-Dichloroptene50ug/l50.099.570-130trans-1,3-Dichloroptene50ug/l50.099.570-130trans-1,3-Dichloroptene50ug/l50.099.570-130 | Dichlorodifluoromethane | 32 | | | ug/l | 50.0 | | 64.6 | 70-130 | | |
| 1,3-Dichlorobenzene51ug/l50.010270-130Bromomethane58ug/l50.011670-130Chloromethane42ug/l50.084.970-1302-Butanone51ug/l50.010270-130Dibromomethane49ug/l50.097.870-130Methylene Chloride46ug/l50.091.170-1301,2-Dichlorobenzene51ug/l50.010270-1301,4-Dichlorobenzene51ug/l50.010170-130Styrene50ug/l50.010170-130Tetrachloroethene52ug/l50.010570-130Methyl t-butyl ether (MTBE)53ug/l50.010770-130Toluene50ug/l50.099.570-130trans-1,2-Dichloroptenee50ug/l50.099.570-130trans-1,2-Dichloroptene50ug/l50.099.570-130trans-1,2-Dichloroptene50ug/l50.099.570-130trans-1,2-Dichloroptene50ug/l50.099.570-130trans-1,2-Dichloroptene50ug/l50.099.470-130 | Ethylbenzene | 50 | | | ug/l | 50.0 | | 101 | 70-130 | | |
| InstructionInstructionInstructionInstructionInstructionBromomethane58ug/l50.011670-130Chloromethane42ug/l50.084.970-1302-Butanone51ug/l50.010270-130Dibromomethane49ug/l50.097.870-130Methylene Chloride46ug/l50.091.170-1301,2-Dichlorobenzene51ug/l50.010270-1301,4-Dichlorobenzene51ug/l50.010170-130Styrene50ug/l50.010170-130Tetrachloroethene52ug/l50.010570-130Methyl t-butyl ether (MTBE)53ug/l50.010770-130Toluene50ug/l50.099.570-130trans-1,2-Dichloroethene48ug/l50.099.570-130trans-1,3-Dichloropropene50ug/l50.099.570-130 | 1.3-Dichlorobenzene | 51 | | | ug/l | 50.0 | | 102 | 70-130 | | |
| Chloromethane42ug/l50.084.970-1302-Butanone51ug/l50.010270-130Dibromomethane49ug/l50.097.870-130Methylene Chloride46ug/l50.091.170-1301,2-Dichlorobenzene51ug/l50.010270-1301,4-Dichlorobenzene51ug/l50.010170-1305tyrene50ug/l50.099.370-130Tetrachloroethene52ug/l50.010570-130Methyl t-butyl ether (MTBE)53ug/l50.099.570-130Toluene50ug/l50.099.570-130trans-1,2-Dichloroethene48ug/l50.099.470-130trans-1,3-Dichloropropene50ug/l50.099.470-130 | Bromomethane | 58 | | | ug/l | 50.0 | | 116 | 70-130 | | |
| 2-Butanone51ug/l50.010270-130Dibromomethane49ug/l50.097.870-130Methylene Chloride46ug/l50.091.170-1301,2-Dichlorobenzene51ug/l50.010270-1301,4-Dichlorobenzene51ug/l50.010170-130Styrene50ug/l50.099.370-130Tetrachloroethene52ug/l50.010570-130Methyl t-butyl ether (MTBE)53ug/l50.099.570-130Toluene50ug/l50.099.570-130trans-1,2-Dichloroethene48ug/l50.095.270-130trans-1,3-Dichloropropene50ug/l50.099.470-130 | Chloromethane | 42 | | | ug/l | 50.0 | | 84.9 | 70-130 | | |
| Distance 49 ug/l 50.0 97.8 70-130 Methylene Chloride 46 ug/l 50.0 91.1 70-130 1,2-Dichlorobenzene 51 ug/l 50.0 102 70-130 1,4-Dichlorobenzene 51 ug/l 50.0 101 70-130 Styrene 50 ug/l 50.0 99.3 70-130 Tetrachloroethene 52 ug/l 50.0 105 70-130 Methyl t-butyl ether (MTBE) 53 ug/l 50.0 107 70-130 Toluene 50 ug/l 50.0 99.5 70-130 trans-1,2-Dichloroethene 48 ug/l 50.0 99.4 70-130 | 2-Butanone | 51 | | | ug/l | 50.0 | | 102 | 70-130 | | |
| Methylene Chloride 46 ug/l 50.0 91.1 70-130 1,2-Dichlorobenzene 51 ug/l 50.0 102 70-130 1,4-Dichlorobenzene 51 ug/l 50.0 101 70-130 Styrene 50 ug/l 50.0 99.3 70-130 Tetrachloroethene 52 ug/l 50.0 105 70-130 Methyl t-butyl ether (MTBE) 53 ug/l 50.0 107 70-130 Toluene 50 ug/l 50.0 99.5 70-130 trans-1,2-Dichloroethene 48 ug/l 50.0 95.2 70-130 trans-1,3-Dichloropropene 50 ug/l 50.0 99.4 70-130 | Dibromomethane | 49 | | | ug/l | 50.0 | | 97.8 | 70-130 | | |
| 1,2-Dichlorobenzene51ug/l50.010270-1301,4-Dichlorobenzene51ug/l50.010170-130Styrene50ug/l50.099.370-130Tetrachloroethene52ug/l50.010570-130Methyl t-butyl ether (MTBE)53ug/l50.010770-130Toluene50ug/l50.099.570-130trans-1,2-Dichloroethene48ug/l50.095.270-130trans-1,3-Dichloropropene50ug/l50.099.470-130 | Methylene Chloride | 46 | | | ug/l | 50.0 | | 91.1 | 70-130 | | |
| 1,4-Dichlorobenzene51ug/l50.010170-130Styrene50ug/l50.099.370-130Tetrachloroethene52ug/l50.010570-130Methyl t-butyl ether (MTBE)53ug/l50.010770-130Toluene50ug/l50.099.570-130trans-1,2-Dichloroethene48ug/l50.095.270-130trans-1,3-Dichloropropene50ug/l50.099.470-130 | 1.2-Dichlorobenzene | 51 | | | ua/l | 50.0 | | 102 | 70-130 | | |
| Styrene 50 ug/l 50.0 101 70.130 Tetrachloroethene 52 ug/l 50.0 105 70-130 Methyl t-butyl ether (MTBE) 53 ug/l 50.0 107 70-130 Toluene 50 ug/l 50.0 99.5 70-130 trans-1,2-Dichloroethene 48 ug/l 50.0 95.2 70-130 trans-1,3-Dichloropropene 50 ug/l 50.0 99.4 70-130 | 1.4-Dichlorobenzene | 51 | | | ua/l | 50.0 | | 101 | 70-130 | | |
| Tetrachloroethene 52 ug/l 50.0 105 70-130 Methyl t-butyl ether (MTBE) 53 ug/l 50.0 107 70-130 Toluene 50 ug/l 50.0 99.5 70-130 trans-1,2-Dichloroethene 48 ug/l 50.0 95.2 70-130 trans-1,3-Dichloropropene 50 ug/l 50.0 99.4 70-130 | Styrene | 50 | | | ua/l | 50.0 | | 99.3 | 70-130 | | |
| Methyl t-butyl ether (MTBE) 53 ug/l 50.0 107 70-130 Toluene 50 ug/l 50.0 99.5 70-130 trans-1,2-Dichloropropene 50 ug/l 50.0 95.2 70-130 trans-1,3-Dichloropropene 50 ug/l 50.0 99.4 70-130 | Tetrachloroethene | 52 | | | ua/l | 50.0 | | 105 | 70-130 | | |
| Toluene 50 ug/l 50.0 99.5 70-130 trans-1,2-Dichloropropene 50 ug/l 50.0 99.4 70-130 | Methyl t-butyl ether (MTBE) | 53 | | | ua/l | 50.0 | | 107 | 70-130 | | |
| trans-1,2-Dichloroptene 48 ug/l 50.0 95.2 70-130 trans-1,3-Dichloropropene 50 μg/l 50.0 99.4 70-130 | Toluene | 50 | | | ug/i | 50.0 | | 99.5 | 70-130 | | |
| trans-1,3-Dichloropropene 50 µn/l 50.0 99.4 70-130 | trans-1.2-Dichloroethene | 48 | | | ua/l | 50.0 | | 95.2 | 70-130 | | |
| | trans-1,3-Dichloropropene | 50 | | | ua/l | 50.0 | | 99.4 | 70-130 | | |

Quality Control (Continued)

Volatile Organic Compounds (Continued)

| Backch: BOGO018 - Purge-Trap (Continued) megared & Analysed: 06/30/20 LCS (BOGO18-BS1) megared & Analysed: 06/30/20 Trichterdations 58 ugft 50.0 116 70-132 Arrayate 12:20000140:00 50.0 100 70-132 70-132 Sarrayate 12:20000140:00 50.0 100 70-132 70-132 Sarrayate 12:20000140:00 50.0 100 70-132 70-132 Sarrayate 12:20000140:00 100 70-132 70-132 70-132 Sarrayate 12:20000140:00 100 70-130 70-132 70-132 CS Day (BOGO18-BSD1) Progenet & Analysed: 00/7020 11,0-17-170-170 70-132 | Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|--|------------------------------------|------------|------|--------------------|-------|----------------|------------------|---------|------------------|--------|--------------|
| LCS (ROCOLS-ES.) Perpend & Analysical (D/SUD) Tichtonochnon 38 u.g/l 50.0 11.6 79.30 Tichtonochnon 38 u.g/l 50.0 10.6 79.30 Sampater / 2-Marcell S2.0 U.gl 50.0 79.30 | Batch: B0G0018 - Purge-Trap (C | Continued) | | | | | | | | | |
| Introduction 48 ug1 50.0 10.1 70.13 Viny Orivin 40 ug1 50.0 6.1 70.13 Surgate: Totalisandi 50.0 ug1 58.0 70.23 Viny Orivin Surgate: Totalisandi 50.0 ug1 58.0 70.23 Viny Orivin Compate: Totalisandi 50.0 ug1 58.0 70.13 0.33 Surgate: Advantation 48 ug1 50.0 10.1 71.13 0.33 L1,12 Freinbanctation 48 ug1 50.0 70.13 0.33 70.13 0.33 L1,12 Freinbanctation 48 ug1 50.0 70.13 0.33 70.13 0.33 70.13 0.33 70.13 0.33 70.13 0.31 70.13 0.31 70.13 0.31 70.13 0.31 70.13 0.31 70.13 0.31 70.13 0.31 70.13 0.31 70.13 0.31 70.13 0.31 70.13 0.31 70.13 <t< td=""><td>LCS (B0G0018-BS1)</td><td>,</td><td></td><td></td><td></td><td>Prepared 8</td><td>& Analyzed: 06</td><td>5/30/20</td><td></td><td></td><td></td></t<> | LCS (B0G0018-BS1) | , | | | | Prepared 8 | & Analyzed: 06 | 5/30/20 | | | |
| Indicoluconatane38ug150.016.170.13Surgate:1.2000000000000000000000000000000000000 | Trichloroethene | 48 | | | ua/l | 50.0 | , | 95.1 | 70-130 | | |
| nymnymfollowiefolfolfolfolfolSampate:SADuglSAD10070.12810070.12810070.12810070.12810070.12810070.12810070.12810070.128 | Trichlorofluoromethane | 58 | | | ua/l | 50.0 | | 116 | 70-130 | | |
| sharngate: 50.0 ug1 56.0 10.0 77.33 Sangate: -400040contension 92.0 ug1 56.0 98.3 79.33 LCS Dug (G00013-85D1) - - Prepared & Analyzet: 66/30/20 - - L1,12/Testchorothene 48 ug1 50.0 65.6 70.130 0.33 200 L1,22/Testchorothene 48 ug1 50.0 96.30 70.130 0.33 200 L1,22/Testchorothene 48 ug1 50.0 96.30 70.130 0.33 200 L1,22/Testchorothene 49 ug1 50.0 96.30 70.130 0.33 200 L2/20fordicharothene 47 ug1 50.0 96.30 70.130 0.32 200 L2/20fordicharothene 10 ug1 50.0 100 70.130 1.22 200 L2/20fordicharothene 10g1 50.0 10g1 70.130 1.22 200 L2/20fordicharothene 10g1 | Vinyl Chloride | 48 | | | ug/l | 50.0 | | 96.1 | 70-130 | | |
| Surgenz: 2.0 gal ga | Surroaate: Toluene-d8 | | | 50.0 | | 50 0 | | 100 | 70-130 | | |
| sharquite dots dots dots dots dots dots dots US ugl 50.0 95.0 | Surrogate: 1 2-Dichloroethane-d4 | | | 53.0 | ug/i | 50.0 50.0 | | 100 | 70-130 | | |
| LCS bup (B0C0018-BSD1) Prepared & Analyset: 06/30/20 1,1,1-7tertoachingenhame 48 ugfl 50.0 95.6 70-130 0.335 200 1,1,2-7tertoachingenhame 48 ugfl 50.0 95.6 70-130 0.335 200 1,1,2-7tertoachingenhame 48 ugfl 50.0 95.6 70-130 0.335 200 1,1-20thorschame 48 ugfl 50.0 95.6 70-130 0.335 200 1,1-20thorschame 50 ugfl 50.0 95.8 70-130 0.363 200 1,2-20thorschame 50 ugfl 50.0 95.0 70-130 0.43 200 1,2-20thorschame 50 ugfl 50.0 100 70-130 0.412 200 1,2-20thorschame (DBC) 51 ugfl 50.0 101 70-130 0.122 200 1,2-20thorschame (DBC) 51 ugfl 50.0 103 70-130 0.127 200 1,2-20thorschame | Surrogate: 1,2 Dichorocentane d' | | | 49.2 | ug/l | 50.0 | | 98.3 | 70-130 70-130 | | |
| 1.1.2.2.framexhamethame 48 ug/l 50. 96.6 70.130 0.335 200 1.1.3.2.7.tranexhamethame 51 ug/l 50.0 101 77.150 1.08 200 1.1.2.7.tranexhamethame 44 ug/l 50.0 98.5 70.10 0.335 200 1.1.2.7.tranexhamethame 48 ug/l 50.0 98.5 70.10 0.335 200 1.1.2.7.tranexhamethame 48 ug/l 50.0 98.0 70.30 1.02 70.00 70.00 70.10 70.20 70.10 70.20 70.10 70.10 70.20 70.10 70.10 70.20 70.20 70.10 <td>LCS Dup (B0G0018-BSD1)</td> <td></td> <td></td> <td></td> <td>ugn</td> <td>Prepared 8</td> <td>& Analyzed: 06</td> <td>5/30/20</td> <td></td> <td></td> <td></td> | LCS Dup (B0G0018-BSD1) | | | | ugn | Prepared 8 | & Analyzed: 06 | 5/30/20 | | | |
| 1.1.1.7.trichoorethane 51 ug/l 50.0 10.1 70.13 1.09 200 1.1.2.2.Trichoorethane 48 ug/l 50.0 95.6 70.13 0.135 220 1.1.2.Trichiorecthane 48 ug/l 50.0 96.8 77.130 0.333 200 1.1.2.Drichiorecthane 50 ug/l 50.0 94.3 77.130 0.13 200 1.1.2.Drichiorecthane 50 ug/l 50.0 96.6 77.130 0.132 200 1.2.Drichiorecthane 50 ug/l 50.0 102 70.130 1.22 200 1.2.Drichiorecthane 50 ug/l 50.0 100 70.130 1.22 200 1.2.Drichiorecthane 50 ug/l 50.0 100 70.130 1.72 200 1.2.Drichiorecthane 50 ug/l 50.0 100 70.130 1.72 200 1.2.Drichiorecthane 50 ug/l 50.0 100 100 | 1,1,1,2-Tetrachloroethane | 48 | | | ua/l | 50.0 | | 95.6 | 70-130 | 0.335 | 200 |
| 1,2,2 Terashkorsethane 48 ug/l 50.0 95.6 70.130 0.335 220 1,1,2-Individuatione 40 ug/l 50.0 94.0 70.130 0.63.5 200 1,1-bichiconethane 47 ug/l 50.0 100 77.130 0.07.9 200 1,1-bichiconethane 47 ug/l 50.0 100 77.130 0.17 200 1,2-Dichoros-thane 50 ug/l 50.0 10.0 77.130 0.57 200 1,2-Dichoros-thane 50 ug/l 50.0 10.0 77.130 0.57 200 1,2-Dichoros-thane 50 ug/l 50.0 10.0 77.130 1.57 200 1,2-Dichoros-thane 50 ug/l 50.0 10.0 70.130 1.57 200 1,2-Dichoros-thane 51 ug/l 50.0 10.0 70.130 1.57 200 1,2-Dichoros-thane 50 ug/l 50.0 10.0 70.130 | 1.1.1-Trichloroethane | 51 | | | ug/l | 50.0 | | 101 | 70-130 | 1.09 | 200 |
| 1.1.2 Trichlorocethame 48 Ug/I 50.0 96.8 70.10 1.0.10 1.1.2 Trichlorocethame 50 Ug/I 50.0 94.1 70.130 0.363 200 1.1.1.Chichorocethame 50 Ug/I 50.0 94.1 70.130 0.512 200 1.1.1.Chichorocethame 50 Ug/I 50.0 95.8 70.130 0.52 200 1.2.2 Dirchloropropane 50 Ug/I 50.0 10.0 70.130 1.52 200 1.2.2 Dirchloropropane 50 Ug/I 50.0 10.0 70.130 1.52 200 1.2.2 Dichloropropane 51 Ug/I 50.0 10.0 70.130 1.72 200 2.2 Dichloropropane 54 Ug/I 50.0 10.0 70.130 1.72 200 2.2 Dichloropropane 54 Ug/I 50.0 10.0 70.130 1.72 200 2.2 Dichloropropane 54 Ug/I 50.0 10.0 70.130 | 1 1 2 2-Tetrachloroethane | 48 | | | ug/l | 50.0 | | 95.6 | 70-130 | 0 335 | 200 |
| 1.1. Dicklosektanie 50 1.0. dig/ 5.0. 7.0. a 7.0. a 7.0. a 1.1. Dicklosektanie 67 1.0. dicklosektanie 70. 7.0. 30. | 1 1 2-Trichloroethane | 48 | | | ug/l | 50.0 | | 96.8 | 70-130 | 1 16 | 200 |
| 1.1 bicklinewise 1.2 0.3 2.0 7.1 bicklinewise 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.30 0.31 0.30 0.31 0.30 0.31 0.30 0.31 0.30 0.31 0.30 0.31 0.30 0.31 | 1 1-Dichloroethane | 50 | | | ug/i | 50.0 | | 90.0 | 70-130 | 0.363 | 200 |
| 1.1. Dicklospropene 50 Ug/1 5.00 7.1.3 0.1.1.2 0.1.1.2 1.1. Dicklospropene 50 Ug/1 50.0 95.6 71.1.3 1.6.8 2001 1.2. J.Chromo-Shrine (DBC) 51 Ug/1 50.0 102 70.1.30 1.5.2 1.2. Dicknore-Shrine (DBC) 51 Ug/1 50.0 100 70.1.30 1.5.2 200 1.2. Dicknore-Shrine (DBC) 51 Ug/1 50.0 100 70.1.30 1.5.0 200 1.2. Dicknore-Shrine 51 Ug/1 50.0 103 70.1.30 1.5.7 200 2. Dicknorphysine 48 Ug/1 50.0 103 70.1.30 1.1.7 200 4.44th/4.2-pertance 51 Ug/1 50.0 112 70.1.30 1.1.7 200 4.44th/4.2-pertance 50 Ug/1 50.0 102 70.1.30 0.1.62 200 Bromodichiormethane 50 Ug/1 50.0 102 70.1.30 0. | 1 1-Dichloroethene | 47 | | | ug/i | 50.0 | | 04.3 | 70-130 | 0.505 | 200 |
| 1.1. S.2. Trichlonoprogene 20 1.2. B 1.2. B <th1.2. b<="" th=""> <th1.2. b<="" th=""> 1.2. B</th1.2.></th1.2.> | 1 1-Dichloropropene | 50 | | | ug/i | 50.0 | | 100 | 70-130 | 0.715 | 200 |
| Jack Inclusion Jack In | 1 2 3-Trichloropropane | 50 | | | ug/i | 50.0 | | 99.6 | 70-130 | 1.68 | 200 |
| 1,2-biomodense (bbs/) no ug/l 50.3 1,2-biomodense (bbs/) 1.52 200 1,2-biomodense (bbs/) 51 ug/l 50.0 101 70-130 0.51.2 200 1,2-biomodense (bbs/) 50 ug/l 50.0 101 70-130 0.71.2 200 1,2-biohorpropane 51 ug/l 50.0 101 70-130 0.71.2 200 2,2-biohorpropane 54 ug/l 50.0 103 70-130 0.12.2 200 2,2-biohorpropane 54 ug/l 50.0 103 70-130 0.12.2 200 Acatone 56 ug/l 50.0 103.2 70-130 0.366 200 Bramachioromethane 50 ug/l 50.0 90.7 70-130 0.362 200 Bramachioromethane 50 ug/l 50.0 10.2 70-130 0.252 200 Carbon Tetrahoritoromethane 51 ug/l 50.0 10.2 70-130 <td< td=""><td>1.2.Dibromo-3.chloropropana (DBCP)</td><td>18</td><td></td><td></td><td>ug/i</td><td>50.0</td><td></td><td>99.0</td><td>70-130</td><td>0.334</td><td>200</td></td<> | 1.2.Dibromo-3.chloropropana (DBCP) | 18 | | | ug/i | 50.0 | | 99.0 | 70-130 | 0.334 | 200 |
| 1.2-bicklonexpendence 12 0007 30.0 102 70-130 1.2.12 2000 1.2-bicklonexpende 50 Ug/l 50.0 100 70-130 0.1.52 2000 1.2-bicklonexpende 51 Ug/l 50.0 108 70-130 0.1.72 2000 2.2-bicklonexpende 51 Ug/l 50.0 103 70-130 0.1.72 2000 2.2-bicklonexpende 51 Ug/l 50.0 103 70-130 0.1.72 2000 2-bicklonexpende 50 Ug/l 50.0 102 70-130 0.1.92 2000 Acacten 50 Ug/l 50.0 95.7 70-130 0.6.66 2000 Bromachioromethane 50 Ug/l 50.0 95.0 70-130 0.1.12 2000 Bromachioromethane 50 Ug/l 50.0 102 70-130 0.1.12 2000 Carbon Disulfie 50 Ug/l 50.0 102 70-130 1.1.42 2000 Chiorobethane 51 Ug/l 50.0 <td< td=""><td>1.2 Dibromosthano (EDR)</td><td>-10 E1</td><td></td><td></td><td>ug/i</td><td>50.0</td><td></td><td>102</td><td>70-130</td><td>1 52</td><td>200</td></td<> | 1.2 Dibromosthano (EDR) | -10 E1 | | | ug/i | 50.0 | | 102 | 70-130 | 1 52 | 200 |
| 1,2-Pathiangerpane 50 Ug/l 50.0 10.1 70-130 0.513 200 1,3-bichiangerpane 51 Ug/l 50.0 101 70-130 0.512 200 2-bichiangerpane 51 Ug/l 50.0 108 70-130 0.712 200 2-bichiangerpane 54 Ug/l 50.0 108 70-130 0.12 200 Actorie 56 Ug/l 50.0 103 70-130 0.166 200 Actorie 50 Ug/l 50.0 99.5 70-130 0.222 200 Acrohen 70 Ug/l 50.0 99.6 70-130 0.212 200 Bromochiromethane 50 Ug/l 50.0 99.0 70-130 0.212 200 Carbon Tetrachioride 53 Ug/l 50.0 112 70-130 1.17 200 Chirorethane 51 Ug/l 50.0 115 70-130 1.17 200 < | 1,2-Diblomoethane | 51 | | | ug/i | 50.0 | | 102 | 70-130 | 1.52 | 200 |
| 1,2 Unitorropropene50Ug/l5.0010070-1301.202.202,2-Olchhorpropene48Ug/l50.095.970-1301.572002,2-Olchhorpropene54Ug/l50.010370-1302.122004-Methyl-2-pentanone51Ug/l50.010370-1302.12200Acctore56Ug/l50.010370-1300.196200Bromochloromethane50Ug/l50.095.570-1300.663200Bromochloromethane50Ug/l50.095.070-1300.623200Bromochloromethane50Ug/l50.090.070-1300.125200Bromochloromethane53Ug/l50.010270-1301.12200Carbon Disulfié55Ug/l50.010270-1301.15200Carbon Disulfié53Ug/l50.010570-1301.19200Chlorotherane53Ug/l50.010570-1301.14200Chlorotherane53Ug/l50.010370-1300.171200Chlorotherane53Ug/l50.010370-1300.172200Chlorotherane53Ug/l50.010370-1300.172200Chlorotherane50Ug/l50.010170-1300.174200Dhromochloromethane63Ug/l50.0 | | 50 | | | ug/i | 50.0 | | 101 | 70-130 | 0.015 | 200 |
| 1,3-clanicopropane51Ug/l50.01017.1301.7.122.002-bichcopropane54Ug/l50.010870-1302.1.72004-Methyl-2pentanone51Ug/l50.011270-1302.1.2200Acatone56Ug/l50.011270-1302.0.2200Acatone56Ug/l50.011270-1300.663200Brazene99Ug/l50.099.770-1300.562200Bromochoromethane50Ug/l50.010270-1300.282200Bromochoromethane50Ug/l50.011270-1300.282200Carbon Disulfde56Ug/l50.011270-1301.17200Carbon Disulfde58Ug/l50.011270-1301.17200Chioroberane58Ug/l50.011270-1301.17200Chioroberane50Ug/l50.010270-1301.14200Chioroberane50Ug/l50.010370-1301.14200Dibromochionorobhane53Ug/l50.010570-1301.14200Chioroberane50Ug/l50.010170-1300.555200Dibromochionorobhane53Ug/l50.010370-1300.572200Dibromochionorobhane53Ug/l50.010370- | 1,2-Dichioropropane | 50 | | | ug/i | 50.0 | | 100 | 70-130 | 1.50 | 200 |
| 2.2-Interantor properties 148 Ug/l 50.0 108 7.0-130 2.102 2.4-texanore 51 Ug/l 50.0 108 70-130 2.12 200 Acetore 56 Ug/l 50.0 112 70-130 0.126 200 Accolen ND 50 Ug/l 50.0 112 70-130 0.366 200 Bernzene 49 Ug/l 50.0 99.7 70-130 0.366 200 Bromochinorethane 50 Ug/l 50.0 99.0 70-130 0.282 200 Bromochinorethane 51 Ug/l 50.0 112 70-130 0.282 200 Carbon Disulfile 53 Ug/l 50.0 112 70-130 1.42 200 Chirorethane 53 Ug/l 50.0 112 70-130 1.12 200 Chirorethane 53 Ug/l 50.0 115 70-130 1.12 200 Chirorethane 53 Ug/l 50.0 115 70-130 1.52 | 1,3-Dichloropropane | 51 | | | ug/i | 50.0 | | 101 | 70-130 | 0./12 | 200 |
| 2-Heatonice 3-4 Ug/l 50.0 103 7.0-130 2.17 2.00 Arctohen 56 Ug/l 50.0 103 7.0-130 2.12 200 Acrolein ND 5 Ug/l 50.0 112 70-130 0.056 200 Benzene 49 Ug/l 50.0 99.0 70-130 0.663 200 Bromochhoromethane 50 Ug/l 50.0 99.0 70-130 0.632 200 Bromochhoromethane 50 Ug/l 50.0 102 70-130 0.282 200 Chrono Textohorde 51 Ug/l 50.0 112 70-130 1.17 200 Chiorobenzene 51 Ug/l 50.0 115 70-130 1.15 200 Chiorobenzene 53 Ug/l 50.0 115 70-130 1.15 200 Chiorobenzene 50 Ug/l 50.0 1015 70-130 0.555 200 <td>2,2-Dichloropropane</td> <td>48</td> <td></td> <td></td> <td>ug/I</td> <td>50.0</td> <td></td> <td>95.9</td> <td>/0-130</td> <td>1.57</td> <td>200</td> | 2,2-Dichloropropane | 48 | | | ug/I | 50.0 | | 95.9 | /0-130 | 1.57 | 200 |
| Anterpix-pertanone 51 ug/l 50.0 103 70.130 7.120 7.12 200 Acctone 56 ug/l 50.0 123 70.130 0.196 200 Acrolein ND 5 ug/l 50.0 98.5 70.130 0.663 200 Bernzen 49 ug/l 50.0 99.0 70.130 0.282 200 Bromochioromethane 50 ug/l 50.0 99.0 70.130 0.282 200 Bromochioromethane 51 ug/l 50.0 102 70.130 0.142 200 Carbon Tetrachloride 53 ug/l 50.0 115 70.130 1.17 200 Chiorobrane 51 ug/l 50.0 153 70.130 1.13 200 Chiorobrane 53 ug/l 50.0 103 70.130 0.171 200 Chiorobrane 53 ug/l 50.0 101 70.130 0.872 | 2-Hexanone | 54 | | | ug/l | 50.0 | | 108 | /0-130 | 2.17 | 200 |
| Actorian 56 ug/l 50 112 70-130 0.196 200 Barzene 49 ug/l 50.0 98.5 70-130 0.366 200 Bromochhormethane 50 ug/l 50.0 99.7 70-130 0.232 200 Bromochhormethane 50 ug/l 50.0 102 70-130 0.212 200 Bromochhormethane 51 ug/l 50.0 102 70-130 0.122 200 Carbon Tetrachloride 53 ug/l 50.0 102 70-130 1.12 200 Chiorobenzene 51 ug/l 50.0 102 70-130 1.12 200 Chiorobenzene 52 ug/l 50.0 103 70-130 0.171 200 Chiorobenzene 53 ug/l 50.0 103 70-130 0.55 200 cis-1,2-bichkoropenpene 52 ug/l 50.0 101 70-130 0.57 200 | 4-Methyl-2-pentanone | 51 | | | ug/l | 50.0 | | 103 | 70-130 | 2.12 | 200 |
| Arcielin ND 5 Ug/l 50 0.50 200 Benzene 50 Ug/l 50.0 99.7 70.130 0.663 200 Bromachloromethane 50 Ug/l 50.0 99.0 70.130 0.262 200 Bromachloromethane 50 Ug/l 50.0 112 70.130 0.212 200 Carbon Disulfide 56 Ug/l 50.0 112 70.130 0.12 200 Carbon Tetrachloride 53 Ug/l 50.0 115 70.130 1.17 200 Chlorobetnane 51 Ug/l 50.0 115 70.130 0.15 200 Chlorobetnane 47 Ug/l 50.0 100 70.130 0.15 200 cis-1,2-bichloropropene 50 Ug/l 50.0 100 70.130 0.807 200 Dibromochhoromethane 52 Ug/l 50.0 101 70.130 0.827 200 <t< td=""><td>Acetone</td><td>56</td><td></td><td></td><td>ug/l</td><td>50.0</td><td></td><td>112</td><td>70-130</td><td>0.196</td><td>200</td></t<> | Acetone | 56 | | | ug/l | 50.0 | | 112 | 70-130 | 0.196 | 200 |
| Benzene 49 ug/l 50.0 98.5 70-130 0.366 200 Bromachloromethane 50 ug/l 50.0 99.7 70-130 0.202 200 Bromachloromethane 50 ug/l 50.0 102 70-130 0.215 200 Carbon Ofsuffde 53 ug/l 50.0 112 70-130 1.17 2000 Chlorobenzene 51 ug/l 50.0 102 70-130 1.15 2000 Chlorobenzene 51 ug/l 50.0 102 70-130 1.17 2000 Chlorobenzene 58 ug/l 50.0 102 70-130 1.17 2000 Chlorobenzene 59 ug/l 50.0 103 70-130 0.814 2000 Dishomochloropropene 50 ug/l 50.0 100 70-130 0.84 2000 Dishomochloromethane 52 ug/l 50.0 101 70-130 0.84 2000 | Acrolein | ND | | 5 | ug/l | | | | 60-140 | | 200 |
| Bromachloromethane 50 ug/l 50.0 99.0 70-130 0.200 Bromachloromethane 50 ug/l 50.0 99.0 70-130 0.215 200 Bromachloromethane 51 ug/l 50.0 112 70-130 0.215 200 Carbon Disulfide 53 ug/l 50.0 112 70-130 1.17 200 Chorobenane 51 ug/l 50.0 105 70-130 1.15 200 Chlorobenane 58 ug/l 50.0 115 70-130 0.155 200 Chloroform 47 ug/l 50.0 93.6 70-130 0.555 200 cis 1.2-bichloropthene 50 ug/l 50.0 100 70-130 0.777 200 Dichlorodiflucromethane 52 ug/l 50.0 101 70-130 0.897 200 Dichlorodiflucromethane 52 ug/l 50.0 101 70-130 0.877 200 | Benzene | 49 | | | ug/l | 50.0 | | 98.5 | 70-130 | 0.366 | 200 |
| Bromodichloromethane 50 ug/l 50.0 99.0 70-130 0.282 200 Bromoform 51 ug/l 50.0 112 70-130 0.215 200 Carbon Disulifie 56 ug/l 50.0 115 70-130 1.42 200 Chlorobenzene 51 ug/l 50.0 102 70-130 1.42 200 Chlorobenzene 51 ug/l 50.0 102 70-130 1.42 200 Chlorobenzene 58 ug/l 50.0 97.1 70-130 0.575 200 Chloroberne 49 ug/l 50.0 97.1 70-130 0.800 200 Dichloropropene 50 ug/l 50.0 101 70-130 0.877 200 Dichlorodifluoromethane 32 ug/l 50.0 101 70-130 8.88 200 Dichlorodifluoromethane 52 ug/l 50.0 103 70-130 8.88 200 | Bromochloromethane | 50 | | | ug/l | 50.0 | | 99.7 | 70-130 | 0.603 | 200 |
| Bromoform 51 ug/l 50.0 102 70-130 0.215 200 Carbon Disulfide 56 ug/l 50.0 112 70-130 1.17 200 Carbon Terachloride 53 ug/l 50.0 102 70-130 1.15 200 Chlorobenzene 51 ug/l 50.0 115 70-130 1.19 200 Chlorobenzene 51 ug/l 50.0 93.6 70-130 0.171 200 cis-1,2-Dichloroethene 49 ug/l 50.0 97.1 70-130 0.800 200 Dibromochloromethane 52 ug/l 50.0 105 70-130 0.807 200 Dichlorodfluoromethane 52 ug/l 50.0 101 70-130 0.877 200 Lichlorodfluoromethane 52 ug/l 50.0 103 70-130 0.828 200 J.3-Dichlorobenzene 51 ug/l 50.0 103 70-130 0.828 | Bromodichloromethane | 50 | | | ug/l | 50.0 | | 99.0 | 70-130 | 0.282 | 200 |
| Carbon Disulfide 56 ug/l 50.0 112 70-130 1.12 200 Carbon Tetrachloride 53 ug/l 50.0 105 70-130 1.15 200 Chloroberaene 51 ug/l 50.0 115 70-130 1.15 200 Chloroberaene 58 ug/l 50.0 97.1 70-130 0.172 200 Chlorobertane 47 ug/l 50.0 97.1 70-130 0.555 200 cis-1,2-Dichloroptopene 50 ug/l 50.0 100 70-130 0.800 200 Dichoronchloromethane 53 ug/l 50.0 101 70-130 0.777 2000 Ethylberaene 50 ug/l 50.0 101 70-130 0.897 2000 JDichloroberaene 52 ug/l 50.0 103 70-130 0.868 200 JDichloroberaene 51 ug/l 50.0 103 70-130 0.464 200 < | Bromoform | 51 | | | ug/l | 50.0 | | 102 | 70-130 | 0.215 | 200 |
| Carbon Tetrachloride 53 ug/l 50.0 105 70-130 1.12 200 Chlorobenzene 51 ug/l 50.0 115 70-130 1.19 200 Chloroform 58 ug/l 50.0 93.6 70-130 0.171 200 cis.1,2-Dichloropropene 49 ug/l 50.0 97.1 70-130 0.555 200 cis.1,3-Dichloropropene 50 ug/l 50.0 100 70-130 0.555 200 Dichorodifluoromethane 53 ug/l 50.0 101 70-130 0.777 200 1,3-Dichloropazene 52 ug/l 50.0 103 70-130 0.829 200 1,3-Dichlorobenzene 53 ug/l 50.0 103 70-130 0.828 200 1,3-Dichlorobenzene 52 ug/l 50.0 103 70-130 0.828 200 Dibromomethane 63 ug/l 50.0 103 70-130 0.101 | Carbon Disulfide | 56 | | | ug/l | 50.0 | | 112 | 70-130 | 1.17 | 200 |
| Chlorobenzene 51 ug/l 50.0 102 70-130 1.15 200 Chlorobenzene 58 ug/l 50.0 115 70-130 0.17 200 chloroform 47 ug/l 50.0 97.1 70-130 0.555 200 cis-1,2-Dichloroethene 49 ug/l 50.0 100 70-130 0.800 200 Dibromochloromethane 53 ug/l 50.0 105 70-130 0.777 200 Dichlorodifluoromethane 52 ug/l 50.0 103 70-130 0.897 200 1,3-Dichlorobenzene 52 ug/l 50.0 103 70-130 0.887 200 Dibromothane 43 ug/l 50.0 103 70-130 0.828 200 Chlorobenzene 51 ug/l 50.0 103 70-130 0.868 200 2-Butono 51 ug/l 50.0 96.8 70-130 0.574 200 | Carbon Tetrachloride | 53 | | | ug/l | 50.0 | | 105 | 70-130 | 1.42 | 200 |
| Chloroethane 58 ug/l 5.0. 115 70-130 1.19 200 Chloroform 47 ug/l 50.0 93.6 70-130 0.171 200 cis-1,2-Dichloroethene 49 ug/l 50.0 100 70-130 0.855 200 cis-1,3-Dichloropropene 50 ug/l 50.0 105 70-130 0.860 200 Dichlorodfihuromethane 53 ug/l 50.0 101 70-130 0.877 200 J-Dichloroethane 52 ug/l 50.0 103 70-130 0.887 200 J-Dichlorobenzene 52 ug/l 50.0 126 70-130 0.887 200 Bromomethane 43 ug/l 50.0 126 70-130 0.868 200 Dibromomethane 43 ug/l 50.0 103 70-130 0.504 200 Dibromomethane 43 ug/l 50.0 91.5 70-130 0.504 | Chlorobenzene | 51 | | | ug/l | 50.0 | | 102 | 70-130 | 1.15 | 200 |
| Chioroform 47 ug/l 50.0 93.6 70.130 0.171 200 cis-1,2-Dichloroptopene 49 ug/l 50.0 97.1 70.130 0.555 200 Dibromochloromethane 53 ug/l 50.0 105 70.130 0.800 200 Dichlorodifluoromethane 32 ug/l 50.0 64.1 70-130 0.777 200 Ethylbenzene 50 ug/l 50.0 101 70-130 0.879 200 1,3-Dichlorobenzene 52 ug/l 50.0 103 70-130 0.879 200 Chioromethane 63 ug/l 50.0 103 70-130 0.828 200 Chioromethane 43 ug/l 50.0 103 70-130 0.868 200 200 Dibromochthane 48 ug/l 50.0 103 70-130 0.504 200 1,2-Dichlorobenzene 50 ug/l 50.0 101 70-130 0.514 200 1,2-Dichlorobenzene 51 ug/l 50.0 | Chloroethane | 58 | | | ug/l | 50.0 | | 115 | 70-130 | 1.19 | 200 |
| cis-1,2-Dichloroethene 49 ug/l 50.0 97.1 70-130 0.555 200 cis-1,3-Dichloropropene 50 ug/l 50.0 100 70-130 0.800 200 Dibromochloromethane 53 ug/l 50.0 64.1 70-130 0.776 200 Ethylbenzene 50 ug/l 50.0 101 70-130 0.7976 200 1,3-Dichlorobenzene 52 ug/l 50.0 103 70-130 0.897 200 Chloromethane 63 ug/l 50.0 103 70-130 8.28 200 2-Butanone 51 ug/l 50.0 85.6 70-130 8.28 200 1,2-Dichlorobenzene 46 ug/l 50.0 103 70-130 0.868 200 1,2-Dichlorobenzene 50 ug/l 50.0 103 70-130 0.504 200 1,2-Dichlorobenzene 51 ug/l 50.0 101 70-130 0.514 200 1,4-Dichlorobenzene 51 ug/l 50.0 101< | Chloroform | 47 | | | ug/l | 50.0 | | 93.6 | 70-130 | 0.171 | 200 |
| cis-1,3-Dichloropropene 50 ug/l 50.0 100 70-130 0.800 200 Dibromochloromethane 53 ug/l 50.0 105 70-130 1.84 200 Dichlorodifluoromethane 32 ug/l 50.0 103 70-130 0.077 200 1,3-Dichlorobenzene 50 ug/l 50.0 103 70-130 0.897 200 1,3-Dichlorobenzene 52 ug/l 50.0 126 70-130 8.28 200 Choromethane 43 ug/l 50.0 103 70-130 0.897 200 2-Butanone 51 ug/l 50.0 103 70-130 0.868 200 1,2-Dichlorobenzene 50 ug/l 50.0 103 70-130 0.014 200 1,2-Dichlorobenzene 51 ug/l 50.0 101 70-130 0.014 200 1,2-Dichlorobenzene 51 ug/l 50.0 101 70-130 0.134 200 1,4-Dichlorobenzene 51 ug/l 50.0 1 | cis-1,2-Dichloroethene | 49 | | | ug/l | 50.0 | | 97.1 | 70-130 | 0.555 | 200 |
| Dibromochloromethane 53 ug/l 50.0 105 70-130 1.84 200 Dichlorodifluoromethane 32 ug/l 50.0 101 70-130 0.777 200 Ethylbenzene 50 ug/l 50.0 101 70-130 0.897 200 1,3-Dichlorobenzene 52 ug/l 50.0 103 70-130 0.897 200 Chloromethane 63 ug/l 50.0 103 70-130 0.868 200 2-Butanone 51 ug/l 50.0 103 70-130 0.292 200 Dibromomethane 48 ug/l 50.0 103 70-130 0.292 200 Dibromomethane 46 ug/l 50.0 101 70-130 0.504 200 1,4-Dichlorobenzene 50 ug/l 50.0 101 70-130 0.374 200 1,4-Dichlorobenzene 53 ug/l 50.0 101 70-130 1.12 20 | cis-1,3-Dichloropropene | 50 | | | ug/l | 50.0 | | 100 | 70-130 | 0.800 | 200 |
| Dichlorodifluoromethane 32 ug/l 50.0 64.1 70-130 0.777 200 Ethylbenzene 50 ug/l 50.0 101 70-130 0.0796 200 1,3-Dichlorobenzene 52 ug/l 50.0 126 70-130 8.89 200 Bromomethane 63 ug/l 50.0 126 70-130 8.82 200 2-Butanone 51 ug/l 50.0 103 70-130 0.292 200 Dibromomethane 48 ug/l 50.0 96.8 70-130 0.504 200 1,2-Dichlorobenzene 50 ug/l 50.0 91.5 70-130 0.504 200 1,2-Dichlorobenzene 50 ug/l 50.0 101 70-130 1.01 200 1,4-Dichlorobenzene 51 ug/l 50.0 101 70-130 1.01 200 1,4-Dichlorobenzene 53 ug/l 50.0 101 70-130 1.12 <t< td=""><td>Dibromochloromethane</td><td>53</td><td></td><td></td><td>ug/l</td><td>50.0</td><td></td><td>105</td><td>70-130</td><td>1.84</td><td>200</td></t<> | Dibromochloromethane | 53 | | | ug/l | 50.0 | | 105 | 70-130 | 1.84 | 200 |
| Ethylbenzene50ug/l50.010170-1300.07962001,3-Dichlorobenzene52ug/l50.010370-1300.897200Bromomethane63ug/l50.012670-1308.28200Chloromethane43ug/l50.085.670-1300.8972002-Butanone51ug/l50.010370-1300.292200Dibromomethane48ug/l50.096.870-1300.292200Methylene Chloride66ug/l50.091.570-1300.5042001,2-Dichlorobenzene50ug/l50.091.570-1300.5042001,4-Dichlorobenzene51ug/l50.010170-1300.3742001,4-Dichlorobenzene53ug/l50.010170-1300.374200Methyl t-butyl ether (MTBE)53ug/l50.010770-1301.12200Trans-1,2-Dichloropetnene51ug/l50.010270-1300.138200Trans-1,2-Dichloropetnene51ug/l50.010270-1300.132200Trans-1,2-Dichloropetnene50ug/l50.010170-1300.133200Trans-1,2-Dichloropetnene50ug/l50.010170-1300.213200Trans-1,2-Dichloropetnene58ug/l50.010170-1300.213200 | Dichlorodifluoromethane | 32 | | | ug/l | 50.0 | | 64.1 | 70-130 | 0.777 | 200 |
| 1,3-Dichlorobenzene52ug/l50.010370-1300.897200Bromomethane63ug/l50.012670-1308.28200Chloromethane43ug/l50.085.670-1300.8682002-Butanone51ug/l50.010370-1300.292200Dibromomethane48ug/l50.096.870-1300.504200Methylene Chloride46ug/l50.091.570-1300.5042001,2-Dichlorobenzene50ug/l50.010170-1301.012001,4-Dichlorobenzene51ug/l50.010170-1300.3742001,4-Dichlorobenzene50ug/l50.010170-1300.3742001,4-Dichlorobenzene51ug/l50.010170-1301.122001,4-Dichlorobenzene53ug/l50.010170-1301.12200Tetrachloroethene53ug/l50.010770-1300.018200Toluene51ug/l50.010270-1300.733200Itars-1,2-Dichloroptopene53ug/l50.010270-1300.733200Itars-1,2-Dichloroptopene50ug/l50.010170-1300.122200Toluene50ug/l50.010170-1300.122200Itars-1,2-Dichloroptopene50 | Ethylbenzene | 50 | | | ug/l | 50.0 | | 101 | 70-130 | 0.0796 | 200 |
| Bromomethane63ug/l50.012670-1308.28200Chloromethane43ug/l50.085.670-1300.8682002-Butanone51ug/l50.010370-1300.292200Dibromomethane48ug/l50.096.870-1300.292200Methylene Chloride46ug/l50.091.570-1300.5042001,2-Dichlorobenzene50ug/l50.010170-1301.012001,4-Dichlorobenzene51ug/l50.010270-1300.3742001,4-Dichlorobenzene51ug/l50.010170-1301.342001,4-Dichlorobenzene53ug/l50.010170-1301.12200Methyl t-butyl ether (MTBE)53ug/l50.010670-1300.118200Toluene51ug/l50.010270-1300.133200Methyl t-butyl ether (MTBE)53ug/l50.010670-1300.118200Toluene51ug/l50.010270-1300.733200Toluene51ug/l50.010170-1300.173200Toluene51ug/l50.010170-1301.12200Toluene51ug/l50.010170-1300.173200Toluene51ug/l50.010170-130< | 1,3-Dichlorobenzene | 52 | | | ug/l | 50.0 | | 103 | 70-130 | 0.897 | 200 |
| Chloromethane43ug/l50.085.670-1300.8682002-Butanone51ug/l50.010370-1300.292200Dibromomethane48ug/l50.096.870-1301.01200Methylene Chloride46ug/l50.091.570-1300.5042001,2-Dichlorobenzene50ug/l50.010170-1301.012001,4-Dichlorobenzene51ug/l50.010270-1300.3742005tyrene50ug/l50.010170-1301.34200Tetrachloroethene53ug/l50.010670-1301.12200Methyl t-butyl ether (MTBE)53ug/l50.010770-1300.0188200Toluene51ug/l50.010270-1300.118200Toluene53ug/l50.010770-1300.118200trans-1,2-Dichloroethene48ug/l50.010170-1300.123200trans-1,3-Dichloropropene50ug/l50.010170-1300.210200Trichloroethene48ug/l50.095.370-1300.210200Trichloroethene58ug/l50.011670-1300.173200Vinyl Chloride49ug/l50.097.170-1301.01200 | Bromomethane | 63 | | | ug/l | 50.0 | | 126 | 70-130 | 8.28 | 200 |
| 2-Butanone51ug/l50.010370-1300.292200Dibromomethane48ug/l50.096.870-1301.01200Methylene Chloride46ug/l50.091.570-1300.5042001,2-Dichlorobenzene50ug/l50.010170-1300.3742001,4-Dichlorobenzene51ug/l50.010270-1300.374200Styrene50ug/l50.010170-1301.34200Tetrachloroethene53ug/l50.010670-1301.12200Methyl t-butyl ether (MTBE)53ug/l50.010770-1300.0188200Toluene51ug/l50.010270-1300.173200Toluene53ug/l50.010270-1300.0188200Trans-1,2-Dichloropthene48ug/l50.010170-1300.733200Trichloroethene50ug/l50.010170-1300.210200Trichloroethene48ug/l50.010170-1300.210200Trichloroethene48ug/l50.010170-1300.210200Trichloroethene58ug/l50.011670-1300.173200Vinyl Chloride49ug/l50.097.170-1301.01200 | Chloromethane | 43 | | | ug/l | 50.0 | | 85.6 | 70-130 | 0.868 | 200 |
| Dibromomethane48ug/l50.096.870-1301.01200Methylene Chloride46ug/l50.091.570-1300.5042001,2-Dichlorobenzene50ug/l50.010170-1301.012001,4-Dichlorobenzene51ug/l50.010270-1300.374200Styrene50ug/l50.010170-1301.34200Tetrachloroethene53ug/l50.010670-1301.12200Methyl t-butyl ether (MTBE)53ug/l50.010770-1300.0188200Toluene51ug/l50.010270-1300.133200trans-1,2-Dichloroethene48ug/l50.010170-1300.733200trans-1,3-Dichloropropene50ug/l50.010170-1300.733200Trichloroethene48ug/l50.010170-1300.210200Trichloroethene58ug/l50.011670-1300.173200Vinyl Chloride49ug/l50.097.170-1300.173200 | 2-Butanone | 51 | | | ug/l | 50.0 | | 103 | 70-130 | 0.292 | 200 |
| Methylene Chloride46ug/l50.091.570-1300.5042001,2-Dichlorobenzene50ug/l50.010170-1301.012001,4-Dichlorobenzene51ug/l50.010270-1300.374200Styrene50ug/l50.010170-1301.34200Tetrachloroethene53ug/l50.010670-1301.12200Methyl t-butyl ether (MTBE)53ug/l50.010770-1300.0188200Toluene51ug/l50.010270-1302.13200trans-1,2-Dichloroethene51ug/l50.010270-1302.13200trans-1,3-Dichloropropene50ug/l50.010170-1301.22200Trichloroethene48ug/l50.010170-1301.22200Trichloroethene58ug/l50.095.370-1300.210200Vinyl Chloride49ug/l50.097.170-1301.01200 | Dibromomethane | 48 | | | ug/l | 50.0 | | 96.8 | 70-130 | 1.01 | 200 |
| 1,2-Dichlorobenzene50ug/l50.010170-1301.012001,4-Dichlorobenzene51ug/l50.010270-1300.374200Styrene50ug/l50.010170-1301.34200Tetrachloroethene53ug/l50.010670-1301.12200Methyl t-butyl ether (MTBE)53ug/l50.010770-1300.0188200Toluene51ug/l50.010270-1302.13200trans-1,2-Dichloroethene51ug/l50.010270-1300.0188200trans-1,3-Dichloropropene50ug/l50.010270-1300.132200Trichloroethene48ug/l50.010170-1301.22200Trichloroethene58ug/l50.095.370-1300.210200Vinyl Chloride49ug/l50.097.170-1301.01200 | Methylene Chloride | 46 | | | ug/l | 50.0 | | 91.5 | 70-130 | 0.504 | 200 |
| 1,4-Dichlorobenzene51ug/l50.010270-1300.374200Styrene50ug/l50.010170-1301.34200Tetrachloroethene53ug/l50.010670-1301.12200Methyl t-butyl ether (MTBE)53ug/l50.010770-1300.0188200Toluene51ug/l50.010270-1302.13200trans-1,2-Dichloroethene48ug/l50.010170-1301.22200trans-1,3-Dichloropropene50ug/l50.010170-1301.22200Trichloroethene48ug/l50.095.370-1300.210200Trichloroethene58ug/l50.011670-1300.173200Vinyl Chloride49ug/l50.097.170-1301.01200 | 1,2-Dichlorobenzene | 50 | | | ug/l | 50.0 | | 101 | 70-130 | 1.01 | 200 |
| Styrene50ug/l50.010170-1301.34200Tetrachloroethene53ug/l50.010670-1301.12200Methyl t-butyl ether (MTBE)53ug/l50.010770-1300.0188200Toluene51ug/l50.010270-1302.13200trans-1,2-Dichloroethene48ug/l50.095.970-1300.733200trans-1,3-Dichloropropene50ug/l50.010170-1301.22200Trichloroethene48ug/l50.095.370-1300.210200Trichloroethene58ug/l50.011670-1300.173200Vinyl Chloride49ug/l50.097.170-1301.01200 | 1,4-Dichlorobenzene | 51 | | | ug/l | 50.0 | | 102 | 70-130 | 0.374 | 200 |
| Tetrachloroethene53ug/l50.010670-1301.12200Methyl t-butyl ether (MTBE)53ug/l50.010770-1300.0188200Toluene51ug/l50.010270-1302.13200trans-1,2-Dichloroethene48ug/l50.095.970-1300.733200trans-1,3-Dichloropropene50ug/l50.010170-1301.22200Trichloroethene48ug/l50.095.370-1300.210200Trichlorofluoromethane58ug/l50.011670-1300.173200Vinyl Chloride49ug/l50.097.170-1301.01200 | Styrene | 50 | | | ug/l | 50.0 | | 101 | 70-130 | 1.34 | 200 |
| Methyl t-butyl ether (MTBE)53ug/l50.010770-1300.0188200Toluene51ug/l50.010270-1302.13200trans-1,2-Dichloroethene48ug/l50.095.970-1300.733200trans-1,3-Dichloropropene50ug/l50.010170-1301.22200Trichloroethene48ug/l50.095.370-1300.210200Trichlorofluoromethane58ug/l50.011670-1300.173200Vinyl Chloride49ug/l50.097.170-1301.01200 | Tetrachloroethene | 53 | | | ug/l | 50.0 | | 106 | 70-130 | 1.12 | 200 |
| Toluene51ug/l50.010270-1302.13200trans-1,2-Dichloroethene48ug/l50.095.970-1300.733200trans-1,3-Dichloropropene50ug/l50.010170-1301.22200Trichloroethene48ug/l50.095.370-1300.210200Trichlorofluoromethane58ug/l50.011670-1300.173200Vinyl Chloride49ug/l50.097.170-1301.01200 | Methyl t-butyl ether (MTBE) | 53 | | | ug/l | 50.0 | | 107 | 70-130 | 0.0188 | 200 |
| trans-1,2-Dichloroethene48ug/l50.095.970-1300.733200trans-1,3-Dichloropropene50ug/l50.010170-1301.22200Trichloroethene48ug/l50.095.370-1300.210200Trichlorofluoromethane58ug/l50.011670-1300.173200Vinyl Chloride49ug/l50.097.170-1301.01200 | Toluene | 51 | | | ug/l | 50.0 | | 102 | 70-130 | 2.13 | 200 |
| trans-1,3-Dichloropropene50ug/l50.010170-1301.22200Trichloroethene48ug/l50.095.370-1300.210200Trichlorofluoromethane58ug/l50.011670-1300.173200Vinyl Chloride49ug/l50.097.170-1301.01200 | trans-1,2-Dichloroethene | 48 | | | ug/l | 50.0 | | 95.9 | 70-130 | 0.733 | 200 |
| Trichloroethene 48 ug/l 50.0 95.3 70-130 0.210 200 Trichlorofluoromethane 58 ug/l 50.0 116 70-130 0.173 200 Vinyl Chloride 49 ug/l 50.0 97.1 70-130 1.01 200 | trans-1,3-Dichloropropene | 50 | | | ug/l | 50.0 | | 101 | 70-130 | 1.22 | 200 |
| Trichlorofluoromethane 58 ug/l 50.0 116 70-130 0.173 200 Vinyl Chloride 49 ug/l 50.0 97.1 70-130 1.01 200 | Trichloroethene | 48 | | | ua/l | 50.0 | | 95.3 | 70-130 | 0.210 | 200 |
| Vinyl Chloride 49 ug/l 50.0 97.1 70-130 1.01 200 | Trichlorofluoromethane | 58 | | | ug/l | 50.0 | | 116 | 70-130 | 0.173 | 200 |
| | Vinyl Chloride | 49 | | | ua/l | 50.0 | | 97.1 | 70-130 | 1.01 | 200 |

Quality Control (Continued) Volatile Organic Compounds (Continued) RPD %REC Reporting Spike Source Analyte Result Qual Limit Units Level Result %REC Limits RPD Limit Batch: B0G0018 - Purge-Trap (Continued) LCS Dup (B0G0018-BSD1) Prepared & Analyzed: 06/30/20 Surrogate: Toluene-d8 50.3 ug/l 50.0 101 70-130 46.8 50.0 93.6 Surrogate: 1,2-Dichloroethane-d4 ug/l 70-130 50.0 ug/l *99.1* 70-130 Surrogate: 4-Bromofluorobenzene 49.6

| Item | Definition |
|------|---|
| Wet | Sample results reported on a wet weight basis. |
| ND | Analyte NOT DETECTED at or above the reporting limit. |

| 0 F 2 5068 d | · / / //////////////////////////////// | REMARKS | | | | | | | | - | | Parks: Special Instructions: List Specific Detection Limit Requirements | Landfill deleaton | Turnaround (Business Days) |
|--|--|--|--------------------------------------|----------|----------|---------|---------------|--------------|--------------|---|--|---|-----------------------------------|---|
| IN OF CUSTODY RECORD | e. ff. | | X lix 500 han X X 2x temi HCI X X | • | • | • | • | • | ₹ 7 7 | | | Date/Time Laboratory Rems Temp. received _ Cooled D | Date/Time | nature) Date/Time be 25 241573 |
| ING LABORATORY, INC. CHA | CATION MON, RI | HRELORP.COM SAMPLEID | t-0 | -13 | -13 | -14 | -15 | - llo | -17 | | | Date/Time Received by (Signature) レイカイント 1 スの | Date/Time Received by (Signature) | 4242 1515 Received for Landaton Av (Sig |
| NEW ENGLAND TESTI 59 Greenhill Street West Warwick, RI 02893 1-888-863-8522 | PROJ NO. PROJECT NAME/LOC 94139.24 TOUS | POLE COLP. POLE COLP. REPORT TO ABAR TON@ PI INVOICE TO ACCOUNTING DATE TIME O A B | WE + 400 X OU | mU South | 1345 CW- | 1450 0W | 1 1535 1 (JW- | Y 1215 Y OW- | V IZIS V OW. | | | Sampled by. (Signature) | Reinquished by (Signature) | Reinquispery by (Signature) |

Page 39 of 39

ATTACHMENT 2

Field Sampling Data Sheets, Surface Water and Observation Water Logs

| PROJECT NAME: PARE PROJECT NO.: | TIVERTON LANDFILL 94139.01 | DATE: WEATHER: | 6/24/2020 ~70°F, Partly Cloudy |
|---|---|---|-----------------------------------|
| FIELD TESTING RESULTS | <u>S:</u> | | |
| SURFACE WATER LO | CATION: <u>SW-1</u> | | |
| | READING 1 | | |
| pH: SPEC. COND: TEMPERATURE: | 6.40 pH UNITS 1.309 mS/cm 22.1 °C | | |
| ODOR PRESENT? SAMPLE COLOR | YES NO Red-brown | | |
| ADDITIONAL COMMENTS | Slightly cloudy | | |
| | | | |
| SURFACE WATER LO | CATION: <u>SW-2</u> | | |
| | READING 1 | | |
| pH: SPEC. COND: TEMPERATURE: | 6.55 pH UNITS 0.472 mS/cm 21.3 °C | | |
| ODOR PRESENT? SAMPLE COLOR | YES NO Red-brown | | |
| ADDITIONAL COMMENTS | Slightly cloudy | | |
| | | | |
| SURFACE WATER LO | CATION: <u>SW-3</u> | | |
| | READING 1 | | |
| pH: SPEC. COND: TEMPERATURE: | 7.07 pH UNITS 0.776 mS/cm 21.6 °C | | |
| ODOR PRESENT? SAMPLE COLOR | YES NO Brown/black | | |
| ADDITIONAL COMMENTS conditions (sulfur/rotten-eg | Slightly cloudy, slight odo | or of stagnant water/wetland conditions) | 1 |

| PROJECT NAME: | TIVERTON L | ANDFILL | | | | DATE: | 6/24/2 | 2020 |
|-------------------|------------|----------|------------|--------|------------|------------------------|---------------|------------|
| PROJECT NO.: | 94139.24 | | | | | WEATHER: | ~70°F, Part | ly Cloudy |
| WELL ID: | OW-7 | - | | | WELL (| DIAMETER (INCHES): | 2 | |
| PURGE DATA | | | | | | | | |
| DEPTH TO WATER (I | DTW): | 0.51 | feet | | MEASURE P | OINT: | Top of (| Casing |
| TOTAL WELL DEPTH | (DTB): | 11.80 | feet | | ELEVATION: | | 67 | 1 |
| VOLUME TO PURGE | : | 5.52 | gallons | | | | | |
| ACTUAL VOLUME P | URGED: | 6.00 | gallons | | WATER LEVI | EL MEASUREMENT DEVICE: | Solinst Inter | face Probe |
| PURGER TYPE: | | Peristal | tic Pump | | | | | |
| PURGE RATE (GPM) | : | 0. | 1 ± | | | | | |
| ELAPSED TIME (MIN | I): | 2 | 0 ± | | | | | |
| | | | | | | | | |
| | .50115 | | | | | | | |
| O ₂ (% | 20.9 | | CO (ppmv) | ND (0) | 7 | | | |
| % LE | L ND (0) | - | H₂S (ppmv) | ND (0) | - | | | |
| Total VOCs (ppmv |) ND (0) | | | | | | | |
| | | | | | | | | |
| Time | : 1543 | 1547 | 1551 | 1558 | | | | |
| рН | : 6.64 | 6.57 | 6.56 | 6.57 | | | | |
| Sp.Con. (mS/cm) | : 0.83 | 0.72 | 0.71 | 0.72 | | | | |
| Temp (°C) | : 19.40 | 18.20 | 18.40 | 18.30 | | | | |
| | | | | | | | | |
| | | | | | | | | |
| NOTES: | | | | | | | | |

Sample collected at 1600, sample color clear, minimal cloudiness

| PROJECT NAME: | TIVERTON I | LANDFILL | | | | DATE: | | 6/24/ | /2020 |
|--------------------|--------------|-----------|------------|--------|------------|--------------|-------------|--------------|--------------|
| PROJECT NO.: | 94139.24 | | | | | WEATHER: | | ~70°F, Par | tly Cloudy |
| WELL ID: | OW-9 | - | | | WELL D | DIAMETER (IN | CHES): | | 2 |
| PURGE DATA | | | | | | | | | |
| | | | | | | | | | |
| DEPTH TO WATER (| DTW): | 14.56 | feet | | MEASURE PO | DINT: | - | Top of | Casing |
| TOTAL WELL DEPTH | (DTB): | 15.54 | feet | | ELEVATION: | | - | 12 | 9.1 |
| VOLUME TO PURGE | : | 0.48 | gallons | | | | | | 6 - 1 |
| ACTUAL VOLUME PL | JRGED: | 1.00 | gallon | | WATER LEVE | EL MEASUREM | ENT DEVICE: | Solinst Inte | rtace Probe |
| PLINGER TYPE | | Peristalt | ic Pumn | | | | | | |
| PURGE RATE (GPM): | : | 0.3 | 1 ± | | | | | | |
| ELAPSED TIME (MIN |): | 20 |) ± | | | | | | |
| | | | | | | | | | |
| FIELD TESTING RE | SULTS | | | | | | | | |
| | | | | | | | | | |
| O ₂ (%) |) 20.9 |] | CO (ppmv) | ND (0) |] | | | | |
| % LEI | ND (0) | | H₂S (ppmv) | ND (0) | | | | | |
| Total VOCs (ppmv) |) ND (0) | J | | | | | | | |
| | | | | | • | | | | |
| Time | : 1057 | 1101 | 1108 | 1112 | | | | | |
| pH | : 6.53 | 6.49 | 6.48 | 6.48 | | | | | |
| Sp.Con. (mS/cm) | : 0.10 | 0.10 | 0.10 | 0.10 | | | | | |
| Temp (°C) | : 14.50 | 13.50 | 13.60 | 13.50 | | | | | |
| | | | | | | | | | |
| NOTES: | | | | | | | | | |
| Sampled at 1115, | sample color | clear | | | | | | | |

| PROJECT NAME: | TIVERTON L | ANDFILL | | | | DATE: | | 6/24, | /2020 |
|--------------------|------------|----------|------------|--------|------------|--------------|--------------|--------------|-------------|
| PROJECT NO.: | 94139.24 | | | | | WEATHER: | | ~70°F, Pai | rtly Cloudy |
| | | | | | | | | | _ |
| WELL ID: | OW-12 | | | | WELL | DIAMETER (II | NCHES): | | 2 |
| | | | | | | | | | |
| PURGE DATA | | | | | | | | | |
| DEPTH TO WATER (| DTW): | 5.43 | feet | | MEASURE P | OINT: | | Top of | Casing |
| TOTAL WELL DEPTH | (DTB): | 15.98 | feet | | ELEVATION: | | | 63 | .78 |
| VOLUME TO PURGE | : | 5.16 | gallons | | | | | | |
| ACTUAL VOLUME P | URGED: | 6.00 | gallon | | WATER LEV | EL MEASUREN | IENT DEVICE: | Solinst Inte | rface Probe |
| | | Poristal | tic Dump | | | | | | |
| PURGER TIPE. | | | 1 + | - | | | | | |
| ELAPSED TIME (MIN | I): | 2 | 0± | • | | | | | |
| - (| , | | | • | | | | | |
| | | | | | | | | | |
| FIELD TESTING RE | SULTS | | | | | | | | |
| | | | 66 () | | - | | | | |
| O ₂ (% | 20.3 | | CO (ppmv) | ND (0) | _ | | | | |
| % LE | | | H₂S (ppmv) | ND (0) | | | | | |
| Total VOCS (ppilly | | | | | | | | | |
| Time | : 1240 | 1244 | 1252 | 1258 | | | | | |
| pН | : 6.97 | 6.94 | 6.94 | 6.93 | | | | | |
| Sp.Con. (mS/cm) | : 0.45 | 0.34 | 0.34 | 0.34 | | | | | |
| Temp (°C) | : 17.60 | 16.40 | 16.50 | 16.40 | | | | | |
| | | | | | | | | | |
| | | | | | | | | | |
| NOTES: | | | | | | | | | |

Sampled at 1300, sample color clear

| PROJECT NAME: | TIVERTON I | ANDFILL | | | | DATE: | | 6/24 | /2020 |
|-------------------|---------------|----------|----------------|--------|-------------------------|-------------|--------------|--------------|--------------|
| PROJECT NO.: | 94139.24 | | | | | WEATHER: | | ~70°F, Pa | rtly Cloudy |
| WELL ID: | OW-13 | | | | WELL DIAMETER (INCHES): | | | | 2 |
| PURGE DATA | | | | | | | | | |
| DEPTH TO WATER (| DTW): | 4.18 | feet | | MEASURE PO | DINT: | | Top of | f Casing |
| TOTAL WELL DEPTH | I (DTB): | 14.45 | feet | | ELEVATION: | | | 49 | 0.39 |
| VOLUME TO PURGE | : | 5.02 | gallons | | | | | | |
| ACTUAL VOLUME P | URGED: | 5.50 | gallon | | WATER LEVE | EL MEASUREN | IENT DEVICE: | Solinst Inte | erface Probe |
| PURGER TYPE | | Peristal | tic Pump | | | | | | |
| PURGE RATE (GPM) | | 0. | <u>1 +</u> | | | | | | |
| FLAPSED TIME (MIN | l): | 2(| <u></u>) ± | | | | | | |
| FIELD TESTING RE | SULTS | | | | | | | | |
| O2 (% | 5) 20.9 |] | CO (ppmv) | ND (0) | 7 | | | | |
| % LE | L ND (0) | | H₂S (ppmv) | ND (0) | | | | | |
| Total VOCs (ppm) | /) 9.80 | | | | _ | | | | |
| Time | e: 1635 | 1641 | 1645 | 1650 | | | | | |
| p⊢ | l: 6.74 | 6.45 | 6.44 | 6.45 | | | | | |
| Sp.Con. (mS/cm) |): 1.42 | 1.32 | 1.31 | 1.31 | | | | | |
| Temp (°C |): 17.40 | 17.10 | 17.10 | 16.90 | | | | | |
| | | | | | | | | | |
| NOTES: | | | | | | | | | |
| Sampled at 1655, | sample color | clear | | | | | | | |
| No odors observe | d despite PID | reading | | | | | | | |

| PROJECT NAME: | TIVERTON L | ANDFILL | | | | DATE: | | 6/24, | /2020 |
|-------------------|------------------------------------|----------|-------------------|--------|------------|--------------|--------------------------|------------|------------|
| PROJECT NO.: | 94139.24 | | | | | WEATHER: | | ~70°F, Par | tly Cloudy |
| WELL ID: | OW-14 | | | | WELL D | DIAMETER (II | NCHES): | | 2 |
| PURGE DATA | | | | | | | | | |
| DEPTH TO WATER (| DTW): | 5.92 | feet | | MEASURE PO | DINT: | | Top of | Casing |
| TOTAL WELL DEPTH | TOTAL WELL DEPTH (DTB): 10.70 feet | | | | ELEVATION: | | | 86 | .13 |
| VOLUME TO PURGE | : URGED: | 2.34 | gallons gallon | | WATER LEVE | L MEASUREN | E: Solinst Interface Pro | | |
| PURGER TYPE: | | Peristal | tic Pump | | | | | | |
| PURGE RATE (GPM) | : | 0.1 | 1 ± | | | | | | |
| ELAPSED TIME (MIN | 1): | 2(|)± | | | | | | |
| FIELD TESTING RE | SULTS | | | | | | | | |
| O ₂ (% |) 20.9 | | CO (ppmv) | ND (0) |] | | | | |
| % LE | L ND (0) | | H₂S (ppmv) | ND (0) | | | | | |
| Total VOCs (ppmv | r) ND (0) | | | | | | | | |
| Time | 1320 | 1325 | 1330 | 1335 | 1340 | | | | |
| pН | 6.87 | 6.93 | 6.79 | 6.78 | 6.80 | | | | |
| Sp.Con. (mS/cm) | : 1.02 | 1.01 | 0.94 | 0.95 | 0.94 | | | | |
| Temp (°C) | : 19.30 | 19.20 | 18.60 | 18.50 | 18.50 | | | | |
| | | | | | | | | | |
| NOTES | | | | | | | | | |

NOTES:

Sampled at 1345, sample slightly cloudy, brown tinge

| PROJECT NAME: | TIVERTON I | ANDFILL | | | | DATE: | | 6/24, | /2020 | | |
|---|-----------------------------|----------------------|-------------------------|--------------|------------|-------------|--------------|--------------|-------------|--|--|
| PROJECT NO.: | 94139.24 | | | | | WEATHER: | | ~70°F, Pai | rtly Cloudy | | |
| WELL ID: | OW-15 | - | | | WELL [| DIAMETER (I | NCHES): | : | 2 | | |
| PURGE DATA | | | | | | | | | | | |
| DEPTH TO WATER (I | DTW): | 7.81 | feet | | MEASURE P | OINT: | | Top of | Casing | | |
| TOTAL WELL DEPTH (DTB): 16.90 feet | | | | | ELEVATION: | | | 7 | ' 6 | | |
| VOLUME TO PURGE | : | 4.45 | gallons | | | | | | | | |
| ACTUAL VOLUME P | URGED: | 5.00 | gallons | | WATER LEVE | EL MEASUREN | IENT DEVICE: | Solinst Inte | rface Probe | | |
| PURGER TYPE: PURGE RATE (GPM) ELAPSED TIME (MIN | : I): | Peristal 0. 20 | tic Pump 1 ± 0 ± | | | | | | | | |
| FIELD TESTING RE | SULTS | | | | | | | | | | |
| O₂ (% % LE Total VOCs (ppmv |) 12.7 L > 99 () 5.30 |] | CO (ppmv) H₂S (ppmv) | 35 ND (0) |] | | | | | | |
| Time | : 1425 | 1430 | 1435 | 1440 | 1445 | | | | | | |
| pН | 6.76 | 6.71 | 6.51 | 6.50 | 6.49 | | | | | | |
| Sp.Con. (mS/cm) | : 1.74 | 1.72 | 1.61 | 1.60 | 1.60 | | | | | | |
| Temp (°C) | : 18.30 | 18.10 | 17.30 | 17.40 | 17.30 | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |
| NOTES: | | | | | | | | | | | |

Sampled at 1450, sample color clear
FIELD SAMPLING DATA SHEET

| PROJECT NAME: | ANDFILL | | | | 6/24/2020 | | | | |
|--|--------------|--------------|------------------|-------|------------|-------------------------|---|--|--|
| PROJECT NO.: 94139.24 | | | | | | ~70°F, Partly Cloudy | | | |
| WELL ID: | OW-16 | - | | | WELL I | DIAMETER (INCHES): | 2 | | |
| PURGE DATA | | | | | | | | | |
| DEPTH TO WATER (DTW): | | 1.25 | feet | | MEASURE P | Top of Casing | | | |
| TOTAL WELL DEPTH (DTB): | | 45.80 feet | | | ELEVATION: | 67 | | | |
| VOLUME TO PURGE: | | 7.26 gallons | | | | | | | |
| ACTUAL VOLUME PURGED: | | 8.00 gallons | | | WATER LEV | Solinst Interface Probe | | | |
| PURGER TYPE: | | Peristal | tic Pump | | | | | | |
| PURGE RATE (GPM): | | 0.3 ± | | - | | | | | |
| ELAPSED TIME (MIN): | | 20 ± | | | | | | | |
| FIELD TESTING RE | SULTS | | | | | | | | |
| O2 (%) 20.9 CO (ppmv) % LEL ND (0) H2S (ppmv) Total VOCs (ppmv) ND (0) | | | ND (0) ND (0) |] | | | | | |
| Time | : 1515 | 1519 | 1523 | 1527 | 1531 | | | | |
| pH | 1: 7.09 | 7.10 | 7.08 | 7.06 | 7.07 | | | | |
| Sp.Con. (mS/cm) | : 1.21 | 1.01 | 0.92 | 0.91 | 0.91 | | | | |
| Temp (°C) | : 19.20 | 18.80 | 18.60 | 18.50 | 18.50 | | | | |
| | | | | | | | | | |
| NOTES: | | | | | | | | | |
| Sampled at 1535. | sample color | clear | | | | | | | |

Removed one well volume due to water column size

FIELD SAMPLING DATA SHEET

| PROJECT NAME: | TIVERTON LANDFILL | | | DATE: | | | | 6/24/2020 | | | |
|-------------------------|-------------------|------------------|------------|--------|---------------------------------|----------|----------------------|-------------------------|---------------|--|--|
| PROJECT NO.: | 94139.24 | | | | | WEATHER: | ~70°F, Partly Cloudy | | | | |
| WELL ID: | OW-17 | | | | WELL DIAMETER (INCHES): | | | 2 | | | |
| PURGE DATA | | | | | | | | | | | |
| DEPTH TO WATER (DTW): | | 8.98 feet | | | MEASURE POINT: | | | | Top of Casing | | |
| TOTAL WELL DEPTH (DTB): | | 22.23 feet | | | ELEVATION: | | | | 137.5 | | |
| VOLUME TO PURGE: | | 6.48 gallons | | | | | | | | | |
| ACTUAL VOLUME PURGED: | | 7.00 gallons | | | WATER LEVEL MEASUREMENT DEVICE: | | | Solinst Interface Probe | | | |
| PURGER TYPE: | | Peristaltic Pump | | | | | | | | | |
| PURGE RATE (GPM): | | 0.1 ± | | | | | | | | | |
| ELAPSED TIME (MIN): | | 20 ± | | | | | | | | | |
| FIELD TESTING RE | SULTS | | | | | | | | | | |
| O ₂ (% |) 20.9 | | CO (ppmv) | ND (0) | 1 | | | | | | |
| % LE | L ND (0) | | H₂S (ppmv) | ND (0) | | | | | | | |
| Total VOCs (ppmv |) ND (0) | | | | - | | | | | | |
| Time | : 1149 | 1154 | 1158 | 1204 | 1210 | | | | | | |
| pН | : 6.04 | 5.96 | 5.97 | 5.97 | 5.96 | | | | | | |
| Sp.Con. (mS/cm) | : 0.18 | 0.19 | 0.18 | 0.18 | 0.18 | | | | | | |
| Temp (°C) | : 13.90 | 12.70 | 12.10 | 11.90 | 11.80 | | | | | | |
| | | | | | | | | | | | |
| | | | | | | | | | | | |

NOTES:

Sampled at 1215, sample slightly cloudy with brown tinge

ATTACHMENT 3

Shewhart/CUSUM Graphs for Inorganic Compounds, Observation Wells


















































































































| Filename: | Graphs.docx |
|-------------------------|---|
| Directory: | C:\Users\ABarton\Desktop\94139.00 - Tiverton Landfill\94139.24\June |
| Template: | |
| Template. | C:\LIcorc\ABartan\AppData\Boaming\Microsoft\Tomplatoc\Normal dat |
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| | |
| litle: | |
| Subject: | |
| Author: | Arianne Barton |
| Keywords: | |
| Comments: | |
| Creation Date: | 7/26/2020 10:10:00 PM |
| Change Number: | 33 |
| Last Saved On: | 7/26/2020 11:15:00 PM |
| Last Saved By: | Arianne Barton |
| Total Editing Time: | 65 Minutes |
| Last Printed On: | 7/26/2020 11:15:00 PM |
| As of Last Complete Pri | nting |
| Number of Pages: | 57 |
| Number of Words: | 16 (approx.) |
| Number of Charact | ers: 94 (approx.) |

ATTACHMENT 4

Laboratory Analytical Report, Surface Water Sampling



REPORT OF ANALYTICAL RESULTS

NETLAB Work Order Number: 0F25069 Client Project: 94139 - Tiverton Landfill

Report Date: 01-July-2020

Prepared for:

Travis Johnson Pare Corporation 8 Blackstone Valley Place Lincoln, RI 02865

Richard Warila, Laboratory Director New England Testing Laboratory, Inc. 59 Greenhill Street West Warwick, RI 02893 rich.warila@newenglandtesting.com

Samples Submitted :

The samples listed below were submitted to New England Testing Laboratory on 06/25/20. The group of samples appearing in this report was assigned an internal identification number (case number) for laboratory information management purposes. The client's designations for the individual samples, along with our case numbers, are used to identify the samples in this report. This report of analytical results pertains only to the sample(s) provided to us by the client which are indicated on the custody record. The case number for this sample submission is 0F25069. Custody records are included in this report.

| Lab ID | Sample | Matrix | Date Sampled | Date Received |
|------------|--------|--------|--------------|---------------|
| 0F25069-01 | SW-1 | Water | 06/24/2020 | 06/25/2020 |
| 0F25069-02 | SW-2 | Water | 06/24/2020 | 06/25/2020 |
| 0F25069-03 | SW-3 | Water | 06/24/2020 | 06/25/2020 |

Request for Analysis

At the client's request, the analyses presented in the following table were performed on the samples submitted.

SW-1 (Lab Number: 0F25069-01)

| Analysis | Method |
|--------------------------|-------------------|
| Ammonia | SM4500-NH3-D (11) |
| Antimony | EPA 200.8 |
| Arsenic | EPA 200.8 |
| Barium | EPA 200.8 |
| Beryllium | EPA 200.8 |
| Cadmium | EPA 200.8 |
| Calcium | SM3120-B (11) |
| Chromium | EPA 200.8 |
| Cobalt | EPA 200.8 |
| Copper | EPA 200.8 |
| Iron | EPA 200.8 |
| Lead | EPA 200.8 |
| Magnesium | SM3120-B (11) |
| Mercury | EPA 7470A |
| Nickel | EPA 200.8 |
| Nitrate and Nitrite as N | 4500-N03-E |
| Nitrate as N | 4500-N03-E |
| Nitrite as N | SM4500-N02-B (11) |
| Selenium | EPA 200.8 |
| Silver | EPA 200.8 |
| Thallium | EPA 200.8 |
| Tin | EPA 200.8 |
| Total Kjeldahl Nitrogen | SM4500-N-C (11) |
| Total Nitrogen | Calculation |
| Total Phosphorous | SM4500-P-E (11) |
| Vanadium | EPA 200.8 |
| Zinc | EPA 200.8 |

SW-2 (Lab Number: 0F25069-02)

Analysis

Ammonia Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Mercury Nickel Nitrate and Nitrite as N Nitrate as N Nitrite as N Selenium

<u>Method</u>

SM4500-NH3-D (11) EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 SM3120-B (11) EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 SM3120-B (11) EPA 7470A EPA 200.8 4500-N03-E 4500-N03-E SM4500-N02-B (11) EPA 200.8

Request for Analysis (continued)

SW-2 (Lab Number: 0F25069-02) (continued)

<u>Analysis</u>

| Silver |
|-------------------------|
| Thallium |
| Tin |
| Total Kjeldahl Nitrogen |
| Total Nitrogen |
| Total Phosphorous |
| Vanadium |
| Zinc |

SW-3 (Lab Number: 0F25069-03)

Analysis

Ammonia Antimony Arsenic Barium Beryllium Cadmium Calcium Chromium Cobalt Copper Iron Lead Magnesium Mercury Nickel Nitrate and Nitrite as N Nitrate as N Nitrite as N Selenium Silver Thallium Tin Total Kjeldahl Nitrogen **Total Nitrogen Total Phosphorous** Vanadium Zinc

<u>Method</u>

```
EPA 200.8
EPA 200.8
EPA 200.8
SM4500-N-C (11)
Calculation
SM4500-P-E (11)
EPA 200.8
EPA 200.8
```

<u>Method</u>

SM4500-NH3-D (11) EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 SM3120-B (11) EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 SM3120-B (11) EPA 7470A EPA 200.8 4500-N03-E 4500-N03-E SM4500-N02-B (11) EPA 200.8 EPA 200.8 EPA 200.8 EPA 200.8 SM4500-N-C (11) Calculation SM4500-P-E (11) EPA 200.8 EPA 200.8

Method References

Methods for the Determination of Metals in Environmental Samples EPA-600/R-94/111, USEPA, 1994 Standard Methods for the Examination of Water and Wastewater, 20th Edition, APHA/ AWWA-WPCF, 1998 Test Methods for Evaluating Solid Waste, Physical/Chemical Methods, SW846, USEPA

Soil Survey Laboratory Methods Manual, USDA/NCRS, 2014

Case Narrative

Sample Receipt:

The samples associated with this work order were received in appropriately cooled and preserved containers. The chain of custody was adequately completed and corresponded to the samples submitted.

Exceptions: None

Analysis:

All samples were prepared and analyzed within method specified holding times and according to NETLAB's documented standard operating procedures. The results for the associated calibration, method blank and laboratory control sample (LCS) were within method specified quality control requirements and allowances. Results for all soil samples, unless otherwise indicated, are reported on a dry weight basis.

Exceptions: None

Results: General Chemistry

Sample: SW-1

Lab Number: 0F25069-01 (Water)

| | | | Reporting | | | |
|--------------------------|--------|------|-----------|-------|----------------|----------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| Ammonia | 0.3 | | 0.1 | mg/L | 06/29/20 | 06/29/20 |
| Kjeldahl Nitrogen | 3.8 | | 0.5 | mg/L | 06/29/20 | 06/29/20 |
| Nitrate as N | 0.0430 | | 0.0370 | mg/L | 06/25/20 17:20 | 06/25/20 17:20 |
| Nitrate and Nitrite as N | 0.04 | | 0.03 | mg/L | 06/25/20 | 06/25/20 |
| Nitrite as N | ND | | 0.007 | mg/L | 06/25/20 17:20 | 06/25/20 17:20 |
| Total Phosphorous | ND | | 0.10 | mg/L | 06/30/20 | 06/30/20 |
| Total Nitrogen | 3.84 | | 0.500 | mg/L | 06/30/20 | 06/30/20 |

Results: General Chemistry

Sample: SW-2

Lab Number: 0F25069-02 (Water)

| Reporting | | | | | | |
|--------------------------|--------|------|--------|-------|----------------|----------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| Ammonia | 0.9 | | 0.1 | mg/L | 06/29/20 | 06/29/20 |
| Kjeldahl Nitrogen | 4.0 | | 0.5 | mg/L | 06/29/20 | 06/29/20 |
| Nitrate as N | ND | | 0.0370 | mg/L | 06/25/20 17:20 | 06/25/20 17:20 |
| Nitrate and Nitrite as N | ND | | 0.03 | mg/L | 06/25/20 | 06/25/20 |
| Nitrite as N | ND | | 0.007 | mg/L | 06/25/20 17:20 | 06/25/20 17:20 |
| Total Phosphorous | ND | | 0.10 | mg/L | 06/30/20 | 06/30/20 |
| Total Nitrogen | 4.00 | | 0.500 | mg/L | 06/30/20 | 06/30/20 |

Results: General Chemistry

Sample: SW-3

Lab Number: 0F25069-03 (Water)

| Reporting | | | | | | |
|--------------------------|--------|------|-------|-------|----------------|----------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| Ammonia | 0.8 | | 0.1 | mg/L | 06/29/20 | 06/29/20 |
| Kjeldahl Nitrogen | 93.4 | | 1.0 | mg/L | 06/29/20 | 06/29/20 |
| Nitrate as N | 4.32 | | 0.157 | mg/L | 06/25/20 17:20 | 06/25/20 17:20 |
| Nitrate and Nitrite as N | 4.32 | | 0.15 | mg/L | 06/25/20 | 06/25/20 |
| Nitrite as N | ND | | 0.007 | mg/L | 06/25/20 17:20 | 06/25/20 17:20 |
| Total Phosphorous | 17.3 | | 1.00 | mg/L | 06/30/20 | 06/30/20 |
| Total Nitrogen | 97.7 | | 1.00 | mg/L | 06/30/20 | 06/30/20 |

Results: Total Metals

Sample: SW-1

Lab Number: 0F25069-01 (Water)

| AnalyteResultQualLimitUnitsDate PreparedDate AnalyzedTotal Hardness51.50.125mg/L06/26/2006/29/20AntimonyND0.0005mg/L06/26/2006/26/20 | l |
|--|---|
| Total Hardness 51.5 0.125 mg/L 06/26/20 06/29/20 Antimony ND 0.0005 mg/L 06/26/20 06/26/20 | |
| Antimony ND 0.0005 mg/L 06/26/20 06/26/20 | |
| | |
| Arsenic 0.0016 0.0005 mg/L 06/26/20 06/26/20 | |
| Barium 0.029 0.005 mg/l 06/26/20 06/26/20 | |
| Beryllium ND 0.0005 mg/L 06/26/20 06/26/20 | |
| Cadmium ND 0.0005 mg/L 06/26/20 06/26/20 | |
| Calcium 14.2 0.05 mg/L 06/26/20 06/29/20 | |
| Chromium 0.0036 0.0005 mg/L 06/26/20 06/26/20 | |
| Cobalt 0.0027 0.0005 mg/L 06/26/20 06/26/20 | |
| Copper ND 0.005 mg/l 06/26/20 06/26/20 | |
| Iron 15.3 0.005 mg/l 06/26/20 06/26/20 | |
| Magnesium 3.90 0.05 mg/L 06/26/20 06/29/20 | |
| Mercury ND 0.0002 mg/L 06/29/20 06/29/20 | |
| Nickel 0.008 0.005 mg/l 06/26/20 06/26/20 | |
| Selenium ND 0.025 mg/L 06/26/20 06/26/20 | |
| Silver ND 0.0005 mg/L 06/26/20 06/26/20 | |
| Thallium ND 0.0005 mg/L 06/26/20 06/26/20 | |
| Tin ND 0.025 mg/l 06/26/20 06/26/20 | |
| Vanadium 0.0065 0.0025 mg/L 06/26/20 06/26/20 | |
| Zinc 0.269 0.005 mg/l 06/26/20 06/26/20 | |
| Lead 0.0151 0.0005 mg/L 06/26/20 06/26/20 | |

Results: Total Metals

Sample: SW-2

Lab Number: 0F25069-02 (Water)

| Reporting | | | | | | |
|----------------|--------|------|--------|-------|---------------|---------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| Total Hardness | 23.5 | | 0.125 | mg/L | 06/26/20 | 06/29/20 |
| Antimony | ND | | 0.0005 | mg/L | 06/26/20 | 06/26/20 |
| Arsenic | 0.0011 | | 0.0005 | mg/L | 06/26/20 | 06/26/20 |
| Barium | 0.015 | | 0.005 | mg/l | 06/26/20 | 06/26/20 |
| Beryllium | ND | | 0.0005 | mg/L | 06/26/20 | 06/26/20 |
| Cadmium | ND | | 0.0005 | mg/L | 06/26/20 | 06/26/20 |
| Calcium | 5.90 | | 0.05 | mg/L | 06/26/20 | 06/29/20 |
| Chromium | 0.0025 | | 0.0005 | mg/L | 06/26/20 | 06/26/20 |
| Cobalt | 0.0035 | | 0.0005 | mg/L | 06/26/20 | 06/26/20 |
| Copper | ND | | 0.005 | mg/l | 06/26/20 | 06/26/20 |
| Iron | 7.08 | | 0.005 | mg/l | 06/26/20 | 06/26/20 |
| Magnesium | 2.13 | | 0.05 | mg/L | 06/26/20 | 06/29/20 |
| Mercury | ND | | 0.0002 | mg/L | 06/29/20 | 06/29/20 |
| Nickel | 0.005 | | 0.005 | mg/l | 06/26/20 | 06/26/20 |
| Selenium | ND | | 0.025 | mg/L | 06/26/20 | 06/26/20 |
| Silver | ND | | 0.0005 | mg/L | 06/26/20 | 06/26/20 |
| Thallium | ND | | 0.0005 | mg/L | 06/26/20 | 06/26/20 |
| Tin | ND | | 0.025 | mg/l | 06/26/20 | 06/26/20 |
| Vanadium | 0.0031 | | 0.0025 | mg/L | 06/26/20 | 06/26/20 |
| Zinc | 0.095 | | 0.005 | mg/l | 06/26/20 | 06/26/20 |
| Lead | 0.0103 | | 0.0005 | mg/L | 06/26/20 | 06/26/20 |
| | | | | | | |
Results: Total Metals

Sample: SW-3

Lab Number: 0F25069-03 (Water)

| | | | Reporting | | | |
|----------------|--------|------|-----------|-------|---------------|---------------|
| Analyte | Result | Qual | Limit | Units | Date Prepared | Date Analyzed |
| Total Hardness | 770 | | 0.624 | mg/L | 06/26/20 | 06/29/20 |
| Antimony | ND | | 0.0050 | mg/L | 06/26/20 | 06/26/20 |
| Arsenic | 0.0448 | | 0.0050 | mg/L | 06/26/20 | 06/26/20 |
| Barium | 2.50 | | 0.050 | mg/l | 06/26/20 | 06/26/20 |
| Beryllium | ND | | 0.0050 | mg/L | 06/26/20 | 06/26/20 |
| Cadmium | ND | | 0.0050 | mg/L | 06/26/20 | 06/26/20 |
| Calcium | 241 | | 0.25 | mg/L | 06/26/20 | 06/29/20 |
| Chromium | 0.0906 | | 0.0050 | mg/L | 06/26/20 | 06/26/20 |
| Cobalt | 0.0427 | | 0.0050 | mg/L | 06/26/20 | 06/26/20 |
| Copper | 0.168 | | 0.050 | mg/l | 06/26/20 | 06/26/20 |
| Iron | 903 | | 0.050 | mg/l | 06/26/20 | 06/26/20 |
| Magnesium | 40.6 | | 0.25 | mg/L | 06/26/20 | 06/29/20 |
| Mercury | ND | | 0.0002 | mg/L | 06/29/20 | 06/29/20 |
| Nickel | 0.107 | | 0.050 | mg/l | 06/26/20 | 06/26/20 |
| Selenium | ND | | 0.250 | mg/L | 06/26/20 | 06/26/20 |
| Silver | ND | | 0.0050 | mg/L | 06/26/20 | 06/26/20 |
| Thallium | ND | | 0.0050 | mg/L | 06/26/20 | 06/26/20 |
| Tin | ND | | 0.250 | mg/l | 06/26/20 | 06/26/20 |
| Vanadium | 0.155 | | 0.0250 | mg/L | 06/26/20 | 06/26/20 |
| Zinc | 1.05 | | 0.050 | mg/l | 06/26/20 | 06/26/20 |
| Lead | 0.539 | | 0.0050 | mg/L | 06/26/20 | 06/26/20 |
| | | | | | | |

Quality Control

General Chemistry

| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
|------------------------------------|--------|----------|--------------------|-------|----------------|------------------|---------|----------------|------|--------------|
| Batch: B0F1104 - General Chemistry | , | | | | | | | | | |
| Blank (BOF1104-BLK1) | | | | | Prepared 8 | Analvzed: 0 | 6/25/20 | | | |
| Nitrate and Nitrite as N | ND | | 0.03 | mg/L | | ., | -, -, - | | | |
| Blank (B0F1104-BLK2) | | | | | Prepared 8 | & Analyzed: 0 | 6/25/20 | | | |
| Nitrate and Nitrite as N | ND | | 0.03 | mg/L | | | | | | |
| Blank (B0F1104-BLK3) | | | | | Prepared 8 | Analyzed: 0 | 6/25/20 | | | |
| Nitrate and Nitrite as N | ND | | 0.03 | mg/L | | | | | | |
| LCS (B0F1104-BS1) | | | | | Prepared 8 | Analyzed: 0 | 6/25/20 | | | |
| Nitrate and Nitrite as N | 0.78 | | 0.03 | mg/L | 0.800 | | 97.4 | 90-110 | | |
| LCS (B0F1104-BS2) | | | | | Prepared 8 | Analyzed: 0 | 6/25/20 | | | |
| Nitrate and Nitrite as N | 0.83 | | 0.03 | mg/L | 0.800 | | 104 | 90-110 | | |
| LCS (B0F1104-BS3) | | | | | Prepared 8 | Analyzed: 0 | 6/25/20 | | | |
| Nitrate and Nitrite as N | 0.80 | | 0.03 | mg/L | 0.800 | | 99.6 | 90-110 | | |
| Duplicate (B0F1104-DUP1) | s | ource: 0 | F24027-03 | | Prepared 8 | Analyzed: 0 | 6/25/20 | | | |
| Nitrate and Nitrite as N | 2.83 | | 0.15 | mg/L | | 3.92 | | | 32.2 | 200 |
| Matrix Spike (B0F1104-MS1) | s | ource: 0 | F24027-03 | | Prepared 8 | & Analyzed: 0 | 6/25/20 | | | |
| Nitrate and Nitrite as N | 4.02 | | 0.15 | mg/L | 0.800 | 3.92 | 12.5 | 80-120 | | |
| Batch: B0F1105 - Nitrite | | | | | | | | | | |
| Blank (B0F1105-BLK1) | | | | | Prepared 8 | Analyzed: 0 | 6/25/20 | | | |
| Nitrite as N | ND | | 0.007 | mg/L | | , | | | | |
| | | | | | | | | | | |

Quality Control (Continued)

General Chemistry (Continued)

| General Chemistry (Continued) | | | | | | | | | | |
|---------------------------------|--------|----------|-----------|--------|------------|---------------|---------|---------|------|-------|
| Appleto | Pocult | Qual | Reporting | Unito | Spike | Source | %DEC | %REC | חסס | RPD |
| Analyte | Result | Quai | LIIIIC | UTIILS | Level | Result | 70KLC | LITTICS | KF D | Linne |
| Batch: B0F1105 - Nitrite (Conti | inued) | | | | | | | | | |
| Blank (B0F1105-BLK2) | - | | | | Prepared 8 | & Analyzed: 0 | 6/25/20 | | | |
| Nitrite as N | ND | | 0.007 | mg/L | | | | | | |
| Blank (B0F1105-BLK3) | | | | | Prepared 8 | & Analyzed: 0 | 6/25/20 | | | |
| Nitrite as N | ND | | 0.007 | mg/L | | | | | | |
| LCS (B0F1105-BS1) | | | | | Prepared 8 | & Analyzed: 0 | 6/25/20 | | | |
| Nitrite as N | 0.093 | | 0.007 | mg/L | 0.100 | | 93.0 | 90-110 | | |
| LCS (B0F1105-BS2) | | | | | Prepared 8 | & Analyzed: 0 | 6/25/20 | | | |
| Nitrite as N | 0.097 | | 0.007 | mg/L | 0.100 | | 97.0 | 90-110 | | |
| LCS (B0F1105-BS3) | | | | | Prepared 8 | & Analyzed: 0 | 6/25/20 | | | |
| Nitrite as N | 0.093 | | 0.007 | mg/L | 0.100 | | 93.0 | 90-110 | | |
| Duplicate (B0F1105-DUP1) | S | ource: 0 | F24027-03 | | Prepared 8 | & Analyzed: 0 | 6/25/20 | | | |
| Nitrite as N | ND | | 0.007 | mg/L | | ND | | | | 20 |
| Matrix Spike (B0F1105-MS1) | S | ource: 0 | F24027-03 | | Prepared 8 | & Analyzed: 0 | 6/25/20 | | | |
| Nitrite as N | 0.064 | | 0.007 | mg/L | 0.100 | ND | 64.0 | 80-120 | | |
| Batch: B0F1247 - Ammonia | | | | | | | | | | |
| Blank (B0F1247-BLK1) | | | | | Prepared 8 | & Analvzed: 0 | 6/29/20 | | | |
| Ammonia | ND | | 0.1 | mg/L | | , | | | | |
| Blank (B0F1247-BLK2) | | | | | Prepared 8 | & Analyzed: 0 | 6/29/20 | | | |
| Ammonia | ND | | 0.1 | mg/L | | | | | | |

Quality Control

(Continued)

General Chemistry (Continued)

| | | | Reporting | | Spike | Source | | %REC | | RPD |
|----------------------------------|--------|-----------|-----------|-------|------------|---------------|---------|--------|-----|-------|
| Analyte | Result | Qual | Limit | Units | Level | Result | %REC | Limits | RPD | Limit |
| Batch: B0F1247 - Ammonia (Conti | inued) | | | | | | | | | |
| LCS (B0F1247-BS1) | | | | | Prepared 8 | & Analyzed: 0 | 6/29/20 | | | |
| Ammonia | 1.0 | | 0.1 | mg/L | 1.00 | | 95.3 | 90-110 | | |
| LCS (B0F1247-BS2) | | | | | Prepared 8 | & Analyzed: 0 | 6/29/20 | | | |
| Ammonia | 0.9 | | 0.1 | mg/L | 1.00 | | 90.9 | 90-110 | | |
| Duplicate (B0F1247-DUP1) | 9 | Source: 0 | F25017-01 | | Prepared 8 | & Analyzed: 0 | 6/29/20 | | | |
| Ammonia | ND | | 0.1 | mg/L | | ND | | | | 20 |
| Matrix Spike (B0F1247-MS1) | 9 | Source: 0 | F25017-01 | | Prepared 8 | & Analyzed: 0 | 6/29/20 | | | |
| Ammonia | 0.6 | | 0.1 | mg/L | 1.00 | ND | 62.9 | 80-120 | | |
| Batch: B0F1272 - TKN | | | | | | | | | | |
| Blank (B0F1272-BLK1) | | | | | Prepared 8 | & Analyzed: 0 | 6/29/20 | | | |
| Kjeldahl Nitrogen | ND | | 0.1 | mg/L | | | | | | |
| Blank (B0F1272-BLK2) | | | | | Prepared 8 | & Analyzed: 0 | 6/29/20 | | | |
| Kjeldahl Nitrogen | ND | | 0.1 | mg/L | | | | | | |
| Batch: B0G0008 - Total phosphate | 9 | | | | | | | | | |
| Blank (B0G0008-BLK1) | | | | | Prepared 8 | & Analyzed: 0 | 6/30/20 | | | |
| Total Phosphorous | ND | | 0.02 | mg/L | | | | | | |
| Blank (B0G0008-BLK2) | | | | | Prepared 8 | & Analyzed: 0 | 6/30/20 | | | |
| Total Phosphorous | ND | | 0.02 | mg/L | | | | | | |
| | | | | | | | | | | |

| | | | Quality (Cont | Control inued) | | | | | | |
|--------------------------------|-------------|-----------|--------------------|-------------------|----------------|------------------|---------|----------------|-----|--------------|
| General Chemistry (Continued) | | | | | | | | | | |
| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| Batch: B0G0008 - Total phospha | te (Contini | ued) | | | | | | | | |
| LCS (B0G0008-BS1) | | | | | Prepared 8 | & Analyzed: 0 | 6/30/20 | | | |
| Total Phosphorous | 1.01 | | 0.02 | mg/L | 1.00 | | 101 | 90-110 | | |
| LCS (B0G0008-BS2) | | | | | Prepared 8 | & Analyzed: 0 | 6/30/20 | | | |
| Total Phosphorous | 1.08 | | 0.02 | mg/L | 1.00 | | 108 | 90-110 | | |
| Duplicate (B0G0008-DUP1) | 9 | Source: 0 | F25032-03 | | Prepared 8 | & Analyzed: 0 | 6/30/20 | | | |
| Total Phosphorous | ND | | 0.02 | mg/L | | ND | | | | 20 |
| Matrix Spike (B0G0008-MS1) | 5 | Source: 0 | F25032-03 | | Prepared 8 | & Analyzed: 0 | 6/30/20 | | | |
| Total Phosphorous | 0.90 | | 0.02 | mg/L | 1.00 | ND | 89.8 | 80-120 | | |

Quality Control (Continued)

Total Motals

| TOLAI MELAIS | | | | | | | | | | |
|-----------------------------------|--------|------|--------------------|-------|----------------|------------------|-------------|----------------|-----|--------------|
| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| Batch: B0F1167 - Metals Digestion | Waters | | | | | | | | | |
| Blank (B0F1167-BLK1) | | | | | Prepared 8 | Analyzed: 0 | 5/26/20 | | | |
| Cobalt | ND | | 0.0001 | mg/L | | | | | | |
| Cadmium | ND | | 0.0001 | mg/L | | | | | | |
| Beryllium | ND | | 0.0001 | mg/L | | | | | | |
| Barium | ND | | 0.001 | mg/l | | | | | | |
| Arsenic | ND | | 0.0001 | mg/L | | | | | | |
| Magnesium | ND | | 0.05 | mg/L | | | | | | |
| Silver | ND | | 0.0001 | mg/L | | | | | | |
| Calcium | ND | | 0.05 | mg/L | | | | | | |
| Chromium | ND | | 0.0001 | mg/L | | | | | | |
| Iron | ND | | 0.001 | mg/l | | | | | | |
| Selenium | ND | | 0.005 | mg/L | | | | | | |
| Antimony | ND | | 0.0001 | mg/L | | | | | | |
| Copper | ND | | 0.001 | mg/l | | | | | | |
| Tin | ND | | 0.005 | mg/l | | | | | | |
| Thallium | ND | | 0.0001 | mg/L | | | | | | |
| Vanadium | ND | | 0.0005 | mg/L | | | | | | |
| Zinc | ND | | 0.001 | mg/l | | | | | | |
| Nickel | ND | | 0.001 | mg/l | | | | | | |
| Lead | ND | | 0.0001 | mg/L | | | | | | |
| LCS (B0F1167-BS1) | | | | Pr | repared: 06/2 | 6/20 Analyze | d: 06/29/20 | | | |
| Magnesium | 10.3 | | 0.05 | mg/L | 10.0 | | 103 | 85-115 | | |
| Calcium | 10.7 | | 0.05 | mg/L | 10.0 | | 107 | 85-115 | | |
| LCS (B0F1167-BS2) | | | | | Prepared 8 | Analyzed: 0 | 5/26/20 | | | |
| Nickel | 0.194 | | 0.001 | mg/l | 0.200 | | 97.2 | 85-115 | | |
| Zinc | 0.200 | | 0.001 | mg/l | 0.200 | | 99.9 | 85-115 | | |
| Vanadium | 0.0200 | | 0.0005 | mg/L | 0.0200 | | 99.8 | 85-115 | | |
| Thallium | 0.0197 | | 0.0001 | mg/L | 0.0200 | | 98.5 | 85-115 | | |
| Tin | 0.020 | | 0.005 | mg/l | 0.0200 | | 102 | 85-115 | | |
| Selenium | 0.020 | | 0.005 | mg/L | 0.0200 | | 101 | 85-115 | | |
| Chromium | 0.0203 | | 0.0001 | mg/L | 0.0200 | | 102 | 85-115 | | |
| Silver | 0.0206 | | 0.0001 | mg/L | 0.0200 | | 103 | 85-115 | | |
| Iron | 0.184 | | 0.001 | mg/l | 0.200 | | 91.8 | 85-115 | | |
| Copper | 0.188 | | 0.001 | mg/l | 0.200 | | 93.8 | 85-115 | | |
| Cobalt | 0.0193 | | 0.0001 | mg/L | 0.0200 | | 96.5 | 85-115 | | |
| Cadmium | 0.0191 | | 0.0001 | mg/L | 0.0200 | | 95.4 | 85-115 | | |
| Beryllium | 0.0200 | | 0.0001 | mg/L | 0.0200 | | 100 | 85-115 | | |
| Barium | 0.197 | | 0.001 | mg/l | 0.200 | | 98.3 | 85-115 | | |
| Arsenic | 0.0199 | | 0.0001 | mg/L | 0.0200 | | 99.6 | 85-115 | | |
| Antimony | 0.0200 | | 0.0001 | mg/L | 0.0200 | | 100 | 85-115 | | |
| Lead | 0.0197 | | 0.0001 | mg/L | 0.0200 | | 98.7 | 85-115 | | |

| | | | Quality (Cont | Control inued) | | | | | | |
|----------------------------------|----------|------|--------------------|-------------------|----------------|------------------|-------------|----------------|-----|--------------|
| Total Metals (Continued) | | | | | | | | | | |
| Analyte | Result | Qual | Reporting Limit | Units | Spike Level | Source Result | %REC | %REC Limits | RPD | RPD Limit |
| Batch: B0F1238 - Metals Cold-Vap | or Mercu | ry | | | | | | | | |
| Blank (B0F1238-BLK1) | | | | Р | repared: 06/3 | 0/20 Analyze | d: 06/29/20 | | | |
| Mercury | ND | | 0.0002 | mg/L | | | | | | |
| LCS (B0F1238-BS1) | | | | Р | repared: 06/3 | 0/20 Analyze | d: 06/29/20 | | | |
| Mercury | 0.0010 | | 0.0002 | mg/L | 0.00100 | | 103 | 85-115 | | |

| Item | Definition |
|------|---|
| Wet | Sample results reported on a wet weight basis. |
| ND | Analyte NOT DETECTED at or above the reporting limit. |

| | JSTODY RECO | 0 F 2 5069 j |
|--|---|---|
| a. OI TNEATON, RI | | |
| CICE CORP. TTO ABARTON@ PARE CORP. COM ETO ACCUNTING M A ROUNTING SAMPLEID. SAMPLEID. | CONTAINERS π π π π π π π π π π π π π | POLICIC STATES |
| ∞045 X SW-1 X 1845 SW-2 1 | 3. • trucs A X X • 1. • • trucs | |
| Image: 1 Image: 1 Image: 1 | > > > > > > > > >* | > |
| | | |
| ad by (Signature) ad by (Signature) | Date/Time Laboratory Remark Temp. received: | Special Instructions Special Instructions List Specific Detection Limit Requirements: Landfill defCHM |
| Jished by (Signature) Date/Time Received or Lab atoly by (Signature) | Lefts 22 1515 | Turnaround (Business Days) Std. |

ATTACHMENT 5

June 2020 Precipitation Data, Tiverton, RI

U.S. Department of Commerce

National Oceanic & Atmospheric Administration

National Environmental Satellite, Data, and Information Service

Current Location: Elev: 126 ft. Lat: 41.5966° N Lon: -71.1656° W Station: TIVERTON 4.4 SSE, RI US US1RINW0017

Record of Climatological Observations These data are quality controlled and may not

Generated on 07/26/2020

National Centers for Environmental Information 151 Patton Avenue Asheville, North Carolina 28801

be identical to the original observations.

Observation Time Temperature: Unknown Observation Time Precipitation: Unknown

| | | | Те | mperature (| F) | | | Precipitation | | | Evapo | ration | | | Soil Temp | erature (F) | | |
|------------------|-----------------------|-------------|----------------------|---------------------|---|---------------------------------------|--------------------|------------------------------------|------------------|---|-------------------------------------|-------------------------|----------------------------|-------------|-----------|----------------------------|-------------|------|
| | | | 24 Hrs. E Observa | Inding at tion Time | At O | 24 Ho | ur Amou Observa | unts Ending a tion Time | at | At Obs. Time | | | | 4 in. Depth | | | 8 in. Depth | |
| Y e a r | M o n t h | D a y | Max. | Min. | b e r v a t i o n | Rain, Melted Snow, Etc. (in) | F I a g | Snow, Ice Pellets, Hail (in) | F I a g | Snow, Ice Pellets, Hail, Ice on Ground (in) | 24 Hour Wind Movement (mi) | Amount of Evap. (in) | Ground Cover (see *) | Max. | Min. | Ground Cover (see *) | Max. | Min. |
| 2020 | 06 | 01 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 02 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 03 | | | | 0.03 | | | | | | | | | | | | |
| 2020 | 06 | 04 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 05 | | | | 0.09 | | | | | | | | | | | | |
| 2020 | 06 | 06 | | | | 0.62 | | | | | | | | | | | | |
| 2020 | 06 | 07 | | | | Т | | | | | | | | | | | | |
| 2020 | 06 | 08 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 09 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 10 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 11 | | | | 0.45 | | | | | | | | | | | | |
| 2020 | 06 | 12 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 13 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 14 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 15 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 16 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 17 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 18 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 19 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 20 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 21 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 22 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 23 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 24 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 25 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 26 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 27 | | | | 0.54 | | | | | | | | | | | | |
| 2020 | 06 | 28 | | | | 0.00 | | 0.0 | | | | | | | | | | |
| 2020 | 06 | 29 | | | | 0.81 | | | | | | | | | | | | |
| 2020 | 06 | 30 | | | | 0.09 | | | | | | | | | | | | |
| | | Summary | | | | 2.63 | | 0.0 | | | | | | | | | | |

Empty, or blank, cells indicate that a data observation was not reported.

*Ground Cover: 1=Grass; 2=Fallow; 3=Bare Ground; 4=Brome grass; 5=Sod; 6=Straw mulch; 7=Grass muck; 8=Bare muck; 0=Unknown

"s" This data value failed one of NCDC's quality control tests.

"T" values in the Precipitation or Snow category above indicate a "trace" value was recorded.

"A" values in the Precipitation Flag or the Snow Flag column indicate a multiday total, accumulated since last measurement, is being used.

Data value inconsistency may be present due to rounding calculations during the conversion process from SI metric units to standard imperial units.

ATTACHMENT 6

Charts of Historical Inorganic Compound Detections, Surface Water Sampling





Detected Metals at Surface Water Sampling Location SW-3 Tiverton Landfill



ATTACHMENT 7

MTBE Historical Concentrations Graphs





| Filename: | MTBE Graphs.docx |
|-------------------------|---|
| Directory: 2020 | C:\Users\ABarton\Desktop\94139.00 - Tiverton Landfill\94139.24\June |
| Template: | |
| | C:\Users\ABarton\AppData\Roaming\Microsoft\Templates\Normal.dot |
| m | |
| Title: | |
| Subject: | |
| Author: | Arianne Barton |
| Keywords: | |
| Comments: | |
| Creation Date: | 7/26/2020 11:22:00 PM |
| Change Number: | 1 |
| Last Saved On: | 7/26/2020 11:27:00 PM |
| Last Saved By: | Arianne Barton |
| Total Editing Time: | 5 Minutes |
| Last Printed On: | 7/26/2020 11:28:00 PM |
| As of Last Complete Pri | nting |
| Number of Pages: | 2 |
| Number of Words: | 3 (approx.) |
| Number of Charact | ers: 19 (approx.) |