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ENVIRONMENTAL CONSULTATION & REMEDIATION

KPRG and Associates, Inc.

PERIODIC REVIEW REPORT

PERIOD: July 2019 – June 2020

SITE: Machias Gravel Pit Site, Machias, New York (#905013)

DATE: July 16, 2020

SUBJECT: Post-Remediation Groundwater Monitoring and General Site Activities

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1.0 INTRODUCTION

1.1 Site Summary

The initial disposal site is identified as the Inactive Gravel Pit and is located on the west side of Very Road approximately 2 miles west of the Town of Machias, Cattaraugus County, New York. It is approximately 5.4 acres in size (see Figure 1 in Attachment 1). The gravel pit is owned by the Town of Machias. The Inactive Gravel Pit was reportedly used for the storage of approximately 600 drums of industrial waste material from the former Motorola plant in Arcade, New York between March and September 1978, prior to waste disposal regulations. The drums were suspected of containing epoxy resins, acids, flammable and non-flammable solvents and cutting oils. The oils received at the site were reportedly spread on local roads for dust control by town personnel. In 1986 and 1987, prior to Motorola involvement in the project, the NYSDEC oversaw a drum removal and soil remediation project conducted by the Town of Machias. An attempt to cleanup impacted soil was made by the Town of Machias by excavating a small portion of soil from directly beneath the drums and placing it on plastic. The soil was to be turned routinely to promote volatilization. It is unclear whether this soil was eventually removed from the area and disposed. Approximately 184 drums were removed from the Site for proper disposal. There were no documents available to determine how many of the initial approximate 600 drums contained oils that were used for dust control and if the contents of other drums had been spilled, were placed within the fill adjacent to the inactive pit area, or moved off-site for proper disposal.

As part of the remedial investigation (RI) performed by Motorola in 1991, a magnetic gradiometer survey was performed within the Inactive Gravel Pit area in an effort to confirm or refute the potential presence of buried drums that may act as a continuing

source of subsurface impacts. Based on the results of the survey, test pits were dug to evaluate the nature of any noted magnetic anomalies. The results of this portion of the RI indicated that there was no evidence of additional buried drums within the area.

The primary groundwater impacts were determined to be trichloroethene (TCE) and 1,1,1-trichloroethane (TCA). The RI included fate and transport modeling of the impacted groundwater using a two-dimensional analytical model based on the Hunt equation (1983). The modeling predicted the movement of 1,1,1-TCA to be slightly quicker through the system than TCE movement. Downgradient groundwater concentrations of these compounds to the east of Very Road (Off-site Groundwater Impact Area) have been documented through the ongoing monitoring effort to be generally within or below the model predicted concentrations.

Subsequent risk assessment evaluations indicated that there was no significant non-carcinogenic health threat for adults or children associated with 1,1,1-TCA in groundwater. The total estimated future carcinogenic risks associated with the TCE in groundwater was estimated at 2.9×10^{-5}.

The NYSDEC concurred with the results of the RI and associated risk/habitat evaluations. In 1992, Motorola purchased the 88-acre parcel of property to the east of Very Road through a wholly owned subsidiary named Ischua Creek Holding Company. This allowed Motorola to control the land use, particularly under the portion of the property where the residually impacted groundwater plume was mapped (south of Ischua Creek; Off-site Groundwater Impact Area). Use of the cabin and the associated drinking water well was discontinued in 1992 concurrent with the purchase of the property.

In its Record of Decision (ROD) dated November 10, 1992, the NYSDEC-approved remedy for the Site was specified as source zone treatment within the Inactive Gravel Pit area using the Air Sparging (AS) and Soil Vapor Extraction (SVE) remedial technology in conjunction with Monitored Natural Attenuation (MNA) of the residually impacted groundwater plume. The AS/SVE system was in continuous operation from December, 1993 through December, 1998 followed by one year of pulsed mode operation in 1999. A total of approximately 208 pounds of volatile organic compound (VOC) mass was removed from the subsurface. Groundwater monitoring continued for one and a half years to verify that no significant rebound effect was occurring and that the source area treatment was complete. Verification soil samples were also collected from the vadose zone within the former source area to document that established cleanup criteria were met. The NYSDEC concurred that the source area treatment was effective and sufficiently completed. The remainder of any residual groundwater impacts were to be addressed through MNA. On February 15, 2001, a formal groundwater use restriction was placed as an institutional control (IC) on the Off-site Groundwater Impact Area. In addition, on March 18, 2002, the Town of Machias placed a similar restriction over the entire gravel pit property

(Inactive and Active). The AS/SVE system was approved for closure by NYSDEC and was formally decommissioned in the fourth quarter of 2001.

In 2008/2009, some rebound in TCE concentrations was noted in source zone well GW-5 located within the Inactive Gravel Pit (see Figure 2 in Attachment 1). As a result, the NYSDEC requested that some additional remedy work be performed to protect the surface water of the unnamed tributary to Ischua Creek which is the defined discharge point for residually impacted groundwater.

In 2009, all structures on the Ischua Creek Holding Company property were demolished to remove any potential soil vapor receptors. The area was regraded to match natural topographic contours and a pollinator meadow was established in consultation with the Wildlife Habitat Council (WHC). The only remaining structure on the Inactive Gravel Pit property is a pole barn type facility that previously housed the AS/SVE remediation system and is now being used by the Town as a maintenance garage. The building includes an industrial size vent fan. Additional deed restrictions were also placed on the Machias Gravel Pit and Ischua Creek Holding Company properties in 2010 requiring any future potential building construction to include appropriate sub-slab venting systems to preclude potential buildup of VOC impacted soil vapors and subsequent intrusion of the vapors into the structures.

In 2010/2011, Motorola Solutions (formerly Motorola) funded a University at Buffalo (UB) Ecosystem Restoration through Interdisciplinary Exchange (ERIE) research grant for the design and installation of a phytoremediation barrier immediately upgradient, relative to groundwater flow direction, of the unnamed tributary as a "green and sustainable" remedy providing long term protection of the unnamed tributary relative to residually impacted groundwater discharge. The phytobarrier was successfully installed in October 2011 and has undergone routine agronomy inspections and maintenance since that time. Motorola also worked closely with the WHC to establish a "Wildlife at Work" certification for the property. This WHC certification was received in November 2013. A total of 15 songbird boxes, two wood duck boxes and two bat boxes were placed around the site to facilitate additional nesting habitat for local native species.

The Site is currently in monitoring mode (groundwater, surface water and sediment) under an approved Site Management Plan (SMP). The monitoring program includes monitoring of wells GW-3, GW-5, GW-5D, GW-6, GW-7, GW-9, GW-10, GW-16, GW-16D, GW-20, GW-21, GW-22, GW-22D and GW-23D. In addition, the former Cabin Well (RW-3) is sampled, along with the surface water and sediment within the tributary to Ischua Creek within the groundwater zone discharge boundary. These monitoring points are included on Figure 2 in Attachment 1. At this time, the phytobarrier is established and requires minimal maintenance.

1.2 Effectiveness of Remedial Program

1.2.1 Progress Made During Reporting Period

During the reporting period of July 2019 through June 2020, the following activities were performed/completed at the site:

- Collection of two complete rounds of semi-annual groundwater samples.
- Evaluation of groundwater flow conditions.
- Ongoing operation/maintenance activities.

The results of these activities are discussed in Section 3.0.

1.2.2 Ability for Achieving Remedial Objectives

Based on the monitoring data presented in Section 3.0, the remedial actions that have been performed and the ongoing monitored natural attenuation data indicate that the remedial goals for the Site are being achieved. Groundwater impacts are generally stable to improving. The phytobarrier is mature with minimal loss of planted trees, with variable root access to impacted groundwater (see discussion in Section 3.1).

1.3 Compliance

1.3.1 Areas of Non-Compliance

During the reporting period, there were no areas of non-compliance.

1.3.2 Corrective Measures

Not applicable since there were no areas of non-compliance during the reporting period.

1.4 Recommendations

There are no recommended changes to the environmental monitoring program.

2.0 SITE OVERVIEW

2.1 Site Description and Extent of Impacts Prior to Remediation

Generally, the RI determined there are limited to no remaining soil impacts within the Inactive Gravel Pit source area. A geophysical survey and associated test pits did not identify any remaining source concerns such as drums of chemical. The primary transport media is groundwater. Impacts are limited to residual TCE and 1,1,1-TCA.

The impacted groundwater zone extends from the defined source area within the Inactive Gravel Pit approximately 1,100 feet in an easterly direction (Off-site Groundwater Impact Area) where low concentrations in the impacted groundwater discharge to an unnamed tributary to Ischua Creek. The primary receptor within this area was a cabin well that was no longer in use. The cabin has since been demolished but the well remains in place as part of the ongoing monitoring program.

The Habitat Evaluation and Ecological Risk Assessment concluded that aquatic toxicity is not expected. Estimated surface water concentrations at the impacted groundwater discharge boundary of TCE and TCA are below levels of concern. This has been further documented with subsequent and ongoing environmental monitoring which includes both surface water and sediment samples from within the discharge area.

The exposure toxicity/risk characterization performed determined that since there are few receptors in close proximity to the Site, the potential for exposure is low and unlikely. Therefore, the potential for significant risk is very low. The primary impacts are associated with potential exposure/consumption of impacted groundwater.

Below is a summary of Site conditions when the RI was performed in 1991-1992.

2.1.1 Soil

A total of 11 soil samples were collected from within the Inactive Gravel Pit suspected source area. All samples were analyzed for VOCs, polyaromatic hydrocarbons (PAHs) and the eight RCRA metals. Summary data tables and a sample location map are provided in the approved SMP. The following summarizes the results:

- There were no VOCs detected in 10 of the 11 samples. TCE was detected at 291 ug/kg and TCA at 27 ug/kg from a soil sample collected during the drilling of monitoring well GW-5 located within the main suspected source area.

- PAHs were detected in 2 of the 11 samples. The detections were at generally low levels, below action guidelines.

- Chromium, lead and nickel were detected at various concentrations at most locations. The chromium detections ranged from not detected to 8.2 mg/kg. Nickel was detected at concentrations ranging from 9.6 mg/kg to 23 mg/kg. Lead was detected at concentrations ranging from 5.5 mg/kg to 608 mg/kg.

2.1.2 Site-Related Groundwater

The Site investigation included analysis of groundwater samples for VOCs, PAHs and metals. The data tables from the initial investigation work are

provided in the approved SMP. It was determined that the primary groundwater impacts are associated with VOCs, specifically TCE and 1,1,1-TCA. Subsequent groundwater monitoring continued on a quarterly basis from 1993 through 1998, semi-annual from 1998 through 2002 and annual from 2003 through 2009 at which point semi-annual monitoring has been re-initiated due to some noted rebound of TCE concentrations at source area well GW-5. A Site map showing well locations/sampling points is provided as Figure 2 in Attachment 1.

2.1.3 Site-Related Soil Vapor Intrusion

At the time of the initial Site investigation work, soil vapor intrusion was not a pathway that was being evaluated. At this time, there are no structures on the property formerly owned by the Ischua Creek Holding Company, Inc., now owned by Motorola Solutions. There is only one structure on the Town of Machias property west of Very Road. This is a garage structure that was used to house the AS/SVE remedial system. After system decommissioning, the garage has been used for equipment maintenance by the Town of Machias. The building includes a large industrial size vent. No soil vapor intrusion studies are proposed at this time due to no receptors. Institutional controls have been put in place to require any potential future construction that may occur on the Site to include a soil vapor barrier or appropriate foundation venting system.

2.2 General Chronology of Remediation Program

The initial drum removal and soil remediation within the Inactive Gravel Pit source area was performed by the NYSDEC between 1986 and 1988. No records were provided to Motorola from the NYSDEC regarding the soil treatment and/or removal of soil for off-site disposal. The following verbal information was provided relative to drum removal action:

Date	No. of Drums	Destination
10/31/1986	160 (crushed)	CID Landfill, Chaffee, NY
4/15/1987	10	Waste Management, Model City, NY
1987 (no date)	10	Lewiston, NY
5/23/1988	4	Rollins Environmental, NJ

Aside from the VOC mass removal associated with the operation of the air sparging/soil vapor extraction (AS/SVE) system discussed below, no other direct removal work was performed at this Site.

Subsequent to the NYSDEC removal work discussed above, Motorola completed the above summarized Site investigations and implemented a groundwater remedial action focusing on the former source area (Inactive Gravel Pit) consisting of AS/SVE in conjunction with MNA for the remainder of the Off-site Impacted Groundwater

Area. The selection of the remedy was approved by the NYSDEC in the ROD dated November, 1992.

The AS/SVE system was in continuous operation from December 1993 through December 1998 followed by one year of pulsed mode operation in 1999. A total of approximately 208 pounds of VOC mass was removed from the subsurface. Groundwater monitoring continued for one and a half years to verify that no significant rebound effect was occurring and that the source area treatment was complete. Verification soil samples were also collected from the vadose zone within the former source area to document that established cleanup criteria were met. The NYSDEC concurred that the source area treatment was effective and complete. The remainder of any residual groundwater impacts was to be addressed through MNA. On February 15, 2001, a formal groundwater use restriction was placed as an IC on the Off-site Groundwater Impact Area. In addition, on March 18, 2002, the Town of Machias placed a similar restriction over the entire gravel pit property (Inactive and Active). The AS/SVE system was approved for closure by NYSDEC and was formally decommissioned in the fourth quarter of 2001.

As previously discussed, Motorola Solutions, in conjunction with the UB ERIE program, designed and installed a phytoremediation barrier immediately upgradient, relative to groundwater flow direction, of the unnamed tributary as a "green and sustainable" remedy providing long term protection of the unnamed tributary relative to residually impacted groundwater discharge. The phytobarrier was successfully installed in October 2011 and has undergone routine agronomy inspections and maintenance since that time. During that period, Motorola Solutions also worked closely with the WHC to establish a "Wildlife at Work" certification for the property. A total of 15 songbird boxes, two wood duck boxes and two bat boxes were placed around the site to facilitate additional nesting habitat for local native species. Although the wildlife boxes are being maintained at the property, Motorola Solutions has chosen not to renew WHC certification at this time.

3.0 EVALUATION OF REMEDY PERFORMANCE, EFFECTIVENESS and PROTECTIVENESS

3.1 Semi-Annual Groundwater, Surface Water and Sediment Monitoring Results for Reporting Period

During the reporting period, groundwater, surface water and sediment sampling was performed in November 2019 and again June 2020. The sampling included all wells in the approved SMP. Sample locations are provided on Figure 2 in Attachment 1. The analytical data are summarized in Table 1 in Attachment 2. A summary of baseline data collected in November 1993 along with all subsequent monitoring data from during and after the active remediation are also provided in Table 1 for comparison purposes. The analytical laboratory packages are provided in Attachment

3 and plots of concentration versus time for the routinely sampled wells are provided in Attachment 4.

A review of the data in Table 1 and the plots of concentration versus time indicate that the trends in trichloroethene (TCE) and 1,1,1-trichloroethane (TCA) have generally decreased over time. Any exceptions are discussed in the overall trend descriptions below.

Wells GW-3 and GW-9 within the treatment area/source zone continue to provide stable to decreasing concentrations of TCE and 1,1,1-TCA in the period since the air sparge/soil vapor extraction (AS/SVE) system shutdown in December 1999 indicating no substantial rebound effect. It is noted that two late Fall sampling events (November 2016 and November 2017) at location MW-3 indicated a spike in TCE concentration at 390 ug/l and 350 ug/l, respectively. However, the subsequent two Spring sampling events (May 2017 and May 2018) indicated concentrations of 21 ug/l and 11 ug/l, respectively. There was no spike in the data from this well during the fourth quarter 2018 or 2019 samplings.

Sampling at well GW-5, which is also within the source area, indicated an uncharacteristic upward spike in TCE concentration in May 2007, however, subsequent samplings have shown the concentrations have stabilized and have been decreasing steadily since September 2010. TCE was detected in only trace to non-detect concentrations in well GW-5D which is a deeper well adjacent to well GW-5. Since the initial installation of that well, the overall TCE concentrations have decreased to below 1 ug/l. It was proposed in the Progress Report for July 2007–June 2008 that the spike in TCE suggested that some residual TCE desorption from the unsaturated portion of the aquifer matrix may be occurring. All data since that time and presented herein continue to be consistent with this interpretation.

Water table well GW-22 located at the downgradient periphery of the treatment zone indicates a slight rebound effect that was observed starting with the June 2011 sampling event. The concentrations have since stabilized and there has been an overall decreasing trend since May 2013 with substantial decrease in the two most recent rounds of sampling. This trend is believed to be associated with residual, desorbed impacts migrating away from source area well GW-5 (well GW-22 is downgradient of well GW-5). This observation is consistent with a predicted increase at this location made in the Annual Report dated July 21, 2010. The adjacent deep monitoring well GW-22D generally continues to show a decreasing to stable trend since a rebound in concentrations at this location in May 2003, however the last round of sampling in June 2020 did have a slightly higher detection of TCE. Whether this may be indicative of an actual trend will be determined with additional sampling rounds. The current data continues to suggest that the main residual 1,1,1-TCA and TCE have moved through the groundwater system at this location.

Downgradient monitoring wells GW-6, GW-7, GW-10, GW-16, GW-20, GW-21 and GW-23D all generally indicate stable or decreasing concentrations of TCE and 1,1,1-TCA since the initial sampling data. Well GW-6 did have an uncharacteristic spike in TCE concentration in the December 2018 sampling, however, this was not reproducible in the subsequent sampling and its magnitude suggests potential artificial impact either from field or laboratory procedures. It is noted that the last several sampling events at well GW-10 do show slightly increased TCE concentrations, although still substantially lower than during initial samplings. This well is downgradient of source area well GW-5, and the noted slight increase in the last two years may be associated with the mass of desorbed source area TCE that was detected in GW-5 in the 2007 timeframe moving through the aquifer system and undergoing natural advection/dispersion.

The previously noted increasing trend in TCE at well GW-16D seems to have stabilized with concentrations ranging between 71 ug/l and 62 ug/l over the last three years. This well is downgradient from monitoring well GW-23D which is showing decreasing concentrations of TCE, however, the concentrations at that location are still above 300 ug/l based on the most recent sampling. The noted trend at GW-16D may, therefore, be associated with a mass of higher TCE concentration groundwater moving through the system and undergoing natural advection/dispersion.

There was an uncharacteristic spike in TCE and 1,1,1-TCA concentrations in the December 2018 sampling at both well location RW-3 and surface water sample SW-01. Subsequent samplings did not reproduce this spike with concentration being not detected which is consistent with most of the previous sampling data. The magnitude of these two data spikes along with that noted above for well GW-6 during the same sampling event suggests potential artificial impact either from field or laboratory procedures. There were no detections of 1,1,1-TCA or TCE at sediment sampling location SD-01 during the November 2019 and June 2020 monitoring events.

As discussed above, the UB completed the design and associated subsequent research monitoring of the phytobarrier. The purpose of the phytobarrier was to provide a "green and sustainable" remedy for additional long term protection of the unnamed tributary relative to residually impacted groundwater discharge. This work was as a result of concerns raised by NYSDEC associated with some rebound in TCE concentrations within the former source area of the inactive Machias gravel pit that was noted in groundwater monitoring during 2008/2009. The agreed upon research work for the phytobarrier has been completed by UB with the following general conclusions made relative to the phytobarrier effectiveness:

- Depth to groundwater varies significantly across the area of the barrier from as shallow as 4 feet to deeper than 15 feet below ground surface (bgs). Evaluations of root depth penetrations by direct measurements (i.e., actual tree removal from the ground for physical measurements of root growth) indicated that for trees planted within areas of shallower groundwater at the northwestern and

southeastern corners of the barrier, the roots penetrated into the water table as planned. However, even after four to five years of growth, some root penetrations within the central portions of the phytobarrier were not deep enough to intersect the water table; the trees apparently getting a sufficient amount of water for growth through the interception of transient water migrating downward through the vadose zone. It is noted that deeper penetration of roots may have occurred since completion of that portion of the study, however, it is anticipated that the penetrations in all areas of the barrier may not extend completely down to the water table leaving portions of the residual groundwater impacts passing through the area unaffected by the barrier.

- The water level fluctuation study documented an increase in amplitude as the phytobarrier matured. The overall data indicates that the phytobarrier is drawing water from the aquifer, however it was not possible to quantify the rate of groundwater extraction attributable to the phytobarrier.

- The sap flow study confirmed that the trees are processing water at the expected rate from 5-year poplars (age of barrier at time of sap study work). The total estimated water capture at that time was approximately 37 percent of the overall estimated groundwater flux moving through the phytobarrier area. This estimate was expected to go up as the phytobarrier matures with simplified water extraction volume estimates exceeding the estimated flux, however, it is noted that the complexities of the site and the limitations of the study preclude being able to discern estimated of water volume extraction from within the actual saturated zone and that from the vadose zone.

- Verifying the precise extent of hydraulic capture by the poplar phytobarrier would require a substantial additional research program extending over multiple growing seasons, utilizing specialized equipment (e.g., updated sap flow system, network of soil moisture sensors) and supported by frequent site visits. Given the low apparent risk level associated with the current site groundwater, it may be more cost-effective to focus available resources on continued, routine monitoring and maintenance activities as have been performed in the past.

The last statement/conclusion provided by the UB continues to be supported by the time versus concentration curve documentation included with this Periodic Review Report. Provided in Attachment 4 are time versus concentration curves for TCE and 1,1,1-TCA in source zone wells (GW-5, GW-5D and GW-9), center plume wells (GW-10, GW-16 and GW-16D), downgradient perimeter wells (GW-20 and GW-21) and discharge surface water/sediment sample locations (SW-1 and SD-1). A review of these curves indicates that the rebound in TCE concentration which peaked within the source area (well GW-5) in September 2010 has sufficiently been attenuated with time and distance away from the former source area and never translated in

substantially elevated concentrations in downgradient wells that would provide potential discharge concentrations to the unnamed tributary in excess of risk levels identified in the risk assessment work performed as part of site characterization work. Based on this discussion, Motorola intends to abandon the monitoring wells installed as part of UB research study work and the abandonment work plan has been approved by NYSDEC. The scheduling for the abandonment was originally set for the Spring of 2020, however, the COVID-19 pandemic has restricted air travel and KPRG will evaluate travel conditions as they evolve in the Fall of 2020 and/or into 2021.

3.2 Evaluation of Groundwater Flow Conditions

A summary of the groundwater levels collected during the November 2019 and June 2020 sampling events are provided in the sampling field reports from the laboratory provided in Attachment 3. The water levels were used to generate updated groundwater maps which are provided as Figures 3 and 4 in Attachment 1. A review of the figures indicates that the flow conditions are consistent with historic patterns for the site with an overall easterly flow with discharge to the unnamed tributary to Ischua Creek. Based on this observation, the existing groundwater monitoring well network is deemed sufficient for ongoing monitoring.

There are three separate well clusters being monitored which allows for an evaluation of the vertical component of flow within the aquifer. The June 2020 water levels associated with these wells are:

Well No.	Top of PVC Elevation (Ft)	Depth to Water (Ft)	Water Level Elevation (Ft)
GW-5	1741.50	47.57	1693.93
GW-5D	1741.80	49.12	1692.68
GW-16	1691.54	10.42	1681.12
GW-16D	1691.54	8.92	1682.62
GW-22	1740.08	48.31	1691.77
GW-22D	1739.72	47.75	1691.97

Well clusters GW-5/5D and GW-22/22D are located within the highland recharge area and, based on the conceptual site model and hydrogeologic flow net provided to NYSDEC in December 2007, there should be some downward vertical or primarily horizontal component of flow at these locations. A review of the water level data in the above table indicates higher head elevation at water table well GW-5 is higher than the adjacent deeper wells documenting a downward vertical component of flow. At well cluster GW-22/22D the head elevations are almost identical suggesting primarily horizontal flow within this portion of the aquifer (previous data from this location has also indicated some downward vertical component of flow). These observations are consistent with the conceptual model.

Well cluster GW-16/16D is located in a more lowland area closer to the discharge boundary of the unnamed tributary to Ischua Creek. The conceptual model at this location suggests that the vertical component of flow should be slightly upward. A review of the water level data indicates that the water level within deeper well GW-16D is at a higher elevation than at the water table well GW-16. This indicates an upward component of vertical flow which is consistent with the conceptual model.

Figure 5 in Attachment 1 provides an updated geologic cross-section along with a vertical flow net illustrating the above discussed flow conditions which are consistent with the overall conceptual model.

4.0 IC/EC PLAN COMPLIANCE REPORT

4.1 IC/EC Requirements and Compliance

The following Institutional Control (IC) and Engineering Controls (ECs) are in place at this site:

- IC – A groundwater use restriction has been placed for this site as well as a restriction for any new construction to include a vapor barrier to prevent potential soil vapor intrusion issues.

- EC – There are no specific engineering controls established for this site.

Each is discussed separately below.

4.1.1 Groundwater Use Restriction

To preclude potential future use of groundwater beneath the site, a groundwater use restriction was placed on the property deed. The restriction is on file at the Cattaraugus County Registrar of Deeds. No groundwater use wells have been installed at the site with the exception of the environmental monitoring wells.

4.1.2 Construction Restriction/Requirements

To preclude potential future soil vapor intrusion issues, a restriction was placed on the deed for each property associated with this site that would require a soil vapor intrusion barrier to be included as part of construction. During this reporting period, no new structures have been constructed on any of the affected properties.

4.2 IC/EC Certification

The required annual IC/EC Certification has been completed and signed and is provided in Attachment 5 of this report.

5.0 MONITORING PLAN COMPLIANCE REPORT

The Site is currently in monitoring mode (groundwater, surface water and sediment) under the approved SMP. The monitoring program includes groundwater monitoring of wells GW-3, GW-5, GW-5D, GW-6, GW-7, GW-9, GW-10, GW-16, GW-16D, GW-20, GW-21, GW-22, GW-22D and GW-23D. In addition, the former Cabin Well (RW-3) is sampled, along with the surface water and sediment within the tributary to Ischua Creek within the groundwater zone discharge boundary. These monitoring points are included on Figure 2 in Attachment 1. The results of the most recent monitoring along with all historical monitoring data and associated conclusions/recommendations are provided in Section 3.0. The facility is in compliance with monitoring requirements and there are no deficiencies.

6.0 OPERATION AND MAINTENANCE PLAN COMPLIANCE

The following two O&M activities are currently being performed:

- Inspection and maintenance of monitoring wells.
- Inspection and maintenance of the phytobarrier.

The results of each inspection are discussed separately below.

6.1 Monitoring Well Inspection and Maintenance

As part of groundwater sampling activities, the integrity of each monitoring well was inspected. The results of the inspections are included on the field sampling sheets in Attachment 3. The wells (concrete aprons and protectors) and locks were found to be in good condition for all monitoring wells with the exception of monitoring well GW-6 which had a broken hinge and some frost heave damage of the concrete anchor. This condition does not impact the integrity of the water quality sampling of this well. It will be scheduled for repair/maintenance in the Fall 2020. It is also noted that the previous PRR indicated that monitoring well GW-7 was damaged and required abandonment. It is noted that the well was in fact located and in good condition as documented in correspondence to the NYSDEC dated November 21, 2019.

6.2 Phytobarrier Inspection and Maintenance

The barrier has been established for over 8 years with an excellent tree survival rate. A final inspection of the barrier trees was completed by Dr. Louis Licht of Ecolotree (phytobarrier installation contractor) in September 2017. The trees were found in good health with no additional inspections required at this time. Since the UB has completed field research activities, no mowing of the native grasses planted around the barrier has been performed this year. Any additional maintenance will be provided as necessary. Discussions with the groundwater sampling personnel in June

2020 indicate the trees appeared in good condition with no indication of insect infestations or obvious fungal growths.

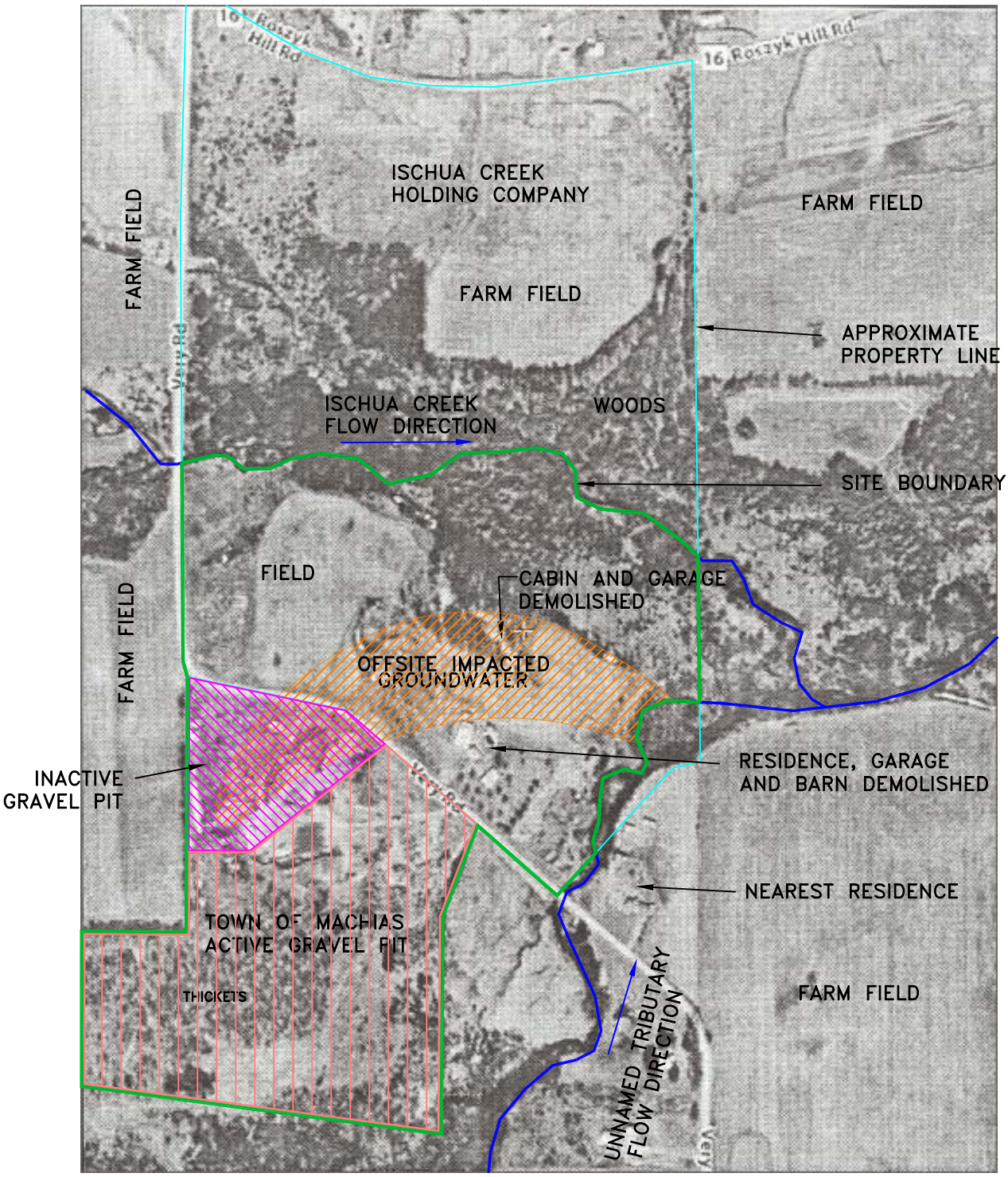
7.0 OVERALL PRR CONCLUSIONS AND RECOMMENDATIONS

Based on the data and information presented in this Periodic Review Report, the following conclusions and recommendations are forwarded:

- All aspects of the current monitoring program and associated site ICs are in compliance.
- There are no recommended changes at this time to the monitoring program or ICs.
- The monitoring data presented in this report document that the remedial strategy implemented for this site has met performance standards and continues to be effective as documented by the generally stable to improving MNA groundwater conditions with few exceptions as discussed in the report.
- Progress reports are presently being submitted on an annual basis. No change in submittal frequency is proposed at this time.

ATTACHMENT 1

Figures



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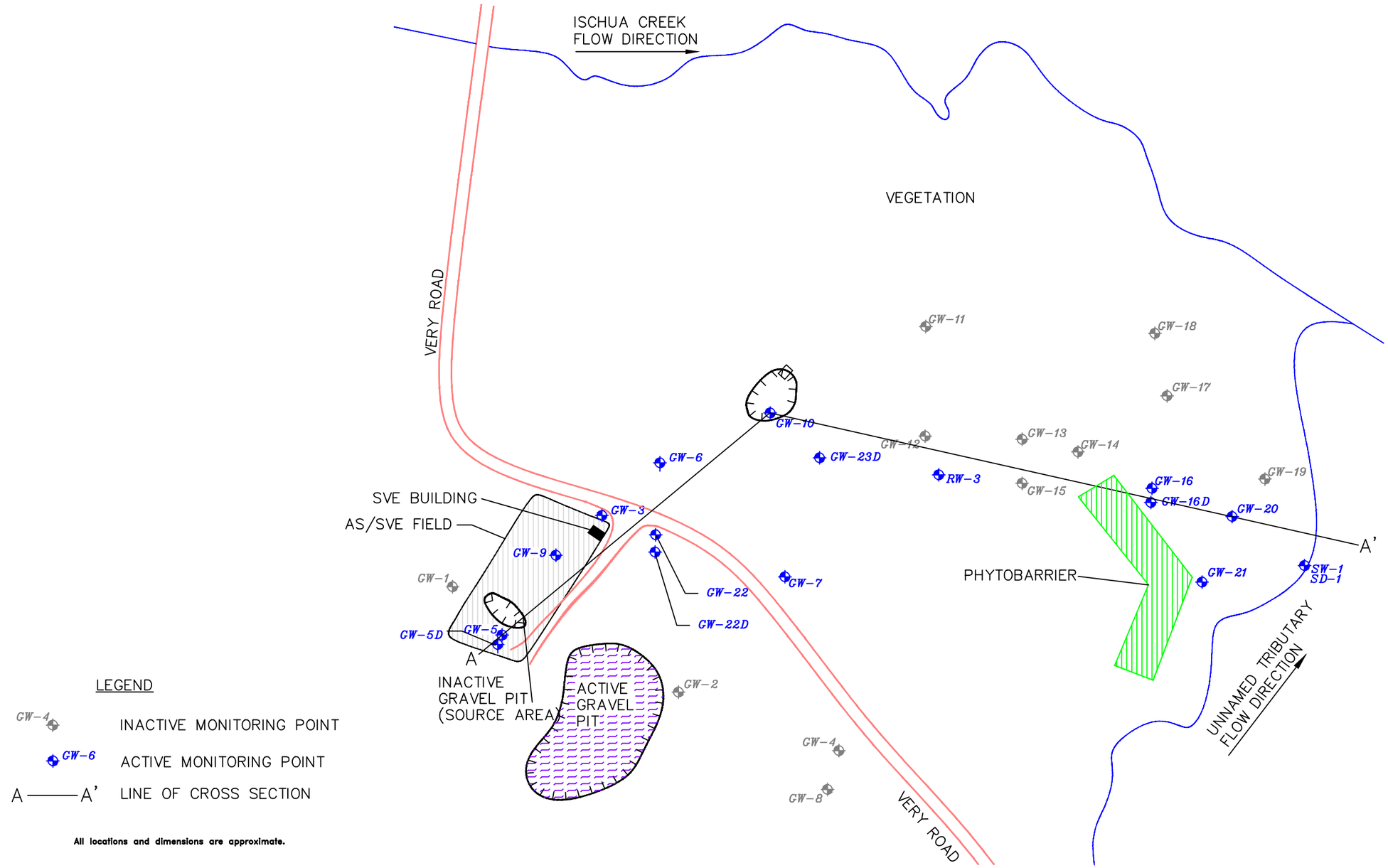
SITE AREA MAP

MOTOROLA SOLUTIONS
MACHIAS GRAVEL PIT

Scale: 1" = 500'	Date: December 13, 2010
KPRG Project No. 21903.9	FIGURE 1



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MONITORING PROGRAM SAMPLE LOCATIONS

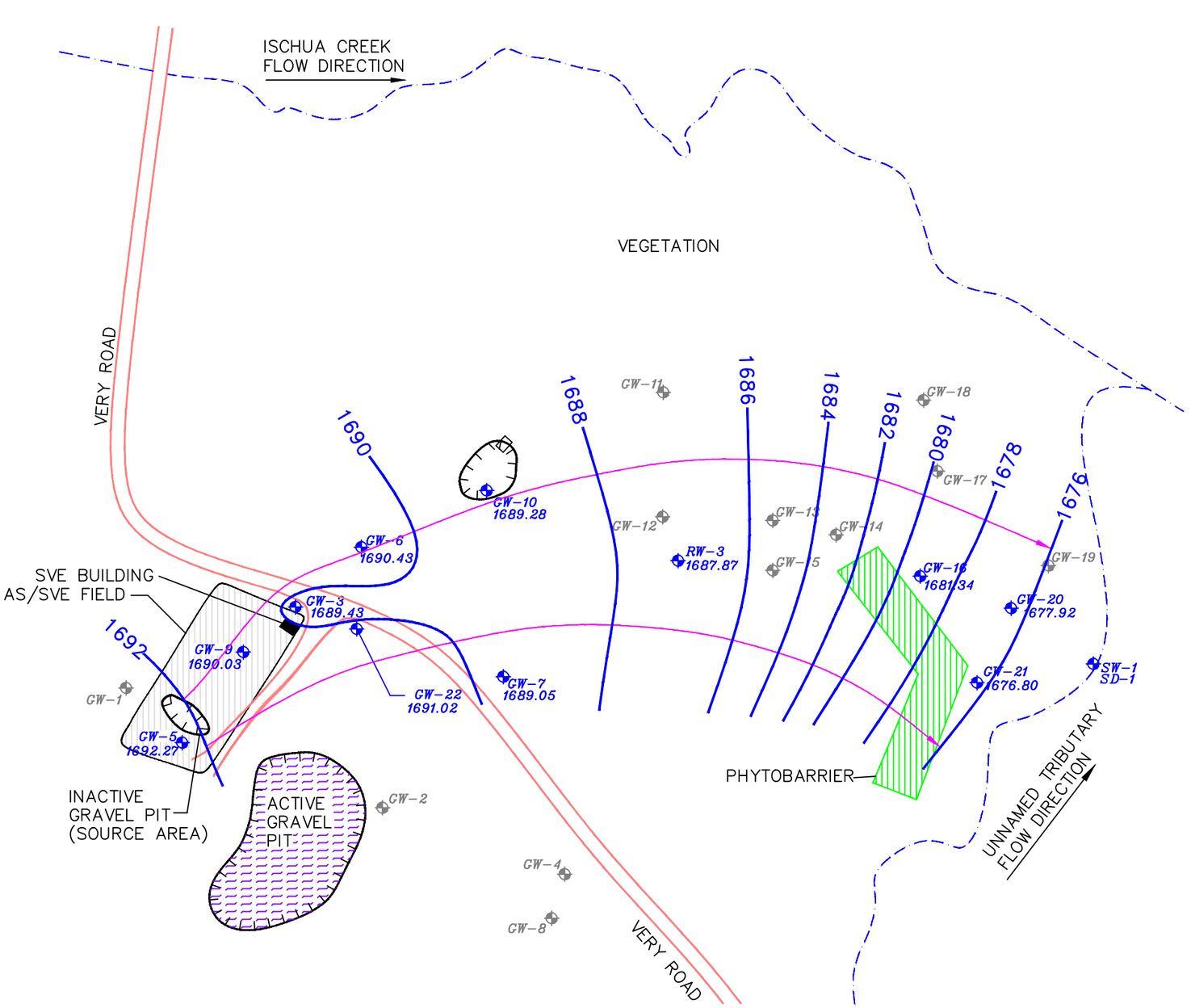
Motorola Solutions, Inc.
Machias Gravel Pit

Scale: 1" = 200' | Date: July 9, 2020

KPRG Project No. 21903.16 | FIGURE 2

W:\projects\motorola\machias 2015\machias sample locations.dwg

GROUNDWATER ELEVATIONS (ft msl)	
WELL	ELEVATION
GW-3	1689.43
GW-5	1692.27
GW-6	1690.43
GW-7	1689.05
GW-9	1690.03
GW-10	1689.28
GW-16	1681.34
GW-20	1677.92
GW-21	1676.80
GW-22	1691.02
RW-3	1687.87



LEGEND

CW-4 INACTIVE MONITORING POINT

CW-6 ACTIVE MONITORING POINT

GROUNDWATER CONTOUR

FLOW LINE

All locations and dimensions are approximate.

0 200'

APPROXIMATE SCALE

ENVIRONMENTAL CONSULTATION & REMEDIATION

K P R G KPRG and Associates, inc.

14665 West Lisbon Road, Suite 2B Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

414 Plaza Drive, Suite 106 Westmont, Illinois 60559 Telephone 630-325-1300 Facsimile 630-325-1593

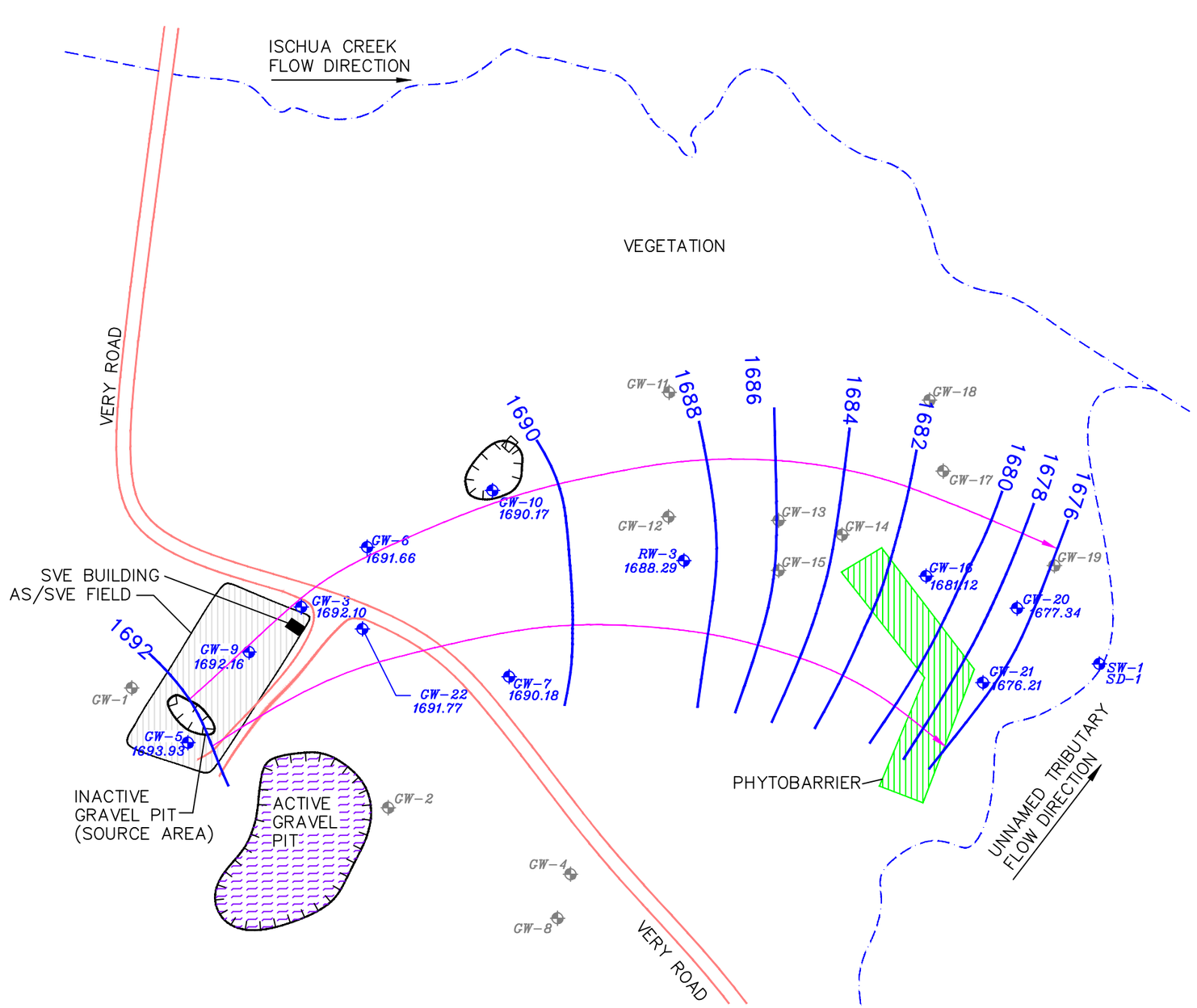
WATER TABLE CONTOUR MAP–NOVEMBER 2019

Motorola Solutions, Inc.
Machias Gravel Pit

Scale: 1" = 200' | Date: July 8, 2020

KPRG Project No. 21903.16 | FIGURE 3

GROUNDWATER ELEVATIONS (ft msl)	
WELL	ELEVATION
GW-3	1692.10
GW-5	1693.93
GW-6	1691.66
GW-7	1690.18
GW-9	1692.16
GW-10	1690.17
GW-16	1681.12
GW-20	1677.34
GW-21	1676.21
GW-22	1691.77
RW-3	1688.29



LEGEND

CW-4 INACTIVE MONITORING POINT

CW-6 ACTIVE MONITORING POINT

GROUNDWATER CONTOUR

FLOW LINE

All locations and dimensions are approximate.

0 200'

APPROXIMATE SCALE

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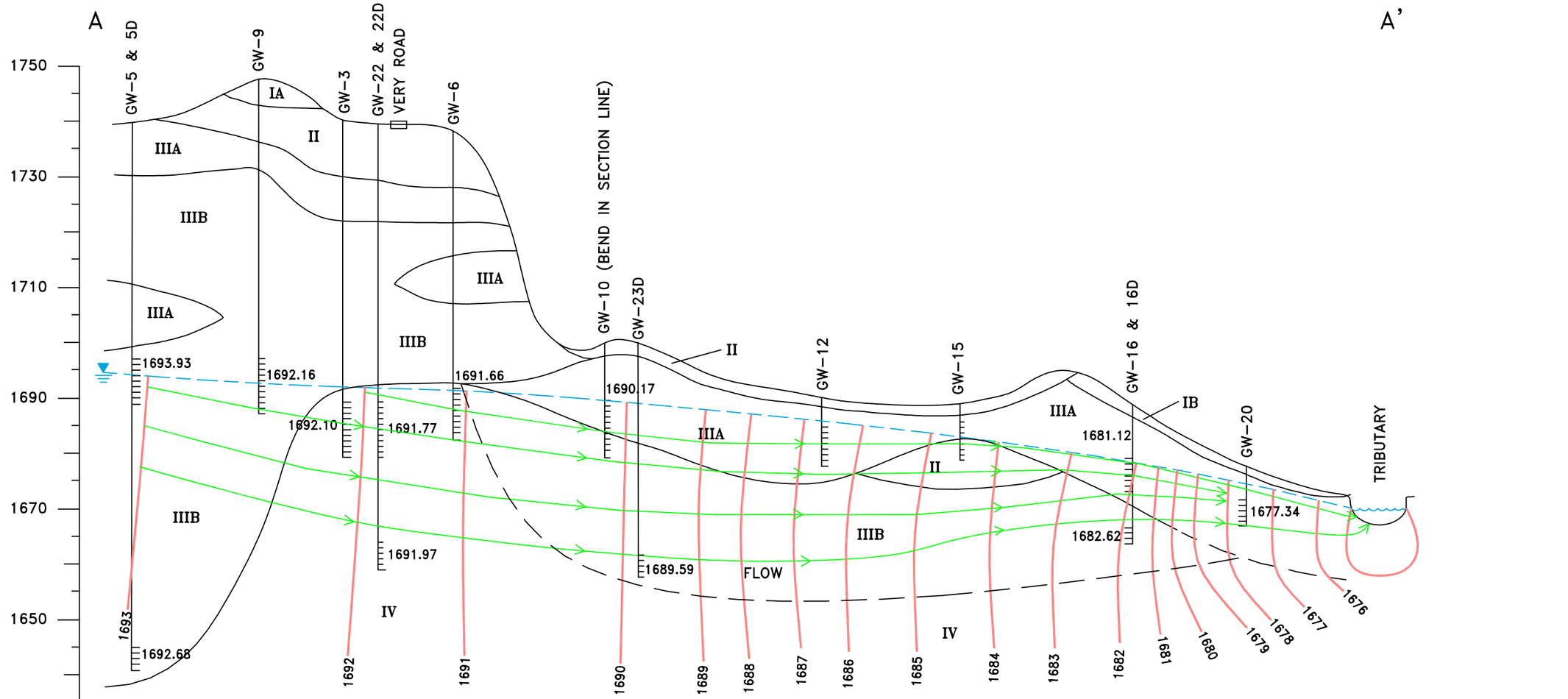
WATER TABLE CONTOUR MAP–JUNE 2020

Motorola Solutions, Inc.
Machias Gravel Pit

Scale: 1" = 200' | Date: July 8, 2020

KPRG Project No. 21903.16 | FIGURE 4



LEGEND

IA SAND, TAN, GENERALLY FINE, SOME SILT, TRACES OF CLAY IN SOME HORIZONS

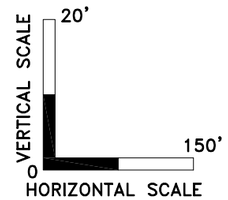
IB PEAT, DARK BROWN, ORGANIC RICH, SOFT, SOME FINE SAND, GRADES TO SILT AND CLAY AT HIGHER ELEVATION

II SILT, TAN TO BROWN, SOME CLAY, TRACE PEBBLES

IIIA SAND AND GRAVEL, POORLY SORTED, FINE TO COARSE SAND, PEBBLES AND COBBLE SIZE GRAVEL

IIIB SAND, INTERBEDDED WITH IIIA, FINE TO MEDIUM SAND, SOME SILT, WELL SORTED

IV SILT, BROWN TO GRAY, SOME SILTY CLAY



ENVIRONMENTAL CONSULTATION & REMEDIATION
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14665 West Lisbon Road, Suite 2B Brookfield, Wisconsin 53005 Telephone 262-781-0475 Facsimile 262-781-0478

GEOLOGIC CROSS SECTION WITH FLOW NET JUNE 2020

MOTOROLA INC.
MACHIAS GRAVEL PIT

Scale: SEE BARSCALE | Date: July 13, 2020

KPRG Project No. 21903.16 | FIGURE 5

ATTACHMENT 2

Table

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
Well Number	Date Sampled	Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-3	Nov-93	--	--	--	--	3 J	310	200	--	--	--	--	--	--
	Jan-94	--	--	--	1 J	5	270	33	--	--	--	--	--	--
	Feb-94	--	--	NS	NS	NS	NS	NS	NS	NS	NS	NS	--	--
	Mar-94	--	--	--	2 J	2 J	180	57	--	--	--	(2 J)	--	--
	Apr-94	--	--	--	2 J	3 J	200	58	--	--	--	--	--	--
	Jul-94	--	--	--	.9 J	--	170	100	--	--	--	--	--	--
	Oct-94	--	--	--	2 J	--	52	160	--	--	--	--	--	--
	Jan-95	--	--	--	--	1 J	190	95	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	150	17	--	--	--	--	--	--
	Jul-95	--	--	--	11	--	85	560	--	--	--	--	--	--
	Oct-95	--	--	--	0.9 J	2 J	120	170	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	160	220	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	110	94	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	180	84	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	19	8	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	130	39	--	--	--	--	2 JB	--
	Apr-97	--	--	--	--	--	110	24	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	87	40	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	83	59	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	15	3J	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	70	52	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	38	16	--	--	--	--	--	--
	Jan-99	--	--	--	--	1J	83	68	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	38	26	--	--	--	--	--	--
	Jan-00	--	--	--	2J	--	100	240E	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	51	53	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	72	71	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	70	80	--	--	--	--	--	--
	Jan-02	--	--	--	4J	--	120	180	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	58	96	--	--	--	--	--	--
	May-03	--	--	--	--	--	56	100	--	--	--	--	--	--
	May-04	--	--	--	--	--	42	100	--	--	--	--	--	--
	May-05	--	--	--	--	--	33	91	--	--	--	--	--	--
	May-06	--	--	--	--	--	17	68	--	--	--	--	--	--
	May-07	--	--	--	--	--	19	72	--	--	--	--	--	--
	May-08	--	--	--	4J	--	10	74	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	15	60	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	13	63	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	11	55	--	--	--	--	--	--
	Jun-11	--	--	--	--	0.65J	10	51	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	8.3	51	--	--	--	--	--	--
	May-12	--	--	--	--	--	7.2	39	--	--	--	--	--	--
	Nov-12	--	--	--		--	8.6	90	--	--	--	--	--	--
	May-13	--	--	--	--	--	5.7	42	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	5.4	31	--	--	--	--	--	--
	May-14	--	--	--	--	0.62 J	6.8	23	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	11	48	--	--	--	--	--	--
	May-15	--	--	--	--	--	5.4	39	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	6.8	38	--	--	--	--	--	--
	May-16	--	--	--	--	--	5.5	21	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	12 J	390	--	--	--	--	--	--
	May-17	3J	--	--	--	--	4.3J	21	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	12	350	--	--	--	--	--	--
	May-18	--	--	--	--	--	3.3 J	11	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	3.4J	17	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	5.1	17	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	4.1	17	--	--	--	--	0.62 JB	--
	Jun-20	--	--	--	--	--	4.7 J	16	--	--	--	--	--	--

Notes appear at end of data

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
Well Number	Date Sampled	Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-5	Nov-93	--	--	--	9	0.7 J	250	1500	0.7 J	--	3 J	--	--	--
	Jan-94	--	--	--	11	--	190	1300	0.4 J	--	--	--	--	--
	Feb-94	--	--	--	14	--	180	1500	0.5 J	--	14	--	--	--
	Mar-94	--	--	--	13 J	--	150	1200	--	--	--	(22 J)	--	--
	Apr-94	--	--	--	12 J	--	150	1200	--	--	--	--	--	--
	Jul-94	--	--	--	9 J	--	110	1200	--	--	--	--	--	--
	Oct-94	--	--	--	6 J	--	16	280	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	16	260	--	--	--	--	--	--
	Apr-95	--	--	--	5	--	21	310	--	--	--	--	--	--
	Jul-95	--	--	--	11	--	29	450	--	--	--	--	--	--
	Oct-95	--	--	--	9	--	27	400	--	--	2 J	--	--	--
	Jan-96	--	--	--	4 J	--	17	410	--	--	--	--	--	--
	Apr-96	--	--	--	4 J	--	24	430	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	22	400	--	--	--	--	--	--
	Oct-96	--	--	--	4J	1J	24	330 D	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	20	420	--	--	--	--	--	--
	Apr-97	--	--	--	--	--	11	210	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	15	280D	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	18	310D	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	15	280	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	6	150	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	12	190	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	11	230E	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	6	140	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	11	200E	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	6	180	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	5	150	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	6	130	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	7	160	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	4J	84	--	--	--	--	--	--
	May-03	--	--	--	--	--	3J	50	--	--	--	--	--	--
	May-04	--	--	--	--	--	4J	35	--	--	--	--	--	--
	May-05	--	--	--	--	--	5	37	--	--	--	--	--	--
	May-06	--	--	--	--	--	6	58	--	--	--	--	--	--
	May-07	--	--	--	--	--	15	480	--	--	--	--	8 DJ	--
	May-08	--	--	--	4J	--	6J	1300E	--	--	--	--	--	--
	Nov-08	--	--	--	--	--	--	1800	--	--	--	--	--	--
	Feb-09	--	--	--	--	--	11	1500	--	--	--	--	--	--
	May-09	--	--	--	--	--	10	1200	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	1600	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	2200	--	--	--	--	--	--
	Jun-11	--	--	--	--	0.52J	7.6	1100	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	--	1200	--	--	--	--	--	--
	May-12	--	--	--	--	--	--	1100	--	--	--	--	--	--
	Nov-12	--	--	--		--	--	1300	--	--	--	--	12 J	--
	May-13	--	--	--	--	--	--	1200	--	--	--	--	18J	--
	Dec-13	--	--	--	--	--	--	870	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	620	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	--	970	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	730	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	--	830	--	--	--	--	--	--
	May-16	--	--	--	--	--	--	610	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	--	700	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	490	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	--	590	--	--	--	--	--	--
	May-18	--	--	--	--	--	--	400	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	--	420	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	--	420	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	--	520 F1	--	--	--	--	14 JB	--
	Jun-20	--	--	--	--	--	--	410	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-5D	Nov-08	--	--	--	--	--	--	6	--	--	--	--	--	--
	Feb-09	--	--	--	--	--	--	3.5J	--	--	--	--	--	--
	May-09	--	2.8 J	--	--	--	--	3.9 J	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	1.7 J	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	1.7 J	--	--	--	--	--	--
	Jun-11	--	--	--	--	--	--	1.1 J	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	--	1.0 J	--	--	--	--	--	--
	May-12	--	--	--	--	--	--	1.1 J	--	--	--	--	--	--
	Nov-12	--	--	--		--	--	1.3 J	--	--	--	--	--	--
	May-13	--	--	--	--	--	--	1.5 J	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	1.0 J	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	2.7 J	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	--	1.1 J	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	1.2J	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	--	1.1J	--	--	--	--	--	--
	May-16	--	--	--	--	--	--	0.54J	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	0.74J	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-18	--	--	--	--	--	--	0.81 J	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	--	0.79J	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	--	0.64J	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	--	0.46 J	--	--	--	--	0.44 JB	--
	Jun-20	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes appear at end of data

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-6	Nov-93	--	--	(0.5 J)	--	--	75	(3 J)	--	(0.6 J)	--	--	--	--
	Jan-94	--	--	--	--	--	62	0.9 J	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	76	1 J	--	--	--	--	--	--
	Mar-94	--	--	--	--	--	88	4 J	--	--	--	(2 J)	--	--
	Apr-94	--	--	--	--	--	42	--	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	37	2 J	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	23	0.8 J	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	38	2 J	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	20	4J	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	18	4BJ	--	--	--	--	--	--
	Oct-95	--	--	--	--	--	26	6	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	18	--	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	6	4 J	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	8	3 J	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	11	2J	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	11	2J	--	--	--	--	0.8 BJ	--
	Apr-97	--	--	--	--	--	2J	2J	--	--	--	--	0.8 BJ	--
	Jul-97	--	--	--	--	--	6	--	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	11	1J	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	4J	--	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	5	1J	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	2J	2J	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	10	1J	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	10	1J	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	8	1J	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	4J	--	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	3 J	--	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	3 J	1J	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	4J	1J	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	8	2J	--	--	--	--	--	--
	May-03	--	--	--	--	--	2J	--	--	--	--	--	--	--
	May-04	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-06	--	--	--	--	--	1 J	--	--	--	--	--	--	--
	May-07	--	--	--	--	--	2J	0.6J	--	--	--	--	--	--
	May-08	--	--	--	--	--	0.5J	0.6J	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	2.1 J	0.55 J	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	2 J	0.78 J	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	3.3 J	1.2 J	--	--	--	--	--	--
	Jun-11	--	0.54J	--	--	--	--	--	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	2.1 J	1.1 J	--	--	--	--	--	--
	May-12	--	--	--	--	--	0.97 J	--	--	--	--	--	--	--
	Nov-12	--	--	--		--	3.2 J	1.9 J	--	--	--	--	--	--
	May-13	--	--	--	--	--	1.0 J	--	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	2.1 J	1.2 J	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	3.0 J	1.4 J	--	--	--	--	--	--
	May-15	--	--	--	--	--	0.87J	--	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	2.1J	1.2J	--	--	--	--	--	--
	May-16	--	--	--	--	--	1.4J	--	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	1.6J	.98J	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	1.6 J	1.0 J	--	--	--	--	--	--
	May-18	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	5.1	85	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	1.2 J	0.88 J	--	--	--	--	0.68 JB	--
	Jun-20	--	--	--	--	--	1.2 J	0.55 J	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
Well Number	Date Sampled	Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-7	Nov-93	--	--	--	--	--	13	39	--	--	--	--	--	--
	Jan-94	--	--	--	--	--	12	39	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	11	37	--	--	--	--	--	--
	Mar-94	--	--	--	--	--	15	39	--	--	--	(2 J)	--	--
	Apr-94	--	--	--	--	--	7	23	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	10	37 B	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	8	35	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	7	31	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	4J	20	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	5	26 B	--	--	--	--	--	--
	Oct-95	--	--	--	--	--	6	24	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	1 J	10	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	2 J	13	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	4 J	18	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	3 J	19	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	3 J	15	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	--	--	2 J	8	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	2J	12	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	2J	12	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	--	3 J	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	1J	8	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	2J	10	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	--	9	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	--	5	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	--	6	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	--	5	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	--	4 J	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	1J	7	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	2J	6	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	1J	6	--	--	--	--	--	--
	May-03	--	--	--	--	--	--	4J	--	--	--	--	--	--
	May-04	--	--	--	--	--	--	4J	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	4J	--	--	--	--	--	--
	May-06	--	--	--	--	--	0.6 J	3 J	--	--	--	--	--	--
	May-07	--	--	--	--	--	0.6 J	3 J	--	--	--	--	--	--
	May-08	--	--	--	--	--	--	2J	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	0.47 J	2.2 J	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	2 J	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	1.8 J	--	--	--	--	--	--
	Jun-11	--	--	--	--	--	--	1.5 J	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	--	1.3 J	--	--	--	--	--	--
	May-12	--	--	--	--	--	--	1.1 J	--	--	--	--	--	--
	Nov-12	--	--	--		--	--	1.5 J	--	--	--	--	--	--
	May-13	--	--	--	--	--	--	1.2 J	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	1.2 J	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	1.0 J	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	--	1.3 J	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	1.1J	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	--	0.99J	--	--	--	--	--	--
	May-16	--	--	--	--	--	--	0.94J	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	--	.87J	--	--	--	--	--	--
	May-17	3.0J	--	--	--	--	--	0.74J	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	--	0.82 J	--	--	--	--	--	--
	May-18	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	1.0J	0.46J	--	--	--	--	--	--
	Jun-19	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-19	--	--	--	--	--	--	0.88 J	--	--	--	--	--	--
	Jun-20	--	--	--	--	--	--	0.67 J	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
Well Number	Date Sampled	Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-9	Nov-93	--	--	(3 J)	--	3 J	390	250	--	(3 J)	--	--	--	--
	Jan-94	--	--	--	0.8 J	3 J	310	220	--	--	--	--	--	--
	Feb-94	--	--	--	--	2 J	280	230	--	--	3 J	--	--	--
	Feb-94	--	--	--	--	2 J	260	240	--	--	--	(2 J)	--	--
	Apr-94	--	--	--	--	2 J	290	260	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	310	360	--	--	--	--	--	--
	Oct-94	--	--	--	--	1 J	270	270	--	--	--	--	--	--
	Jan-95	--	--	--	--	2 J	310	340	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	250	290	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	220 B	240 BD	--	--	--	--	--	--
	Oct-95	--	--	--	--	2 J	250	310	--	--	--	--	--	--
	41/96	--	--	--	--	--	220	320	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	200	290	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	250	280	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	210 D	270 D	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	230 D	280 D	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	--	--	200	240	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	140	200D	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	130	170D	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	170	190	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	120	200	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	110	180	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	100	180	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	69	140	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	91	180	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	67	150	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	62	140	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	42	100	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	55	130	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	30	85	--	--	--	--	--	--
	May-03	--	--	--	--	--	23	67	--	--	--	--	--	--
	May-04	--	--	--	--	--	15	51	--	--	--	--	--	--
	May-05	--	--	--	--	--	8	29	--	--	--	--	--	--
	May-06	--	--	--	--	--	8	28	--	--	--	--	--	--
	May-07	--	--	--	--	--	7	17	--	--	--	--	--	--
	May-08	--	--	--	--	2J	4J	18	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	7.4	12	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	6.6	14	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	6.4	13	--	--	--	--	--	--
	Jun-11	--	--	--	--	--	7.5	15	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	5.9	11	--	--	--	--	--	--
	May-12	--	--	--	--	--	5.6	12	--	--	--	--	--	--
	Nov-12	--	--	--		--	6.4	12	--	--	--	--	--	--
	May-13	--	--	--	--	--	5.7	14	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	4.8 J	11	--	--	--	--	--	--
	May-14	--	--	--	--	0.75 J	7.7	11	--	--	--	--	--	--
	Nov-14	--	--	--	--	0.48 J	7.8	11	--	--	--	--	--	--
	May-15	--	--	--	--	--	6.8	11	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	5.3	10	--	--	--	--	--	--
	May-16	--	--	--	--	--	6.7	9.5	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	5.6	8.8	--	--	--	--	--	--
	May-17	3.0J	--	--	--	--	7.1	10	--	--	--	--	--	--
	Nov-17	3.1 J	--	--	--	--	5.9	9.6	--	--	--	--	--	--
	May-18	--	--	--	--	--	4.7 J	7	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	5.3	8.1	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	5.8	8.4	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	5.1	7.5	--	--	--	--	0.52 JB	--
	Jun-20	--	--	--	--	--	5.4	8.3	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
Well Number	Date Sampled	Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-10	Jan-95	--	--	--	--	1J	160	71	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	130	69	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	120	72	--	--	--	--	--	--
	Oct-95	6 J	--	--	--	2 J	120	78	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	88	72	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	88	65	--	--	--	--	--	--
	Jul-96	14	--	--	--	--	150	87	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	79	68	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	84	64	--	--	--	--	--	--
	Apr-97	--	--	--	--	--	70	46	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	87	60	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	90	61	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	69	43	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	75	57	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	78	49	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	58	60	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	49	44	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	41	56	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	27	46	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	21	40	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	20	42	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	23	39	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	28	35	--	--	--	--	--	--
	May-03	--	--	--	--	--	22	25	--	--	--	--	--	--
	May-04	--	--	--	--	--	22	21	--	--	--	--	--	--
	May-05	--	--	--	--	--	24	23	--	--	--	--	--	--
	May-06	--	--	--	--	--	19	26	--	--	--	--	--	--
	May-07	--	--	--	--	--	18	25	--	--	--	--	--	--
	May-08	--	--	--	--	3J	9	19	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	11	22	--	--	--	--	--	--
	Apr-10	--	--	--	--	0.64 J	7.7	16	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	10	18	--	--	--	--	--	--
	Jun-11	--	--	--	--	0.62 J	10	17	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	8.2	12	--	--	--	--	--	--
	May-12	--	--	--	--	--	7.4	15	--	--	--	--	--	--
	Nov-12	--	--	--		--	7.7	21	--	--	--	--	--	--
	May-13	--	--	--	--	--	6.6	20	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	5.1	19	--	--	--	--	--	--
	May-14	--	--	--	--	0.59 J	7.1	17	--	--	--	--	--	--
	Nov-14	--	--	--	--	0.46 J	8.1	19	--	--	--	--	--	--
	May-15	--	--	--	--	--	6.1	15	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	5.3	17	--	--	--	--	--	--
	May-16	--	--	--	--	--	6.1	13	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	4.7J	17	--	--	--	--	--	--
	May-17	--	--	--	--	--	4.4J	21	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	4.9	27	--	--	--	--	--	--
	May-18	--	--	--	--	--	3.3 J	18	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	2.9J	21	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	4.8J	30	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	4.3 J	30	--	--	--	--	0.49 JB	--
	Jun-20	--	--	--	--	--	3.5 J	38	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-16	Nov-92	--	--	--	7	6	240	160	--	--	--	--	--	--
	Jan-00	--	--	--	10	1J	50	100	--	--	--	--	--	--
	May-03	--	--	--	13	2J	29	73	--	--	--	--	--	--
	May-04	--	--	--	18	3J	34	93	--	--	--	--	--	--
	May-05	--	--	--	19	2J	35	100	--	--	--	--	--	--
	May-06	--	--	--	13	--	23	85	--	--	--	--	--	--
	May-07	--	--	--	15	2J	25	95	--	--	--	--	--	--
	May-08	--	--	--	6	6	11	74	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	2.0 J	--	21	81	--	--	--	--	--	--
	Apr-10	--	--	--	10	1.4 J	15	67	--	--	--	--	--	--
	Sep-10	--	--	--	9.7	1.8 J	15	75	--	--	--	--	--	--
	Jun-11	--	--	--	--	2.5J	16	81	--	--	--	--	--	--
	Dec-11	--	--	--	--	1.3J	11	56	--	--	--	--	--	--
	May-12	--	--	--	--	1.3J	11	67	--	--	--	--	--	--
	Nov-12	--	--	--		0.96 J	11	57	--	--	--	--	--	--
	May-13	--	--	--	--	2.0J	8.7	66	--	--	--	--	--	--
	Dec-13	--	--	--	--	1.5 J	8.1	57	--	--	--	--	--	--
	May-14	--	--	--	--	2.2 J	11	56	--	--	--	--	--	--
	Nov-14	--	--	--	--	2.0 J	12	19	--	--	--	--	--	--
	May-15	--	--	--	--	1.1J	9.4	55	--	--	--	--	--	--
	Nov-15	--	--	--	--	1.0J	7.9	57	--	--	--	--	--	--
	May-16	--	--	--	--	1.1J	8.8	51	--	--	--	--	--	--
	Nov-16	--	--	--	--	.77J	7.4	47	--	--	--	--	--	--
	May-17	--	--	--	--	--	8.3	54	--	--	--	--	--	--
	Nov-17	3.5 J	--	--	--	1.2 J	7.2	56	--	--	--	--	--	--
	May-18	--	--	--	--	--	5.5	43	--	--	--	--	--	--
	Dec-18	--	--	--	--	0.90J	5.9	50	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	6.6	51	--	--	--	--	--	--
	Nov-19	--	--	--	--	0.87 J	6.0	48	--	--	--	--	--	--
	Jun-20	--	--	--	--	0.76 J	5.7	51	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
Well Number	Date Sampled	Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-16D	May-08	--	--	--	19	8	58	31	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	22	3.4 J	59	49	--	--	--	--	--	--
	Apr-10	--	--	--	22	5.2	52	39	--	--	--	--	--	--
	Sep-10	--	--	--	22	2.7 J	49	49	--	--	--	--	--	--
	Jun-11	--	--	--	--	4.6J	41	56	--	--	--	--	--	--
	Dec-11	--	--	--	--	2.3J	34	48	--	--	--	--	--	--
	May-12	--	--	--	--	2.1J	35	54	--	--	--	--	--	--
	Nov-12	--	--	--		2.2 J	40	54	--	--	--	--	--	--
	May-13	--	--	--	--	4.5J	29	70	--	--	--	--	--	--
	Dec-13	--	--	--	--	3.5 J	29	52	--	--	--	--	--	--
	May-14	--	--	--	--	6.3	49	50	--	--	--	--	--	--
	Nov-14	--	--	--	--	4.1 J	38	66	--	--	--	--	--	--
	May-15	--	--	--	--	1.9J	29	65	--	--	--	--	--	--
	Nov-15	--	--	--	--	1.9J	29	52	--	--	--	--	--	--
	May-16	--	--	--	--	2.8J	28	59	--	--	--	--	--	--
	Nov-16	--	--	--	--	1.4J	21	58	--	--	--	--	--	--
	May-17	--	--	--	--	2.2J	28	69	--	--	--	--	--	--
	Nov-17	3.1 J	--	--	--	2.0 J	22	71	--	--	--	--	--	--
	May-18	--	--	--	--	1.8 J	16	63	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	15	62	--	--	--	--	--	--
	Jun-19	--	0.19JB	--	--	1.3J	18	70	--	--	--	--	--	--
	Nov-19	--	0.19JB	--	--	1.2 J	17	62	--	--	--	--	0.44 JB	--
	Jun-20	--	--	--	--	1.3 J	17	69	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-20	Nov-93	--	--	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--
	Jan-94	--	--	--	3 J	0.9 J	48	5	--	--	--	--	--	--
	Feb-94	--	--	--	3 J	0.7 J	58	5	--	--	--	--	--	--
	Mar-94	--	--	--	3 J	1 J	52	6	--	--	--	(1 J)	--	--
	Apr-94	--	--	--	3 J	0.7 J	46	4 J	--	--	--	--	--	--
	Jul-94	--	--	--	4 J	--	46	4 JB	--	--	--	--	--	--
	Oct-94	--	--	--	6	2 J	48	8	--	--	--	--	--	--
	Jan-95	--	--	--	4 J	--	48	7	--	--	--	--	--	--
	Apr-95	--	--	--	4 J	--	48	8	--	--	--	--	--	--
	Jul-95	--	--	--	6	--	51	12	--	--	--	--	--	--
	Oct-95	--	--	--	7	2 J	59	16	--	--	--	--	--	--
	Jan-96	--	--	--	4 J	--	35	10	--	--	--	--	--	--
	Apr-96	--	--	--	3 J	--	26	8	--	--	--	--	--	--
	Jul-96	--	--	--	5	--	42	11	--	--	--	--	--	--
	Oct-96	--	--	--	6	--	42	20	--	--	--	--	--	--
	Jan-97	--	--	--	4 J	--	30	12	--	--	--	--	--	--
	Apr-97	--	--	--	3 J	--	28	10	--	--	--	--	--	--
	Jul-97	--	--	--	4J	--	28	12	--	--	--	--	--	--
	Oct-97	--	--	--	6	--	34	18	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	23	12	--	--	--	--	--	--
	Apr-98	--	--	--	4J	--	25	14	--	--	--	--	--	--
	Jul-98	--	--	--	5	--	26	15	--	--	--	--	--	--
	Jan-99	--	--	--	6	--	34	26	--	--	--	--	--	--
	Aug-99	--	--	--	2J	--	21	18	--	--	--	--	--	--
	Jan-00	--	--	--	5	--	25	24	--	--	--	--	--	--
	Aug-00	--	--	--	4J	--	16	19	--	--	--	--	--	--
	Jan-01	--	--	--	3 J	--	15	17	--	--	--	--	--	--
	Aug-01	--	--	--	6	--	20	20	--	--	--	--	--	--
	Jan-02	--	--	--	8	--	26	31	--	--	--	--	--	--
	Aug-02	--	--	--	5	--	17	22	--	--	--	--	--	--
	May-03	--	--	--	4J	--	12	16	--	--	--	--	--	--
	May-04	--	--	--	4J	--	11	16	--	--	--	--	--	--
	May-05	--	--	--	4J	--	11	15	--	--	--	--	--	--
	May-06	--	--	--	4J	--	8	16	--	--	--	--	--	--
	May-07	--	--	--	4J	--	8	15	--	--	--	--	--	--
	May-08	--	--	--	2J	2J	4J	15	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	11	1.5 J	27	30	--	--	--	--	--	--
	Apr-10	--	--	--	2.8 J	0.53 J	4.6 J	11	--	--	--	--	--	--
	Sep-10	--	--	--	3.4 J	--	5.3	15	--	--	--	--	--	--
	Jun-11	--	--	--	--	0.57J	5.1	14	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	3.5 J	10	--	--	--	--	--	--
	May-12	--	--	--	--	--	3.6 J	12	--	--	--	--	--	--
	Nov-12	--	--	--		--	4.0 J	12	--	--	--	--	--	--
	May-13	--	--	--	--	--	3.7 J	13	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	2.3 J	10	--	--	--	--	--	--
	May-14	--	--	--	--	0.74 J	3.0 J	11	--	--	--	--	--	--
	Nov-14	--	--	--	--	0.63 J	5.1	15	--	--	--	--	--	--
	May-15	--	--	--	--	--	3.3J	11	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	3.4J	14	--	--	--	--	--	--
	May-16	--	--	--	--	--	3.0J	10	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	3.7J	15	--	--	--	--	--	--
	May-17	--	--	--	--	--	3.5J	12	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	3.3 J	14	--	--	--	--	--	--
	May-18	--	--	--	--	--	2.0 J	8.3	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	1.8J	8.3	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	2.2 J	8.8	--	--	--	--	--	--
	Jun-20	--	--	--	--	--	2.1 J	7.6	--	--	--	--	--	--

Notes appear at end of data

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-21	Nov-93	--	--	NS	NS	NS	NS	NS	NS	NS	NS	--	--	--
	Jan-94	--	--	--	6	2 J	100	30	--	--	--	--	--	--
	Feb-94	--	--	--	5	2 J	120	33	--	--	--	--	--	--
	Mar-94	--	--	--	5	1 J	83	30	--	--	--	(1 J)	--	--
	Apr-94	--	--	--	4 J	0.8 J	77	28	--	--	--	--	--	--
	Jul-94	--	--	--	6	--	96	36 B	--	--	--	--	--	--
	Oct-94	--	--	--	9	2 J	100	55	--	--	--	--	--	--
	Jan-95	--	--	--	6	1 J	96	45	--	--	--	--	--	--
	Apr-95	--	--	--	6	--	83	40	--	--	--	--	--	--
	Jul-95	--	--	--	10	--	100	51	--	--	--	--	--	--
	Oct-95	--	--	--	10	2 J	98	58	--	--	--	--	--	--
	Jan-96	--	--	--	7	--	57	38	--	--	--	--	--	--
	Apr-96	--	--	--	5	--	44	32	--	--	--	--	--	--
	Jul-96	--	--	--	10	--	100	66	--	--	--	--	--	--
	Oct-96	--	--	--	7	--	58	56	--	--	--	--	--	--
	Jan-97	--	--	--	7	--	65	48	--	--	--	--	0.8 BJ	--
	Apr-97	--	--	--	5	--	45	35	--	--	--	--	--	--
	Jul-97	--	--	--	11	--	68	61	--	--	--	--	--	--
	Oct-97	--	--	--	8	--	52	60	--	--	--	--	--	--
	Jan-98	--	--	--	4 J	--	34	38	--	--	--	--	--	--
	Apr-98	--	--	--	5	--	37	41	--	--	--	--	--	--
	Jul-98	--	--	--	10	--	60	61	--	--	--	--	--	--
	Jan-99	--	--	--	13	--	61	80	--	--	--	--	--	--
	Aug-99	--	--	--	10	--	54	54	--	--	--	--	--	--
	Jan-00	--	--	--	5	--	22	31	--	--	--	--	--	--
	Aug-00	--	--	--	8	--	36	65	--	--	--	--	--	--
	Jan-01	--	--	--	5	--	24	42	--	--	--	--	--	--
	Aug-01	--	--	--	14	1J	56	77	--	--	--	--	--	--
	Jan-02	--	--	--	10	1J	35	63	--	--	--	--	--	--
	Aug-02	--	--	--	12	1J	39	67	--	--	--	--	--	--
	May-03	--	--	--	7	--	21	43	--	--	--	--	--	--
	May-04	--	--	--	6	--	16	34	--	--	--	--	--	--
	May-05	--	--	--	8	--	22	40	--	--	--	--	--	--
	May-06	--	--	--	9	0.6J	18	42	--	--	--	--	--	--
	May-07	--	--	--	9	0.6J	18	41	--	--	--	--	--	--
	May-08	--	--	--	5	4J	10	39	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	6.2	0.71 J	14	34	--	--	--	--	--	--
	Apr-10	--	--	--	4.7 J	--	8	28	--	--	--	--	--	--
	Sep-10	--	--	--	8.3	0.77 J	15	48	--	--	--	--	--	--
	Jun-11	--	--	--	--	0.85J	8.2	29	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	4.9J	19	--	--	--	--	--	--
	May-12	--	--	--	--	--	7.0	29	--	--	--	--	--	--
	Nov-12	--	--	--	--	0.41 J	7.4	28	--	--	--	--	--	--
	May-13	--	--	--	--	0.66J	5.1	26	--	--	--	--	--	--
	Dec-13	--	--	--	--	0.42 J	4.7 J	24	--	--	--	--	--	--
	May-14	--	--	--	--	0.71 J	3.6 J	21	--	--	--	--	--	--
	Nov-14	--	--	--	--	0.75 J	7.7	31	--	--	--	--	--	--
	May-15	--	--	--	--	0.45J	6.8	29	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	3.8J	22	--	--	--	--	--	--
	May-16	--	--	--	--	0.63J	7.2	30	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	3.2J	17	--	--	--	--	--	--
	May-17	--	--	--	--	--	4.4J	21	--	--	--	--	--	--
	Nov-17	3.3 J	--	--	--	--	3.1 J	19	--	--	--	--	--	--
	May-18	--	--	--	--	--	2.6 J	15	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	2.6 J	15	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	3.2J	19	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	4.0 J	21	--	--	--	--	0.57 JB	--
	Jun-20	--	--	--	--	--	4.1 J	24	--	--	--	--		--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
Well Number	Date Sampled	Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-22	Nov-93	--	--	--	8	7	520	1000	--	--	--	--	--	--
	Jan-94	--	--	--	4 J	3 J	470	150	--	--	5	--	--	--
	Feb-94	--	--	--	5	3J	150	270	--	--	5	--	--	--
	Mar-94	--	--	--	8	2 J	84	130	--	--	--	2 J	--	--
	Apr-94	--	--	--	4 J	1 J	74	120	--	--	--	--	--	--
	Jul-94	--	--	--	4 J	2 J	160	310	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	57	130	--	--	--	--	--	--
	Jan-95	--	--	--	0.9 J	--	61	110	--	--	--	--	--	--
	Apr-95	--	--	--	1 J	--	72	140	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	43	96	--	--	--	--	--	--
	Oct-95	--	--	--	3 J	1 J	79	150	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	74	190	--	--	--	--	--	--
	Apr-96	--	--	--	2 J	2 J	160	400	--	--	--	--	--	--
	Jul-96	--	--	--	--	3J	360	850	--	--	--	--	--	--
	Oct-96	--	--	--	2J	--	18	78	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	30	82	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	--	--	66	130	--	--	--	--	--	--
	Jul-97	--	--	--	2J	1J	100	280D	--	--	--	--	--	--
	Oct-97	--	--	--	2J	1J	190	350D	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	12	88	--	--	--	--	--	--
	Apr-98	--	--	--	3J	--	44	150	--	--	--	--	--	--
	Jul-98	--	--	--	1J	--	27	90	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	22	83	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	9	64	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	6	30	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	24	210D	--	--	--	--	--	--
	Jan-01	--	--	--	3 J	--	12	180D	--	--	--	--	--	--
	Aug-01	--	--	--	3 J	--	67	290D	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	67	500	--	--	--	--	--	--
	Aug-02	--	--	--	2J	--	38	350	--	--	--	--	--	--
	May-03	--	--	--	--	--	29	310	--	--	--	--	--	--
	May-04	--	--	--	--	--	23	230	--	--	--	--	--	--
	May-05	--	--	--	--	--	22	200D	--	--	--	--	--	--
	May-06	--	--	--	3 J	--	21	210D	--	--	--	--	--	--
	May-07	--	--	--	4J	--	22	200	--	--	--	--	3J	--
	May-08	--	--	--	--	5J	12J	200	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	23	210	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	18	210	--	--	--	--	--	--
	Sep-10	--	--	--	1.9 J	--	20	210	--	--	--	--	--	--
	Jun-11	--	--	--	--	2.9J	37	570	--	--	--	--	--	--
	Dec-11	--	--	--	--	1.3J	36	580	--	--	--	--	--	--
	May-12	--	--	--	--	--	23J	420	--	--	--	--	--	--
	Nov-12	--	--	--		--	33 J	480	--	--	--	--	--	--
	May-13	--	--	--	--	--	27J	590	--	--	--	--	6.0J	--
	Dec-13	--	--	--	--	1.5 J	18 J	400	--	--	--	--	--	--
	May-14	--	--	--	--	--	31 J	440	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	38 J	520	--	--	--	--	--	--
	May-15	--	--	--	--	--	28J	460	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	25J	480	--	--	--	--	--	--
	May-16	--	--	--	--	--	29J	430	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	24J	440	--	--	--	--	--	--
	May-17	--	--	--	--	--	24J	470	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	20 J	410	--	--	--	--	--	--
	May-18	--	--	--	--	--	24 J	460	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	17J	430	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	17J	430	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	13 J	370	--	--	--	--	13 JB	3.7 J
	Jun-20	--	--	--	--	--	6.0 J	120	--	--	--	--	2.4 J	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-22D	Apr-94	--	--	--	12	0.8 J	43	2 J	--	--	--	--	--	--
	Jul-94	--	--	--	13	2 J	100	12 B	--	--	--	--	--	0.6 J
	Oct-94	--	--	--	8	3 J	180	14	--	--	--	--	--	0.6 J
	Jan-95	--	--	--	5	0.8 J	100	23	--	--	--	--	--	--
	Apr-95	--	--	--	3 J	--	150	90	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	100	130	--	--	--	--	--	--
	Oct-95	--	--	--	3 J	1 J	71	100	--	--	--	--	--	--
	Jan-96	--	--	--	2 J	--	59	95	--	--	--	--	--	--
	Apr-96	--	5	--	3 J	--	76	140	--	--	--	--	--	--
	Jul-96	--	--	--	4 J	2 J	90	160	--	--	--	--	--	--
	Oct-96	--	--	--	4 J	1 J	60	83	--	--	--	--	--	--
	Jan-97	--	--	--	3 J	--	44	64	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	8	--	130	180	--	--	--	--	--	--
	Jul-97	--	--	--	4J	5	250D	310D	--	--	--	--	--	--
	Oct-97	--	--	--	4J	5	240	370	--	--	--	--	--	--
	Jan-98	--	--	--	--	1J	120	180	--	--	--	--	--	--
	Apr-98	--	--	--	3J	--	44	150	--	--	--	--	--	--
	Jul-98	--	--	--	4J	--	30	160	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	53	280E	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	11	180	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	8	130	--	--	--	--	--	--
	Aug-00	--	--	--	1J	--	18	200	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	20	190D	--	--	--	--	--	--
	Aug-01	--	--	--	16	3J	29	140D	--	--	--	--	--	--
	Jan-02	--	--	--	12	3J	56	130	--	--	--	--	--	--
	Aug-02	--	--	--	24	12	340	770	--	--	--	--	8	--
	May-03	--	--	--	19J	--	280D	1,600D	--	--	--	--	--	--
	May-04	--	--	--	--	--	160	1,500	--	--	--	--	--	--
	May-05	--	--	--	--	--	150	1,500	--	--	--	--	--	--
	May-06	--	--	--	10	3 J	110 E	1,000 E	--	--	--	--	--	--
	May-07	--	--	--	--	--	110	1,300	--	--	--	--	13J	--
	May-08	--	--	--	--	19J	51J	1,000	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	63	810	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	53	870	--	--	--	--	--	--
	Sep-10	--	--	--	3.9 J	1.2 J	42	640	--	--	--	--	--	--
	Jun-11	--	--	--	--	2.9J	19	230	--	--	--	--	--	--
	Dec-11	--	1.5J	--	--	--	15	160	--	--	--	--	--	--
	May-12	--	1.8J	--	--	--	12 J	210	--	--	--	--	--	--
	Nov-12	--	--	--		--	13 J	170	--	--	--	--	--	--
	May-13	--	--	--	--	--	13 J	210	--	--	--	--	2.5 J	--
	Dec-13	--	--	--	--	--	9.6 J	160	--	--	--	--	--	--
	May-14	--	--	--	--	1.4 J	17 J	180	--	--	--	--	--	--
	Nov-14	--	--	--	--	1.2 J	18	200	--	--	--	--	--	--
	May-15	--	--	--	--	--	15J	200	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	9.9J	170	--	--	--	--	--	--
	May-16	--	--	--	--	--	11J	170	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	10J	160	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	190	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	11 J	180	--	--	--	--	2.7 J	--
	May-18	--	--	--	--	--	9.9 J	180	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	9.2J	180	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	9.1J	180	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	6.5 J	120	--	--	--	--	38 B	2.0 J
	Jun-20	--	--	--	--	--	14 J	340	--	--	--	--	--	--

Notes appear at end of data

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

		Parameters (ug/L)												
Well Number	Date Sampled	Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
GW-23D	May-08	--	--	--	15	4J	1J	480D	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	1.6 J	--	--	25	3.2 J	3.0 J	--	--	--	0.88 J	--	--	--
	Apr-10	--	--	--	27	5.5	--	420	--	--	--	--	--	--
	Sep-10	1.2 J	--	--	28	4.2 J	3.0 J	410	--	--	1.1 J	--	--	--
	Jun-11	--	--	--	--	--	2.2J	400	--	--	1.2J	--	--	--
	Dec-11	--	--	--	--	3.3J	--	310	--	--	--	--	--	--
	May-12	--	--	--	--	3.3J	--	340	--	--	--	--	--	--
	Nov-12	--	--	--		4.1 J	--	340	--	--	--	--	4.0 J	--
	May-13	--	--	--	--	--	--	370	--	--	--	--	5.9J	--
	Dec-13	--	--	--	--	--	--	370	--	--	--	--	5.9J	--
	May-14	--	--	--	--	2.3 J	--	330	--	--	--	--	--	--
	Nov-14	--	--	--	--	3.5 J	2.2 J	390	--	--	1.6 J	--	--	--
	May-15	--	--	--	--	2.3J	--	340	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	--	330	--	--	--	--	--	--
	May-16	--	--	--	--	--	--	320	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	--	320	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	340	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	--	310	--	--	7.3 J	--	6.2 J	--
	May-18	--	--	--	--	--	3.7 J	390	--	--	--	--	--	--
	Dec-18	--	--	--	--	1.9J	--	130	--	--	140	--	--	--
	Jun-19	--	--	--	--	--	--	350	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	--	320	--	--	--	--	34 JB	--
	Jun-20	--	--	--	--	--	--	380	--	--	--	--	--	--

Notes appear at end of data

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
RW-3	Nov-93	--	--	--	--	--	--	(2 J)	--	--	--	--	--	--
	Jan-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Mar-94	--	--	--	--	--	1 J	(0.7 J)	--	--	--	(2 J)	0.9 J	--
	Apr-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-97	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Apr-97	--	--	--	--	--	--	2 J	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Aug-99	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Jan-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-03	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-04	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-06	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-07	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-08	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	--	0.73 J	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	--	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	0.78 J	--	--	--	--	--	--
	Jun-11	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-12	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-12	--	--	--		--	--	--	--	--	--	--	--	--
	May-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-16	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-18	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	3.8J	15	--	--	--	--	--	--
	Jun-19	--	0.24JB	--	--	--	--	--	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-20	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
SW-1	Nov-93	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Mar-94	--	--	--	--	--	2 J	(2 J)	--	--	--	(1 J)	--	--
	Apr-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-95	--	--	--	--	--	2 J	1 J	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	--	--	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-01	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-03	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-04	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-05	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-06	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-07	--	--	--	--	--	--	0.8J	--	--	--	--	--	--
	May-08	--	--	--	--	--	--	0.6J	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	--	0.42 J	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	--	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-11	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-11	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-12	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-12	--	--	--		--	--	--	--	--	--	--	--	--
	May-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	0.59J	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-16	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-17	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-18	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	2.3J	15	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	--	--	--	--	--	--	0.48 JB	--
	Jun-20	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
SD-1	Nov-93	--	--	(1 J)	--	--	--	--	--	(2 J)	--	--	--	--
	Jan-94	--	--	--	--	--	9	4	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Mar-94	53	--	--	--	--	--	--	--	--	--	--	--	3 J
	Apr-94	--	--	--	--	--	7	2 J	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	--	--	--	--	--	--	18 B	--
	Oct-94	56	--	--	--	--	--	7 J	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-95	--	--	--	4J	--	--	5	--	--	--	--	--	--
	Oct-95	41	--	--	--	--	7	12	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-96	--	--	--	--	--	9	8	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	4J	5	--	--	--	--	--	--
	Oct-96	--	--	--	8	--	4J	12	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-97	--	--	--	--	--	11	11	--	--	--	--	2 BJ	--
	Jul-97	--	--	--	--	--	--	--	--	--	--	--	3J	--
	Oct-97	--	--	--	10	--	11	18	--	--	10	--	9B	--
	Jan-98	37	--	4J	--	--	--	7	--	--	2J	--	2J	--
	Apr-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	--	--	--	--	--	--	3J	--
	Jan-99	--	--	--	--	--	--	--	4J	--	--	--	--	--
	Aug-99	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-00	--	--	--	3J	--	19	33	--	--	--	--	3BJ	--
	Aug-00	--	--	--	7	--	--	--	--	--	--	--	--	--
	Jan-01	--	--	--	27	--	17	68	--	--	8	--	4 BJ	--
	Aug-01	54B	--	--	21	--	--	3J	--	3J	15	--	--	--
	Jan-02	59	--	--	19	5	7	26	--	--	--	--	6	--
	Aug-02	42	--	--	5	--	--	2J	--	--	9	--	14B	--
	May-03	97B	--	3J	9J	--	--	4J	--	18BJ	27J	--	7BJ	--
	May-04	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-05	9BJ	--	--	10J	--	7J	45	--	3BJ	--	--	--	--
	May-06	11 J	--	--	12 J	--	3 J	13 J	--	--	--	--	--	--
	May-07	--	--	--	4J	--	--	10J	--	--	5J	--	9 BJ	--
	May-08	--	--	--	6J	--	5J	21	--	--	--	--	9J	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-09	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	12	--	--	--	--	--	--
	Sep-10	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-11	28B	--	--	--	--	--	--	--	--	--	--	8JB	--
	Dec-11	53H	--	--	--	--	--	2.8JH	--	12J	5.0J	1.5J	7.8JH	--
	May-12	21J	--	--	--	--	--	5.3J	--	--	--	--	--	--
	Nov-12	--	--	--		--	--	4.9 J	--	--	--	--	--	--
	May-13	21J	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-14	20 J	--	--	--	--	--	2.3 J	--	--	--	--	--	--
	Nov-14	29 J	--	--	--	--	--	--	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-15	--	--	0.59J	--	--	--	--	1.3J	--	--	--	--	--
	May-16	38J	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-16	43	--	--	--	--	--	--	--	--	--	--	--	--
	May-17	10Jvs	--	--	--	--	--	--	--	--	--	--	5.1Jvs	--
	Nov-17	13Jvs	--	--	--	--	--	--	0.89Jvs	--	--	--	--	--
	May-18	63vs	--	--	--	1.4Jvs	--	--	9.1Jvs	--	--	--	--	--
	Dec-18	20 Jvs	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	--	--	--	--	--	--	23 B vs	--
	Jun-20	11 J vs	-- vs	-- vs	--	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs	-- vs

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform
Field Blank/Trip Blank	Nov-93	--	--	--	--	--	--	0.6 J	--	--	--	--	--	--
	Jan-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Feb-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Mar-94	--	--	--	--	--	--	--	--	(0.5 J)	--	(1 J)	--	--
	Apr-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-94	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-95	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-96	--	--	--	--	--	--	--	--	--	--	--	--	16
	Apr-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-96	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-97	--	--	--	--	--	--	--	--	--	--	--	2 BJ	--
	Apr-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Oct-97	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jul-98	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-99	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-99	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-00	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-01	--	--	--	--	--	--	--	--	--	--	--	3 BJ	--
	Aug-01	13	--	--	--	--	--	--	--	--	--	--	--	--
	Jan-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	Aug-02	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-03	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-04	12	--	--	--	--	--	--	--	--	--	--	--	--
	May-05	9J	--	--	--	--	--	--	--	--	--	--	--	--
	May-06	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-07	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-08	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-08	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Feb-09	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-09	--	--	--	--	--	--	--	--	--	--	--	--	--
	Apr-10	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-11	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	Nov-12	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS	NS
	May-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	Dec-13	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-14	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-14	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-15	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-15	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-16	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-16	--	--	--	--	--	--	--	--	--	--	--	--	--
	May-17	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-17	3.3 J	--	--	--	--	--	--	--	--	--	--	--	--
	May-18	--	--	--	--	--	--	0.77 J	--	--	--	--	--	--
	Dec-18	--	--	--	--	--	--	--	--	--	--	--	--	--
	Jun-19	--	--	--	--	--	--	--	--	--	--	--	--	--
	Nov-19	--	--	--	--	--	--	--	--	--	--	--	1.3 JB	--
	Jun-20	--	--	--	--	--	--	--	--	--	--	--	--	--

Table 1. Summary of Sampling Data at Machias Gravel Pit Site

Well Number	Date Sampled	Parameters (ug/L)												
		Acetone	Carbon Disulfide	Chlorobenzene	Dichloroethane	1,1-Dichloroethene	1,1,1-Trichloroethane	Trichloroethene	Tetrachloroethene	Toluene	1,2-Dichloroethene (Total)	Ethyl Benzene	Methylene Chloride	Chloroform

NOTES:

--	Not Detected
B	Compound was also detected in the associated method blank.
D	Analysis performed at a secondary dilution factor.
Dup	Duplicate Sample
E	Compound was detected above the instruments calibration range thus a secondary dilution was performed.
J	Detected below method detection limit. Value shown is therefore estimated.
NS	No Sample
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.
(3)	Values in parentheses are less than 10 times that found in the field blank or Laboratory method blanks and therefore are not representative of actual site conditions (i.e., artifacts or attributable to laboratory introduced contamination).*
*	Reference: U.S. EPA, 1988. Laboratory Data Validation Functional Guidelines for Evaluating Organics Analyses.
GW-22	Groundwater well sample (water table)
GW-22D	Groundwater well sample (deep)
RW-3	Cabin well sample
SW	Surface water sample
SD	Sediment Sample (ug/kg)

ATTACHMENT 3

Field Sampling Reports and Analytical Data Packages

Machias 11/20/19

Sample Point	Water Levels (ft)	TOC	Elevation
GW-3	50.59	1740.02	1689.43
GW-5	49.23	1741.5	1692.27
GW-5D	51.39	1741.8	1690.41
GW-6	49.45	1739.88	1690.43
GW-7	40.11	1729.16	1689.05
GW-9	58.60	1748.63	1690.03
GW-10	12.30	1701.58	1689.28
GW-16	10.20	1691.54	1681.34
GW-16D	9.08	1691.54	1682.46
GW-20	3.00	1680.92	1677.92
GW-21	6.78	1683.58	1676.80
GW-22	49.06	1740.08	1691.02
GW-22D	49.29	1739.72	1690.43
GW-23D	11.30	1700.21	1688.91
RW-3	5.64	1693.51	1687.87
SW-1	-		

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ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-162985-1
Client Project/Site: Machias site

For:
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005

Attn: Mr. Rich Gnat

Joseph V. Giacomazza

Authorized for release by:
12/2/2019 4:34:09 PM
Joe Giacomazza, Project Management Assistant II
joe.giacomazza@testamericainc.com

Designee for

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

The test results in this report meet all 2003 NELAC and 2009 TNI requirements for accredited parameters, exceptions are noted in this report. This report may not be reproduced except in full, and with written approval from the laboratory. For questions please contact the Project Manager at the e-mail address or telephone number listed on this page.

This report has been electronically signed and authorized by the signatory. Electronic signature is intended to be the legally binding equivalent of a traditionally handwritten signature.

Results relate only to the items tested and the sample(s) as received by the laboratory.

Table of Contents

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
B	Compound was found in the blank and sample.
F1	MS and/or MSD Recovery is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
PQL	Practical Quantitation Limit
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)

Job ID: 480-162985-1

Laboratory: Eurofins TestAmerica, Buffalo

Narrative

Job Narrative
480-162985-1

Comments
No additional comments.

Receipt
The samples were received on 11/20/2019 4:10 PM and 11/21/2019 5:45 PM; the samples arrived in good condition, properly preserved and, where required, on ice. The temperatures of the 2 coolers at receipt time were 3.4º C and 3.6º C.

GC/MS VOA
Method 8260C: The analyte Methylene Chloride was detected in the dilution analysis of sample 480-162985-A-9. Additional manipulation of the sample is required to analyze a sample at a dilution, therefore, the sample detection for Methylene Chloride in the analysis may potentially be due to laboratory contamination and should be evaluated accordingly.

Method 8260C: The analyte Methylene Chloride was detected in the Method Blank at a level above the project established reporting limit. The associated sample had levels of Methylene Chloride less than ten times that of the Method Blank value. All sample results for Methylene Chloride may potentially be due to laboratory contamination and should be evaluated accordingly. All associated positive sample results were qualified with a "B". The following sample was impacted: 480-162985-A-9.

Method 8260C: The following samples were diluted to bring the concentration of target analytes within the calibration range: GW-5 (480-162985-2), GW-22 (480-162985-8), GW-22D (480-162985-9), (480-162985-A-2 MS) and (480-162985-A-2 MSD). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCV) associated with batch 480-506397 recovered outside acceptance criteria, low biased, for Chloromethane and Vinyl chloride. A reporting limit (RL) standard was analyzed, and the target analyte was detected. Since the associated samples were non-detect for this analyte, the data have been reported.RW-3 (480-163172-1), GW-10 (480-163172-2), GW-16 (480-163172-3), GW-16D (480-163172-4), GW-20 (480-163172-5), GW-21 (480-163172-6), GW-23D (480-163172-7), SW-1 (480-163172-8) and TRIP BLANK (480-163172-10)

Method 8260C: The following sample was diluted to bring the concentration of target analytes within the calibration range: GW-23D (480-163172-7). Elevated reporting limits (RLs) are provided.

Method 8260C: The continuing calibration verification (CCVIS) analyzed in batch 480-506706 was outside the method criteria for the following analytes: Methylene Chloride and Chloroform, known common laboratory contaminants. As indicated in the reference method, sample analysis may proceed; however, any detection for the affected analytes should be evaluated accordingly. The following sample is impacted: SD-1 (480-163172-11).

Method 8260C: The LCS for 480-506706 recovered outside control limits for the analyte Chloroform due to laboratory contamination. The following sample is impacted SD-1 (480-163172-11).

Method 8260C: The laboratory control sample (LCS) for preparation batch 480-506703 and analytical batch 480-506706 recovered outside control limits for the following analyte: Bromoform. This analyte was biased high in the LCS and was not detected in the associated samples; therefore, the data have been reported. The following sample is impacted: SD-1 (480-163172-11).

Method 8260C: The method blank for preparation batch 480-506703 and analytical batch 480-506706 contained Chloroform and Methylene Chloride above the reporting limit (RL). These compounds are considered common laboratory contaminants. The associated sample(s) were not re-analyzed. The following sample is impacted: SD-1 (480-163172-11).

No additional analytical or quality issues were noted, other than those described above or in the Definitions/Glossary page.

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-3 — Lab Sample ID: 480-162985-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.1	J	5.0	0.82	ug/L	1		8260C	Total/NA
Methylene Chloride	0.62	J B	5.0	0.44	ug/L	1		8260C	Total/NA
Trichloroethene	17		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-5 — Lab Sample ID: 480-162985-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	14	J B	50	4.4	ug/L	10		8260C	Total/NA
Trichloroethene	520	F1	50	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: GW-5D — Lab Sample ID: 480-162985-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.44	J B	5.0	0.44	ug/L	1		8260C	Total/NA
Trichloroethene	0.46	J	5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: DUP — Lab Sample ID: 480-162985-4

No Detections.

Client Sample ID: GW-6 — Lab Sample ID: 480-162985-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.2	J	5.0	0.82	ug/L	1		8260C	Total/NA
Methylene Chloride	0.68	J B	5.0	0.44	ug/L	1		8260C	Total/NA
Trichloroethene	0.88	J	5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-7 — Lab Sample ID: 480-162985-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.88	J	5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-9 — Lab Sample ID: 480-162985-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5.1		5.0	0.82	ug/L	1		8260C	Total/NA
Methylene Chloride	0.52	J B	5.0	0.44	ug/L	1		8260C	Total/NA
Trichloroethene	7.5		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-22 — Lab Sample ID: 480-162985-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	13	J	50	8.2	ug/L	10		8260C	Total/NA
Chloroform	3.7	J	50	3.4	ug/L	10		8260C	Total/NA
Methylene Chloride	13	J B	50	4.4	ug/L	10		8260C	Total/NA
Trichloroethene	370		50	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: GW-22D — Lab Sample ID: 480-162985-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	6.5	J	20	3.3	ug/L	4		8260C	Total/NA
Chloroform	2.0	J	20	1.4	ug/L	4		8260C	Total/NA
Methylene Chloride	38	B	20	1.8	ug/L	4		8260C	Total/NA
Trichloroethene	120		20	1.8	ug/L	4		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-162985-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.3	J B	5.0	0.44	ug/L	1		8260C	Total/NA

Client Sample ID: RW-3 — Lab Sample ID: 480-163172-1

No Detections.

Client Sample ID: GW-10 — Lab Sample ID: 480-163172-2

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.3	J	5.0	0.82	ug/L	1		8260C	Total/NA
Methylene Chloride	0.49	J B	5.0	0.44	ug/L	1		8260C	Total/NA
Trichloroethene	27		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-16 — Lab Sample ID: 480-163172-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	6.0		5.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.87	J	5.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	48		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-16D — Lab Sample ID: 480-163172-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	17		5.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.2	J	5.0	0.29	ug/L	1		8260C	Total/NA
Methylene Chloride	0.44	J B	5.0	0.44	ug/L	1		8260C	Total/NA
Trichloroethene	62		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-20 — Lab Sample ID: 480-163172-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.2	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	8.8		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-21 — Lab Sample ID: 480-163172-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.0	J	5.0	0.82	ug/L	1		8260C	Total/NA
Methylene Chloride	0.57	J B	5.0	0.44	ug/L	1		8260C	Total/NA
Trichloroethene	21		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-23D — Lab Sample ID: 480-163172-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	34	J B	40	3.5	ug/L	8		8260C	Total/NA
Trichloroethene	320		40	3.7	ug/L	8		8260C	Total/NA

Client Sample ID: SW-1 — Lab Sample ID: 480-163172-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	0.48	J B	5.0	0.44	ug/L	1		8260C	Total/NA

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-163172-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	1.2	J B	5.0	0.44	ug/L	1		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: SD-1

Lab Sample ID: 480-163172-11

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Methylene Chloride	23	B vs	6.3	2.9	ug/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-3

Date Collected: 11/20/19 14:00
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.1**	**J**	5.0	0.82	ug/L			11/21/19 14:49	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/21/19 14:49	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/21/19 14:49	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/21/19 14:49	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/21/19 14:49	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/21/19 14:49	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/21/19 14:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/21/19 14:49	1
2-Hexanone	ND		10	1.2	ug/L			11/21/19 14:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/21/19 14:49	1
Acetone	ND		10	3.0	ug/L			11/21/19 14:49	1
Benzene	ND		5.0	0.41	ug/L			11/21/19 14:49	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/21/19 14:49	1
Bromoform	ND		5.0	0.26	ug/L			11/21/19 14:49	1
Bromomethane	ND		10	0.69	ug/L			11/21/19 14:49	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/21/19 14:49	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/21/19 14:49	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/21/19 14:49	1
Chloroethane	ND		10	0.32	ug/L			11/21/19 14:49	1
Chloroform	ND		5.0	0.34	ug/L			11/21/19 14:49	1
Chloromethane	ND		10	0.35	ug/L			11/21/19 14:49	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/21/19 14:49	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/21/19 14:49	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/21/19 14:49	1
Methylene Chloride	**0.62**	**J B**	5.0	0.44	ug/L			11/21/19 14:49	1
Styrene	ND		5.0	0.73	ug/L			11/21/19 14:49	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/21/19 14:49	1
Toluene	ND		5.0	0.51	ug/L			11/21/19 14:49	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/21/19 14:49	1
Trichloroethene	**17**		5.0	0.46	ug/L			11/21/19 14:49	1
Vinyl acetate	ND		10	0.85	ug/L			11/21/19 14:49	1
Vinyl chloride	ND		10	0.90	ug/L			11/21/19 14:49	1
Xylenes, Total	ND		10	0.66	ug/L			11/21/19 14:49	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*11/21/19 14:49*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*11/21/19 14:49*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/21/19 14:49*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-5
Date Collected: 11/20/19 12:35
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-2
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	8.2	ug/L			11/21/19 15:12	10
1,1,2,2-Tetrachloroethane	ND		50	2.1	ug/L			11/21/19 15:12	10
1,1,2-Trichloroethane	ND		50	2.3	ug/L			11/21/19 15:12	10
1,1-Dichloroethene	ND		50	2.9	ug/L			11/21/19 15:12	10
1,2-Dichloroethane	ND		50	2.1	ug/L			11/21/19 15:12	10
1,2-Dichloroethene, Total	ND		100	8.1	ug/L			11/21/19 15:12	10
1,2-Dichloropropane	ND		50	7.2	ug/L			11/21/19 15:12	10
2-Butanone (MEK)	ND		100	13	ug/L			11/21/19 15:12	10
2-Hexanone	ND		100	12	ug/L			11/21/19 15:12	10
4-Methyl-2-pentanone (MIBK)	ND		100	21	ug/L			11/21/19 15:12	10
Acetone	ND		100	30	ug/L			11/21/19 15:12	10
Benzene	ND		50	4.1	ug/L			11/21/19 15:12	10
Bromodichloromethane	ND		50	3.9	ug/L			11/21/19 15:12	10
Bromoform	ND		50	2.6	ug/L			11/21/19 15:12	10
Bromomethane	ND		100	6.9	ug/L			11/21/19 15:12	10
Carbon disulfide	ND		50	1.9	ug/L			11/21/19 15:12	10
Carbon tetrachloride	ND		50	2.7	ug/L			11/21/19 15:12	10
Chlorobenzene	ND		50	7.5	ug/L			11/21/19 15:12	10
Chloroethane	ND		100	3.2	ug/L			11/21/19 15:12	10
Chloroform	ND		50	3.4	ug/L			11/21/19 15:12	10
Chloromethane	ND		100	3.5	ug/L			11/21/19 15:12	10
cis-1,3-Dichloropropene	ND		50	3.6	ug/L			11/21/19 15:12	10
Dibromochloromethane	ND		50	3.2	ug/L			11/21/19 15:12	10
Ethylbenzene	ND		50	7.4	ug/L			11/21/19 15:12	10
Methylene Chloride	**14**	**J B**	50	4.4	ug/L			11/21/19 15:12	10
Styrene	ND		50	7.3	ug/L			11/21/19 15:12	10
Tetrachloroethene	ND		50	3.6	ug/L			11/21/19 15:12	10
Toluene	ND		50	5.1	ug/L			11/21/19 15:12	10
trans-1,3-Dichloropropene	ND		50	3.7	ug/L			11/21/19 15:12	10
Trichloroethene	**520**	**F1**	50	4.6	ug/L			11/21/19 15:12	10
Vinyl acetate	ND		100	8.5	ug/L			11/21/19 15:12	10
Vinyl chloride	ND		100	9.0	ug/L			11/21/19 15:12	10
Xylenes, Total	ND		100	6.6	ug/L			11/21/19 15:12	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*11/21/19 15:12*	*10*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*11/21/19 15:12*	*10*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/21/19 15:12*	*10*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-5D

Date Collected: 11/20/19 12:25
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			11/21/19 15:35	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/21/19 15:35	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/21/19 15:35	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/21/19 15:35	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/21/19 15:35	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/21/19 15:35	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/21/19 15:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/21/19 15:35	1
2-Hexanone	ND		10	1.2	ug/L			11/21/19 15:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/21/19 15:35	1
Acetone	ND		10	3.0	ug/L			11/21/19 15:35	1
Benzene	ND		5.0	0.41	ug/L			11/21/19 15:35	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/21/19 15:35	1
Bromoform	ND		5.0	0.26	ug/L			11/21/19 15:35	1
Bromomethane	ND		10	0.69	ug/L			11/21/19 15:35	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/21/19 15:35	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/21/19 15:35	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/21/19 15:35	1
Chloroethane	ND		10	0.32	ug/L			11/21/19 15:35	1
Chloroform	ND		5.0	0.34	ug/L			11/21/19 15:35	1
Chloromethane	ND		10	0.35	ug/L			11/21/19 15:35	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/21/19 15:35	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/21/19 15:35	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/21/19 15:35	1
Methylene Chloride	**0.44**	**J B**	5.0	0.44	ug/L			11/21/19 15:35	1
Styrene	ND		5.0	0.73	ug/L			11/21/19 15:35	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/21/19 15:35	1
Toluene	ND		5.0	0.51	ug/L			11/21/19 15:35	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/21/19 15:35	1
Trichloroethene	**0.46**	**J**	5.0	0.46	ug/L			11/21/19 15:35	1
Vinyl acetate	ND		10	0.85	ug/L			11/21/19 15:35	1
Vinyl chloride	ND		10	0.90	ug/L			11/21/19 15:35	1
Xylenes, Total	ND		10	0.66	ug/L			11/21/19 15:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*11/21/19 15:35*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*11/21/19 15:35*	*1*
Toluene-d8 (Surr)	*100*		*80 - 120*		*11/21/19 15:35*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: DUP

Date Collected: 11/20/19 12:25
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			11/21/19 15:58	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/21/19 15:58	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/21/19 15:58	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/21/19 15:58	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/21/19 15:58	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/21/19 15:58	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/21/19 15:58	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/21/19 15:58	1
2-Hexanone	ND		10	1.2	ug/L			11/21/19 15:58	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/21/19 15:58	1
Acetone	ND		10	3.0	ug/L			11/21/19 15:58	1
Benzene	ND		5.0	0.41	ug/L			11/21/19 15:58	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/21/19 15:58	1
Bromoform	ND		5.0	0.26	ug/L			11/21/19 15:58	1
Bromomethane	ND		10	0.69	ug/L			11/21/19 15:58	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/21/19 15:58	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/21/19 15:58	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/21/19 15:58	1
Chloroethane	ND		10	0.32	ug/L			11/21/19 15:58	1
Chloroform	ND		5.0	0.34	ug/L			11/21/19 15:58	1
Chloromethane	ND		10	0.35	ug/L			11/21/19 15:58	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/21/19 15:58	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/21/19 15:58	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/21/19 15:58	1
Methylene Chloride	ND		5.0	0.44	ug/L			11/21/19 15:58	1
Styrene	ND		5.0	0.73	ug/L			11/21/19 15:58	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/21/19 15:58	1
Toluene	ND		5.0	0.51	ug/L			11/21/19 15:58	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/21/19 15:58	1
Trichloroethene	ND		5.0	0.46	ug/L			11/21/19 15:58	1
Vinyl acetate	ND		10	0.85	ug/L			11/21/19 15:58	1
Vinyl chloride	ND		10	0.90	ug/L			11/21/19 15:58	1
Xylenes, Total	ND		10	0.66	ug/L			11/21/19 15:58	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*11/21/19 15:58*	*1*
4-Bromofluorobenzene (Surr)	*104*		*73 - 120*		*11/21/19 15:58*	*1*
Toluene-d8 (Surr)	*105*		*80 - 120*		*11/21/19 15:58*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-6

Date Collected: 11/20/19 14:12
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.2**	**J**	5.0	0.82	ug/L			11/21/19 16:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/21/19 16:21	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/21/19 16:21	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/21/19 16:21	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/21/19 16:21	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/21/19 16:21	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/21/19 16:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/21/19 16:21	1
2-Hexanone	ND		10	1.2	ug/L			11/21/19 16:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/21/19 16:21	1
Acetone	ND		10	3.0	ug/L			11/21/19 16:21	1
Benzene	ND		5.0	0.41	ug/L			11/21/19 16:21	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/21/19 16:21	1
Bromoform	ND		5.0	0.26	ug/L			11/21/19 16:21	1
Bromomethane	ND		10	0.69	ug/L			11/21/19 16:21	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/21/19 16:21	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/21/19 16:21	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/21/19 16:21	1
Chloroethane	ND		10	0.32	ug/L			11/21/19 16:21	1
Chloroform	ND		5.0	0.34	ug/L			11/21/19 16:21	1
Chloromethane	ND		10	0.35	ug/L			11/21/19 16:21	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/21/19 16:21	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/21/19 16:21	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/21/19 16:21	1
Methylene Chloride	**0.68**	**J B**	5.0	0.44	ug/L			11/21/19 16:21	1
Styrene	ND		5.0	0.73	ug/L			11/21/19 16:21	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/21/19 16:21	1
Toluene	ND		5.0	0.51	ug/L			11/21/19 16:21	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/21/19 16:21	1
Trichloroethene	**0.88**	**J**	5.0	0.46	ug/L			11/21/19 16:21	1
Vinyl acetate	ND		10	0.85	ug/L			11/21/19 16:21	1
Vinyl chloride	ND		10	0.90	ug/L			11/21/19 16:21	1
Xylenes, Total	ND		10	0.66	ug/L			11/21/19 16:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*11/21/19 16:21*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*11/21/19 16:21*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/21/19 16:21*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-7

Date Collected: 11/20/19 13:42
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			11/21/19 16:44	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/21/19 16:44	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/21/19 16:44	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/21/19 16:44	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/21/19 16:44	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/21/19 16:44	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/21/19 16:44	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/21/19 16:44	1
2-Hexanone	ND		10	1.2	ug/L			11/21/19 16:44	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/21/19 16:44	1
Acetone	ND		10	3.0	ug/L			11/21/19 16:44	1
Benzene	ND		5.0	0.41	ug/L			11/21/19 16:44	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/21/19 16:44	1
Bromoform	ND		5.0	0.26	ug/L			11/21/19 16:44	1
Bromomethane	ND		10	0.69	ug/L			11/21/19 16:44	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/21/19 16:44	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/21/19 16:44	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/21/19 16:44	1
Chloroethane	ND		10	0.32	ug/L			11/21/19 16:44	1
Chloroform	ND		5.0	0.34	ug/L			11/21/19 16:44	1
Chloromethane	ND		10	0.35	ug/L			11/21/19 16:44	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/21/19 16:44	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/21/19 16:44	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/21/19 16:44	1
Methylene Chloride	ND		5.0	0.44	ug/L			11/21/19 16:44	1
Styrene	ND		5.0	0.73	ug/L			11/21/19 16:44	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/21/19 16:44	1
Toluene	ND		5.0	0.51	ug/L			11/21/19 16:44	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/21/19 16:44	1
Trichloroethene	**0.88**	**J**	5.0	0.46	ug/L			11/21/19 16:44	1
Vinyl acetate	ND		10	0.85	ug/L			11/21/19 16:44	1
Vinyl chloride	ND		10	0.90	ug/L			11/21/19 16:44	1
Xylenes, Total	ND		10	0.66	ug/L			11/21/19 16:44	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*11/21/19 16:44*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*11/21/19 16:44*	*1*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/21/19 16:44*	*1*

Client Sample ID: GW-9

Date Collected: 11/20/19 14:05
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**5.1**		5.0	0.82	ug/L			11/21/19 17:07	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/21/19 17:07	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/21/19 17:07	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/21/19 17:07	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/21/19 17:07	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/21/19 17:07	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/21/19 17:07	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/21/19 17:07	1
2-Hexanone	ND		10	1.2	ug/L			11/21/19 17:07	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/21/19 17:07	1
Acetone	ND		10	3.0	ug/L			11/21/19 17:07	1
Benzene	ND		5.0	0.41	ug/L			11/21/19 17:07	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/21/19 17:07	1
Bromoform	ND		5.0	0.26	ug/L			11/21/19 17:07	1
Bromomethane	ND		10	0.69	ug/L			11/21/19 17:07	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/21/19 17:07	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/21/19 17:07	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/21/19 17:07	1
Chloroethane	ND		10	0.32	ug/L			11/21/19 17:07	1
Chloroform	ND		5.0	0.34	ug/L			11/21/19 17:07	1
Chloromethane	ND		10	0.35	ug/L			11/21/19 17:07	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/21/19 17:07	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/21/19 17:07	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/21/19 17:07	1
Methylene Chloride	**0.52**	**J B**	5.0	0.44	ug/L			11/21/19 17:07	1
Styrene	ND		5.0	0.73	ug/L			11/21/19 17:07	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/21/19 17:07	1
Toluene	ND		5.0	0.51	ug/L			11/21/19 17:07	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/21/19 17:07	1
Trichloroethene	**7.5**		5.0	0.46	ug/L			11/21/19 17:07	1
Vinyl acetate	ND		10	0.85	ug/L			11/21/19 17:07	1
Vinyl chloride	ND		10	0.90	ug/L			11/21/19 17:07	1
Xylenes, Total	ND		10	0.66	ug/L			11/21/19 17:07	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*11/21/19 17:07*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*11/21/19 17:07*	*1*
Toluene-d8 (Surr)	*102*		*80 - 120*		*11/21/19 17:07*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-22

Date Collected: 11/20/19 13:30
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**13**	**J**	50	8.2	ug/L			11/21/19 17:30	10
1,1,2,2-Tetrachloroethane	ND		50	2.1	ug/L			11/21/19 17:30	10
1,1,2-Trichloroethane	ND		50	2.3	ug/L			11/21/19 17:30	10
1,1-Dichloroethene	ND		50	2.9	ug/L			11/21/19 17:30	10
1,2-Dichloroethane	ND		50	2.1	ug/L			11/21/19 17:30	10
1,2-Dichloroethene, Total	ND		100	8.1	ug/L			11/21/19 17:30	10
1,2-Dichloropropane	ND		50	7.2	ug/L			11/21/19 17:30	10
2-Butanone (MEK)	ND		100	13	ug/L			11/21/19 17:30	10
2-Hexanone	ND		100	12	ug/L			11/21/19 17:30	10
4-Methyl-2-pentanone (MIBK)	ND		100	21	ug/L			11/21/19 17:30	10
Acetone	ND		100	30	ug/L			11/21/19 17:30	10
Benzene	ND		50	4.1	ug/L			11/21/19 17:30	10
Bromodichloromethane	ND		50	3.9	ug/L			11/21/19 17:30	10
Bromoform	ND		50	2.6	ug/L			11/21/19 17:30	10
Bromomethane	ND		100	6.9	ug/L			11/21/19 17:30	10
Carbon disulfide	ND		50	1.9	ug/L			11/21/19 17:30	10
Carbon tetrachloride	ND		50	2.7	ug/L			11/21/19 17:30	10
Chlorobenzene	ND		50	7.5	ug/L			11/21/19 17:30	10
Chloroethane	ND		100	3.2	ug/L			11/21/19 17:30	10
Chloroform	**3.7**	**J**	50	3.4	ug/L			11/21/19 17:30	10
Chloromethane	ND		100	3.5	ug/L			11/21/19 17:30	10
cis-1,3-Dichloropropene	ND		50	3.6	ug/L			11/21/19 17:30	10
Dibromochloromethane	ND		50	3.2	ug/L			11/21/19 17:30	10
Ethylbenzene	ND		50	7.4	ug/L			11/21/19 17:30	10
Methylene Chloride	**13**	**J B**	50	4.4	ug/L			11/21/19 17:30	10
Styrene	ND		50	7.3	ug/L			11/21/19 17:30	10
Tetrachloroethene	ND		50	3.6	ug/L			11/21/19 17:30	10
Toluene	ND		50	5.1	ug/L			11/21/19 17:30	10
trans-1,3-Dichloropropene	ND		50	3.7	ug/L			11/21/19 17:30	10
Trichloroethene	**370**		50	4.6	ug/L			11/21/19 17:30	10
Vinyl acetate	ND		100	8.5	ug/L			11/21/19 17:30	10
Vinyl chloride	ND		100	9.0	ug/L			11/21/19 17:30	10
Xylenes, Total	ND		100	6.6	ug/L			11/21/19 17:30	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*11/21/19 17:30*	*10*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*11/21/19 17:30*	*10*
Toluene-d8 (Surr)	*101*		*80 - 120*		*11/21/19 17:30*	*10*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-22D

Date Collected: 11/20/19 13:40
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**6.5**	**J**	20	3.3	ug/L			11/21/19 17:53	4
1,1,2,2-Tetrachloroethane	ND		20	0.84	ug/L			11/21/19 17:53	4
1,1,2-Trichloroethane	ND		20	0.92	ug/L			11/21/19 17:53	4
1,1-Dichloroethene	ND		20	1.2	ug/L			11/21/19 17:53	4
1,2-Dichloroethane	ND		20	0.84	ug/L			11/21/19 17:53	4
1,2-Dichloroethene, Total	ND		40	3.2	ug/L			11/21/19 17:53	4
1,2-Dichloropropane	ND		20	2.9	ug/L			11/21/19 17:53	4
2-Butanone (MEK)	ND		40	5.3	ug/L			11/21/19 17:53	4
2-Hexanone	ND		40	5.0	ug/L			11/21/19 17:53	4
4-Methyl-2-pentanone (MIBK)	ND		40	8.4	ug/L			11/21/19 17:53	4
Acetone	ND		40	12	ug/L			11/21/19 17:53	4
Benzene	ND		20	1.6	ug/L			11/21/19 17:53	4
Bromodichloromethane	ND		20	1.6	ug/L			11/21/19 17:53	4
Bromoform	ND		20	1.0	ug/L			11/21/19 17:53	4
Bromomethane	ND		40	2.8	ug/L			11/21/19 17:53	4
Carbon disulfide	ND		20	0.76	ug/L			11/21/19 17:53	4
Carbon tetrachloride	ND		20	1.1	ug/L			11/21/19 17:53	4
Chlorobenzene	ND		20	3.0	ug/L			11/21/19 17:53	4
Chloroethane	ND		40	1.3	ug/L			11/21/19 17:53	4
Chloroform	**2.0**	**J**	20	1.4	ug/L			11/21/19 17:53	4
Chloromethane	ND		40	1.4	ug/L			11/21/19 17:53	4
cis-1,3-Dichloropropene	ND		20	1.4	ug/L			11/21/19 17:53	4
Dibromochloromethane	ND		20	1.3	ug/L			11/21/19 17:53	4
Ethylbenzene	ND		20	3.0	ug/L			11/21/19 17:53	4
Methylene Chloride	**38**	**B**	20	1.8	ug/L			11/21/19 17:53	4
Styrene	ND		20	2.9	ug/L			11/21/19 17:53	4
Tetrachloroethene	ND		20	1.4	ug/L			11/21/19 17:53	4
Toluene	ND		20	2.0	ug/L			11/21/19 17:53	4
trans-1,3-Dichloropropene	ND		20	1.5	ug/L			11/21/19 17:53	4
Trichloroethene	**120**		20	1.8	ug/L			11/21/19 17:53	4
Vinyl acetate	ND		40	3.4	ug/L			11/21/19 17:53	4
Vinyl chloride	ND		40	3.6	ug/L			11/21/19 17:53	4
Xylenes, Total	ND		40	2.6	ug/L			11/21/19 17:53	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*95*		*77 - 120*		*11/21/19 17:53*	*4*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*11/21/19 17:53*	*4*
Toluene-d8 (Surr)	*103*		*80 - 120*		*11/21/19 17:53*	*4*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: TRIP BLANK

Date Collected: 11/20/19 10:00
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			11/21/19 18:16	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/21/19 18:16	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/21/19 18:16	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/21/19 18:16	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/21/19 18:16	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/21/19 18:16	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/21/19 18:16	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/21/19 18:16	1
2-Hexanone	ND		10	1.2	ug/L			11/21/19 18:16	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/21/19 18:16	1
Acetone	ND		10	3.0	ug/L			11/21/19 18:16	1
Benzene	ND		5.0	0.41	ug/L			11/21/19 18:16	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/21/19 18:16	1
Bromoform	ND		5.0	0.26	ug/L			11/21/19 18:16	1
Bromomethane	ND		10	0.69	ug/L			11/21/19 18:16	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/21/19 18:16	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/21/19 18:16	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/21/19 18:16	1
Chloroethane	ND		10	0.32	ug/L			11/21/19 18:16	1
Chloroform	ND		5.0	0.34	ug/L			11/21/19 18:16	1
Chloromethane	ND		10	0.35	ug/L			11/21/19 18:16	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/21/19 18:16	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/21/19 18:16	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/21/19 18:16	1
Methylene Chloride	**1.3**	**J B**	5.0	0.44	ug/L			11/21/19 18:16	1
Styrene	ND		5.0	0.73	ug/L			11/21/19 18:16	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/21/19 18:16	1
Toluene	ND		5.0	0.51	ug/L			11/21/19 18:16	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/21/19 18:16	1
Trichloroethene	ND		5.0	0.46	ug/L			11/21/19 18:16	1
Vinyl acetate	ND		10	0.85	ug/L			11/21/19 18:16	1
Vinyl chloride	ND		10	0.90	ug/L			11/21/19 18:16	1
Xylenes, Total	ND		10	0.66	ug/L			11/21/19 18:16	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*11/21/19 18:16*	*1*
4-Bromofluorobenzene (Surr)	*108*		*73 - 120*		*11/21/19 18:16*	*1*
Toluene-d8 (Surr)	*104*		*80 - 120*		*11/21/19 18:16*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: RW-3

Date Collected: 11/21/19 14:25
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			11/24/19 01:38	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/24/19 01:38	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/24/19 01:38	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/24/19 01:38	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/24/19 01:38	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/24/19 01:38	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/24/19 01:38	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/24/19 01:38	1
2-Hexanone	ND		10	1.2	ug/L			11/24/19 01:38	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/24/19 01:38	1
Acetone	ND		10	3.0	ug/L			11/24/19 01:38	1
Benzene	ND		5.0	0.41	ug/L			11/24/19 01:38	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/24/19 01:38	1
Bromoform	ND		5.0	0.26	ug/L			11/24/19 01:38	1
Bromomethane	ND		10	0.69	ug/L			11/24/19 01:38	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/24/19 01:38	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/24/19 01:38	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/24/19 01:38	1
Chloroethane	ND		10	0.32	ug/L			11/24/19 01:38	1
Chloroform	ND		5.0	0.34	ug/L			11/24/19 01:38	1
Chloromethane	ND		10	0.35	ug/L			11/24/19 01:38	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/24/19 01:38	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/24/19 01:38	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/24/19 01:38	1
Methylene Chloride	ND		5.0	0.44	ug/L			11/24/19 01:38	1
Styrene	ND		5.0	0.73	ug/L			11/24/19 01:38	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/24/19 01:38	1
Toluene	ND		5.0	0.51	ug/L			11/24/19 01:38	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/24/19 01:38	1
Trichloroethene	ND		5.0	0.46	ug/L			11/24/19 01:38	1
Vinyl acetate	ND		10	0.85	ug/L			11/24/19 01:38	1
Vinyl chloride	ND		10	0.90	ug/L			11/24/19 01:38	1
Xylenes, Total	ND		10	0.66	ug/L			11/24/19 01:38	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*105*		*77 - 120*		*11/24/19 01:38*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*11/24/19 01:38*	*1*
Toluene-d8 (Surr)	*91*		*80 - 120*		*11/24/19 01:38*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-10

Date Collected: 11/21/19 14:35
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.3**	**J**	5.0	0.82	ug/L			11/24/19 02:03	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/24/19 02:03	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/24/19 02:03	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/24/19 02:03	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/24/19 02:03	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/24/19 02:03	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/24/19 02:03	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/24/19 02:03	1
2-Hexanone	ND		10	1.2	ug/L			11/24/19 02:03	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/24/19 02:03	1
Acetone	ND		10	3.0	ug/L			11/24/19 02:03	1
Benzene	ND		5.0	0.41	ug/L			11/24/19 02:03	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/24/19 02:03	1
Bromoform	ND		5.0	0.26	ug/L			11/24/19 02:03	1
Bromomethane	ND		10	0.69	ug/L			11/24/19 02:03	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/24/19 02:03	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/24/19 02:03	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/24/19 02:03	1
Chloroethane	ND		10	0.32	ug/L			11/24/19 02:03	1
Chloroform	ND		5.0	0.34	ug/L			11/24/19 02:03	1
Chloromethane	ND		10	0.35	ug/L			11/24/19 02:03	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/24/19 02:03	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/24/19 02:03	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/24/19 02:03	1
Methylene Chloride	**0.49**	**J B**	5.0	0.44	ug/L			11/24/19 02:03	1
Styrene	ND		5.0	0.73	ug/L			11/24/19 02:03	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/24/19 02:03	1
Toluene	ND		5.0	0.51	ug/L			11/24/19 02:03	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/24/19 02:03	1
Trichloroethene	**27**		5.0	0.46	ug/L			11/24/19 02:03	1
Vinyl acetate	ND		10	0.85	ug/L			11/24/19 02:03	1
Vinyl chloride	ND		10	0.90	ug/L			11/24/19 02:03	1
Xylenes, Total	ND		10	0.66	ug/L			11/24/19 02:03	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*11/24/19 02:03*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*11/24/19 02:03*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/24/19 02:03*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-16

Date Collected: 11/21/19 14:50
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**6.0**		5.0	0.82	ug/L			11/24/19 02:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/24/19 02:27	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/24/19 02:27	1
1,1-Dichloroethene	**0.87**	**J**	5.0	0.29	ug/L			11/24/19 02:27	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/24/19 02:27	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/24/19 02:27	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/24/19 02:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/24/19 02:27	1
2-Hexanone	ND		10	1.2	ug/L			11/24/19 02:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/24/19 02:27	1
Acetone	ND		10	3.0	ug/L			11/24/19 02:27	1
Benzene	ND		5.0	0.41	ug/L			11/24/19 02:27	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/24/19 02:27	1
Bromoform	ND		5.0	0.26	ug/L			11/24/19 02:27	1
Bromomethane	ND		10	0.69	ug/L			11/24/19 02:27	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/24/19 02:27	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/24/19 02:27	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/24/19 02:27	1
Chloroethane	ND		10	0.32	ug/L			11/24/19 02:27	1
Chloroform	ND		5.0	0.34	ug/L			11/24/19 02:27	1
Chloromethane	ND		10	0.35	ug/L			11/24/19 02:27	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/24/19 02:27	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/24/19 02:27	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/24/19 02:27	1
Methylene Chloride	ND		5.0	0.44	ug/L			11/24/19 02:27	1
Styrene	ND		5.0	0.73	ug/L			11/24/19 02:27	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/24/19 02:27	1
Toluene	ND		5.0	0.51	ug/L			11/24/19 02:27	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/24/19 02:27	1
Trichloroethene	**48**		5.0	0.46	ug/L			11/24/19 02:27	1
Vinyl acetate	ND		10	0.85	ug/L			11/24/19 02:27	1
Vinyl chloride	ND		10	0.90	ug/L			11/24/19 02:27	1
Xylenes, Total	ND		10	0.66	ug/L			11/24/19 02:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*		*11/24/19 02:27*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*11/24/19 02:27*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/24/19 02:27*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-16D

Date Collected: 11/21/19 14:55
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**17**		5.0	0.82	ug/L			11/24/19 02:51	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/24/19 02:51	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/24/19 02:51	1
1,1-Dichloroethene	**1.2**	**J**	5.0	0.29	ug/L			11/24/19 02:51	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/24/19 02:51	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/24/19 02:51	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/24/19 02:51	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/24/19 02:51	1
2-Hexanone	ND		10	1.2	ug/L			11/24/19 02:51	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/24/19 02:51	1
Acetone	ND		10	3.0	ug/L			11/24/19 02:51	1
Benzene	ND		5.0	0.41	ug/L			11/24/19 02:51	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/24/19 02:51	1
Bromoform	ND		5.0	0.26	ug/L			11/24/19 02:51	1
Bromomethane	ND		10	0.69	ug/L			11/24/19 02:51	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/24/19 02:51	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/24/19 02:51	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/24/19 02:51	1
Chloroethane	ND		10	0.32	ug/L			11/24/19 02:51	1
Chloroform	ND		5.0	0.34	ug/L			11/24/19 02:51	1
Chloromethane	ND		10	0.35	ug/L			11/24/19 02:51	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/24/19 02:51	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/24/19 02:51	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/24/19 02:51	1
Methylene Chloride	**0.44**	**J B**	5.0	0.44	ug/L			11/24/19 02:51	1
Styrene	ND		5.0	0.73	ug/L			11/24/19 02:51	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/24/19 02:51	1
Toluene	ND		5.0	0.51	ug/L			11/24/19 02:51	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/24/19 02:51	1
Trichloroethene	**62**		5.0	0.46	ug/L			11/24/19 02:51	1
Vinyl acetate	ND		10	0.85	ug/L			11/24/19 02:51	1
Vinyl chloride	ND		10	0.90	ug/L			11/24/19 02:51	1
Xylenes, Total	ND		10	0.66	ug/L			11/24/19 02:51	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*11/24/19 02:51*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*11/24/19 02:51*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*11/24/19 02:51*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-20

Date Collected: 11/21/19 15:15
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.2**	**J**	5.0	0.82	ug/L			11/24/19 03:15	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/24/19 03:15	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/24/19 03:15	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/24/19 03:15	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/24/19 03:15	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/24/19 03:15	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/24/19 03:15	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/24/19 03:15	1
2-Hexanone	ND		10	1.2	ug/L			11/24/19 03:15	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/24/19 03:15	1
Acetone	ND		10	3.0	ug/L			11/24/19 03:15	1
Benzene	ND		5.0	0.41	ug/L			11/24/19 03:15	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/24/19 03:15	1
Bromoform	ND		5.0	0.26	ug/L			11/24/19 03:15	1
Bromomethane	ND		10	0.69	ug/L			11/24/19 03:15	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/24/19 03:15	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/24/19 03:15	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/24/19 03:15	1
Chloroethane	ND		10	0.32	ug/L			11/24/19 03:15	1
Chloroform	ND		5.0	0.34	ug/L			11/24/19 03:15	1
Chloromethane	ND		10	0.35	ug/L			11/24/19 03:15	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/24/19 03:15	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/24/19 03:15	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/24/19 03:15	1
Methylene Chloride	ND		5.0	0.44	ug/L			11/24/19 03:15	1
Styrene	ND		5.0	0.73	ug/L			11/24/19 03:15	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/24/19 03:15	1
Toluene	ND		5.0	0.51	ug/L			11/24/19 03:15	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/24/19 03:15	1
Trichloroethene	**8.8**		5.0	0.46	ug/L			11/24/19 03:15	1
Vinyl acetate	ND		10	0.85	ug/L			11/24/19 03:15	1
Vinyl chloride	ND		10	0.90	ug/L			11/24/19 03:15	1
Xylenes, Total	ND		10	0.66	ug/L			11/24/19 03:15	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*11/24/19 03:15*	*1*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*		*11/24/19 03:15*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*11/24/19 03:15*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-21

Date Collected: 11/21/19 15:20
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.0**	**J**	5.0	0.82	ug/L			11/24/19 03:39	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/24/19 03:39	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/24/19 03:39	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/24/19 03:39	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/24/19 03:39	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/24/19 03:39	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/24/19 03:39	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/24/19 03:39	1
2-Hexanone	ND		10	1.2	ug/L			11/24/19 03:39	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/24/19 03:39	1
Acetone	ND		10	3.0	ug/L			11/24/19 03:39	1
Benzene	ND		5.0	0.41	ug/L			11/24/19 03:39	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/24/19 03:39	1
Bromoform	ND		5.0	0.26	ug/L			11/24/19 03:39	1
Bromomethane	ND		10	0.69	ug/L			11/24/19 03:39	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/24/19 03:39	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/24/19 03:39	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/24/19 03:39	1
Chloroethane	ND		10	0.32	ug/L			11/24/19 03:39	1
Chloroform	ND		5.0	0.34	ug/L			11/24/19 03:39	1
Chloromethane	ND		10	0.35	ug/L			11/24/19 03:39	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/24/19 03:39	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/24/19 03:39	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/24/19 03:39	1
Methylene Chloride	**0.57**	**J B**	5.0	0.44	ug/L			11/24/19 03:39	1
Styrene	ND		5.0	0.73	ug/L			11/24/19 03:39	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/24/19 03:39	1
Toluene	ND		5.0	0.51	ug/L			11/24/19 03:39	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/24/19 03:39	1
Trichloroethene	**21**		5.0	0.46	ug/L			11/24/19 03:39	1
Vinyl acetate	ND		10	0.85	ug/L			11/24/19 03:39	1
Vinyl chloride	ND		10	0.90	ug/L			11/24/19 03:39	1
Xylenes, Total	ND		10	0.66	ug/L			11/24/19 03:39	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*11/24/19 03:39*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*11/24/19 03:39*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*11/24/19 03:39*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-23D
Date Collected: 11/21/19 14:30
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-7
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	6.6	ug/L			11/24/19 04:03	8
1,1,2,2-Tetrachloroethane	ND		40	1.7	ug/L			11/24/19 04:03	8
1,1,2-Trichloroethane	ND		40	1.8	ug/L			11/24/19 04:03	8
1,1-Dichloroethene	ND		40	2.3	ug/L			11/24/19 04:03	8
1,2-Dichloroethane	ND		40	1.7	ug/L			11/24/19 04:03	8
1,2-Dichloroethene, Total	ND		80	6.5	ug/L			11/24/19 04:03	8
1,2-Dichloropropane	ND		40	5.8	ug/L			11/24/19 04:03	8
2-Butanone (MEK)	ND		80	11	ug/L			11/24/19 04:03	8
2-Hexanone	ND		80	9.9	ug/L			11/24/19 04:03	8
4-Methyl-2-pentanone (MIBK)	ND		80	17	ug/L			11/24/19 04:03	8
Acetone	ND		80	24	ug/L			11/24/19 04:03	8
Benzene	ND		40	3.3	ug/L			11/24/19 04:03	8
Bromodichloromethane	ND		40	3.1	ug/L			11/24/19 04:03	8
Bromoform	ND		40	2.1	ug/L			11/24/19 04:03	8
Bromomethane	ND		80	5.5	ug/L			11/24/19 04:03	8
Carbon disulfide	ND		40	1.5	ug/L			11/24/19 04:03	8
Carbon tetrachloride	ND		40	2.2	ug/L			11/24/19 04:03	8
Chlorobenzene	ND		40	6.0	ug/L			11/24/19 04:03	8
Chloroethane	ND		80	2.6	ug/L			11/24/19 04:03	8
Chloroform	ND		40	2.7	ug/L			11/24/19 04:03	8
Chloromethane	ND		80	2.8	ug/L			11/24/19 04:03	8
cis-1,3-Dichloropropene	ND		40	2.9	ug/L			11/24/19 04:03	8
Dibromochloromethane	ND		40	2.6	ug/L			11/24/19 04:03	8
Ethylbenzene	ND		40	5.9	ug/L			11/24/19 04:03	8
Methylene Chloride	**34**	**J B**	40	3.5	ug/L			11/24/19 04:03	8
Styrene	ND		40	5.8	ug/L			11/24/19 04:03	8
Tetrachloroethene	ND		40	2.9	ug/L			11/24/19 04:03	8
Toluene	ND		40	4.1	ug/L			11/24/19 04:03	8
trans-1,3-Dichloropropene	ND		40	3.0	ug/L			11/24/19 04:03	8
Trichloroethene	**320**		40	3.7	ug/L			11/24/19 04:03	8
Vinyl acetate	ND		80	6.8	ug/L			11/24/19 04:03	8
Vinyl chloride	ND		80	7.2	ug/L			11/24/19 04:03	8
Xylenes, Total	ND		80	5.3	ug/L			11/24/19 04:03	8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*108*		*77 - 120*		*11/24/19 04:03*	*8*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*11/24/19 04:03*	*8*
Toluene-d8 (Surr)	*95*		*80 - 120*		*11/24/19 04:03*	*8*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: SW-1
Date Collected: 11/21/19 15:30
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-8
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			11/24/19 04:27	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/24/19 04:27	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/24/19 04:27	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/24/19 04:27	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/24/19 04:27	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/24/19 04:27	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/24/19 04:27	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/24/19 04:27	1
2-Hexanone	ND		10	1.2	ug/L			11/24/19 04:27	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/24/19 04:27	1
Acetone	ND		10	3.0	ug/L			11/24/19 04:27	1
Benzene	ND		5.0	0.41	ug/L			11/24/19 04:27	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/24/19 04:27	1
Bromoform	ND		5.0	0.26	ug/L			11/24/19 04:27	1
Bromomethane	ND		10	0.69	ug/L			11/24/19 04:27	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/24/19 04:27	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/24/19 04:27	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/24/19 04:27	1
Chloroethane	ND		10	0.32	ug/L			11/24/19 04:27	1
Chloroform	ND		5.0	0.34	ug/L			11/24/19 04:27	1
Chloromethane	ND		10	0.35	ug/L			11/24/19 04:27	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/24/19 04:27	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/24/19 04:27	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/24/19 04:27	1
Methylene Chloride	**0.48**	**J B**	5.0	0.44	ug/L			11/24/19 04:27	1
Styrene	ND		5.0	0.73	ug/L			11/24/19 04:27	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/24/19 04:27	1
Toluene	ND		5.0	0.51	ug/L			11/24/19 04:27	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/24/19 04:27	1
Trichloroethene	ND		5.0	0.46	ug/L			11/24/19 04:27	1
Vinyl acetate	ND		10	0.85	ug/L			11/24/19 04:27	1
Vinyl chloride	ND		10	0.90	ug/L			11/24/19 04:27	1
Xylenes, Total	ND		10	0.66	ug/L			11/24/19 04:27	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*11/24/19 04:27*	*1*
4-Bromofluorobenzene (Surr)	*92*		*73 - 120*		*11/24/19 04:27*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*11/24/19 04:27*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: TRIP BLANK

Date Collected: 11/21/19 10:00
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			11/24/19 04:52	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/24/19 04:52	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/24/19 04:52	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/24/19 04:52	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/24/19 04:52	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/24/19 04:52	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/24/19 04:52	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/24/19 04:52	1
2-Hexanone	ND		10	1.2	ug/L			11/24/19 04:52	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/24/19 04:52	1
Acetone	ND		10	3.0	ug/L			11/24/19 04:52	1
Benzene	ND		5.0	0.41	ug/L			11/24/19 04:52	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/24/19 04:52	1
Bromoform	ND		5.0	0.26	ug/L			11/24/19 04:52	1
Bromomethane	ND		10	0.69	ug/L			11/24/19 04:52	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/24/19 04:52	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/24/19 04:52	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/24/19 04:52	1
Chloroethane	ND		10	0.32	ug/L			11/24/19 04:52	1
Chloroform	ND		5.0	0.34	ug/L			11/24/19 04:52	1
Chloromethane	ND		10	0.35	ug/L			11/24/19 04:52	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/24/19 04:52	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/24/19 04:52	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/24/19 04:52	1
Methylene Chloride	**1.2**	**J B**	5.0	0.44	ug/L			11/24/19 04:52	1
Styrene	ND		5.0	0.73	ug/L			11/24/19 04:52	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/24/19 04:52	1
Toluene	ND		5.0	0.51	ug/L			11/24/19 04:52	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/24/19 04:52	1
Trichloroethene	ND		5.0	0.46	ug/L			11/24/19 04:52	1
Vinyl acetate	ND		10	0.85	ug/L			11/24/19 04:52	1
Vinyl chloride	ND		10	0.90	ug/L			11/24/19 04:52	1
Xylenes, Total	ND		10	0.66	ug/L			11/24/19 04:52	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*107*		*77 - 120*		*11/24/19 04:52*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*11/24/19 04:52*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*11/24/19 04:52*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: SD-1
Date Collected: 11/21/19 15:35
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-11
Matrix: Solid
Percent Solids: 78.5

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	6.3	0.46	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
1,1,2,2-Tetrachloroethane	ND	vs	6.3	1.0	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
1,1,2-Trichloroethane	ND	vs	6.3	0.82	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
1,1-Dichloroethene	ND	vs	6.3	0.77	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
1,2-Dichloroethane	ND	vs	6.3	0.32	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
1,2-Dichloroethene, Total	ND	vs	13	3.3	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
1,2-Dichloropropane	ND	vs	6.3	3.1	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
2-Butanone (MEK)	ND	vs	31	2.3	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
2-Hexanone	ND	vs	31	3.1	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
4-Methyl-2-pentanone (MIBK)	ND	vs	31	2.1	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Acetone	ND	vs	31	5.3	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Benzene	ND	vs	6.3	0.31	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Bromodichloromethane	ND	vs	6.3	0.84	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Bromoform	ND	* vs	6.3	3.1	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Bromomethane	ND	vs	6.3	0.57	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Carbon disulfide	ND	vs	6.3	3.1	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Carbon tetrachloride	ND	vs	6.3	0.61	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Chlorobenzene	ND	vs	6.3	0.83	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Chloroethane	ND	vs	6.3	1.4	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Chloroform	ND	* vs	6.3	0.39	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Chloromethane	ND	vs	6.3	0.38	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
cis-1,3-Dichloropropene	ND	vs	6.3	0.91	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Dibromochloromethane	ND	vs	6.3	0.81	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Ethylbenzene	ND	vs	6.3	0.43	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Methylene Chloride	**23**	**B vs**	6.3	2.9	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Styrene	ND	vs	6.3	0.31	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Tetrachloroethene	ND	vs	6.3	0.84	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Toluene	ND	vs	6.3	0.48	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
trans-1,3-Dichloropropene	ND	vs	6.3	2.8	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Trichloroethene	ND	vs	6.3	1.4	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Vinyl acetate	ND	vs	13	3.2	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Vinyl chloride	ND	vs	6.3	0.77	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1
Xylenes, Total	ND	vs	13	1.1	ug/Kg	☼	11/25/19 19:05	11/26/19 04:09	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*106*		*64 - 126*	*11/25/19 19:05*	*11/26/19 04:09*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*11/25/19 19:05*	*11/26/19 04:09*	*1*
Toluene-d8 (Surr)	*111*		*71 - 125*	*11/25/19 19:05*	*11/26/19 04:09*	*1*

Surrogate Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DCA (64-126)	BFB (72-126)	TOL (71-125)
480-163172-11	SD-1	106	103	111
LCS 480-506703/1-A	Lab Control Sample	104	110	106
MB 480-506703/2-A	Method Blank	101	108	106

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DCA (77-120)	BFB (73-120)	TOL (80-120)
480-162985-1	GW-3	98	107	104
480-162985-2	GW-5	102	105	104
480-162985-2 MS	GW-5	97	105	102
480-162985-2 MSD	GW-5	106	106	103
480-162985-3	GW-5D	108	104	100
480-162985-4	DUP	97	104	105
480-162985-5	GW-6	104	106	104
480-162985-6	GW-7	104	103	101
480-162985-7	GW-9	99	107	102
480-162985-8	GW-22	100	100	101
480-162985-9	GW-22D	95	106	103
480-162985-10	TRIP BLANK	106	108	104
480-163172-1	RW-3	105	93	91
480-163172-2	GW-10	104	96	95
480-163172-3	GW-16	106	96	95
480-163172-4	GW-16D	101	95	94
480-163172-5	GW-20	102	96	97
480-163172-6	GW-21	108	94	92
480-163172-7	GW-23D	108	95	95
480-163172-8	SW-1	100	92	93
480-163172-10	TRIP BLANK	107	95	93
LCS 480-505839/5	Lab Control Sample	100	107	105
LCS 480-506397/6	Lab Control Sample	97	96	90
MB 480-505839/7	Method Blank	102	103	106
MB 480-506397/8	Method Blank	98	95	93

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-505839/7
Matrix: Water
Analysis Batch: 505839

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			11/21/19 10:42	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/21/19 10:42	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/21/19 10:42	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/21/19 10:42	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/21/19 10:42	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/21/19 10:42	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/21/19 10:42	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/21/19 10:42	1
2-Hexanone	ND		10	1.2	ug/L			11/21/19 10:42	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/21/19 10:42	1
Acetone	ND		10	3.0	ug/L			11/21/19 10:42	1
Benzene	ND		5.0	0.41	ug/L			11/21/19 10:42	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/21/19 10:42	1
Bromoform	ND		5.0	0.26	ug/L			11/21/19 10:42	1
Bromomethane	ND		10	0.69	ug/L			11/21/19 10:42	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/21/19 10:42	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/21/19 10:42	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/21/19 10:42	1
Chloroethane	ND		10	0.32	ug/L			11/21/19 10:42	1
Chloroform	ND		5.0	0.34	ug/L			11/21/19 10:42	1
Chloromethane	ND		10	0.35	ug/L			11/21/19 10:42	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/21/19 10:42	1
Dibromochloromethane	ND		5.0	0.32	ug/L			11/21/19 10:42	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/21/19 10:42	1
Methylene Chloride	1.25	J	5.0	0.44	ug/L			11/21/19 10:42	1
Styrene	ND		5.0	0.73	ug/L			11/21/19 10:42	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/21/19 10:42	1
Toluene	ND		5.0	0.51	ug/L			11/21/19 10:42	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/21/19 10:42	1
Trichloroethene	ND		5.0	0.46	ug/L			11/21/19 10:42	1
Vinyl acetate	ND		10	0.85	ug/L			11/21/19 10:42	1
Vinyl chloride	ND		10	0.90	ug/L			11/21/19 10:42	1
Xylenes, Total	ND		10	0.66	ug/L			11/21/19 10:42	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*102*		*77 - 120*		*11/21/19 10:42*	*1*
4-Bromofluorobenzene (Surr)	*103*		*73 - 120*		*11/21/19 10:42*	*1*
Toluene-d8 (Surr)	*106*		*80 - 120*		*11/21/19 10:42*	*1*

Lab Sample ID: LCS 480-505839/5
Matrix: Water
Analysis Batch: 505839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.5		ug/L		106	73 - 126
1,1,2,2-Tetrachloroethane	25.0	26.2		ug/L		105	76 - 120
1,1,2-Trichloroethane	25.0	27.9		ug/L		112	76 - 122
1,1-Dichloroethene	25.0	27.6		ug/L		110	66 - 127

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-505839/5
Matrix: Water
Analysis Batch: 505839

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	25.0	25.2		ug/L		101	75 - 120
1,2-Dichloropropane	25.0	26.5		ug/L		106	76 - 120
2-Butanone (MEK)	125	133		ug/L		106	57 - 140
2-Hexanone	125	137		ug/L		110	65 - 127
4-Methyl-2-pentanone (MIBK)	125	133		ug/L		107	71 - 125
Acetone	125	133		ug/L		107	56 - 142
Benzene	25.0	27.2		ug/L		109	71 - 124
Bromodichloromethane	25.0	26.2		ug/L		105	80 - 122
Bromoform	25.0	27.4		ug/L		109	61 - 132
Bromomethane	25.0	24.0		ug/L		96	55 - 144
Carbon disulfide	25.0	29.5		ug/L		118	59 - 134
Carbon tetrachloride	25.0	27.9		ug/L		112	72 - 134
Chlorobenzene	25.0	27.1		ug/L		108	80 - 120
Chloroethane	25.0	24.5		ug/L		98	69 - 136
Chloroform	25.0	24.9		ug/L		100	73 - 127
Chloromethane	25.0	24.2		ug/L		97	68 - 124
cis-1,3-Dichloropropene	25.0	27.4		ug/L		110	74 - 124
Dibromochloromethane	25.0	27.1		ug/L		108	75 - 125
Ethylbenzene	25.0	27.8		ug/L		111	77 - 123
Methylene Chloride	25.0	29.5		ug/L		118	75 - 124
Styrene	25.0	26.6		ug/L		106	80 - 120
Tetrachloroethene	25.0	28.1		ug/L		112	74 - 122
Toluene	25.0	27.2		ug/L		109	80 - 122
trans-1,3-Dichloropropene	25.0	27.1		ug/L		108	80 - 120
Trichloroethene	25.0	27.4		ug/L		110	74 - 123
Vinyl acetate	50.0	54.2		ug/L		108	50 - 144
Vinyl chloride	25.0	25.4		ug/L		102	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*
Toluene-d8 (Surr)	*105*		*80 - 120*

Lab Sample ID: 480-162985-2 MS
Matrix: Water
Analysis Batch: 505839

Client Sample ID: GW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	ND		250	257		ug/L		103	73 - 126
1,1,2,2-Tetrachloroethane	ND		250	251		ug/L		101	76 - 120
1,1,2-Trichloroethane	ND		250	261		ug/L		104	76 - 122
1,1-Dichloroethene	ND		250	250		ug/L		100	66 - 127
1,2-Dichloroethane	ND		250	237		ug/L		95	75 - 120
1,2-Dichloropropane	ND		250	248		ug/L		99	76 - 120
2-Butanone (MEK)	ND		1250	1320		ug/L		106	57 - 140
2-Hexanone	ND		1250	1280		ug/L		102	65 - 127
4-Methyl-2-pentanone (MIBK)	ND		1250	1320		ug/L		106	71 - 125
Acetone	ND		1250	1210		ug/L		97	56 - 142

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-162985-2 MS
Matrix: Water
Analysis Batch: 505839

Client Sample ID: GW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MS Result	MS Qualifier	Unit	D	%Rec	%Rec. Limits
Benzene	ND		250	249		ug/L		100	71 - 124
Bromodichloromethane	ND		250	239		ug/L		96	80 - 122
Bromoform	ND		250	228		ug/L		91	61 - 132
Bromomethane	ND		250	244		ug/L		98	55 - 144
Carbon disulfide	ND		250	246		ug/L		98	59 - 134
Carbon tetrachloride	ND		250	253		ug/L		101	72 - 134
Chlorobenzene	ND		250	255		ug/L		102	80 - 120
Chloroethane	ND		250	225		ug/L		90	69 - 136
Chloroform	ND		250	232		ug/L		93	73 - 127
Chloromethane	ND		250	230		ug/L		92	68 - 124
cis-1,3-Dichloropropene	ND		250	232		ug/L		93	74 - 124
Dibromochloromethane	ND		250	236		ug/L		94	75 - 125
Ethylbenzene	ND		250	263		ug/L		105	77 - 123
Methylene Chloride	14	J B	250	287		ug/L		109	75 - 124
Styrene	ND		250	255		ug/L		102	80 - 120
Tetrachloroethene	ND		250	259		ug/L		104	74 - 122
Toluene	ND		250	254		ug/L		102	80 - 122
trans-1,3-Dichloropropene	ND		250	237		ug/L		95	80 - 120
Trichloroethene	520	F1	250	678	F1	ug/L		61	74 - 123
Vinyl acetate	ND		500	522		ug/L		104	50 - 144
Vinyl chloride	ND		250	247		ug/L		99	65 - 133

Surrogate	*MS %Recovery*	*MS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: 480-162985-2 MSD
Matrix: Water
Analysis Batch: 505839

Client Sample ID: GW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
1,1,1-Trichloroethane	ND		250	279		ug/L		112	73 - 126	8	15
1,1,2,2-Tetrachloroethane	ND		250	255		ug/L		102	76 - 120	1	15
1,1,2-Trichloroethane	ND		250	263		ug/L		105	76 - 122	1	15
1,1-Dichloroethene	ND		250	275		ug/L		110	66 - 127	10	16
1,2-Dichloroethane	ND		250	257		ug/L		103	75 - 120	8	20
1,2-Dichloropropane	ND		250	259		ug/L		104	76 - 120	5	20
2-Butanone (MEK)	ND		1250	1290		ug/L		103	57 - 140	3	20
2-Hexanone	ND		1250	1290		ug/L		103	65 - 127	1	15
4-Methyl-2-pentanone (MIBK)	ND		1250	1310		ug/L		105	71 - 125	1	35
Acetone	ND		1250	1160		ug/L		93	56 - 142	4	15
Benzene	ND		250	275		ug/L		110	71 - 124	10	13
Bromodichloromethane	ND		250	258		ug/L		103	80 - 122	8	15
Bromoform	ND		250	220		ug/L		88	61 - 132	3	15
Bromomethane	ND		250	263		ug/L		105	55 - 144	8	15
Carbon disulfide	ND		250	272		ug/L		109	59 - 134	10	15
Carbon tetrachloride	ND		250	270		ug/L		108	72 - 134	7	15

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: 480-162985-2 MSD
Matrix: Water
Analysis Batch: 505839

Client Sample ID: GW-5
Prep Type: Total/NA

Analyte	Sample Result	Sample Qualifier	Spike Added	MSD Result	MSD Qualifier	Unit	D	%Rec	%Rec. Limits	RPD	RPD Limit
Chlorobenzene	ND		250	264		ug/L		106	80 - 120	4	25
Chloroethane	ND		250	246		ug/L		98	69 - 136	9	15
Chloroform	ND		250	247		ug/L		99	73 - 127	6	20
Chloromethane	ND		250	256		ug/L		103	68 - 124	11	15
cis-1,3-Dichloropropene	ND		250	253		ug/L		101	74 - 124	9	15
Dibromochloromethane	ND		250	240		ug/L		96	75 - 125	1	15
Ethylbenzene	ND		250	270		ug/L		108	77 - 123	3	15
Methylene Chloride	14	J B	250	302		ug/L		115	75 - 124	5	15
Styrene	ND		250	258		ug/L		103	80 - 120	1	20
Tetrachloroethene	ND		250	264		ug/L		105	74 - 122	2	20
Toluene	ND		250	264		ug/L		106	80 - 122	4	15
trans-1,3-Dichloropropene	ND		250	242		ug/L		97	80 - 120	2	15
Trichloroethene	520	F1	250	736		ug/L		85	74 - 123	8	16
Vinyl acetate	ND		500	550		ug/L		110	50 - 144	5	23
Vinyl chloride	ND		250	272		ug/L		109	65 - 133	10	15

Surrogate	*MSD %Recovery*	*MSD Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*106*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Toluene-d8 (Surr)	*103*		*80 - 120*

Lab Sample ID: MB 480-506397/8
Matrix: Water
Analysis Batch: 506397

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			11/23/19 22:49	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			11/23/19 22:49	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			11/23/19 22:49	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			11/23/19 22:49	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			11/23/19 22:49	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			11/23/19 22:49	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			11/23/19 22:49	1
2-Butanone (MEK)	ND		10	1.3	ug/L			11/23/19 22:49	1
2-Hexanone	ND		10	1.2	ug/L			11/23/19 22:49	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			11/23/19 22:49	1
Acetone	ND		10	3.0	ug/L			11/23/19 22:49	1
Benzene	ND		5.0	0.41	ug/L			11/23/19 22:49	1
Bromodichloromethane	ND		5.0	0.39	ug/L			11/23/19 22:49	1
Bromoform	ND		5.0	0.26	ug/L			11/23/19 22:49	1
Bromomethane	ND		10	0.69	ug/L			11/23/19 22:49	1
Carbon disulfide	ND		5.0	0.19	ug/L			11/23/19 22:49	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			11/23/19 22:49	1
Chlorobenzene	ND		5.0	0.75	ug/L			11/23/19 22:49	1
Chloroethane	ND		10	0.32	ug/L			11/23/19 22:49	1
Chloroform	ND		5.0	0.34	ug/L			11/23/19 22:49	1
Chloromethane	ND		10	0.35	ug/L			11/23/19 22:49	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			11/23/19 22:49	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-506397/8
Matrix: Water
Analysis Batch: 506397

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Dibromochloromethane	ND		5.0	0.32	ug/L			11/23/19 22:49	1
Ethylbenzene	ND		5.0	0.74	ug/L			11/23/19 22:49	1
Methylene Chloride	2.00	J	5.0	0.44	ug/L			11/23/19 22:49	1
Styrene	ND		5.0	0.73	ug/L			11/23/19 22:49	1
Tetrachloroethene	ND		5.0	0.36	ug/L			11/23/19 22:49	1
Toluene	ND		5.0	0.51	ug/L			11/23/19 22:49	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			11/23/19 22:49	1
Trichloroethene	ND		5.0	0.46	ug/L			11/23/19 22:49	1
Vinyl acetate	ND		10	0.85	ug/L			11/23/19 22:49	1
Vinyl chloride	ND		10	0.90	ug/L			11/23/19 22:49	1
Xylenes, Total	ND		10	0.66	ug/L			11/23/19 22:49	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*11/23/19 22:49*	*1*
4-Bromofluorobenzene (Surr)	*95*		*73 - 120*		*11/23/19 22:49*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*11/23/19 22:49*	*1*

Lab Sample ID: LCS 480-506397/6
Matrix: Water
Analysis Batch: 506397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	25.4		ug/L		101	73 - 126
1,1,2,2-Tetrachloroethane	25.0	22.9		ug/L		91	76 - 120
1,1,2-Trichloroethane	25.0	21.9		ug/L		88	76 - 122
1,1-Dichloroethene	25.0	23.1		ug/L		92	66 - 127
1,2-Dichloroethane	25.0	23.0		ug/L		92	75 - 120
1,2-Dichloropropane	25.0	23.7		ug/L		95	76 - 120
2-Butanone (MEK)	125	125		ug/L		100	57 - 140
2-Hexanone	125	126		ug/L		100	65 - 127
4-Methyl-2-pentanone (MIBK)	125	121		ug/L		97	71 - 125
Acetone	125	115		ug/L		92	56 - 142
Benzene	25.0	23.8		ug/L		95	71 - 124
Bromodichloromethane	25.0	25.0		ug/L		100	80 - 122
Bromoform	25.0	22.9		ug/L		92	61 - 132
Bromomethane	25.0	22.2		ug/L		89	55 - 144
Carbon disulfide	25.0	23.1		ug/L		93	59 - 134
Carbon tetrachloride	25.0	25.8		ug/L		103	72 - 134
Chlorobenzene	25.0	22.6		ug/L		90	80 - 120
Chloroethane	25.0	21.9		ug/L		87	69 - 136
Chloroform	25.0	25.0		ug/L		100	73 - 127
Chloromethane	25.0	19.2		ug/L		77	68 - 124
cis-1,3-Dichloropropene	25.0	24.3		ug/L		97	74 - 124
Dibromochloromethane	25.0	25.5		ug/L		102	75 - 125
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
Methylene Chloride	25.0	27.9		ug/L		112	75 - 124
Styrene	25.0	23.4		ug/L		94	80 - 120
Tetrachloroethene	25.0	22.9		ug/L		92	74 - 122

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-506397/6
Matrix: Water
Analysis Batch: 506397

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Toluene	25.0	22.7		ug/L		91	80 - 122
trans-1,3-Dichloropropene	25.0	23.9		ug/L		96	80 - 120
Trichloroethene	25.0	23.2		ug/L		93	74 - 123
Vinyl acetate	50.0	51.1		ug/L		102	50 - 144
Vinyl chloride	25.0	20.6		ug/L		82	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*
4-Bromofluorobenzene (Surr)	*96*		*73 - 120*
Toluene-d8 (Surr)	*90*		*80 - 120*

Lab Sample ID: MB 480-506703/2-A
Matrix: Solid
Analysis Batch: 506706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 506703

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
1,2-Dichloroethene, Total	ND		10	2.6	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
2-Hexanone	ND		25	2.5	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Acetone	ND		25	4.2	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Benzene	ND		5.0	0.25	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Bromodichloromethane	3.14	J	5.0	0.67	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Bromoform	ND		5.0	2.5	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Bromomethane	ND		5.0	0.45	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Chloroethane	ND		5.0	1.1	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Chloroform	12.0		5.0	0.31	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Chloromethane	ND		5.0	0.30	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Dibromochloromethane	1.97	J	5.0	0.64	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Methylene Chloride	35.2		5.0	2.3	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Styrene	ND		5.0	0.25	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Toluene	ND		5.0	0.38	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Trichloroethene	ND		5.0	1.1	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Vinyl acetate	ND		10	2.5	ug/Kg		11/25/19 19:05	11/26/19 01:10	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		11/25/19 19:05	11/26/19 01:10	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-506703/2-A
Matrix: Solid
Analysis Batch: 506706

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 506703

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Xylenes, Total	ND		10	0.84	ug/Kg		11/25/19 19:05	11/26/19 01:10	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*64 - 126*	*11/25/19 19:05*	*11/26/19 01:10*	*1*
4-Bromofluorobenzene (Surr)	*108*		*72 - 126*	*11/25/19 19:05*	*11/26/19 01:10*	*1*
Toluene-d8 (Surr)	*106*		*71 - 125*	*11/25/19 19:05*	*11/26/19 01:10*	*1*

Lab Sample ID: LCS 480-506703/1-A
Matrix: Solid
Analysis Batch: 506706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 506703

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	52.0		ug/Kg		104	77 - 121
1,1,2,2-Tetrachloroethane	50.0	53.5		ug/Kg		107	80 - 120
1,1,2-Trichloroethane	50.0	54.7		ug/Kg		109	78 - 122
1,1-Dichloroethene	50.0	53.7		ug/Kg		107	59 - 125
1,2-Dichloroethane	50.0	52.1		ug/Kg		104	77 - 122
1,2-Dichloropropane	50.0	52.5		ug/Kg		105	75 - 124
2-Butanone (MEK)	250	272		ug/Kg		109	70 - 134
2-Hexanone	250	282		ug/Kg		113	59 - 130
4-Methyl-2-pentanone (MIBK)	250	273		ug/Kg		109	65 - 133
Acetone	250	254		ug/Kg		102	61 - 137
Benzene	50.0	53.2		ug/Kg		106	79 - 127
Bromodichloromethane	50.0	55.3		ug/Kg		111	80 - 122
Bromoform	50.0	63.3	*	ug/Kg		127	68 - 126
Bromomethane	50.0	53.2		ug/Kg		106	37 - 149
Carbon disulfide	50.0	51.5		ug/Kg		103	64 - 131
Carbon tetrachloride	50.0	55.4		ug/Kg		111	75 - 135
Chlorobenzene	50.0	53.6		ug/Kg		107	76 - 124
Chloroethane	50.0	53.1		ug/Kg		106	69 - 135
Chloroform	50.0	60.5	*	ug/Kg		121	80 - 120
Chloromethane	50.0	51.8		ug/Kg		104	63 - 127
cis-1,3-Dichloropropene	50.0	52.1		ug/Kg		104	80 - 120
Dibromochloromethane	50.0	58.0		ug/Kg		116	76 - 125
Ethylbenzene	50.0	53.6		ug/Kg		107	80 - 120
Methylene Chloride	50.0	60.2		ug/Kg		120	61 - 127
Styrene	50.0	52.6		ug/Kg		105	80 - 120
Tetrachloroethene	50.0	56.7		ug/Kg		113	74 - 122
Toluene	50.0	52.9		ug/Kg		106	74 - 128
trans-1,3-Dichloropropene	50.0	54.4		ug/Kg		109	73 - 123
Trichloroethene	50.0	52.4		ug/Kg		105	77 - 129
Vinyl acetate	100	113		ug/Kg		113	53 - 134
Vinyl chloride	50.0	53.1		ug/Kg		106	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*104*		*64 - 126*
4-Bromofluorobenzene (Surr)	*110*		*72 - 126*
Toluene-d8 (Surr)	*106*		*71 - 125*

GC/MS VOA

Analysis Batch: 505839

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-162985-1	GW-3	Total/NA	Water	8260C	
480-162985-2	GW-5	Total/NA	Water	8260C	
480-162985-3	GW-5D	Total/NA	Water	8260C	
480-162985-4	DUP	Total/NA	Water	8260C	
480-162985-5	GW-6	Total/NA	Water	8260C	
480-162985-6	GW-7	Total/NA	Water	8260C	
480-162985-7	GW-9	Total/NA	Water	8260C	
480-162985-8	GW-22	Total/NA	Water	8260C	
480-162985-9	GW-22D	Total/NA	Water	8260C	
480-162985-10	TRIP BLANK	Total/NA	Water	8260C	
MB 480-505839/7	Method Blank	Total/NA	Water	8260C	
LCS 480-505839/5	Lab Control Sample	Total/NA	Water	8260C	
480-162985-2 MS	GW-5	Total/NA	Water	8260C	
480-162985-2 MSD	GW-5	Total/NA	Water	8260C	

Analysis Batch: 506397

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163172-1	RW-3	Total/NA	Water	8260C	
480-163172-2	GW-10	Total/NA	Water	8260C	
480-163172-3	GW-16	Total/NA	Water	8260C	
480-163172-4	GW-16D	Total/NA	Water	8260C	
480-163172-5	GW-20	Total/NA	Water	8260C	
480-163172-6	GW-21	Total/NA	Water	8260C	
480-163172-7	GW-23D	Total/NA	Water	8260C	
480-163172-8	SW-1	Total/NA	Water	8260C	
480-163172-10	TRIP BLANK	Total/NA	Water	8260C	
MB 480-506397/8	Method Blank	Total/NA	Water	8260C	
LCS 480-506397/6	Lab Control Sample	Total/NA	Water	8260C	

Prep Batch: 506703

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163172-11	SD-1	Total/NA	Solid	5035A_L	
MB 480-506703/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-506703/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 506706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163172-11	SD-1	Total/NA	Solid	8260C	506703
MB 480-506703/2-A	Method Blank	Total/NA	Solid	8260C	506703
LCS 480-506703/1-A	Lab Control Sample	Total/NA	Solid	8260C	506703

General Chemistry

Analysis Batch: 506696

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-163172-11	SD-1	Total/NA	Solid	Moisture	

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-3
Date Collected: 11/20/19 14:00
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	505839	11/21/19 14:49	CRL	TAL BUF

Client Sample ID: GW-5
Date Collected: 11/20/19 12:35
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	505839	11/21/19 15:12	CRL	TAL BUF

Client Sample ID: GW-5D
Date Collected: 11/20/19 12:25
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	505839	11/21/19 15:35	CRL	TAL BUF

Client Sample ID: DUP
Date Collected: 11/20/19 12:25
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	505839	11/21/19 15:58	CRL	TAL BUF

Client Sample ID: GW-6
Date Collected: 11/20/19 14:12
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	505839	11/21/19 16:21	CRL	TAL BUF

Client Sample ID: GW-7
Date Collected: 11/20/19 13:42
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	505839	11/21/19 16:44	CRL	TAL BUF

Client Sample ID: GW-9
Date Collected: 11/20/19 14:05
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	505839	11/21/19 17:07	CRL	TAL BUF

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-22
Date Collected: 11/20/19 13:30
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	505839	11/21/19 17:30	CRL	TAL BUF

Client Sample ID: GW-22D
Date Collected: 11/20/19 13:40
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-9
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	505839	11/21/19 17:53	CRL	TAL BUF

Client Sample ID: TRIP BLANK
Date Collected: 11/20/19 10:00
Date Received: 11/20/19 16:10

Lab Sample ID: 480-162985-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	505839	11/21/19 18:16	CRL	TAL BUF

Client Sample ID: RW-3
Date Collected: 11/21/19 14:25
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	506397	11/24/19 01:38	S1V	TAL BUF

Client Sample ID: GW-10
Date Collected: 11/21/19 14:35
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	506397	11/24/19 02:03	S1V	TAL BUF

Client Sample ID: GW-16
Date Collected: 11/21/19 14:50
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	506397	11/24/19 02:27	S1V	TAL BUF

Client Sample ID: GW-16D
Date Collected: 11/21/19 14:55
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	506397	11/24/19 02:51	S1V	TAL BUF

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Client Sample ID: GW-20
Date Collected: 11/21/19 15:15
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	506397	11/24/19 03:15	S1V	TAL BUF

Client Sample ID: GW-21
Date Collected: 11/21/19 15:20
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	506397	11/24/19 03:39	S1V	TAL BUF

Client Sample ID: GW-23D
Date Collected: 11/21/19 14:30
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	506397	11/24/19 04:03	S1V	TAL BUF

Client Sample ID: SW-1
Date Collected: 11/21/19 15:30
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-8
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	506397	11/24/19 04:27	S1V	TAL BUF

Client Sample ID: TRIP BLANK
Date Collected: 11/21/19 10:00
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-10
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	506397	11/24/19 04:52	S1V	TAL BUF

Client Sample ID: SD-1
Date Collected: 11/21/19 15:35
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-11
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	506696	11/25/19 18:12	BAS	TAL BUF

Client Sample ID: SD-1
Date Collected: 11/21/19 15:35
Date Received: 11/21/19 17:45

Lab Sample ID: 480-163172-11
Matrix: Solid
Percent Solids: 78.5

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			506703	11/25/19 19:05	CDC	TAL BUF
Total/NA	Analysis	8260C		1	506706	11/26/19 04:09	WJD	TAL BUF

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	03-31-20

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,2-Dichloroethene, Total
8260C	5035A_L	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
5035A_L	Closed System Purge and Trap	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-162985-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-162985-1	GW-3	Water	11/20/19 14:00	11/20/19 16:10	
480-162985-2	GW-5	Water	11/20/19 12:35	11/20/19 16:10	
480-162985-3	GW-5D	Water	11/20/19 12:25	11/20/19 16:10	
480-162985-4	DUP	Water	11/20/19 12:25	11/20/19 16:10	
480-162985-5	GW-6	Water	11/20/19 14:12	11/20/19 16:10	
480-162985-6	GW-7	Water	11/20/19 13:42	11/20/19 16:10	
480-162985-7	GW-9	Water	11/20/19 14:05	11/20/19 16:10	
480-162985-8	GW-22	Water	11/20/19 13:30	11/20/19 16:10	
480-162985-9	GW-22D	Water	11/20/19 13:40	11/20/19 16:10	
480-162985-10	TRIP BLANK	Water	11/20/19 10:00	11/20/19 16:10	
480-163172-1	RW-3	Water	11/21/19 14:25	11/21/19 17:45	
480-163172-2	GW-10	Water	11/21/19 14:35	11/21/19 17:45	
480-163172-3	GW-16	Water	11/21/19 14:50	11/21/19 17:45	
480-163172-4	GW-16D	Water	11/21/19 14:55	11/21/19 17:45	
480-163172-5	GW-20	Water	11/21/19 15:15	11/21/19 17:45	
480-163172-6	GW-21	Water	11/21/19 15:20	11/21/19 17:45	
480-163172-7	GW-23D	Water	11/21/19 14:30	11/21/19 17:45	
480-163172-8	SW-1	Water	11/21/19 15:30	11/21/19 17:45	
480-163172-10	TRIP BLANK	Water	11/21/19 10:00	11/21/19 17:45	
480-163172-11	SD-1	Solid	11/21/19 15:35	11/21/19 17:45	

urofins TestAmerica, Buffalo
Hazelwood Drive
herst, NY 14228-2298
one (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

eurofins

480-162985 Chain of Custody

ient Information

nt Contact: . Rich Gnat	Sampler: TB/EA	Lab PM: Fischer, Brian J
	Phone:	E-Mail: brian.fischer@testamericainc.com
mpany: RG and Associates, Inc.		
dress: 565 West Lisbon Road, Suite 1A	Due Date Requested:	
: ookfield	TAT Requested (days):	
te, Zip: , 53005		
one: 2-781-0475(Tel)	PO #: Purchase Order not required	
ail: hardg@kprginc.com	WO #:	
ject Name: achias site	Project #: 48004429	
:	SSOW#:	

Analysis Reques

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

mple Identification	Sample Date	Sample Time	Sample Type (C=comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	8260C - (MOD) TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N		
V-3	11/20/19	1400	G	Water			3			
V-5	11/20/19	1235	G	Water			3			
V-5D	11/20/19	1225	G	Water			3			DUP Taken
P	11/20/19	1225	G	Water			3			Taken @ GW-5D
V-6	11/20/19	1412	G	Water			3			
V-7	11/20/19	1342	G	Water			3			
V-9	11/20/19	1405	G	Water			3			
V-22	11/20/19	1330	G	Water			3			
V-22D	11/20/19	1340	G	Water			3			
Blank	11/20/19	1000	G	Water			1			

sible Hazard Identification

Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)

☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

erable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

y Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time:	Company	Received by:	Date/Time:	Company
uished by:	11-20-19/1610	TAL		11/20/19 1610	TAL
uished by:	Date/Time:	Company	Received by:	Date/Time:	Company
ished by:	Date/Time:	Company	Received by:	Date/Time:	Company

dy Seals Intact: Yes Δ No	Custody Seal No.:	Cooler Temperature(s) °C and Other Remarks: 3.6 #1

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone (716) 691-2600 Fax (716) 691-7991

Chain of Custody Record

eurofins | Environment Testing TestAmerica

Client Information	Sampler: TB/EA	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-117875-27161.1
Client Contact: Mr. Rich Gnat	Phone:	E-Mail: brian.fischer@testamericainc.com		Page: Page 1 of 1
Company: KPRG and Associates, Inc.				Job #:
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005				
Phone: 262-781-0475(Tel)	PO #: Purchase Order not required			
Email: richardg@kprginc.com	WO #:			
Project Name: Machias site	Project #: 48004429			
Site:	SSOW#:			

480-163172 Chain of Custody

Analysis Requested

I - Ice; J - DI Water; K - EDTA; L - EDA; T - TSP Dodecahydrate; U - Acetone; V - MCAA; W - pH 4-5; Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	8260C - (MOD) TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N		
RW-3	11/21/19	1425	G	Water			3			
GW-10	11/21/19	1435	G	Water			3			
GW-16	11/21/19	1450	G	Water			3			
GW-16D	11/21/19	1455	G	Water			3			
GW-20	11/21/19	1515	G	Water			3			
GW-21	11/21/19	1520	G	Water			3			
GW-23D	11/21/19	1430	G	Water			3			
SW-1	11/21/19	1530	G	Water			3			
SD-1	11/21/19	1535	G	Water				1		
TRIP BLANK	11/21/19	1000	G	Water			1			

Possible Hazard Identification
☐ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☐ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
[signature]	11-21-19/1745	TAL	[signature]	11/21/19 1745	TAS
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.: | Cooler Temperature(s) °C and Other Remarks: #1 3.4

Ver: 01/16/2019

November 23, 2019

Mr. Rich Gnat
K P R G & Assoc, Inc.
14665 West Lisbon Rd. Ste 2B
Brookfield, Wisconsin 53005

RE: Machias Gravel Pit Sampling Report

Dear Mr. Gnat:

Please find enclosed the Machias Gravel Pit sampling field forms. Sampling took place on November 20-21, 2019. Sample points were as follows: fourteen monitoring wells, one residential well, one surface water/sediment sample taken from Ishua Creek. Sample point measurements and observations can be noted in the Field Observation and Well Information Tables. The sampling was conducted by Test America Laboratory, Inc. personnel: Tim Bly and Evan Angelo.

We thank you for the opportunity to be of service. Please contact the undersigned with any questions or additional information you may require at (716) 807-8730.

Sincerely,
TEST AMERICA LABORATORIES, INC

Timothy Bly
Manager-Field Services

Sampling Summary Table KPRG and Associates, Inc. Machias Site- Machias, NY											
Sample Point	Casing Elevation	Purge Date	WL Time	Well Depth	Depth to Water	GW Elevation	Sample Date	Sample Time	pH	SPEC. COND	Temp (°C)
GW-3	1740.02	11/20/2019	1010	58.74	50.59	1689.43	11/20/2019	1400	7.36	797.4	7.5
GW-5	1741.50	11/20/2019	1000	54.7	49.23	1692.27	11/20/2019	1235	7.36	525	8.9
GW-5D	1741.80	11/20/2019	1003	98.85	51.39	1690.41	11/20/2019	1225	7.82	408	8.5
GW-6	1739.88	11/20/2019	1010	56.42	49.45	1690.43	11/20/2019	1412	7.32	1005	8.7
GW-7	1729.16	11/20/2019	1015	46.85	40.11	1689.05	11/20/2019	1342	7.42	585	8.6
GW-9	1748.63	11/20/2019	1006	58.74	58.6	1690.03	11/20/2019	1405	7.25	711	8.4
GW-10	1701.58	11/21/2019	1035	18.73	12.3	1689.28	11/21/2019	1435	7.29	850	9.7
GW-16	1691.54	11/21/2019	1030	16.52	10.2	1681.34	11/21/2019	1450	7.48	642.9	10.5
GW-16D	1691.54	11/21/2019	1033	26.98	9.08	1682.46	11/21/2019	1455	7.55	592	9.5
GW-20	1680.92	11/21/2019	1025	12.57	3	1677.92	11/21/2019	1515	7.6	527	7.8
GW-21	1683.58	11/21/2019	1021	12.65	6.78	1676.8	11/21/2019	1520	7.22	981	8.9
GW-22	1740.08	11/20/2019	1002	58.45	49.06	1691.02	11/20/2019	1330	7.67	552	8
GW-22D	1739.72	11/20/2019	1005	79.25	49.29	1690.43	11/20/2019	1340	7.28	596	8
GW-23D	1700.21	11/21/2019	1030	42.57	11.3	1688.91	11/21/2019	1430	7.53	532	9.6
RW-3	1693.51	11/21/2019	1025	15.54	5.64	1687.87	11/21/2019	1425	7.79	327	9.8
SW-1			NA		NA		11/21/2019	1530	7.6	174	4
SED-1			NA		NA		11/21/2019	1535			

FIELD OBSERVATIONS

Facility: Mathias

Sample Point ID: GW-3

Field Personnel: TB/EA

Sample Matrix: GW

MONITORTING WELL INSPECTION:

Date/Time 11/20/19 / 1250

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____

Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): % Gas: / % LEL: /

Vol. Organic Meter (Calibration/Reading): Volatiles (ppm): /

PURGE INFORMATION:

Date / Time Initiated: 11/20/19 / 1255

Date / Time Completed: 11/20/19 / 1310

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 50.59

Elevation. G/W MSL: ____

Well Total Depth, Feet: 58.74

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: 1.33 Gallons

Dedicated: (Y) / N

Total Volume Purged, Gal: 3.9 Gallons

Purged To Dryness Y / (N)

Purge Observations: Cloudy

Start Cloudy Finish Cloudy

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1300		1.3	8.3	7.35	695.1		49.18	
1305		2.6	7.8	7.41	771.5			
1310		3.9	8.5	7.37	794.9			

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FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-3

Date/Time 11-20-19 / 1400 **Water Level @ Sampling, Feet:** 49.19

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (x) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1400	7.5	7.36	797.4		49.19	

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 41°F Cloudy NE 6mph

Sample Characteristics: Cloudy + Light Brown Odor

COMMENTS AND OBSERVATIONS:

~~58.57~~ - 58.74 - 50.59 = 8.15 x 0.1632 = 1.33

purged 3.9 gallons

Sampled @ 1400 11/20/19

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/20/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Machias **Sample Point ID:** GW-5

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORING WELL INSPECTION:

Date/Time 11/20/19 / 1115 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time Initiated: 11/20/19 / 1211 **Date / Time Completed:** 11/20/19 / 1222

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 49.23 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 54.70 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 0.89 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 3.0 **Purged To Dryness** Y / (N)

Purge Observations: ____ **Start** Clear **Finish** St. Purged

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1214		1.0	8.9	7.52	513			
1218		2.0	8.7	7.56	522			
1222		3.0	9.0	7.41	526			

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FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-5

Date/Time 11-20-19 / 1235 **Water Level @ Sampling, Feet:** 49.12

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (x) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1235	8.9	7.36	525			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 38°F cloudy

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS:

purged 3.0 gal

Sampled @ 1235

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/20/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Mathias **Sample Point ID:** GW-5D

Field Personnel: JB/EA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11/20/19 / 1114 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** /

PURGE INFORMATION:

Date / Time Initiated: 11/20/19 / 1116 **Date / Time Completed:** 11/20/19 / 1215

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 51.39 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 98.85 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 7.75 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 22.50 **Purged To Dryness** Y / (N)

Purge Observations: ____ **Start** Clear **Finish** Clear

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1135		7.75	9.0	7.82	380			
1155		~~7.8~~ 15.50	8.7	7.81	397			
1215		22.50	8.7	7.84	402			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-5D

Date/Time 11-20-19 / 1225 **Water Level @ Sampling, Feet:** 50.04

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (x) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1225	8.5	7.82	408			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 38°F cloudy

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS:

purged 22.5gal

Sampled @ 1225 DUP TAKEN

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/20/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Machias **Sample Point ID:** GW-6

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11/20/19 1320 **Cond of seal:** (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (Y) Good ( ) Loose ( ) Flush Mount (Y) Damaged Hinge on cap is rusted through

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** /

PURGE INFORMATION:

Date / Time Initiated: 11/20/19 / 1320 **Date / Time Completed:** 11/20/19 / 1333

Surf. Meas. Pt: ( ) Prot. Casing (Y) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 49.45 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 56.42 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.14 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 3.5 **Purged To Dryness** Y / (N)

Purge Obeservations: ____ **Start** clear **Finish** Turbid

PURGE DATA: (if applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1324		1.20	8.6	7.38	995			
1328		2.40	8.8	7.26	991			
1333		3.50	8.9	7.27	1001			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-6

Date/Time 11-20-19 1412 **Water Level @ Sampling, Feet:** 49.43

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (x) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1412	8.7	7.32	1005			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 38°F Cloudy

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS:

purged 3.5 gal

Sampled @ 1412

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/20/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Machias

Sample Point ID: GW-7

Field Personnel: TB/EA

Sample Matrix: GW

MONITORING WELL INSPECTION:

Date/Time 11/20/19 / 1200

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____

Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose (X) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): % Gas: / % LEL: /

Vol. Organic Meter (Calibration/Reading): Volatiles (ppm): /

PURGE INFORMATION:

Date / Time Initiated: 11/20/19 / 1205

Date / Time Completed: 11/20/19 / 1220

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser

Riser Diameter, inches: 2.0

Initial Water Level, Feet: 40.11'

Elevation. G/W MSL: ____

Well Total Depth, Feet: 46.85'

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: 0.989 gall

Dedicated: (Y) / N

Total Volume Purged, Gal: ____

Purged To Dryness Y / (N)

Purge Observations: Brown & Cloudy

Start turbid Finish turbid

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1210		1.0	8.6	7.52	[illegible]		40.17	
1215		2.0	8.5	7.50	980.3		40.18	
1220		3.0	8.5	7.47	583.0		40.18	

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FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-7

Date/Time 11-20-19 / 1342 **Water Level @ Sampling, Feet:** 42.42

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (x) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1342	8.6	7.42	585			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 38°F/cloudy

Sample Characteristics: turbid/orange tint

COMMENTS AND OBSERVATIONS:

46.85 - 40.11 = 6.74 x 0.1632 = 0.889 gal

purged 3.0 gal

sampled @ 1342

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/20/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Mathias

Sample Point ID: GW-9

Field Personnel: TR/EA

Sample Matrix: GW

MONITORING WELL INSPECTION:

Date/Time 11/20/19 1242

Cond of seal: (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____

Cond of prot. Casing/riser: ( ) Unlocked (Y) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** /

PURGE INFORMATION:

Date / Time Initiated: 11/20/19 / 1245

Date / Time Completed: 11/20/19 / 1255

Surf. Meas. Pt: ( ) Prot. Casing (Y) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 58.60

Elevation. G/W MSL: ____

Well Total Depth, Feet: 62.64

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: 0.66

Dedicated: (Y) / N

Total Volume Purged, Gal: 2.25

Purged To Dryness Y / (N)

Purge Observations: Strong odor

Start clear **Finish** clear

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1249		0.75	8.8	7.22	712			
1252		1.50	8.8	7.16	709			
1255		2.25	8.9	7.18	710			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-9

Date/Time 11-20-19 / 1405 **Water Level @ Sampling, Feet:** 57.58

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (x) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1405	8.4	7.25	711			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 38°F cloudy

Sample Characteristics: clear, strong odor

COMMENTS AND OBSERVATIONS:

purged 2.25gal

sampled @ 1405

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/20/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Madison | Sample Point ID: GW-10

Field Personnel: TB, EA | Sample Matrix: GW

MONITORING WELL INSPECTION:

Date/Time 11-21-19 / 1244 | Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ | Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): % Gas: / | % LEL: /

Vol. Organic Meter (Calibration/Reading): | Volatiles (ppm): /

PURGE INFORMATION:

Date / Time Initiated: 11-21-19 / 1245 | Date / Time Completed: 11-21-19 / 1256

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser | Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 12.30 | Elevation. G/W MSL: ____

Well Total Depth, Feet: 18.73 | Method of Well Purge: Bailer

One (1) Riser Volume, Gal: 1.05 | Dedicated: (Y) / N

Total Volume Purged, Gal: 3.00 | Purged To Dryness Y / (N)

Purge Observations: ____ | Start turbid Finish Orange

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
12:48		1.0	9.6	7.35	828			
1252		2.0	9.5	7.35	833			
1256		3.0	9.3	7.30	830			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-10

Date/Time 11-21-19 1435 **Water Level @ Sampling, Feet:** 12.29

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (N) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1435	9.7	7.29	49.5			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 43°F cloudy

Sample Characteristics: TURBID / ORANGE-LB.

COMMENTS AND OBSERVATIONS:

Sampled @ 1435

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/21/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Madras **Sample Point ID:** GW-16

Field Personnel: TB, EA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11-21-19 / 1120 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** ____ / ____ **% LEL:** ____ / ____

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** ____ / ____

PURGE INFORMATION:

Date / Time Initiated: 11-21-19 / 1120 **Date / Time Completed:** 11-21-19 / 1130

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 10.20 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 16.52 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.03 gallons **Dedicated:** (Y) / N

Total Volume Purged, Gal: 3.10 **Purged To Dryness** Y / (N)

Purge Observations: Cloudy Brown **Start** Cloudy Light Brown **Finish** Cloudy DARK Brown

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1123		1.03	11.1	6.52	7155			
1126		2.06	10.9	7.31	639			
1129		3.09	10.6	7.22	642.6			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID ~~GW-1450~~ GW-16

Date/Time 11-21-19 / 1450 **Water Level @ Sampling, Feet:** 10.22

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (N) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1450	10.5	7.48	642.9			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 43°F cloudy

Sample Characteristics: Dark Brown Cloudy

COMMENTS AND OBSERVATIONS:

1452 - 10.20 = 6.32 x 0.1632 = 1.032 gallons

Sampled @ 1450

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/21/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Malmas

Sample Point ID: GW-14D

Field Personnel: JB/EA

Sample Matrix: GW

MONITORTING WELL INSPECTION:

Date/Time 11/21/19 / 1145

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____

Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** /

PURGE INFORMATION:

Date / Time Initiated: 11/21/19 / 1145

Date / Time Completed: 11/20/19 / 1205

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 9.08

Elevation G/W MSL: ____

Well Total Depth, Feet: 36.98

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: 4.55 g

Dedicated: (Y) N

Total Volume Purged, Gal: 13.5 g

Purged To Dryness Y / (N)

Purge Observations: Cloudy

Start Turbid/Brown **Finish** Turbid/Brown

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1150		4.55	9.3	7.82	587.0			
1157		9.1	9.1	7.81	590.6			
1205		13.5	8.9	7.79	590.5			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-16D

Date/Time 11/20/19 , 1455 **Water Level @ Sampling, Feet:** 8.81

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1455	9.5	7.55	592.0			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 41° cloudy

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS:

36.98 - 9.08 = 27.90 x 0.1632 = 4.55

PURGED: 13.5g

SAMPLED @ 1455

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/21/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Machias **Sample Point ID:** GW-20

Field Personnel: TB, EA **Sample Matrix:** GW

MONITORING WELL INSPECTION:

Date/Time 11-21-19 / 1400 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time Initiated: 11-21-19 / 1400 **Date / Time Completed:** 11-21-19 / 1415

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 3.00 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 12.57 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.56 gallons **Dedicated:** (Y) / N

Total Volume Purged, Gal: 4.5 gallon **Purged To Dryness** Y / (N)

Purge Observations: Slightly TURBID **Start** [redacted] **Finish** Slightly TURBID

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1405		1.5	9.4	6.89	531.4			
1410		3.0	9.5	7.10	521.8			
1415		4.5	9.5	7.25	524.6			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-20

Date/Time 11-21-19 1515 **Water Level @ Sampling, Feet:** 2.99

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (N) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1515	7.98	7.60	527.2			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 43°F cloudy

Sample Characteristics: CLEAR + ODORless

COMMENTS AND OBSERVATIONS:

12.57 - 3.00 = 9.57 x 0.1632 = 1.56 gallons

Sampled @ 1515

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/21/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Madias

Sample Point ID: GW- 21 ?

Field Personnel: TB, EA

Sample Matrix: GW

MONITORTING WELL INSPECTION:

Date/Time 11-21-19 / 1330

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried %

Prot. Casing/riser height:

Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged

If prot.casing; depth to riser below:

Gas Meter (Calibration/ Reading): % Gas: / % LEL: /

Vol. Organic Meter (Calibration/Reading): Volatiles (ppm) /

PURGE INFORMATION:

Date / Time Initiated: 11-21-19 / 1330

Date / Time Completed: 11-21-19 / 1345

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser

Riser Diameter, inches: 2.0

Initial Water Level, Feet: 6.78

Elevation. G/W MSL:

Well Total Depth, Feet: 12.57

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: 0.94

Dedicated: (Y) / N

Total Volume Purged, Gal: 3.0

Purged To Dryness Y / (N)

Purge Observations: Cloudy Light Brown

Start Cloudy LB Finish Cloudy LB

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1335		0.94	9.3	6.59	621.5			
1340		2.0	9.5	6.97	505.9			
1345		3.0	9.8	7.10	529.8			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW- 21

Date/Time 11-21-19 1520 **Water Level @ Sampling, Feet:** 6.80

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1520	8.9	7.22	1980.9			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 43°F cloudy

Sample Characteristics: SLIGHTLY TURBID + LIGHT BROWN

COMMENTS AND OBSERVATIONS:

12.57 - 6.78 = 5.79 x 0.1632 = 0.944

Sampled @ 1520

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/21/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Machias **Sample Point ID:** GW-22

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11/20/19 1040 **Cond of seal:** (X) Good ( ) Cracked ____ %
( ) None ( ) Buried

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good
( ) Loose ( ) Flush Mount
( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time Initiated: 11/20/19 / 1050 **Date / Time Completed:** 11/20/19 / 1120

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 49.06 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 58.45 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.532 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 4.5gal **Purged To Dryness** Y / (N)

Purge Observations: Cloudy **Start** Cloudy **Finish** Cloudy

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other W.L. (FT)	Other
1100		1.5	10.7	7.76	541.1		49.06	
1110		3.0	10.6	7.67	540.7		49.09	
1120		4.5	9.8	7.67	548.8		49.11	

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-22

Date/Time 11-20-19 / 1330 **Water Level @ Sampling, Feet:** 49.06

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (WL(Ft))	Other ( )
1330	8.0	7.67	551.7		49.06	

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 38°F NW 7mph cloudy

Sample Characteristics:

COMMENTS AND OBSERVATIONS:

58.45 - 49.06 = 9.39 x 0.1632 = 1.532 gallons

purged 4.5 gal

sampled @ 1330 11/20/19

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/20/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Machias **Sample Point ID:** GW-22D

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORING WELL INSPECTION:

Date/Time 11/20/19 / 1130 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** ____ / ____ **% LEL:** ____ / ____

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** ____ / ____

PURGE INFORMATION:

Date / Time Initiated: 11/20/19 / 1130 **Date / Time Completed:** 11/20/19 / 1200

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 49.29 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 79.25 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 4.88 gall **Dedicated:** (Y) / N

Total Volume Purged, Gal: ____ **Purged To Dryness** Y / (N)

Purge Observations: Brown Cloudy **Start** Brown Cloudy **Finish** to Cloudy

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other W.L (FT)	Other
1130		4.8 gall	8.4	7.44	598.4		50.17	
1145		9.6 gall	8.3	7.45	592.7		50.69	
1200		14.4 gall	8.2	7.57	582.2		51.21	

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-22D

Date/Time 11-20-19 1340 **Water Level @ Sampling, Feet:** 49.95'

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (x) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (WL. FT)	Other ( )
1340	16.0	~~7.88~~	595.5		49.95	

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 38°F Cloudy 1 MPH NE

Sample Characteristics: Cloudy + Brown

COMMENTS AND OBSERVATIONS:

79.25 - 49.29 = 29.96 x 0.1632 = 4.88 gallons

purged 14.4 gal

sampled @ 1340 11/20/19

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11.20.19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Madras

Sample Point ID: GW – 23D

Field Personnel: TB, EA

Sample Matrix: GW

MONITORING WELL INSPECTION:

Date/Time 11-21-19 / 1216

Cond of seal: (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____

Cond of prot. Casing/riser: ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): % Gas: / % LEL: /

Vol. Organic Meter (Calibration/Reading): Volatiles (ppm) /

PURGE INFORMATION:

Date / Time Initiated: 11-21-19 / 1219

Date / Time Completed: 11-21-19 / 1238

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser

Riser Diameter, Inches: 2.0

Initial Water Level, Feet: 11.30

Elevation. G/W MSL: ____

Well Total Depth, Feet: 42.57

Method of Well Purge: Bailer

One (1) Riser Volume, Gal: 2+ 5.10

Dedicated: (Y) / N

Total Volume Purged, Gal: 15.50

Purged To Dryness Y / (N)

Purge Observations: Strong odor

Start SI turbid Finish grey/sl. milky

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1225		5.00	10.1	7.51	506			
1232		10.00	8.9	7.43	534			
1238		15.50	9.0	7.47	532			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID GW-23D

Date/Time 11-21-19 1430

Water Level @ Sampling, Feet: 11.2

Method of Sampling: Bailer

Dedicated: (Y) / N

Multi-phased/ layered: ( ) Yes (X) No

If YES: ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1430	9.6	7.53	531.6			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 43°F cloudy

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1430

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/21/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Machias **Sample Point ID:** RW-3

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11-21-19 / 1134 **Cond of seal:** (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** (Y) Unlocked (Y) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time Initiated: 11-21-19/ ~~1135~~ 1140 **Date / Time Completed:** 11-21-19/1205

Surf. Meas. Pt: (X) Prot. Casing ~~( ) Riser~~ **Riser Diameter, Inches:** 4.0

Initial Water Level, Feet: 5.64 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 49.55 **Method of Well Purge:** Trash Pump

One (1) Riser Volume, Gal: 28.66 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 86.00 **Purged To Dryness** Y / (N)

Purge Observations: ____ **Start** orange **Finish** Brownish green

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1146		28.50	12.1	7.52	280			
1157		57.00	11.2	7.87	271			
1205		86.00	10.6	7.88	315			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID RW-3

Date/Time 11-21-19 / 1425 **Water Level @ Sampling, Feet:** 5.62

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1425	9.9	7.74	327.1			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 43°F cloudy

Sample Characteristics: ~~Clear~~ Slightly Turbid

COMMENTS AND OBSERVATIONS:

Sampled @ 1425

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/21/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Machias

Sample Point ID: SW-1 / SED-1

Field Personnel: TR/EA

Sample Matrix: SW / Soil

(X) Grab ( ) Composite

SAMPLING INFORMATION:

Date/Time 11/21/19 1530

Water Level @ Sampling, Feet: N/A

Method of Sampling: Dipper

Dedicated: (Y) / N

Multi-phased/ layered: ( ) Yes (X) No

If YES: ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other (DO) ppm	Other ( )
1530	4.0	7.60	173.5		9.23 ppm	

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 43°F cloudy

Sample Characteristics:

COMMENTS AND OBSERVATIONS:

SW-1 sampled @ 1530

SED-1 sampled @ 1535

I certify that sampling procedures were in accordance with all applicable USEPA, State and Site-Specific protocals.

Date: 11/21/19 By: [signature] Company: TAL

November 28, 2019

Mr. Rich Gnat
K P R G & Assoc, Inc.
14665 West Lisbon Rd. Ste 2B
Brookfield, Wisconsin 53005

RE: Prestolite Groundwater Sampling Report

Dear Mr. Gnat:

Please find enclosed the Prestolite Facility sampling field forms. Sampling took place on November 25-26, 2019. Sample points were as follows: fourteen monitoring wells located at the Prestolite Plant in Arcade, New York. Sample point measurements and observations can be noted in the Sampling Summary Table. The sampling was conducted by Test America Laboratory, Inc. personnel Tim Bly and Evan Angelo.

We thank you for the opportunity to be of service. Please contact the undersigned with any questions or additional information you may require at (716) 807-8730.

Sincerely,
TEST AMERICA LABORATORIES, INC

Timothy Bly
Manager-Field Services

Sampling Summary Table
KPRG AND ASSOCIATES, Inc
PRESTOLITE SITE-ARCADE, NEW YORK

Sample Point	Casing Elevation	Purge Date	WL Time	Well Bottom	Depth to Water	GW Elevation	Sample Date	Sample Time	PH	Spec Cond	Temp	Comments
MW-1	1476.49	11/25/2019	1045	18.10	12.12	1464.37	11/26/2019	1100	7.35	662	13.5	
MW-1DA	1476.13	11/25/2019	1043	41.07	11.96	1464.17	11/26/2019	1057	7.95	442	13.5	
MW-2A	1487.00	11/25/2019	1055	19.69	17.81	1469.19	11/26/2019	1123	7.04	488	11.3	
MW-3	1476.12	11/25/2019	1100	14.40	7.83	1468.29	11/26/2019	1135	7.63	462	20.0	
MW-5	1566.40	11/25/2019	1120	55.10	7.47	1558.93	11/26/2019	1015	7.73	422	10.5	
MW-6A	1487.50	11/25/2019	1050	22.10	17.91	1469.59	11/26/2019	1120	7.46	511	11.5	
MW-6DA	1487.53	11/25/2019	1052	55.50	16.33	1471.20	11/26/2019	1115	8.43	235	10.6	
MW-7	1484.02	11/25/2019	1047	18.95	13.4	1470.62	11/26/2019	1105	7.04	507	9.7	
MW-9	1478.39	11/25/2019	1027	22.05	11.88	1466.51	11/26/2019	1032	7.43	532	15.0	
MW-9D	1478.38	11/25/2019	1025	43.45	11.75	1466.63	11/26/2019	1035	7.59	486	14.1	
MW-11	1477.00	11/25/2019	1105	20.85	8.66	1468.34	11/26/2019	1142	7.61	436	11.5	
MW-12	1472.45	11/25/2019	1037	21.37	8.72	1463.73	11/26/2019	1049	7.64	566	14.3	
MW-13	1473.11	11/25/2019	1031	20.15	9.29	1463.82	11/26/2019	1040	7.31	1014	13.7	
MW-14	1479.56	11/25/2019	1110	34.40	13.28	1466.28	11/26/2019	1155	7.71	666	13.2	DUP/MS/MSD

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-1

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11-25-19 / 1348 **Cond of seal:** (X) Good ( ) Cracked ____ %
( ) None ( ) Buried

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good
( ) Loose ( ) Flush Mount
( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** ____ / ____ **% LEL:** ____ / ____

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** ____ / ____

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1348 **Date / Time Completed:** 11-25-19 / 1353

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 12.12 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 18.10 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 0.98 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 3.00 **Purged To Dryness** Y / (N)

Purge Observations: ____ **Start** clear **Finish** turbid

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1349		1.0	13.3	7.28	660			
1351		2.0	13.5	7.33	641			
1353		3.0	13.8	7.25	644			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-1

Date/Time 11-26-19 / 1100 **Water Level @ Sampling, Feet:** 12.13

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1100	13.5	7.35	662			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: turbid

COMMENTS AND OBSERVATIONS:

Sampled @ 1100

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-1DA

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11-25-19 / 1300 **Cond of seal:** (Y) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (Y) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** ____ / ____ **% LEL:** ____ / ____

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** ____ / ____

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1300 **Date / Time Completed:** 11-25-19 / 1350

Surf. Meas. Pt: ( ) Prot. Casing (Y) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 11.96 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 41.07 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 4.75 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 14.25 **Purged To Dryness** Y / N

Purge Observations: GRAY & TURBID **Start** CLEAR TURBID **Finish** GRAY TURBID

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1345		4.75	12.1	8.11	443.2			
1350		9.5	12.0	8.12	440.6			
1348		14.25	11.7	8.04	446.7			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-10A

Date/Time 11-26-19 1057 **Water Level @ Sampling, Feet:** 9.77

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1057	13.5	7.95	442			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1057

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-2A

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORING WELL INSPECTION:

Date/Time 11-25-19 / 1246 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** ____ / ____ **% LEL:** ____ / ____

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** ____ / ____

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1247 **Date / Time Completed:** 11-25-19 / 1252

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 17.81 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 19.69 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 0.31 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 1.25 **Purged To Dryness** Y / (N)

Purge Observations: ____ **Start** clear **Finish** clear

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1248		0.35	11.0	6.96	487			
1249		0.75	11.1	6.89	490			
1252		1.25	11.1	6.92	491			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-24

Date/Time 11-26-19 1123 **Water Level @ Sampling, Feet:** 17.42

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1123	11.3	7.04	4188			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1123

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-3

Field Personnel: TBLEA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11-25-19 / 1235 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried %

Prot. Casing/riser height: **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose (X) Flush Mount ( ) Damaged

If prot.casing; depth to riser below:

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1235 **Date / Time Completed:** 11-25-19 / 1240

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 7.83 **Elevation. G/W MSL:**

Well Total Depth, Feet: 14.40 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.07 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 3.00 **Purged To Dryness** Y (N)

Purge Observations: **Start** clear **Finish** clear

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1236		1.00	12.4	7.54	469			
1238		2.00	12.5	7.49	474			
1240		3.00	12.5	7.50	476			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-3

Date/Time 11-26-19 1135 **Water Level @ Sampling, Feet:** 7.98

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1135	20.0	7.63	462			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1135

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-5

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11-25-19 / 1120 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1120 **Date / Time Completed:** 11-25-19 / 1144

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 7.47 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 55.10 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 7.77 **Dedicated:** (Y) / N

Total Volume Purged, Gal: DRY @ 12.75 **Purged To Dryness** (Y) / N

Purge Observations: ____ **Start** Sl. turbid **Finish** very turbid

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1133		7.75	10.0	7.29	381			
1144		12.75	9.9	7.22	418			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-5

Date/Time 11-26-19 1015 **Water Level @ Sampling, Feet:** 50.95

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1015	10.5	7.73	422			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F SW 11mph

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1015

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-6A

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORING WELL INSPECTION:

Date/Time 11-25-19 / 1259 **Cond of seal:** (Y) Good ( ) Cracked ____ %
( ) None ( ) Buried

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (Y) Good
( ) Loose ( ) Flush Mount
( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time Initiated: 11-25-19/ 1259 **Date / Time Completed:** 11-25-19/ 1304

Surf. Meas. Pt: ( ) Prot. Casing (Y) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 17.91 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 22.10 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 0.68 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 2.25 **Purged To Dryness** Y / (N)

Purge Observations: ____ **Start** clear w/ orange tint **Finish** sl. turbid

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1300		0.75	11.6	7.46	489			
1302		1.50	11.6	7.33	519			
1304		2.25	11.7	~~7.29~~	524			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-6A

Date/Time 11-26-19 / 1120 **Water Level @ Sampling, Feet:** 17.79

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1120	11.5	7.46	511			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1120

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-6DA

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11-25-19 / 1309 **Cond of seal:** (Y) Good ( ) Cracked ____ %
( ) None ( ) Buried

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (Y) Good
( ) Loose ( ) Flush Mount
( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1309 **Date / Time Completed:** 11-25-19 / 1326

Surf. Meas. Pt: ( ) Prot. Casing (Y) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 16.33 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 55.50 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 6.39 **Dedicated:** (Y) / N

Total Volume Purged, Gal: DRY @ 9.00 **Purged To Dryness** (Y) / N

Purge Observations: ____ **Start** Clear **Finish** Clear

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1319		6.50	9.7	8.00	435			
1326		9.00	11.0	8.16	369			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-6DA

Date/Time 11-26-19 1115 **Water Level @ Sampling, Feet:** 24.66

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1115	10.6	8.43	235			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1115

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocols.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-7

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORING WELL INSPECTION:

Date/Time 11-25-19 / 1336 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1336 **Date / Time Completed:** 11-25-19 / 1342

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 13.40 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 18.95 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 0.91 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 3.00 **Purged To Dryness** Y / (N)

Purge Observations: ____ **Start** turbid/brown orange **Finish** turbid/brown orange

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1337		1.0	8.4	6.96	533			
1340		2.0	8.5	6.80	560			
1342		3.0	8.4	6.67	572			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-7

Date/Time 11-26-19 1105 **Water Level @ Sampling, Feet:** 13.42

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1105	9.7	7.04	507			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: turbid

COMMENTS AND OBSERVATIONS:

Sampled @ 1105

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-9

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11-25-19 / 1115 **Cond of seal:** (X) Good ( ) Cracked ____ % ( ) None ( ) Buried

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1115 **Date / Time Completed:** 11-25-19 / 1130

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 11.88 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 22.05 ft **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.65 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 4.80 **Purged To Dryness** Y / (N)

Purge Observations: TURBID + BROWN **Start** TURBID CR **Finish** TURBID & BROWN

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1120	1.6 →		15.0	7.22	586.2			
1125	3.2 →		15.6	7.51	519.9			
1130	4.8 →		15.6	7.53	524.4			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-9

Date/Time 11-26-19 / 1032 **Water Level @ Sampling, Feet:** 11.91

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1032	X 15.0	7.43	532			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: Sl. turbid

COMMENTS AND OBSERVATIONS:

Sampled @ 1032

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-9D

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORING WELL INSPECTION:

Date/Time 11-25-19 / 1135 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** ____ / ____ **% LEL:** ____ / ____

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** ____ / ____

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1135 **Date / Time Completed:** 11-25-19 / 1205

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 11.75 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 43.45 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 5.17 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 15.35 **Purged To Dryness** Y / (N)

Purge Observations: Brown Turbid **Start** Turbid Clear **Finish** Turbid Brown

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1143		5.15	15.0	7.79	4956			
1153		10.2	15.8	7.83	501.3			
1205		15.3	14.6	7.80	468.7			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-9D

Date/Time 11-26-19 1035 **Water Level @ Sampling, Feet:** 10.99

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1035	14.1	7.59	486			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1035

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-11

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORING WELL INSPECTION:

Date/Time 11-25-19 / 1220 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose (X) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** /

PURGE INFORMATION:

Date / Time initiated: 11-25-19 / 1220 **Date / Time Completed:** 11-25-19 / 1229

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, inches:** 2.0

Initial Water Level, Feet: 8.66 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 17.42 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.43 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 4.50 **Purged To Dryness** Y / (N)

Purge Observations: ____ **Start** Clear → turbid w/orange tint **Finish** turbid/orange tint/milky

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1224		1.50	12.3	7.70	433			
1226		3.00	12.1	7.58	434			
1229		4.50	12.0	7.57	435			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-11

Date/Time 11-26-19 1142 **Water Level @ Sampling, Feet:** 8.73

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1142	11.5	7.61	436			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1142

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-12

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORING WELL INSPECTION:

Date/Time 11-25-19 / 1230 **Cond of seal:** (X) Good ( ) Cracked ( ) None ( ) Buried ____ %

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** / **% LEL:** /

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** /

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1232 **Date / Time Completed:** 11-25-19 / 1250

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 8.72 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 21.37 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 2.06 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 6.2 **Purged To Dryness** Y (N)

Purge Observations: ____ **Start** clear **Finish** Sl. turbid

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1240		2.06	15.5	7.60	563.5			
1245		4.12	16.0	7.68	562.7			
1250		6.2	16.0	7.54	561.0			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-12

Date/Time 11-26-19 / 1049 **Water Level @ Sampling, Feet:** 9.76

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1049	14.3	7.64	566			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check,Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: Clear

COMMENTS AND OBSERVATIONS:

Sampled @ 1049

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW- 13

Field Personnel: TBIEA **Sample Matrix:** GW

MONITORTING WELL INSPECTION:

Date/Time 11-25-19 / 1210 **Cond of seal:** (X) Good ( ) Cracked ____ %
( ) None ( ) Buried

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked ( ) Good
( ) Loose (X) Flush Mount
( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** ____ / ____ **% LEL:** ____ / ____

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm)** ____ / ____

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / ~~1210~~ 1210 **Date / Time Completed:** 11-25-19/1230

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 9.29 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 20.15 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 1.77gal x 3 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 5.1 **Purged To Dryness** Y / (N)

Purge Obeservations: BROWN TURBID **Start** BROWN TURBID **Finish** BROWN TURBID

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1215		1.7	13.5	7.40	8425			
1221		3.4	14.2	7.50	7178			
1229		5.1	14.0	7.49	6881.3			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-13

Date/Time 11-26-19 / 1040 **Water Level @ Sampling, Feet:** 9.31

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1040	13.7	7.31	1014			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F Sunny

Sample Characteristics: Clear - Sl. orange tint

COMMENTS AND OBSERVATIONS:

Sampled @ 1040

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

FIELD OBSERVATIONS

Facility: Prestolite **Sample Point ID:** MW-14

Field Personnel: TB/EA **Sample Matrix:** GW

MONITORING WELL INSPECTION:

Date/Time 11-25-19 / 1155 **Cond of seal:** (X) Good ( ) Cracked ____ % ( ) None ( ) Buried

Prot. Casing/riser height: ____ **Cond of prot. Casing/riser:** ( ) Unlocked (X) Good ( ) Loose ( ) Flush Mount ( ) Damaged ____

If prot.casing; depth to riser below: ____

Gas Meter (Calibration/ Reading): **% Gas:** ____ / ____ **% LEL:** ____ / ____

Vol. Organic Meter (Calibration/Reading): **Volatiles (ppm'** ____ / ____

PURGE INFORMATION:

Date / Time Initiated: 11-25-19 / 1155 **Date / Time Completed:** 11-25-19 / 1213

Surf. Meas. Pt: ( ) Prot. Casing (X) Riser **Riser Diameter, Inches:** 2.0

Initial Water Level, Feet: 13.28 **Elevation. G/W MSL:** ____

Well Total Depth, Feet: 34.40 **Method of Well Purge:** Bailer

One (1) Riser Volume, Gal: 3.45 **Dedicated:** (Y) / N

Total Volume Purged, Gal: 10.5 **Purged To Dryness** Y (N)

Purge Observations: Sl. Odor **Start** Sl. turbid **Finish** Sl. turbid

PURGE DATA: (If applicable)

Time	Purge Rate (gpm/htz)	Cumulative Volume	Temp. (C)	pH (SU)	Conductivity (µmhos/cm)	Turb. (NTU)	Other	Other
1200		3.5	13.3	7.73	646			
1207		7.0	13.6	7.76	671			
1213		10.5	13.6	7.75	688			

FIELD OBSERVATIONS

SAMPLING INFORMATION:

POINT ID MW-14

Date/Time 11-26-19 / 1155 **Water Level @ Sampling, Feet:** 13.26

Method of Sampling: Bailer **Dedicated:** (Y) / N

Multi-phased/ layered: ( ) Yes (X) No **If YES:** ( ) light ( ) heavy

SAMPLING DATA:

Time	Temp. (°C)	pH (std units)	Conductivity (µmhos/cm)	Turb. (NTU)	Other ( )	Other ( )
1155	13.2	7.71	666			

INSTRUMENT CALIBRATION/CHECK DATA:

Meter ID#	Cal Std 7.0 SU	Cal Std 4.0 SU	Cal Std 10.0 SU	Check Std 7.0 SU (± 10%)	Cal.Std 1,413 µmhos/cm	Check.Std 1,413 µmhos/cm (± 10%)	Cal.Std 10 NTU	Check Std 10 NTU (± 10%)
Solution ID#								

GENERAL INFORMATION:

Weather conditions @ time of sampling: 48°F / Sunny

Sample Characteristics: clear

COMMENTS AND OBSERVATIONS:

MS/MSD/DUP TAKEN

Sampled @ 1155

I certify that sampling procedures were in accordance with all applicable EPA, State and Site-Specific protocals.

Date: 11/26/19 **By:** [signature] **Company:** TAL

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 480-162985-1

Login Number: 162985
List Number: 1
Creator: Stopa, Erik S

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	KPRG
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	N/A	
Chlorine Residual checked.	N/A	

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 480-162985-1

Login Number: 163172
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

Machias 6/16/20

Sample Point	Water Levels (ft)	TOC	Elevation
GW-3	47.92	1740.02	1692.10
GW-5	47.57	1741.5	1693.93
GW-5D	49.12	1741.8	1692.68
GW-6	48.22	1739.88	1691.66
GW-7	38.98	1729.16	1690.18
GW-9	56.47	1748.63	1692.16
GW-10	11.41	1701.58	1690.17
GW-16	10.42	1691.54	1681.12
GW-16D	8.92	1691.54	1682.62
GW-20	3.58	1680.92	1677.34
GW-21	7.37	1683.58	1676.21
GW-22	48.31	1740.08	1691.77
GW-22D	47.75	1739.72	1691.97
GW-23D	10.62	1700.21	1689.59
RW-3	5.22	1693.51	1688.29
SW-1	-		

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ANALYTICAL REPORT

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Tel: (716)691-2600

Laboratory Job ID: 480-171453-1
Client Project/Site: Machias site

For:
KPRG and Associates, Inc.
14665 West Lisbon Road,
Suite 1A
Brookfield, Wisconsin 53005

Attn: Mr. Rich Gnat

Authorized for release by:
6/30/2020 1:58:57 PM

Brian Fischer, Manager of Project Management
(716)504-9835
brian.fischer@testamericainc.com

Table of Contents

Definitions/Glossary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Qualifiers

GC/MS VOA

Qualifier	Qualifier Description
*	LCS or LCSD is outside acceptance limits.
J	Result is less than the RL but greater than or equal to the MDL and the concentration is an approximate value.
vs	Reported analyte concentrations are below 200 ug/kg and may be biased low due to the sample not being collected according to 5035A-L low-level specifications.

Glossary

Abbreviation	These commonly used abbreviations may or may not be present in this report.
¤	Listed under the "D" column to designate that the result is reported on a dry weight basis
%R	Percent Recovery
CFL	Contains Free Liquid
CFU	Colony Forming Unit
CNF	Contains No Free Liquid
DER	Duplicate Error Ratio (normalized absolute difference)
Dil Fac	Dilution Factor
DL	Detection Limit (DoD/DOE)
DL, RA, RE, IN	Indicates a Dilution, Re-analysis, Re-extraction, or additional Initial metals/anion analysis of the sample
DLC	Decision Level Concentration (Radiochemistry)
EDL	Estimated Detection Limit (Dioxin)
LOD	Limit of Detection (DoD/DOE)
LOQ	Limit of Quantitation (DoD/DOE)
MCL	EPA recommended "Maximum Contaminant Level"
MDA	Minimum Detectable Activity (Radiochemistry)
MDC	Minimum Detectable Concentration (Radiochemistry)
MDL	Method Detection Limit
ML	Minimum Level (Dioxin)
MPN	Most Probable Number
MQL	Method Quantitation Limit
NC	Not Calculated
ND	Not Detected at the reporting limit (or MDL or EDL if shown)
NEG	Negative / Absent
POS	Positive / Present
PQL	Practical Quantitation Limit
PRES	Presumptive
QC	Quality Control
RER	Relative Error Ratio (Radiochemistry)
RL	Reporting Limit or Requested Limit (Radiochemistry)
RPD	Relative Percent Difference, a measure of the relative difference between two points
TEF	Toxicity Equivalent Factor (Dioxin)
TEQ	Toxicity Equivalent Quotient (Dioxin)
TNTC	Too Numerous To Count

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-3 — Lab Sample ID: 480-171453-1

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.7	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	16		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-5D — Lab Sample ID: 480-171453-2

No Detections.

Client Sample ID: GW-6 — Lab Sample ID: 480-171453-3

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	1.2	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	0.55	J	5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-7 — Lab Sample ID: 480-171453-4

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	0.67	J	5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-9 — Lab Sample ID: 480-171453-5

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5.4		5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	8.3		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-10 — Lab Sample ID: 480-171453-6

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	3.5	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	38		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-16 — Lab Sample ID: 480-171453-7

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	5.7		5.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	0.76	J	5.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	51		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-16D — Lab Sample ID: 480-171453-8

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	17		5.0	0.82	ug/L	1		8260C	Total/NA
1,1-Dichloroethene	1.3	J	5.0	0.29	ug/L	1		8260C	Total/NA
Trichloroethene	69		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-21 — Lab Sample ID: 480-171453-9

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.1	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	24		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-23D — Lab Sample ID: 480-171453-10

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	380		40	3.7	ug/L	8		8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Eurofins TestAmerica, Buffalo

Detection Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: RW-3 — Lab Sample ID: 480-171453-11

No Detections.

Client Sample ID: TRIP BLANK — Lab Sample ID: 480-171453-12

No Detections.

Client Sample ID: DUP — Lab Sample ID: 480-171453-13

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	4.4	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	25		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: GW-5 — Lab Sample ID: 480-171453-14

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Trichloroethene	410		50	4.6	ug/L	10		8260C	Total/NA

Client Sample ID: GW-22 — Lab Sample ID: 480-171453-15

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	6.0	J	10	1.6	ug/L	2		8260C	Total/NA
Methylene Chloride	2.4	J	10	0.88	ug/L	2		8260C	Total/NA
Trichloroethene	120		10	0.92	ug/L	2		8260C	Total/NA

Client Sample ID: GW-22D — Lab Sample ID: 480-171453-16

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	14	J	20	3.3	ug/L	4		8260C	Total/NA
Trichloroethene	340		20	1.8	ug/L	4		8260C	Total/NA

Client Sample ID: GW-20 — Lab Sample ID: 480-171453-17

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
1,1,1-Trichloroethane	2.1	J	5.0	0.82	ug/L	1		8260C	Total/NA
Trichloroethene	7.6		5.0	0.46	ug/L	1		8260C	Total/NA

Client Sample ID: SW-1 — Lab Sample ID: 480-171453-18

No Detections.

Client Sample ID: SD-1 — Lab Sample ID: 480-171453-19

Analyte	Result	Qualifier	RL	MDL	Unit	Dil Fac	D	Method	Prep Type
Acetone	11	J vs	39	6.5	ug/Kg	1	☼	8260C	Total/NA

This Detection Summary does not include radiochemical test results.

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-3

Date Collected: 06/16/20 14:39
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-1

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.7**	**J**	5.0	0.82	ug/L			06/23/20 00:31	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 00:31	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 00:31	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 00:31	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 00:31	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 00:31	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 00:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 00:31	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 00:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 00:31	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 00:31	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 00:31	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 00:31	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 00:31	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 00:31	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 00:31	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 00:31	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 00:31	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 00:31	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 00:31	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 00:31	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 00:31	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 00:31	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 00:31	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 00:31	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 00:31	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 00:31	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 00:31	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 00:31	1
Trichloroethene	**16**		5.0	0.46	ug/L			06/23/20 00:31	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 00:31	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 00:31	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 00:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*06/23/20 00:31*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*06/23/20 00:31*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/23/20 00:31*	*1*

Client Sample ID: GW-5D

Date Collected: 06/16/20 11:45
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-2

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/23/20 00:56	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 00:56	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 00:56	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 00:56	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 00:56	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 00:56	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 00:56	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 00:56	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 00:56	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 00:56	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 00:56	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 00:56	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 00:56	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 00:56	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 00:56	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 00:56	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 00:56	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 00:56	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 00:56	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 00:56	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 00:56	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 00:56	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 00:56	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 00:56	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 00:56	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 00:56	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 00:56	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 00:56	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 00:56	1
Trichloroethene	ND		5.0	0.46	ug/L			06/23/20 00:56	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 00:56	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 00:56	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 00:56	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*06/23/20 00:56*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*06/23/20 00:56*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/23/20 00:56*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-6

Date Collected: 06/17/20 09:10
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-3

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**1.2**	**J**	5.0	0.82	ug/L			06/23/20 01:21	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 01:21	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 01:21	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 01:21	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 01:21	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 01:21	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 01:21	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 01:21	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 01:21	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 01:21	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 01:21	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 01:21	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 01:21	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 01:21	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 01:21	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 01:21	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 01:21	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 01:21	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 01:21	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 01:21	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 01:21	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 01:21	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 01:21	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 01:21	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 01:21	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 01:21	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 01:21	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 01:21	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 01:21	1
Trichloroethene	**0.55**	**J**	5.0	0.46	ug/L			06/23/20 01:21	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 01:21	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 01:21	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 01:21	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*06/23/20 01:21*	*1*
4-Bromofluorobenzene (Surr)	*89*		*73 - 120*		*06/23/20 01:21*	*1*
Toluene-d8 (Surr)	*93*		*80 - 120*		*06/23/20 01:21*	*1*

Client Sample ID: GW-7

Date Collected: 06/17/20 10:13
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-4

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/23/20 01:46	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 01:46	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 01:46	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 01:46	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 01:46	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 01:46	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 01:46	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 01:46	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 01:46	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 01:46	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 01:46	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 01:46	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 01:46	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 01:46	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 01:46	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 01:46	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 01:46	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 01:46	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 01:46	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 01:46	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 01:46	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 01:46	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 01:46	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 01:46	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 01:46	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 01:46	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 01:46	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 01:46	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 01:46	1
Trichloroethene	**0.67**	**J**	5.0	0.46	ug/L			06/23/20 01:46	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 01:46	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 01:46	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 01:46	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*06/23/20 01:46*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*06/23/20 01:46*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*06/23/20 01:46*	*1*

Client Sample ID: GW-9

Date Collected: 06/16/20 13:44
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-5

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**5.4**		5.0	0.82	ug/L			06/23/20 02:10	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 02:10	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 02:10	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 02:10	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 02:10	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 02:10	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 02:10	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 02:10	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 02:10	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 02:10	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 02:10	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 02:10	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 02:10	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 02:10	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 02:10	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 02:10	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 02:10	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 02:10	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 02:10	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 02:10	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 02:10	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 02:10	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 02:10	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 02:10	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 02:10	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 02:10	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 02:10	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 02:10	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 02:10	1
Trichloroethene	**8.3**		5.0	0.46	ug/L			06/23/20 02:10	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 02:10	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 02:10	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 02:10	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*06/23/20 02:10*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*06/23/20 02:10*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*06/23/20 02:10*	*1*

Client Sample ID: GW-10

Date Collected: 06/17/20 11:14
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-6

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**3.5**	**J**	5.0	0.82	ug/L			06/23/20 02:35	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 02:35	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 02:35	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 02:35	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 02:35	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 02:35	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 02:35	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 02:35	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 02:35	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 02:35	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 02:35	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 02:35	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 02:35	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 02:35	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 02:35	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 02:35	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 02:35	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 02:35	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 02:35	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 02:35	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 02:35	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 02:35	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 02:35	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 02:35	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 02:35	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 02:35	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 02:35	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 02:35	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 02:35	1
Trichloroethene	**38**		5.0	0.46	ug/L			06/23/20 02:35	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 02:35	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 02:35	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 02:35	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*06/23/20 02:35*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*06/23/20 02:35*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*06/23/20 02:35*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-16

Date Collected: 06/18/20 09:03
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-7

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**5.7**		5.0	0.82	ug/L			06/23/20 03:00	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 03:00	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 03:00	1
1,1-Dichloroethene	**0.76**	**J**	5.0	0.29	ug/L			06/23/20 03:00	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 03:00	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 03:00	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 03:00	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 03:00	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 03:00	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 03:00	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 03:00	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 03:00	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 03:00	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 03:00	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 03:00	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 03:00	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 03:00	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 03:00	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 03:00	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 03:00	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 03:00	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 03:00	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 03:00	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 03:00	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 03:00	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 03:00	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 03:00	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 03:00	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 03:00	1
Trichloroethene	**51**		5.0	0.46	ug/L			06/23/20 03:00	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 03:00	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 03:00	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 03:00	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*06/23/20 03:00*	*1*
4-Bromofluorobenzene (Surr)	*91*		*73 - 120*		*06/23/20 03:00*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/23/20 03:00*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-16D

Date Collected: 06/18/20 08:12
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-8

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**17**		5.0	0.82	ug/L			06/23/20 03:25	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 03:25	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 03:25	1
1,1-Dichloroethene	**1.3**	**J**	5.0	0.29	ug/L			06/23/20 03:25	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 03:25	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 03:25	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 03:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 03:25	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 03:25	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 03:25	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 03:25	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 03:25	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 03:25	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 03:25	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 03:25	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 03:25	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 03:25	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 03:25	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 03:25	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 03:25	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 03:25	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 03:25	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 03:25	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 03:25	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 03:25	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 03:25	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 03:25	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 03:25	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 03:25	1
Trichloroethene	**69**		5.0	0.46	ug/L			06/23/20 03:25	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 03:25	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 03:25	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 03:25	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*100*		*77 - 120*		*06/23/20 03:25*	*1*
4-Bromofluorobenzene (Surr)	*98*		*73 - 120*		*06/23/20 03:25*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/23/20 03:25*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-21

Date Collected: 06/18/20 10:38
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-9

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.1**	**J**	5.0	0.82	ug/L			06/23/20 03:50	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 03:50	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 03:50	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 03:50	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 03:50	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 03:50	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 03:50	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 03:50	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 03:50	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 03:50	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 03:50	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 03:50	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 03:50	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 03:50	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 03:50	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 03:50	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 03:50	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 03:50	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 03:50	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 03:50	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 03:50	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 03:50	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 03:50	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 03:50	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 03:50	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 03:50	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 03:50	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 03:50	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 03:50	1
Trichloroethene	**24**		5.0	0.46	ug/L			06/23/20 03:50	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 03:50	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 03:50	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 03:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*06/23/20 03:50*	*1*
4-Bromofluorobenzene (Surr)	*90*		*73 - 120*		*06/23/20 03:50*	*1*
Toluene-d8 (Surr)	*92*		*80 - 120*		*06/23/20 03:50*	*1*

Client Sample ID: GW-23D

Date Collected: 06/17/20 13:17
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-10

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		40	6.6	ug/L			06/23/20 04:15	8
1,1,2,2-Tetrachloroethane	ND		40	1.7	ug/L			06/23/20 04:15	8
1,1,2-Trichloroethane	ND		40	1.8	ug/L			06/23/20 04:15	8
1,1-Dichloroethene	ND		40	2.3	ug/L			06/23/20 04:15	8
1,2-Dichloroethane	ND		40	1.7	ug/L			06/23/20 04:15	8
1,2-Dichloroethene, Total	ND		80	6.5	ug/L			06/23/20 04:15	8
1,2-Dichloropropane	ND		40	5.8	ug/L			06/23/20 04:15	8
2-Butanone (MEK)	ND		80	11	ug/L			06/23/20 04:15	8
2-Hexanone	ND		80	9.9	ug/L			06/23/20 04:15	8
4-Methyl-2-pentanone (MIBK)	ND		80	17	ug/L			06/23/20 04:15	8
Acetone	ND	*	80	24	ug/L			06/23/20 04:15	8
Benzene	ND		40	3.3	ug/L			06/23/20 04:15	8
Bromodichloromethane	ND		40	3.1	ug/L			06/23/20 04:15	8
Bromoform	ND		40	2.1	ug/L			06/23/20 04:15	8
Bromomethane	ND		80	5.5	ug/L			06/23/20 04:15	8
Carbon disulfide	ND		40	1.5	ug/L			06/23/20 04:15	8
Carbon tetrachloride	ND		40	2.2	ug/L			06/23/20 04:15	8
Chlorobenzene	ND		40	6.0	ug/L			06/23/20 04:15	8
Chloroethane	ND		80	2.6	ug/L			06/23/20 04:15	8
Chloroform	ND		40	2.7	ug/L			06/23/20 04:15	8
Chloromethane	ND		80	2.8	ug/L			06/23/20 04:15	8
cis-1,3-Dichloropropene	ND		40	2.9	ug/L			06/23/20 04:15	8
Dibromochloromethane	ND		40	2.6	ug/L			06/23/20 04:15	8
Ethylbenzene	ND		40	5.9	ug/L			06/23/20 04:15	8
Methylene Chloride	ND		40	3.5	ug/L			06/23/20 04:15	8
Styrene	ND		40	5.8	ug/L			06/23/20 04:15	8
Tetrachloroethene	ND		40	2.9	ug/L			06/23/20 04:15	8
Toluene	ND		40	4.1	ug/L			06/23/20 04:15	8
trans-1,3-Dichloropropene	ND		40	3.0	ug/L			06/23/20 04:15	8
Trichloroethene	**380**		40	3.7	ug/L			06/23/20 04:15	8
Vinyl acetate	ND		80	6.8	ug/L			06/23/20 04:15	8
Vinyl chloride	ND		80	7.2	ug/L			06/23/20 04:15	8
Xylenes, Total	ND		80	5.3	ug/L			06/23/20 04:15	8

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*06/23/20 04:15*	*8*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*06/23/20 04:15*	*8*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/23/20 04:15*	*8*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: RW-3

Date Collected: 06/17/20 14:11
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-11

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/23/20 04:40	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 04:40	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 04:40	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 04:40	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 04:40	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 04:40	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 04:40	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 04:40	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 04:40	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 04:40	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 04:40	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 04:40	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 04:40	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 04:40	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 04:40	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 04:40	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 04:40	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 04:40	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 04:40	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 04:40	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 04:40	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 04:40	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 04:40	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 04:40	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 04:40	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 04:40	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 04:40	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 04:40	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 04:40	1
Trichloroethene	ND		5.0	0.46	ug/L			06/23/20 04:40	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 04:40	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 04:40	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 04:40	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*06/23/20 04:40*	*1*
4-Bromofluorobenzene (Surr)	*94*		*73 - 120*		*06/23/20 04:40*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/23/20 04:40*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: TRIP BLANK

Date Collected: 06/18/20 11:45
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-12

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/23/20 05:04	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 05:04	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 05:04	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 05:04	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 05:04	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 05:04	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 05:04	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 05:04	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 05:04	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 05:04	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 05:04	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 05:04	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 05:04	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 05:04	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 05:04	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 05:04	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 05:04	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 05:04	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 05:04	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 05:04	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 05:04	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 05:04	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 05:04	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 05:04	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 05:04	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 05:04	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 05:04	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 05:04	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 05:04	1
Trichloroethene	ND		5.0	0.46	ug/L			06/23/20 05:04	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 05:04	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 05:04	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 05:04	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*		*06/23/20 05:04*	*1*
4-Bromofluorobenzene (Surr)	*99*		*73 - 120*		*06/23/20 05:04*	*1*
Toluene-d8 (Surr)	*97*		*80 - 120*		*06/23/20 05:04*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: DUP
Date Collected: 06/18/20 10:38
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-13
Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**4.4**	**J**	5.0	0.82	ug/L			06/23/20 05:29	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 05:29	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 05:29	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 05:29	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 05:29	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 05:29	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 05:29	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 05:29	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 05:29	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 05:29	1
Acetone	ND	*	10	3.0	ug/L			06/23/20 05:29	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 05:29	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 05:29	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 05:29	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 05:29	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 05:29	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 05:29	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 05:29	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 05:29	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 05:29	1
Chloromethane	ND		10	0.35	ug/L			06/23/20 05:29	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 05:29	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 05:29	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 05:29	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 05:29	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 05:29	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 05:29	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 05:29	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 05:29	1
Trichloroethene	**25**		5.0	0.46	ug/L			06/23/20 05:29	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 05:29	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 05:29	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 05:29	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*06/23/20 05:29*	*1*
4-Bromofluorobenzene (Surr)	*97*		*73 - 120*		*06/23/20 05:29*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/23/20 05:29*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-5

Date Collected: 06/16/20 13:06
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-14

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		50	8.2	ug/L			06/23/20 05:54	10
1,1,2,2-Tetrachloroethane	ND		50	2.1	ug/L			06/23/20 05:54	10
1,1,2-Trichloroethane	ND		50	2.3	ug/L			06/23/20 05:54	10
1,1-Dichloroethene	ND		50	2.9	ug/L			06/23/20 05:54	10
1,2-Dichloroethane	ND		50	2.1	ug/L			06/23/20 05:54	10
1,2-Dichloroethene, Total	ND		100	8.1	ug/L			06/23/20 05:54	10
1,2-Dichloropropane	ND		50	7.2	ug/L			06/23/20 05:54	10
2-Butanone (MEK)	ND		100	13	ug/L			06/23/20 05:54	10
2-Hexanone	ND		100	12	ug/L			06/23/20 05:54	10
4-Methyl-2-pentanone (MIBK)	ND		100	21	ug/L			06/23/20 05:54	10
Acetone	ND	*	100	30	ug/L			06/23/20 05:54	10
Benzene	ND		50	4.1	ug/L			06/23/20 05:54	10
Bromodichloromethane	ND		50	3.9	ug/L			06/23/20 05:54	10
Bromoform	ND		50	2.6	ug/L			06/23/20 05:54	10
Bromomethane	ND		100	6.9	ug/L			06/23/20 05:54	10
Carbon disulfide	ND		50	1.9	ug/L			06/23/20 05:54	10
Carbon tetrachloride	ND		50	2.7	ug/L			06/23/20 05:54	10
Chlorobenzene	ND		50	7.5	ug/L			06/23/20 05:54	10
Chloroethane	ND		100	3.2	ug/L			06/23/20 05:54	10
Chloroform	ND		50	3.4	ug/L			06/23/20 05:54	10
Chloromethane	ND		100	3.5	ug/L			06/23/20 05:54	10
cis-1,3-Dichloropropene	ND		50	3.6	ug/L			06/23/20 05:54	10
Dibromochloromethane	ND		50	3.2	ug/L			06/23/20 05:54	10
Ethylbenzene	ND		50	7.4	ug/L			06/23/20 05:54	10
Methylene Chloride	ND		50	4.4	ug/L			06/23/20 05:54	10
Styrene	ND		50	7.3	ug/L			06/23/20 05:54	10
Tetrachloroethene	ND		50	3.6	ug/L			06/23/20 05:54	10
Toluene	ND		50	5.1	ug/L			06/23/20 05:54	10
trans-1,3-Dichloropropene	ND		50	3.7	ug/L			06/23/20 05:54	10
Trichloroethene	**410**		50	4.6	ug/L			06/23/20 05:54	10
Vinyl acetate	ND		100	8.5	ug/L			06/23/20 05:54	10
Vinyl chloride	ND		100	9.0	ug/L			06/23/20 05:54	10
Xylenes, Total	ND		100	6.6	ug/L			06/23/20 05:54	10

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*99*		*77 - 120*		*06/23/20 05:54*	*10*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*06/23/20 05:54*	*10*
Toluene-d8 (Surr)	*93*		*80 - 120*		*06/23/20 05:54*	*10*

Client Sample ID: GW-22

Date Collected: 06/17/20 07:28
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-15

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**6.0**	**J**	10	1.6	ug/L			06/23/20 13:55	2
1,1,2,2-Tetrachloroethane	ND		10	0.42	ug/L			06/23/20 13:55	2
1,1,2-Trichloroethane	ND		10	0.46	ug/L			06/23/20 13:55	2
1,1-Dichloroethene	ND		10	0.58	ug/L			06/23/20 13:55	2
1,2-Dichloroethane	ND		10	0.42	ug/L			06/23/20 13:55	2
1,2-Dichloroethene, Total	ND		20	1.6	ug/L			06/23/20 13:55	2
1,2-Dichloropropane	ND		10	1.4	ug/L			06/23/20 13:55	2
2-Butanone (MEK)	ND		20	2.6	ug/L			06/23/20 13:55	2
2-Hexanone	ND		20	2.5	ug/L			06/23/20 13:55	2
4-Methyl-2-pentanone (MIBK)	ND		20	4.2	ug/L			06/23/20 13:55	2
Acetone	ND		20	6.0	ug/L			06/23/20 13:55	2
Benzene	ND		10	0.82	ug/L			06/23/20 13:55	2
Bromodichloromethane	ND		10	0.78	ug/L			06/23/20 13:55	2
Bromoform	ND		10	0.52	ug/L			06/23/20 13:55	2
Bromomethane	ND		20	1.4	ug/L			06/23/20 13:55	2
Carbon disulfide	ND		10	0.38	ug/L			06/23/20 13:55	2
Carbon tetrachloride	ND		10	0.54	ug/L			06/23/20 13:55	2
Chlorobenzene	ND		10	1.5	ug/L			06/23/20 13:55	2
Chloroethane	ND		20	0.64	ug/L			06/23/20 13:55	2
Chloroform	ND		10	0.68	ug/L			06/23/20 13:55	2
Chloromethane	ND		20	0.70	ug/L			06/23/20 13:55	2
cis-1,3-Dichloropropene	ND		10	0.72	ug/L			06/23/20 13:55	2
Dibromochloromethane	ND		10	0.64	ug/L			06/23/20 13:55	2
Ethylbenzene	ND		10	1.5	ug/L			06/23/20 13:55	2
Methylene Chloride	**2.4**	**J**	10	0.88	ug/L			06/23/20 13:55	2
Styrene	ND		10	1.5	ug/L			06/23/20 13:55	2
Tetrachloroethene	ND		10	0.72	ug/L			06/23/20 13:55	2
Toluene	ND		10	1.0	ug/L			06/23/20 13:55	2
trans-1,3-Dichloropropene	ND		10	0.74	ug/L			06/23/20 13:55	2
Trichloroethene	**120**		10	0.92	ug/L			06/23/20 13:55	2
Vinyl acetate	ND		20	1.7	ug/L			06/23/20 13:55	2
Vinyl chloride	ND		20	1.8	ug/L			06/23/20 13:55	2
Xylenes, Total	ND		20	1.3	ug/L			06/23/20 13:55	2

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*90*		*77 - 120*		*06/23/20 13:55*	*2*
4-Bromofluorobenzene (Surr)	*100*		*73 - 120*		*06/23/20 13:55*	*2*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/23/20 13:55*	*2*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-22D

Date Collected: 06/17/20 08:15
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-16

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**14**	**J**	20	3.3	ug/L			06/24/20 15:45	4
1,1,2,2-Tetrachloroethane	ND		20	0.84	ug/L			06/24/20 15:45	4
1,1,2-Trichloroethane	ND		20	0.92	ug/L			06/24/20 15:45	4
1,1-Dichloroethene	ND		20	1.2	ug/L			06/24/20 15:45	4
1,2-Dichloroethane	ND		20	0.84	ug/L			06/24/20 15:45	4
1,2-Dichloroethene, Total	ND		40	3.2	ug/L			06/24/20 15:45	4
1,2-Dichloropropane	ND		20	2.9	ug/L			06/24/20 15:45	4
2-Butanone (MEK)	ND		40	5.3	ug/L			06/24/20 15:45	4
2-Hexanone	ND		40	5.0	ug/L			06/24/20 15:45	4
4-Methyl-2-pentanone (MIBK)	ND		40	8.4	ug/L			06/24/20 15:45	4
Acetone	ND		40	12	ug/L			06/24/20 15:45	4
Benzene	ND		20	1.6	ug/L			06/24/20 15:45	4
Bromodichloromethane	ND		20	1.6	ug/L			06/24/20 15:45	4
Bromoform	ND		20	1.0	ug/L			06/24/20 15:45	4
Bromomethane	ND		40	2.8	ug/L			06/24/20 15:45	4
Carbon disulfide	ND		20	0.76	ug/L			06/24/20 15:45	4
Carbon tetrachloride	ND		20	1.1	ug/L			06/24/20 15:45	4
Chlorobenzene	ND		20	3.0	ug/L			06/24/20 15:45	4
Chloroethane	ND		40	1.3	ug/L			06/24/20 15:45	4
Chloroform	ND		20	1.4	ug/L			06/24/20 15:45	4
Chloromethane	ND		40	1.4	ug/L			06/24/20 15:45	4
cis-1,3-Dichloropropene	ND		20	1.4	ug/L			06/24/20 15:45	4
Dibromochloromethane	ND		20	1.3	ug/L			06/24/20 15:45	4
Ethylbenzene	ND		20	3.0	ug/L			06/24/20 15:45	4
Methylene Chloride	ND		20	1.8	ug/L			06/24/20 15:45	4
Styrene	ND		20	2.9	ug/L			06/24/20 15:45	4
Tetrachloroethene	ND		20	1.4	ug/L			06/24/20 15:45	4
Toluene	ND		20	2.0	ug/L			06/24/20 15:45	4
trans-1,3-Dichloropropene	ND		20	1.5	ug/L			06/24/20 15:45	4
Trichloroethene	**340**		20	1.8	ug/L			06/24/20 15:45	4
Vinyl acetate	ND		40	3.4	ug/L			06/24/20 15:45	4
Vinyl chloride	ND		40	3.6	ug/L			06/24/20 15:45	4
Xylenes, Total	ND		40	2.6	ug/L			06/24/20 15:45	4

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*06/24/20 15:45*	*4*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/24/20 15:45*	*4*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/24/20 15:45*	*4*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-20

Date Collected: 06/18/20 09:46
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-17

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	**2.1**	**J**	5.0	0.82	ug/L			06/24/20 16:08	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/24/20 16:08	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/24/20 16:08	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/24/20 16:08	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/24/20 16:08	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/24/20 16:08	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/24/20 16:08	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/20 16:08	1
2-Hexanone	ND		10	1.2	ug/L			06/24/20 16:08	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/24/20 16:08	1
Acetone	ND		10	3.0	ug/L			06/24/20 16:08	1
Benzene	ND		5.0	0.41	ug/L			06/24/20 16:08	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/24/20 16:08	1
Bromoform	ND		5.0	0.26	ug/L			06/24/20 16:08	1
Bromomethane	ND		10	0.69	ug/L			06/24/20 16:08	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/24/20 16:08	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/24/20 16:08	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/24/20 16:08	1
Chloroethane	ND		10	0.32	ug/L			06/24/20 16:08	1
Chloroform	ND		5.0	0.34	ug/L			06/24/20 16:08	1
Chloromethane	ND		10	0.35	ug/L			06/24/20 16:08	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/24/20 16:08	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/24/20 16:08	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/24/20 16:08	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/24/20 16:08	1
Styrene	ND		5.0	0.73	ug/L			06/24/20 16:08	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/24/20 16:08	1
Toluene	ND		5.0	0.51	ug/L			06/24/20 16:08	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/24/20 16:08	1
Trichloroethene	**7.6**		5.0	0.46	ug/L			06/24/20 16:08	1
Vinyl acetate	ND		10	0.85	ug/L			06/24/20 16:08	1
Vinyl chloride	ND		10	0.90	ug/L			06/24/20 16:08	1
Xylenes, Total	ND		10	0.66	ug/L			06/24/20 16:08	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*110*		*77 - 120*		*06/24/20 16:08*	*1*
4-Bromofluorobenzene (Surr)	*107*		*73 - 120*		*06/24/20 16:08*	*1*
Toluene-d8 (Surr)	*95*		*80 - 120*		*06/24/20 16:08*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: SW-1

Date Collected: 06/18/20 11:25
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-18

Matrix: Water

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/24/20 16:31	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/24/20 16:31	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/24/20 16:31	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/24/20 16:31	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/24/20 16:31	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/24/20 16:31	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/24/20 16:31	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/20 16:31	1
2-Hexanone	ND		10	1.2	ug/L			06/24/20 16:31	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/24/20 16:31	1
Acetone	ND		10	3.0	ug/L			06/24/20 16:31	1
Benzene	ND		5.0	0.41	ug/L			06/24/20 16:31	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/24/20 16:31	1
Bromoform	ND		5.0	0.26	ug/L			06/24/20 16:31	1
Bromomethane	ND		10	0.69	ug/L			06/24/20 16:31	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/24/20 16:31	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/24/20 16:31	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/24/20 16:31	1
Chloroethane	ND		10	0.32	ug/L			06/24/20 16:31	1
Chloroform	ND		5.0	0.34	ug/L			06/24/20 16:31	1
Chloromethane	ND		10	0.35	ug/L			06/24/20 16:31	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/24/20 16:31	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/24/20 16:31	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/24/20 16:31	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/24/20 16:31	1
Styrene	ND		5.0	0.73	ug/L			06/24/20 16:31	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/24/20 16:31	1
Toluene	ND		5.0	0.51	ug/L			06/24/20 16:31	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/24/20 16:31	1
Trichloroethene	ND		5.0	0.46	ug/L			06/24/20 16:31	1
Vinyl acetate	ND		10	0.85	ug/L			06/24/20 16:31	1
Vinyl chloride	ND		10	0.90	ug/L			06/24/20 16:31	1
Xylenes, Total	ND		10	0.66	ug/L			06/24/20 16:31	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*109*		*77 - 120*		*06/24/20 16:31*	*1*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*		*06/24/20 16:31*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/24/20 16:31*	*1*

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: SD-1
Date Collected: 06/18/20 11:27
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-19
Matrix: Solid
Percent Solids: 64.1

Method: 8260C - Volatile Organic Compounds by GC/MS

Analyte	Result	Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND	vs	7.7	0.56	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
1,1,2,2-Tetrachloroethane	ND	vs	7.7	1.3	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
1,1,2-Trichloroethane	ND	vs	7.7	1.0	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
1,1-Dichloroethene	ND	vs	7.7	0.94	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
1,2-Dichloroethane	ND	vs	7.7	0.39	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
1,2-Dichloroethene, Total	ND	vs	15	4.0	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
1,2-Dichloropropane	ND	vs	7.7	3.9	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
2-Butanone (MEK)	ND	vs	39	2.8	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
2-Hexanone	ND	vs	39	3.9	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
4-Methyl-2-pentanone (MIBK)	ND	vs	39	2.5	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Acetone	**11**	**J vs**	39	6.5	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Benzene	ND	vs	7.7	0.38	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Bromodichloromethane	ND	vs	7.7	1.0	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Bromoform	ND	vs	7.7	3.9	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Bromomethane	ND	vs	7.7	0.69	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Carbon disulfide	ND	vs	7.7	3.9	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Carbon tetrachloride	ND	vs	7.7	0.75	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Chlorobenzene	ND	vs	7.7	1.0	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Chloroethane	ND	vs	7.7	1.7	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Chloroform	ND	vs	7.7	0.48	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Chloromethane	ND	vs	7.7	0.47	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
cis-1,3-Dichloropropene	ND	vs	7.7	1.1	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Dibromochloromethane	ND	vs	7.7	0.99	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Ethylbenzene	ND	vs	7.7	0.53	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Methylene Chloride	ND	vs	7.7	3.5	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Styrene	ND	vs	7.7	0.39	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Tetrachloroethene	ND	vs	7.7	1.0	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Toluene	ND	vs	7.7	0.58	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
trans-1,3-Dichloropropene	ND	vs	7.7	3.4	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Trichloroethene	ND	vs	7.7	1.7	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Vinyl acetate	ND	vs	15	3.9	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Vinyl chloride	ND	vs	7.7	0.94	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1
Xylenes, Total	ND	vs	15	1.3	ug/Kg	☼	06/21/20 20:32	06/22/20 04:50	1

Surrogate	*%Recovery*	*Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*64 - 126*	*06/21/20 20:32*	*06/22/20 04:50*	*1*
4-Bromofluorobenzene (Surr)	*102*		*72 - 126*	*06/21/20 20:32*	*06/22/20 04:50*	*1*
Toluene-d8 (Surr)	*101*		*71 - 125*	*06/21/20 20:32*	*06/22/20 04:50*	*1*

Surrogate Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Solid — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DCA (64-126)	BFB (72-126)	TOL (71-125)
480-171453-19	SD-1	98	102	101
LCS 480-537239/1-A	Lab Control Sample	94	104	103
MB 480-537239/2-A	Method Blank	93	103	100

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Matrix: Water — **Prep Type: Total/NA**

		Percent Surrogate Recovery (Acceptance Limits)		
Lab Sample ID	Client Sample ID	DCA (77-120)	BFB (73-120)	TOL (80-120)
480-171453-1	GW-3	99	99	95
480-171453-2	GW-5D	100	94	96
480-171453-3	GW-6	99	89	93
480-171453-4	GW-7	99	93	94
480-171453-5	GW-9	99	91	92
480-171453-6	GW-10	98	90	94
480-171453-7	GW-16	98	91	95
480-171453-8	GW-16D	100	98	97
480-171453-9	GW-21	99	90	92
480-171453-10	GW-23D	101	97	97
480-171453-11	RW-3	104	94	95
480-171453-12	TRIP BLANK	101	99	97
480-171453-13	DUP	104	97	96
480-171453-14	GW-5	99	93	93
480-171453-15	GW-22	90	100	95
480-171453-16	GW-22D	104	106	98
480-171453-17	GW-20	110	107	95
480-171453-18	SW-1	109	106	98
LCS 480-537423/4	Lab Control Sample	96	102	102
LCS 480-537479/5	Lab Control Sample	88	106	97
LCS 480-537706/5	Lab Control Sample	101	106	97
MB 480-537423/6	Method Blank	98	93	94
MB 480-537479/7	Method Blank	97	102	98
MB 480-537706/7	Method Blank	104	105	96

Surrogate Legend

DCA = 1,2-Dichloroethane-d4 (Surr)
BFB = 4-Bromofluorobenzene (Surr)
TOL = Toluene-d8 (Surr)

Method: 8260C - Volatile Organic Compounds by GC/MS

Lab Sample ID: MB 480-537239/2-A
Matrix: Solid
Analysis Batch: 537234

Client Sample ID: Method Blank
Prep Type: Total/NA
Prep Batch: 537239

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.36	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.81	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
1,1,2-Trichloroethane	ND		5.0	0.65	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
1,1-Dichloroethene	ND		5.0	0.61	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
1,2-Dichloroethane	ND		5.0	0.25	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
1,2-Dichloroethene, Total	ND		10	2.6	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
1,2-Dichloropropane	ND		5.0	2.5	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
2-Butanone (MEK)	ND		25	1.8	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
2-Hexanone	ND		25	2.5	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
4-Methyl-2-pentanone (MIBK)	ND		25	1.6	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Acetone	ND		25	4.2	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Benzene	ND		5.0	0.25	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Bromodichloromethane	ND		5.0	0.67	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Bromoform	ND		5.0	2.5	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Bromomethane	ND		5.0	0.45	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Carbon disulfide	ND		5.0	2.5	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Carbon tetrachloride	ND		5.0	0.48	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Chlorobenzene	ND		5.0	0.66	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Chloroethane	ND		5.0	1.1	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Chloroform	ND		5.0	0.31	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Chloromethane	ND		5.0	0.30	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
cis-1,3-Dichloropropene	ND		5.0	0.72	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Dibromochloromethane	ND		5.0	0.64	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Ethylbenzene	ND		5.0	0.35	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Methylene Chloride	ND		5.0	2.3	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Styrene	ND		5.0	0.25	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Tetrachloroethene	ND		5.0	0.67	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Toluene	ND		5.0	0.38	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
trans-1,3-Dichloropropene	ND		5.0	2.2	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Trichloroethene	ND		5.0	1.1	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Vinyl acetate	ND		10	2.5	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Vinyl chloride	ND		5.0	0.61	ug/Kg		06/21/20 20:32	06/21/20 21:52	1
Xylenes, Total	ND		10	0.84	ug/Kg		06/21/20 20:32	06/21/20 21:52	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*93*		*64 - 126*	*06/21/20 20:32*	*06/21/20 21:52*	*1*
4-Bromofluorobenzene (Surr)	*103*		*72 - 126*	*06/21/20 20:32*	*06/21/20 21:52*	*1*
Toluene-d8 (Surr)	*100*		*71 - 125*	*06/21/20 20:32*	*06/21/20 21:52*	*1*

Lab Sample ID: LCS 480-537239/1-A
Matrix: Solid
Analysis Batch: 537234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 537239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	50.0	45.8		ug/Kg		92	77 - 121
1,1,2,2-Tetrachloroethane	50.0	45.2		ug/Kg		90	80 - 120
1,1,2-Trichloroethane	50.0	48.5		ug/Kg		97	78 - 122
1,1-Dichloroethene	50.0	46.7		ug/Kg		93	59 - 125

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-537239/1-A
Matrix: Solid
Analysis Batch: 537234

Client Sample ID: Lab Control Sample
Prep Type: Total/NA
Prep Batch: 537239

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,2-Dichloroethane	50.0	43.5		ug/Kg		87	77 - 122
1,2-Dichloropropane	50.0	47.1		ug/Kg		94	75 - 124
2-Butanone (MEK)	250	267		ug/Kg		107	70 - 134
2-Hexanone	250	289		ug/Kg		116	59 - 130
4-Methyl-2-pentanone (MIBK)	250	282		ug/Kg		113	65 - 133
Acetone	250	252		ug/Kg		101	61 - 137
Benzene	50.0	45.5		ug/Kg		91	79 - 127
Bromodichloromethane	50.0	46.8		ug/Kg		94	80 - 122
Bromoform	50.0	55.9		ug/Kg		112	68 - 126
Bromomethane	50.0	58.8		ug/Kg		118	37 - 149
Carbon disulfide	50.0	46.9		ug/Kg		94	64 - 131
Carbon tetrachloride	50.0	42.2		ug/Kg		84	75 - 135
Chlorobenzene	50.0	46.3		ug/Kg		93	76 - 124
Chloroethane	50.0	54.9		ug/Kg		110	69 - 135
Chloroform	50.0	44.1		ug/Kg		88	80 - 120
Chloromethane	50.0	54.0		ug/Kg		108	63 - 127
cis-1,3-Dichloropropene	50.0	44.1		ug/Kg		88	80 - 120
Dibromochloromethane	50.0	49.2		ug/Kg		98	76 - 125
Ethylbenzene	50.0	47.4		ug/Kg		95	80 - 120
Methylene Chloride	50.0	47.9		ug/Kg		96	61 - 127
Styrene	50.0	44.0		ug/Kg		88	80 - 120
Tetrachloroethene	50.0	45.5		ug/Kg		91	74 - 122
Toluene	50.0	45.7		ug/Kg		91	74 - 128
trans-1,3-Dichloropropene	50.0	45.9		ug/Kg		92	73 - 123
Trichloroethene	50.0	45.4		ug/Kg		91	77 - 129
Vinyl acetate	100	104		ug/Kg		104	53 - 134
Vinyl chloride	50.0	53.7		ug/Kg		107	61 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*94*		*64 - 126*
4-Bromofluorobenzene (Surr)	*104*		*72 - 126*
Toluene-d8 (Surr)	*103*		*71 - 125*

Lab Sample ID: MB 480-537423/6
Matrix: Water
Analysis Batch: 537423

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/22/20 22:41	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/22/20 22:41	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/22/20 22:41	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/22/20 22:41	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/22/20 22:41	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/22/20 22:41	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/22/20 22:41	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/22/20 22:41	1
2-Hexanone	ND		10	1.2	ug/L			06/22/20 22:41	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/22/20 22:41	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-537423/6
Matrix: Water
Analysis Batch: 537423

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Acetone	ND		10	3.0	ug/L			06/22/20 22:41	1
Benzene	ND		5.0	0.41	ug/L			06/22/20 22:41	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/22/20 22:41	1
Bromoform	ND		5.0	0.26	ug/L			06/22/20 22:41	1
Bromomethane	ND		10	0.69	ug/L			06/22/20 22:41	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/22/20 22:41	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/22/20 22:41	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/22/20 22:41	1
Chloroethane	ND		10	0.32	ug/L			06/22/20 22:41	1
Chloroform	ND		5.0	0.34	ug/L			06/22/20 22:41	1
Chloromethane	ND		10	0.35	ug/L			06/22/20 22:41	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/22/20 22:41	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/22/20 22:41	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/22/20 22:41	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/22/20 22:41	1
Styrene	ND		5.0	0.73	ug/L			06/22/20 22:41	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/22/20 22:41	1
Toluene	ND		5.0	0.51	ug/L			06/22/20 22:41	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/22/20 22:41	1
Trichloroethene	ND		5.0	0.46	ug/L			06/22/20 22:41	1
Vinyl acetate	ND		10	0.85	ug/L			06/22/20 22:41	1
Vinyl chloride	ND		10	0.90	ug/L			06/22/20 22:41	1
Xylenes, Total	ND		10	0.66	ug/L			06/22/20 22:41	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*98*		*77 - 120*		*06/22/20 22:41*	*1*
4-Bromofluorobenzene (Surr)	*93*		*73 - 120*		*06/22/20 22:41*	*1*
Toluene-d8 (Surr)	*94*		*80 - 120*		*06/22/20 22:41*	*1*

Lab Sample ID: LCS 480-537423/4
Matrix: Water
Analysis Batch: 537423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	26.0		ug/L		104	73 - 126
1,1,2,2-Tetrachloroethane	25.0	25.9		ug/L		104	76 - 120
1,1,2-Trichloroethane	25.0	25.1		ug/L		100	76 - 122
1,1-Dichloroethene	25.0	26.1		ug/L		105	66 - 127
1,2-Dichloroethane	25.0	23.6		ug/L		95	75 - 120
1,2-Dichloropropane	25.0	27.9		ug/L		112	76 - 120
2-Butanone (MEK)	125	131		ug/L		105	57 - 140
2-Hexanone	125	117		ug/L		94	65 - 127
4-Methyl-2-pentanone (MIBK)	125	113		ug/L		91	71 - 125
Acetone	125	207	*	ug/L		165	56 - 142
Benzene	25.0	27.3		ug/L		109	71 - 124
Bromodichloromethane	25.0	27.1		ug/L		108	80 - 122
Bromoform	25.0	25.4		ug/L		101	61 - 132
Bromomethane	25.0	25.4		ug/L		102	55 - 144

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-537423/4
Matrix: Water
Analysis Batch: 537423

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Carbon disulfide	25.0	26.9		ug/L		107	59 - 134
Carbon tetrachloride	25.0	26.7		ug/L		107	72 - 134
Chlorobenzene	25.0	24.2		ug/L		97	80 - 120
Chloroethane	25.0	25.3		ug/L		101	69 - 136
Chloroform	25.0	25.0		ug/L		100	73 - 127
Chloromethane	25.0	24.9		ug/L		99	68 - 124
cis-1,3-Dichloropropene	25.0	28.8		ug/L		115	74 - 124
Dibromochloromethane	25.0	25.7		ug/L		103	75 - 125
Ethylbenzene	25.0	23.2		ug/L		93	77 - 123
Methylene Chloride	25.0	27.5		ug/L		110	75 - 124
Styrene	25.0	23.7		ug/L		95	80 - 120
Tetrachloroethene	25.0	26.1		ug/L		104	74 - 122
Toluene	25.0	24.9		ug/L		100	80 - 122
trans-1,3-Dichloropropene	25.0	26.2		ug/L		105	80 - 120
Trichloroethene	25.0	26.6		ug/L		106	74 - 123
Vinyl acetate	50.0	52.9		ug/L		106	50 - 144
Vinyl chloride	25.0	23.6		ug/L		94	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*96*		*77 - 120*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*
Toluene-d8 (Surr)	*102*		*80 - 120*

Lab Sample ID: MB 480-537479/7
Matrix: Water
Analysis Batch: 537479

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/23/20 11:25	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/23/20 11:25	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/23/20 11:25	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/23/20 11:25	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/23/20 11:25	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/23/20 11:25	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/23/20 11:25	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/23/20 11:25	1
2-Hexanone	ND		10	1.2	ug/L			06/23/20 11:25	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/23/20 11:25	1
Acetone	ND		10	3.0	ug/L			06/23/20 11:25	1
Benzene	ND		5.0	0.41	ug/L			06/23/20 11:25	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/23/20 11:25	1
Bromoform	ND		5.0	0.26	ug/L			06/23/20 11:25	1
Bromomethane	ND		10	0.69	ug/L			06/23/20 11:25	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/23/20 11:25	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/23/20 11:25	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/23/20 11:25	1
Chloroethane	ND		10	0.32	ug/L			06/23/20 11:25	1
Chloroform	ND		5.0	0.34	ug/L			06/23/20 11:25	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-537479/7
Matrix: Water
Analysis Batch: 537479

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Chloromethane	ND		10	0.35	ug/L			06/23/20 11:25	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/23/20 11:25	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/23/20 11:25	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/23/20 11:25	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/23/20 11:25	1
Styrene	ND		5.0	0.73	ug/L			06/23/20 11:25	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/23/20 11:25	1
Toluene	ND		5.0	0.51	ug/L			06/23/20 11:25	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/23/20 11:25	1
Trichloroethene	ND		5.0	0.46	ug/L			06/23/20 11:25	1
Vinyl acetate	ND		10	0.85	ug/L			06/23/20 11:25	1
Vinyl chloride	ND		10	0.90	ug/L			06/23/20 11:25	1
Xylenes, Total	ND		10	0.66	ug/L			06/23/20 11:25	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*97*		*77 - 120*		*06/23/20 11:25*	*1*
4-Bromofluorobenzene (Surr)	*102*		*73 - 120*		*06/23/20 11:25*	*1*
Toluene-d8 (Surr)	*98*		*80 - 120*		*06/23/20 11:25*	*1*

Lab Sample ID: LCS 480-537479/5
Matrix: Water
Analysis Batch: 537479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	21.5		ug/L		86	73 - 126
1,1,2,2-Tetrachloroethane	25.0	20.7		ug/L		83	76 - 120
1,1,2-Trichloroethane	25.0	23.0		ug/L		92	76 - 122
1,1-Dichloroethene	25.0	23.5		ug/L		94	66 - 127
1,2-Dichloroethane	25.0	20.4		ug/L		82	75 - 120
1,2-Dichloropropane	25.0	24.3		ug/L		97	76 - 120
2-Butanone (MEK)	125	120		ug/L		96	57 - 140
2-Hexanone	125	110		ug/L		88	65 - 127
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		94	71 - 125
Acetone	125	111		ug/L		89	56 - 142
Benzene	25.0	24.0		ug/L		96	71 - 124
Bromodichloromethane	25.0	22.7		ug/L		91	80 - 122
Bromoform	25.0	25.8		ug/L		103	61 - 132
Bromomethane	25.0	21.9		ug/L		88	55 - 144
Carbon disulfide	25.0	24.4		ug/L		98	59 - 134
Carbon tetrachloride	25.0	20.8		ug/L		83	72 - 134
Chlorobenzene	25.0	23.5		ug/L		94	80 - 120
Chloroethane	25.0	24.0		ug/L		96	69 - 136
Chloroform	25.0	22.2		ug/L		89	73 - 127
Chloromethane	25.0	27.7		ug/L		111	68 - 124
cis-1,3-Dichloropropene	25.0	24.5		ug/L		98	74 - 124
Dibromochloromethane	25.0	24.4		ug/L		98	75 - 125
Ethylbenzene	25.0	23.6		ug/L		95	77 - 123
Methylene Chloride	25.0	26.5		ug/L		106	75 - 124

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-537479/5
Matrix: Water
Analysis Batch: 537479

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
Styrene	25.0	25.8		ug/L		103	80 - 120
Tetrachloroethene	25.0	23.7		ug/L		95	74 - 122
Toluene	25.0	24.6		ug/L		99	80 - 122
trans-1,3-Dichloropropene	25.0	23.9		ug/L		96	80 - 120
Trichloroethene	25.0	22.4		ug/L		90	74 - 123
Vinyl acetate	50.0	51.1		ug/L		102	50 - 144
Vinyl chloride	25.0	25.8		ug/L		103	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*88*		*77 - 120*
4-Bromofluorobenzene (Surr)	*106*		*73 - 120*
Toluene-d8 (Surr)	*97*		*80 - 120*

Lab Sample ID: MB 480-537706/7
Matrix: Water
Analysis Batch: 537706

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
1,1,1-Trichloroethane	ND		5.0	0.82	ug/L			06/24/20 11:11	1
1,1,2,2-Tetrachloroethane	ND		5.0	0.21	ug/L			06/24/20 11:11	1
1,1,2-Trichloroethane	ND		5.0	0.23	ug/L			06/24/20 11:11	1
1,1-Dichloroethene	ND		5.0	0.29	ug/L			06/24/20 11:11	1
1,2-Dichloroethane	ND		5.0	0.21	ug/L			06/24/20 11:11	1
1,2-Dichloroethene, Total	ND		10	0.81	ug/L			06/24/20 11:11	1
1,2-Dichloropropane	ND		5.0	0.72	ug/L			06/24/20 11:11	1
2-Butanone (MEK)	ND		10	1.3	ug/L			06/24/20 11:11	1
2-Hexanone	ND		10	1.2	ug/L			06/24/20 11:11	1
4-Methyl-2-pentanone (MIBK)	ND		10	2.1	ug/L			06/24/20 11:11	1
Acetone	ND		10	3.0	ug/L			06/24/20 11:11	1
Benzene	ND		5.0	0.41	ug/L			06/24/20 11:11	1
Bromodichloromethane	ND		5.0	0.39	ug/L			06/24/20 11:11	1
Bromoform	ND		5.0	0.26	ug/L			06/24/20 11:11	1
Bromomethane	ND		10	0.69	ug/L			06/24/20 11:11	1
Carbon disulfide	ND		5.0	0.19	ug/L			06/24/20 11:11	1
Carbon tetrachloride	ND		5.0	0.27	ug/L			06/24/20 11:11	1
Chlorobenzene	ND		5.0	0.75	ug/L			06/24/20 11:11	1
Chloroethane	ND		10	0.32	ug/L			06/24/20 11:11	1
Chloroform	ND		5.0	0.34	ug/L			06/24/20 11:11	1
Chloromethane	ND		10	0.35	ug/L			06/24/20 11:11	1
cis-1,3-Dichloropropene	ND		5.0	0.36	ug/L			06/24/20 11:11	1
Dibromochloromethane	ND		5.0	0.32	ug/L			06/24/20 11:11	1
Ethylbenzene	ND		5.0	0.74	ug/L			06/24/20 11:11	1
Methylene Chloride	ND		5.0	0.44	ug/L			06/24/20 11:11	1
Styrene	ND		5.0	0.73	ug/L			06/24/20 11:11	1
Tetrachloroethene	ND		5.0	0.36	ug/L			06/24/20 11:11	1
Toluene	ND		5.0	0.51	ug/L			06/24/20 11:11	1
trans-1,3-Dichloropropene	ND		5.0	0.37	ug/L			06/24/20 11:11	1
Trichloroethene	ND		5.0	0.46	ug/L			06/24/20 11:11	1

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: MB 480-537706/7
Matrix: Water
Analysis Batch: 537706

Client Sample ID: Method Blank
Prep Type: Total/NA

Analyte	MB Result	MB Qualifier	RL	MDL	Unit	D	Prepared	Analyzed	Dil Fac
Vinyl acetate	ND		10	0.85	ug/L			06/24/20 11:11	1
Vinyl chloride	ND		10	0.90	ug/L			06/24/20 11:11	1
Xylenes, Total	ND		10	0.66	ug/L			06/24/20 11:11	1

Surrogate	*MB %Recovery*	*MB Qualifier*	*Limits*	*Prepared*	*Analyzed*	*Dil Fac*
1,2-Dichloroethane-d4 (Surr)	*104*		*77 - 120*		*06/24/20 11:11*	*1*
4-Bromofluorobenzene (Surr)	*105*		*73 - 120*		*06/24/20 11:11*	*1*
Toluene-d8 (Surr)	*96*		*80 - 120*		*06/24/20 11:11*	*1*

Lab Sample ID: LCS 480-537706/5
Matrix: Water
Analysis Batch: 537706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Analyte	Spike Added	LCS Result	LCS Qualifier	Unit	D	%Rec	%Rec. Limits
1,1,1-Trichloroethane	25.0	29.6		ug/L		118	73 - 126
1,1,2,2-Tetrachloroethane	25.0	21.6		ug/L		86	76 - 120
1,1,2-Trichloroethane	25.0	23.0		ug/L		92	76 - 122
1,1-Dichloroethene	25.0	23.8		ug/L		95	66 - 127
1,2-Dichloroethane	25.0	24.9		ug/L		100	75 - 120
1,2-Dichloropropane	25.0	21.5		ug/L		86	76 - 120
2-Butanone (MEK)	125	102		ug/L		82	57 - 140
2-Hexanone	125	119		ug/L		95	65 - 127
4-Methyl-2-pentanone (MIBK)	125	117		ug/L		93	71 - 125
Acetone	125	98.8		ug/L		79	56 - 142
Benzene	25.0	21.9		ug/L		88	71 - 124
Bromodichloromethane	25.0	24.4		ug/L		98	80 - 122
Bromoform	25.0	21.6		ug/L		86	61 - 132
Bromomethane	25.0	28.0		ug/L		112	55 - 144
Carbon disulfide	25.0	21.7		ug/L		87	59 - 134
Carbon tetrachloride	25.0	26.9		ug/L		108	72 - 134
Chlorobenzene	25.0	22.6		ug/L		90	80 - 120
Chloroethane	25.0	27.7		ug/L		111	69 - 136
Chloroform	25.0	23.6		ug/L		94	73 - 127
Chloromethane	25.0	20.7		ug/L		83	68 - 124
cis-1,3-Dichloropropene	25.0	23.3		ug/L		93	74 - 124
Dibromochloromethane	25.0	23.1		ug/L		92	75 - 125
Ethylbenzene	25.0	23.1		ug/L		92	77 - 123
Methylene Chloride	25.0	23.4		ug/L		93	75 - 124
Styrene	25.0	24.0		ug/L		96	80 - 120
Tetrachloroethene	25.0	24.2		ug/L		97	74 - 122
Toluene	25.0	22.0		ug/L		88	80 - 122
trans-1,3-Dichloropropene	25.0	23.9		ug/L		96	80 - 120
Trichloroethene	25.0	24.1		ug/L		96	74 - 123
Vinyl acetate	50.0	48.9		ug/L		98	50 - 144
Vinyl chloride	25.0	25.0		ug/L		100	65 - 133

Surrogate	*LCS %Recovery*	*LCS Qualifier*	*Limits*
1,2-Dichloroethane-d4 (Surr)	*101*		*77 - 120*

Method: 8260C - Volatile Organic Compounds by GC/MS (Continued)

Lab Sample ID: LCS 480-537706/5
Matrix: Water
Analysis Batch: 537706

Client Sample ID: Lab Control Sample
Prep Type: Total/NA

Surrogate	LCS %Recovery	LCS Qualifier	Limits
4-Bromofluorobenzene (Surr)	106		73 - 120
Toluene-d8 (Surr)	97		80 - 120

GC/MS VOA

Analysis Batch: 537234

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171453-19	SD-1	Total/NA	Solid	8260C	537239
MB 480-537239/2-A	Method Blank	Total/NA	Solid	8260C	537239
LCS 480-537239/1-A	Lab Control Sample	Total/NA	Solid	8260C	537239

Prep Batch: 537239

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171453-19	SD-1	Total/NA	Solid	5035A_L	
MB 480-537239/2-A	Method Blank	Total/NA	Solid	5035A_L	
LCS 480-537239/1-A	Lab Control Sample	Total/NA	Solid	5035A_L	

Analysis Batch: 537423

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171453-1	GW-3	Total/NA	Water	8260C	
480-171453-2	GW-5D	Total/NA	Water	8260C	
480-171453-3	GW-6	Total/NA	Water	8260C	
480-171453-4	GW-7	Total/NA	Water	8260C	
480-171453-5	GW-9	Total/NA	Water	8260C	
480-171453-6	GW-10	Total/NA	Water	8260C	
480-171453-7	GW-16	Total/NA	Water	8260C	
480-171453-8	GW-16D	Total/NA	Water	8260C	
480-171453-9	GW-21	Total/NA	Water	8260C	
480-171453-10	GW-23D	Total/NA	Water	8260C	
480-171453-11	RW-3	Total/NA	Water	8260C	
480-171453-12	TRIP BLANK	Total/NA	Water	8260C	
480-171453-13	DUP	Total/NA	Water	8260C	
480-171453-14	GW-5	Total/NA	Water	8260C	
MB 480-537423/6	Method Blank	Total/NA	Water	8260C	
LCS 480-537423/4	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 537479

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171453-15	GW-22	Total/NA	Water	8260C	
MB 480-537479/7	Method Blank	Total/NA	Water	8260C	
LCS 480-537479/5	Lab Control Sample	Total/NA	Water	8260C	

Analysis Batch: 537706

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171453-16	GW-22D	Total/NA	Water	8260C	
480-171453-17	GW-20	Total/NA	Water	8260C	
480-171453-18	SW-1	Total/NA	Water	8260C	
MB 480-537706/7	Method Blank	Total/NA	Water	8260C	
LCS 480-537706/5	Lab Control Sample	Total/NA	Water	8260C	

General Chemistry

Analysis Batch: 537415

Lab Sample ID	Client Sample ID	Prep Type	Matrix	Method	Prep Batch
480-171453-19	SD-1	Total/NA	Solid	Moisture	

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-3
Date Collected: 06/16/20 14:39
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-1
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 00:31	CRL	TAL BUF

Client Sample ID: GW-5D
Date Collected: 06/16/20 11:45
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-2
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 00:56	CRL	TAL BUF

Client Sample ID: GW-6
Date Collected: 06/17/20 09:10
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-3
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 01:21	CRL	TAL BUF

Client Sample ID: GW-7
Date Collected: 06/17/20 10:13
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-4
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 01:46	CRL	TAL BUF

Client Sample ID: GW-9
Date Collected: 06/16/20 13:44
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-5
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 02:10	CRL	TAL BUF

Client Sample ID: GW-10
Date Collected: 06/17/20 11:14
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-6
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 02:35	CRL	TAL BUF

Client Sample ID: GW-16
Date Collected: 06/18/20 09:03
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-7
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 03:00	CRL	TAL BUF

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-16D
Lab Sample ID: 480-171453-8
Date Collected: 06/18/20 08:12
Matrix: Water
Date Received: 06/19/20 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 03:25	CRL	TAL BUF

Client Sample ID: GW-21
Lab Sample ID: 480-171453-9
Date Collected: 06/18/20 10:38
Matrix: Water
Date Received: 06/19/20 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 03:50	CRL	TAL BUF

Client Sample ID: GW-23D
Lab Sample ID: 480-171453-10
Date Collected: 06/17/20 13:17
Matrix: Water
Date Received: 06/19/20 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		8	537423	06/23/20 04:15	CRL	TAL BUF

Client Sample ID: RW-3
Lab Sample ID: 480-171453-11
Date Collected: 06/17/20 14:11
Matrix: Water
Date Received: 06/19/20 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 04:40	CRL	TAL BUF

Client Sample ID: TRIP BLANK
Lab Sample ID: 480-171453-12
Date Collected: 06/18/20 11:45
Matrix: Water
Date Received: 06/19/20 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 05:04	CRL	TAL BUF

Client Sample ID: DUP
Lab Sample ID: 480-171453-13
Date Collected: 06/18/20 10:38
Matrix: Water
Date Received: 06/19/20 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537423	06/23/20 05:29	CRL	TAL BUF

Client Sample ID: GW-5
Lab Sample ID: 480-171453-14
Date Collected: 06/16/20 13:06
Matrix: Water
Date Received: 06/19/20 12:50

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		10	537423	06/23/20 05:54	CRL	TAL BUF

Lab Chronicle

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Client Sample ID: GW-22
Date Collected: 06/17/20 07:28
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-15
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		2	537479	06/23/20 13:55	CRL	TAL BUF

Client Sample ID: GW-22D
Date Collected: 06/17/20 08:15
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-16
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		4	537706	06/24/20 15:45	WJD	TAL BUF

Client Sample ID: GW-20
Date Collected: 06/18/20 09:46
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-17
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537706	06/24/20 16:08	WJD	TAL BUF

Client Sample ID: SW-1
Date Collected: 06/18/20 11:25
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-18
Matrix: Water

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	8260C		1	537706	06/24/20 16:31	WJD	TAL BUF

Client Sample ID: SD-1
Date Collected: 06/18/20 11:27
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-19
Matrix: Solid

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Analysis	Moisture		1	537415	06/22/20 17:38	CDC	TAL BUF

Client Sample ID: SD-1
Date Collected: 06/18/20 11:27
Date Received: 06/19/20 12:50

Lab Sample ID: 480-171453-19
Matrix: Solid
Percent Solids: 64.1

Prep Type	Batch Type	Batch Method	Run	Dilution Factor	Batch Number	Prepared or Analyzed	Analyst	Lab
Total/NA	Prep	5035A_L			537239	06/21/20 20:32	CDC	TAL BUF
Total/NA	Analysis	8260C		1	537234	06/22/20 04:50	WJD	TAL BUF

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Accreditation/Certification Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Laboratory: Eurofins TestAmerica, Buffalo

Unless otherwise noted, all analytes for this laboratory were covered under each accreditation/certification below.

Authority	Program	Identification Number	Expiration Date
New York	NELAP	10026	04-02-21

The following analytes are included in this report, but the laboratory is not certified by the governing authority. This list may include analytes for which the agency does not offer certification.

Analysis Method	Prep Method	Matrix	Analyte
8260C		Water	1,2-Dichloroethene, Total
8260C	5035A_L	Solid	1,2-Dichloroethene, Total
Moisture		Solid	Percent Moisture
Moisture		Solid	Percent Solids

Method Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Method	Method Description	Protocol	Laboratory
8260C	Volatile Organic Compounds by GC/MS	SW846	TAL BUF
Moisture	Percent Moisture	EPA	TAL BUF
5030C	Purge and Trap	SW846	TAL BUF
5035A_L	Closed System Purge and Trap	SW846	TAL BUF

Protocol References:

EPA = US Environmental Protection Agency

SW846 = "Test Methods For Evaluating Solid Waste, Physical/Chemical Methods", Third Edition, November 1986 And Its Updates.

Laboratory References:

TAL BUF = Eurofins TestAmerica, Buffalo, 10 Hazelwood Drive, Amherst, NY 14228-2298, TEL (716)691-2600

Sample Summary

Client: KPRG and Associates, Inc.
Project/Site: Machias site

Job ID: 480-171453-1

Lab Sample ID	Client Sample ID	Matrix	Collected	Received	Asset ID
480-171453-1	GW-3	Water	06/16/20 14:39	06/19/20 12:50	
480-171453-2	GW-5D	Water	06/16/20 11:45	06/19/20 12:50	
480-171453-3	GW-6	Water	06/17/20 09:10	06/19/20 12:50	
480-171453-4	GW-7	Water	06/17/20 10:13	06/19/20 12:50	
480-171453-5	GW-9	Water	06/16/20 13:44	06/19/20 12:50	
480-171453-6	GW-10	Water	06/17/20 11:14	06/19/20 12:50	
480-171453-7	GW-16	Water	06/18/20 09:03	06/19/20 12:50	
480-171453-8	GW-16D	Water	06/18/20 08:12	06/19/20 12:50	
480-171453-9	GW-21	Water	06/18/20 10:38	06/19/20 12:50	
480-171453-10	GW-23D	Water	06/17/20 13:17	06/19/20 12:50	
480-171453-11	RW-3	Water	06/17/20 14:11	06/19/20 12:50	
480-171453-12	TRIP BLANK	Water	06/18/20 11:45	06/19/20 12:50	
480-171453-13	DUP	Water	06/18/20 10:38	06/19/20 12:50	
480-171453-14	GW-5	Water	06/16/20 13:06	06/19/20 12:50	
480-171453-15	GW-22	Water	06/17/20 07:28	06/19/20 12:50	
480-171453-16	GW-22D	Water	06/17/20 08:15	06/19/20 12:50	
480-171453-17	GW-20	Water	06/18/20 09:46	06/19/20 12:50	
480-171453-18	SW-1	Water	06/18/20 11:25	06/19/20 12:50	
480-171453-19	SD-1	Solid	06/18/20 11:27	06/19/20 12:50	

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ART KOSKC	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-147095-27161.1
Client Contact: Mr. Rich Gnat	Phone:	E-Mail: brian.fischer@testamericainc.com		Page: Page 1 of 2
Company: KPRG and Associates, Inc.				Job #:
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005				
Phone: 262-781-0475(Tel)	PO #: Purchase Order not required			
Email: richardg@kprginc.com	WO #:			
Project Name: Machias site	Project #: 48004429			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	8260C - (MOD) TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N		
GW-3	6-16-20	14:39	G	Water			3			
GW-5D	6-16-20	11:45		Water			3			
GW-6	6-17-20	9:10		Water			3			
GW-7	6-17-20	10:13		Water			3			
GW-9	6-16-20	13:44		Water			3			
GW-10	6-17-20	11:14		Water			3			
GW-16	6-18-20	9:03		Water			3			
GW-16D	6-18-20	8:12		Water			3			
GW-21	6-18-20	10:38		Water			3			
GW-23D	6-17-20	13:17		Water			3			
RW-3	6-17-20	14:11		Water			3			

480-171453 Chain of Custody

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by: | Date: | Time: | Method of Shipment:

	Date/Time	Company	Received by	Date/Time	Company
Relinquished by:		SSB Brokers		6/15/20 10:15	
Relinquished by:	6/15/20 12:50			6/19/20 0750	
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks: #1 3.2

Ver: 01/16/2019

Eurofins TestAmerica, Buffalo
10 Hazelwood Drive
Amherst, NY 14228-2298
Phone: 716-691-2600 Fax: 716-691-7991

Chain of Custody Record

eurofins | Environment Testing America

Client Information	Sampler: ART KOSKE	Lab PM: Fischer, Brian J	Carrier Tracking No(s):	COC No: 480-147095-27161.2
Client Contact: Mr. Rich Gnat	Phone:	E-Mail: brian.fischer@testamericainc.com		Page: Page 2 of 2
Company: KPRG and Associates, Inc.				Job #:
Address: 14665 West Lisbon Road, Suite 1A	Due Date Requested:			
City: Brookfield	TAT Requested (days):			
State, Zip: WI, 53005				
Phone: 262-781-0475(Tel)	PO #: Purchase Order not required			
Email: richardg@kprginc.com	WO #:			
Project Name: Machias site	Project #: 48004429			
Site:	SSOW#:			

Analysis Requested

Preservation Codes:

A - HCL	M - Hexane
B - NaOH	N - None
C - Zn Acetate	O - AsNaO2
D - Nitric Acid	P - Na2O4S
E - NaHSO4	Q - Na2SO3
F - MeOH	R - Na2S2O3
G - Amchlor	S - H2SO4
H - Ascorbic Acid	T - TSP Dodecahydrate
I - Ice	U - Acetone
J - DI Water	V - MCAA
K - EDTA	W - pH 4-5
L - EDA	Z - other (specify)

Other:

Sample Identification	Sample Date	Sample Time	Sample Type (C=Comp, G=grab)	Matrix (W=water, S=solid, O=waste/oil, BT=Tissue, A=Air)	Field Filtered Sample (Yes or No)	Perform MS/MSD (Yes or No)	8260C - (MOD) TCL list OLM04.2	8260C - (MOD) TCL list OLM04.2	Total Number of containers	Special Instructions/Note:
			Preservation Code:				A	N		
TRIP BLANK	6-18-20	11:45	G	Water			3			
DUP	6-18-20	10:38		Water			3			
GW-5	6-16-20	13:06		Water			3			
GW-22	6-17-20	7:28		Water			3			
GW-22D	6-17-20	8:15		Water			3			
GW-20	6-18-20	9:46		Water			3			
SW-1	6-18-20	11:25		Water			3			
SD-1	6-18-20	11:27		Solid			3			

Possible Hazard Identification
☒ Non-Hazard ☐ Flammable ☐ Skin Irritant ☐ Poison B ☐ Unknown ☐ Radiological

Sample Disposal (A fee may be assessed if samples are retained longer than 1 month)
☐ Return To Client ☒ Disposal By Lab ☐ Archive For _____ Months

Deliverable Requested: I, II, III, IV, Other (specify)

Special Instructions/QC Requirements:

Empty Kit Relinquished by:	Date:	Time:	Method of Shipment:

	Date/Time	Company		Date/Time	Company
Relinquished by:		SJB	Received by:	6/18/20 10:15	TAB
Relinquished by:	6/15/20 12:50	PM	Received by:	6/19/20 1250	TAB
Relinquished by:	Date/Time:	Company	Received by:	Date/Time:	Company

Custody Seals Intact: Δ Yes Δ No | Custody Seal No.:

Cooler Temperature(s) °C and Other Remarks:

Ver: 01/16/2019

Login Sample Receipt Checklist

Client: KPRG and Associates, Inc.

Job Number: 480-171453-1

Login Number: 171453
List Number: 1
Creator: Wallace, Cameron

List Source: Eurofins TestAmerica, Buffalo

Question	Answer	Comment
Radioactivity either was not measured or, if measured, is at or below background	True	
The cooler's custody seal, if present, is intact.	True	
The cooler or samples do not appear to have been compromised or tampered with.	True	
Samples were received on ice.	True	
Cooler Temperature is acceptable.	True	
Cooler Temperature is recorded.	True	
COC is present.	True	
COC is filled out in ink and legible.	True	
COC is filled out with all pertinent information.	True	
Is the Field Sampler's name present on COC?	True	
There are no discrepancies between the sample IDs on the containers and the COC.	True	
Samples are received within Holding Time (Excluding tests with immediate HTs)..	True	
Sample containers have legible labels.	True	
Containers are not broken or leaking.	True	
Sample collection date/times are provided.	True	
Appropriate sample containers are used.	True	
Sample bottles are completely filled.	True	
Sample Preservation Verified	True	
There is sufficient vol. for all requested analyses, incl. any requested MS/MSDs	True	
VOA sample vials do not have headspace or bubble is <6mm (1/4") in diameter.	True	
If necessary, staff have been informed of any short hold time or quick TAT needs	True	
Multiphasic samples are not present.	True	
Samples do not require splitting or compositing.	True	
Sampling Company provided.	True	
Samples received within 48 hours of sampling.	True	
Samples requiring field filtration have been filtered in the field.	True	
Chlorine Residual checked.	N/A	

15.4

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-3 Site: MACHLAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 80°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.8

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
14:15	47.92	59.3	1	6.63	.546	11.43	CLOUDY	NO	.476
14:20			2	6.63	.589	10.38	CLOUDY	NO	.531
14:25			3	6.55	.629	10.26	CLOUDY	NO	.569
14:29			4	6.42	.650	10.27	CLOUDY	NO	.589
14:33			5	6.36	.626	10.21	CLOUDY	NO	.567
14:39			6	6.39	.648	10.44	CLOUDY	NO	.583
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 6/16/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

3.13

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-5 Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 80°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.0

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
12:50	47.57	54.1	–	6.38	.381	13.57	CLEAR	N	NO
12:55			1	6.99	.350	10.99	CLEAR	N	NO .310
12:59			2	6.89	.341	10.21	CLEAR	NO	.309
13:02			3	6.85	.339	10.26	CLEAR	NO	.309
13:06			4	6.82	.340	10.06	CLEAR	NO	.309
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: _____

Date: 6/16/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-5D Site: MACHIAS SITE

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 80°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 8.22

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	mS/cm Cond.	Temp.	Color	Odor Y/N	Turbidity
10:12	49.12	100.50	(1)8.22 (3)24.7 5	8.21	.267	11.76	CLEAR	NO	NO
11:05			10	7.81	.247	10.88	CLEAR	NO	NO
11:17			15	7.65	.247	10.56	CLEAR	NO	NO
11:32			20	7.66	.249	10.61	CLEAR	NO	NO
11:46			25	7.70	2.50	10.27	CLEAR	NO	NO
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: _____

Date: 6/16/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SBI SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-6 Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 64

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.3

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
8:51	48.22	56.6	1	7.25	.529	10.84	CLEAR	NO	.470
8:55			2	7.13	.534	10.22	CLOUDY	NO	.484
8:59			3	7.14	.549	10.12	CLOUDY	NO	.499
9:03			4	7.16	.548	10.04	CLOUDY	NO	.499
9:06			5	7.17	.544	9.88	CLOUDY	NO	.497
9:10			6	7.17	.543	9.99	CLOUDY	NO	.495
		Sample Readings							

Comments: WELL PAD HEAVED. PRO CASING CAP HINGE BROKE.

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 6/17/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

3-8

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-7 Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 64°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.3

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
9:46	38.98	47.0	1	7.72	.370	11.98	SLIGHT RUST	NO	.318
9:50			2	7.35	.343	10.43	SLIGHT RUST	NO	.309
9:54			3	7.45	.339	10.40	SLIGHT RUST	NO	.306
9:59			4	7.31	.338	10.26	SLIGHT RUST	NO	.306
10:04			5	7.20	.338	10.16	SLIGHT RUST	NO	.307
10:08			6	7.39	.338	10.15	SLIGHT RUST	NO	.306
10:13			7	7.40	.340	10.26	SLIGHT RUST	NO	.307
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 6/17/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-9 Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 80°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.0

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
13:25	56.47	62.8	—	6.82	.479	10.37	CLEAR	NO	.429
13:28			1	6.41	.470	9.69	CLEAR	NO	.430
13:32			2	6.25	.467	9.66	CLOUDY	NO	.431
13:36			3	6.17	.466	9.59	CLOUDY	NO	.429
13:41			4	6.11	.465	9.50	CLOUDY	NO	.430
13:44			5	6.11	.466	9.67	CLOUDY	NO	.428
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: _____

Date: 6/16/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

1.5

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-10 Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 72°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: .5

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
10:56	11.41	14.55	.5	7.20	.616	9.67	RED CLOUDY	NO	.560
10:58			1	7.26	.591	8.62	RED CLOUDY	NO	.557
11:00			1.5	6.66	.580	8.44	RED CLOUDY	NO	.551
11:02			2.0	6.63	.571	8.46	RED CLOUDY	NO	.541
11:04			2.5	6.64	.565	8.51	RED CLOUDY	NO	.536
11:06			3.0	6.65	.578	8.26	RED CLOUDY	NO	.552
11:08			3.5	6.64	.562	8.34	RED CLOUDY	NO	.535
11:10			4.0	6.59	.585	8.19	RED CLOUDY	NO	.557
11:12			4.5	6.55	.585	8.15	RED CLOUDY	NO	.560
11:14			5.0	6.50	.588	8.19	RED CLOUDY	NO	.557
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: _____

Date: 6/17/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-16 Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 63°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.0

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
8:33	10.42	16.7	1	.68	.399	8.44	MUDDY BROWN	NO	.379
8:37			2	.86	.399	8.40	MUDDY BROWN	NO	.380
8.39			3	.79	.398	8.33	MUDDY BROWN	NO	.380
8.42			4	1.07	.398	8.24	DARK TAN	NO	.380
8.44			5	1.21	.397	8.21	DARK TAN	NO	.380
8.48			6	1.04	.396	8.27	TAN	NO	.379
8.50			7	1.01	.395	8.09	TAN	NO	.380
8.53			8	.44	.395	8.07	TAN	NO	.379
8.57			9	7.67	.396	8.09	TAN	NO	.379
9:00			10	7.65	.396	8.10	TAN	NO	.380
9:03		Sample Readings	11	7.63	.395	8.09	TAN	NO	.379

Comments: WELL IN GOOD CONDITION. PH READINGS BAD. POOR CONNECTION WITH CABLE + METER

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 6/18/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SJB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-6D Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 63°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 4.5

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
7:42	8.92	37.05	2½	8.58	.368	8.63	CLOUDY	NO	.348
7:45			5	8.42	.371	8.72	CLOUDY	NO	.350
7:52			10	8.30	.372	8.77	CLOUDY	NO	.351
7:58			15	8:26	.373	8.77	CLOUDY	NO	.351
8:05			20	8.17	.373	8.76	CLOUDY	NO	.351
8:12			25	8.08	.373	8.76	CLEAR	NO	.351
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 6/18/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

4.2

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-20 Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 72°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.4

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
9:36	3.58	12.4	1	7.98	.326	8.57	CLEAR	NO	.309
9:39			2	7.86	.325	8.56	CLEAR	NO	.308
9:41			3	7.83	.324	8.55	CLEAR	NO	.308
9:44			4	7.80	.324	8.52	CLEAR	NO	.307
9:46			5	7.78	.323	8.49	CLEAR	NO	.307
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 6/18/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-21 Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☐ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 73°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: .85

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
10:15	7.37	12.7	1	7.86	.346	10.09	TAN CLOUDY	NO	.315
10:21			2	7.77	.342	9.74	TAN CLOUDY	NO	.314
10:24			3	7.69	.340	9.70	TAN CLOUDY	NO	.312
10:27			4	7.62	.338	9.68	TAN CLOUDY	NO	.311
10:31			5	7.57	.336	9.65	TAN CLOUDY	NO	.309
10:35			6	7.52	.333	9.58	TAN CLOUDY	NO	.307
10:38			7	7.47	3.31	9.59	TAN CLOUDY	NO	.305
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☒ No.: DUP

Signature: _____

Date: 6/18/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

15.3

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-22 Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 55

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.6

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
7:12	48.31	58.4	1	8.40	.416	10.78	CLOUDY	NO	.370
7:16			2	8.03	.389	10.03	CLOUDY	NO	.354
7:19			3	7.89	.386	9.73	CLOUDY	NO	.354
7:24			4	7.94	.383	9.68	CLOUDY	NO	.352
7:28			5	7.99	.381	9.63	CLOUDY	NO	.350
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 6/17/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

~~8~~ 15-3

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-22D Site: MATHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: 61° SUNNY

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 1.6

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
7:46	47.75 ~~48.51~~	79.7 ~~80.51~~	< 2	7.93	.353	9.90	CLEAR	NO	.322
7:54			5	7.92	.355	9.61	CLEAR	NO	.327
8:05			10	7.88	.358	9.65	CLEAR	NO	.329
8:15			15	7.82	.359	9.72	CLEAR	NO	.329
8:21			16	7.73	.357	9.63	CLEAR	NO	.329
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: _____

Date: 6/17/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

15.4

SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. GW-23D Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: 75° SUNNY

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 5.14

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
12:35	10.62	42.75	2.5	.52	.327	9.14	CLEAR TAN	NO	.306
12:40			5	1.58	.322	8.72	CLEAR TAN	NO	.303
12:48			10	8.33	.320	8.71	CLEAR TAN	NO	.302
12:55			15	1.60	.319	8.77	CLEAR	NO	.301
13:03			20	7.98	.320	8.84	CLEAR	NO	.301
13:11			25	7.86	.320	8.83	CLEAR	NO	.301
13:17			30	7.84	.320	8.84	CLEAR	NO	.301
		Sample Readings							

Comments: WELL IN GOOD CONDITION, HAD PROBLEM WITH PH SENSOR.

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 6/17/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. RW-3 Site: MACHIAS _____

Purging Method: Pumped ☐ Bailed ☒ Other: _____

Pump Type: _____ Bailer Type: 2"

Weather Conditions: SUNNY 77°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed)

Gals./well vol.: 50.2

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
13:50	5.22	39.4	5	7.92	.179	8.28	CLEAR RUST	NO	.171
13:57			10	8.09	.179	8.37	CLEAR RUST	NO	.170
14:04			15	8.07	.178	8.10	CLEAR RUST	NO	.170
14:11			20	8.03	.177	8.32	CLEAR RUST	NO	.169
		Sample Readings							

Comments: WELL IN GOOD CONDITION

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

Signature: [signature]

Date: 6/17/20

HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

SB SERVICES, INC.

Well Purging and Sample Collection

Project No.: _____ Well No. SW-1 Site: MACHIAS

Purging Method: Pumped ☐ Bailed ☐ Other: _____

Pump Type: _____ Bailer Type: _____

Weather Conditions: SUNNY 75°

Volume Calculation: _____

(D.T.B. – D.T.W. x vol./ft. = Gals./well vol.)
(Gals./well vol. x 5 = Total Volume to be removed) Gals./well vol.: _____

Time	Depth to Water (D.T.W.)	Depth to Bottom (D.T.B.)	Volume Removed (gal.)	pH	Cond.	Temp.	Color	Odor Y/N	TDS Turbidity
11:20				7.86	.351	17.66	CLEAR	NO	.265
11:26	SW-1								
11:27	SD-1								
		Sample Readings							

Comments: _____

Inside Diameter	vol./ft.
1"	0.04
1.25"	0.06
2"	0.16
4"	0.65

Field Blank Taken ☐ Time: _____

Well Duplicate ☐ No.: _____

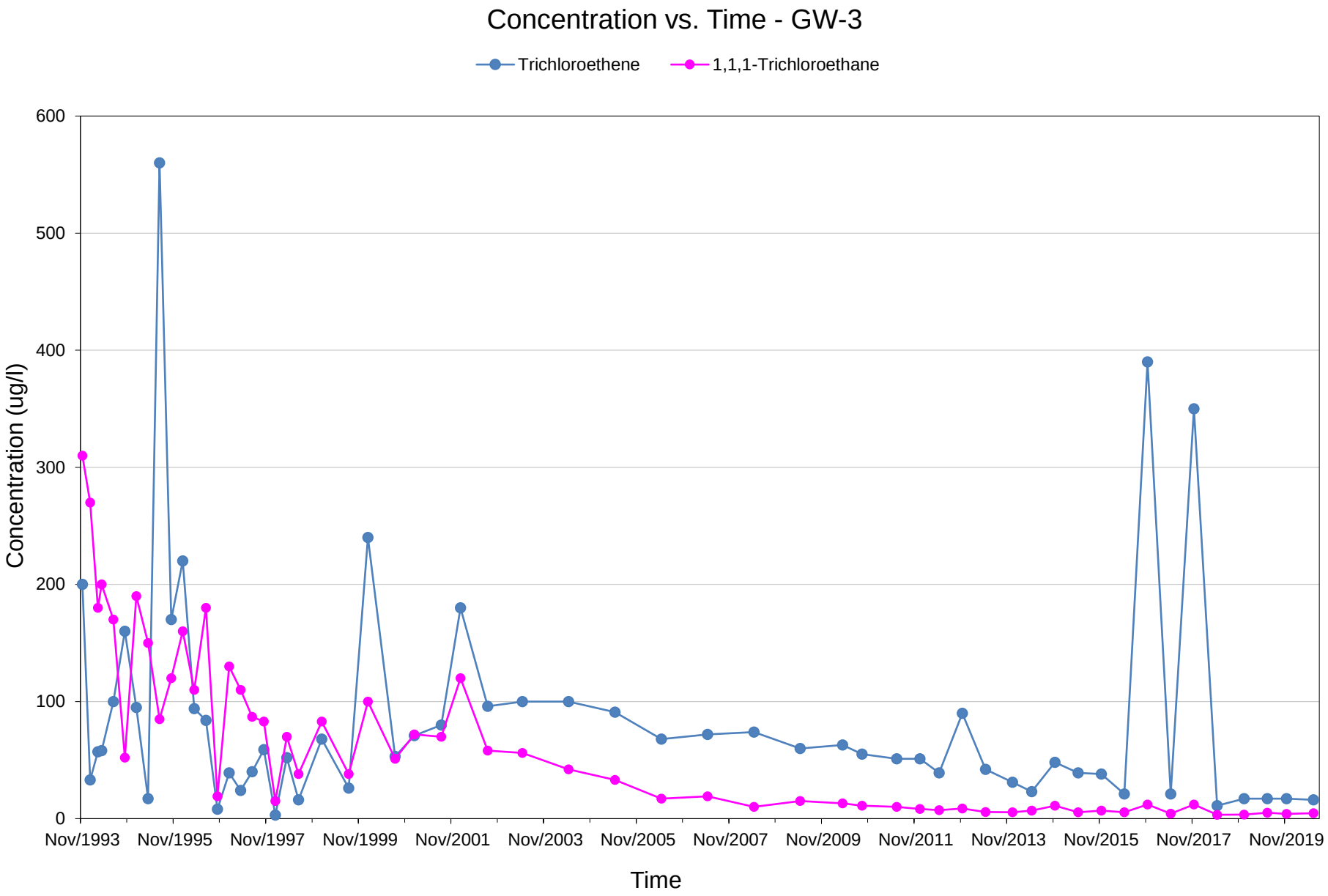
Signature: [signature]

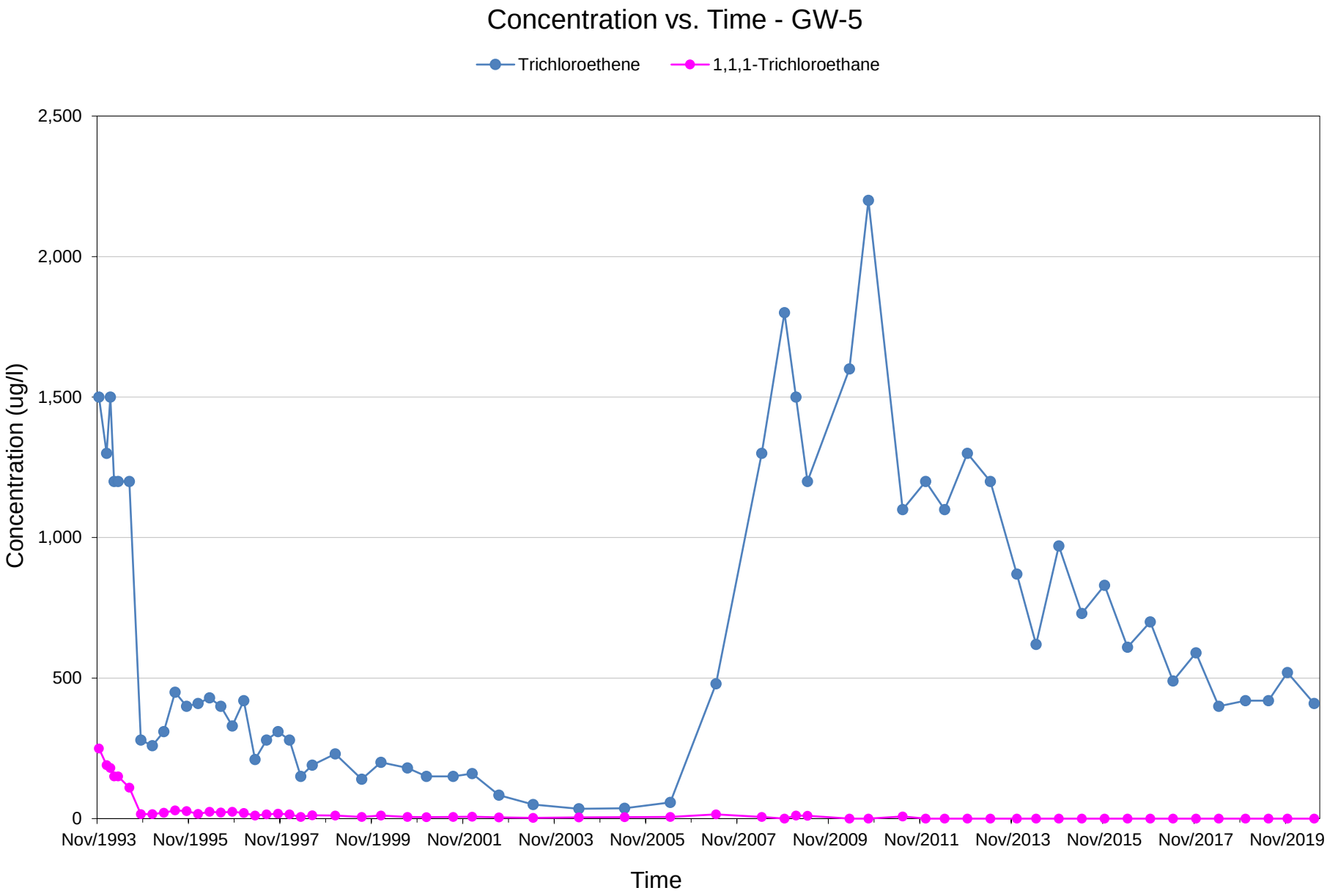
Date: 6/18/20

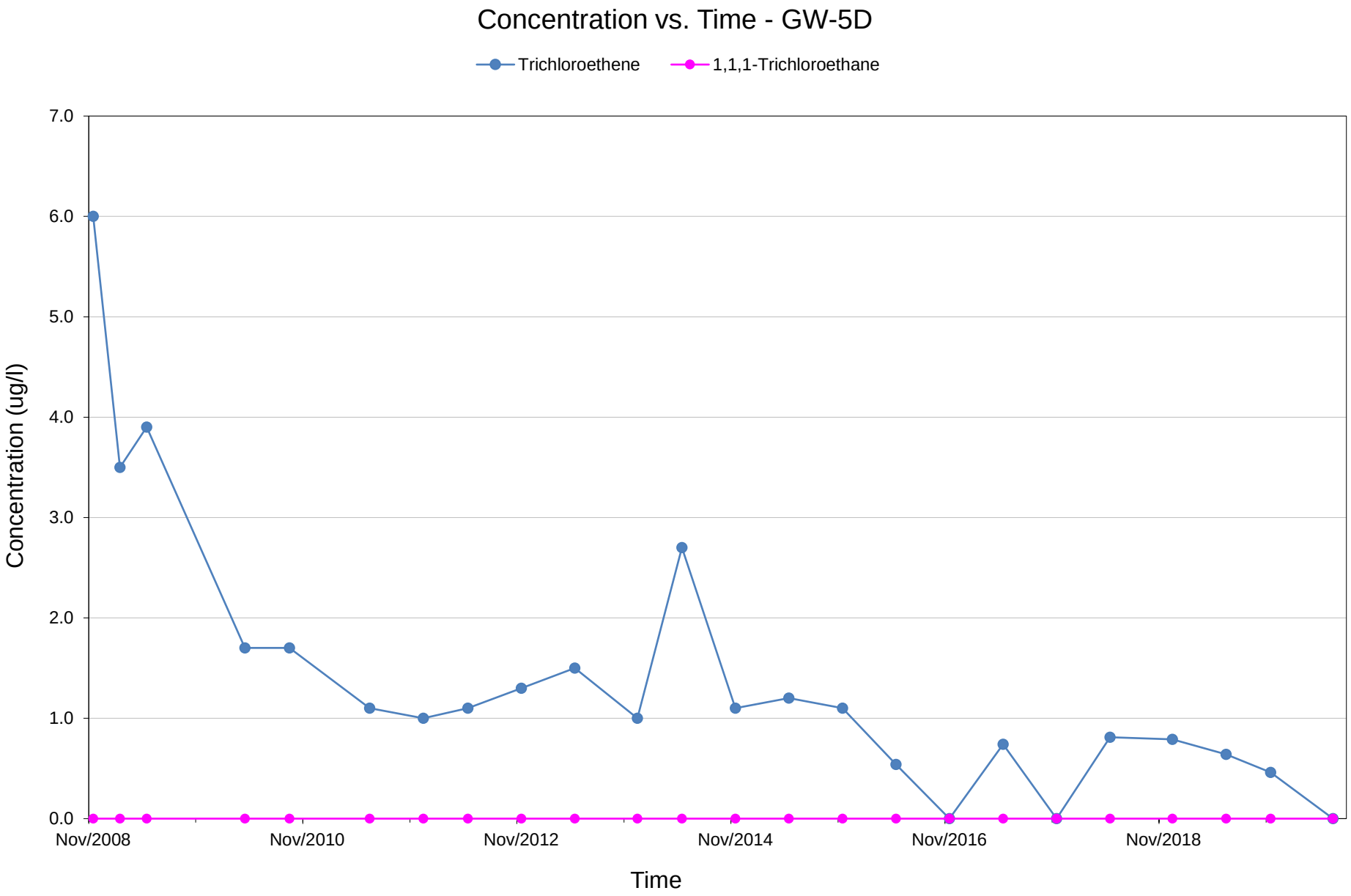
HNu/PPM	LEL/%	O2/%	H2S/PPM	CO/PPM	

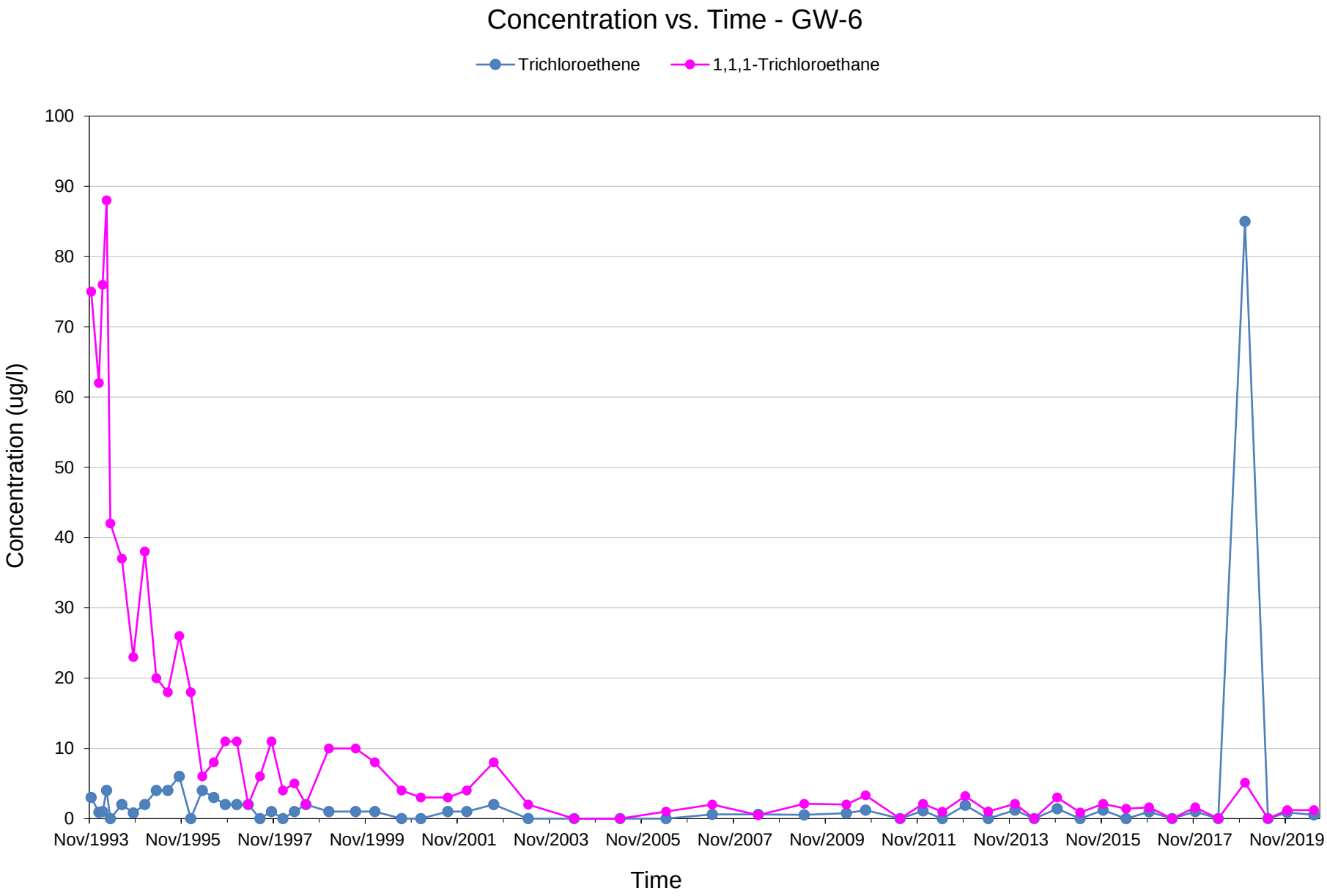
ATTACHMENT 4

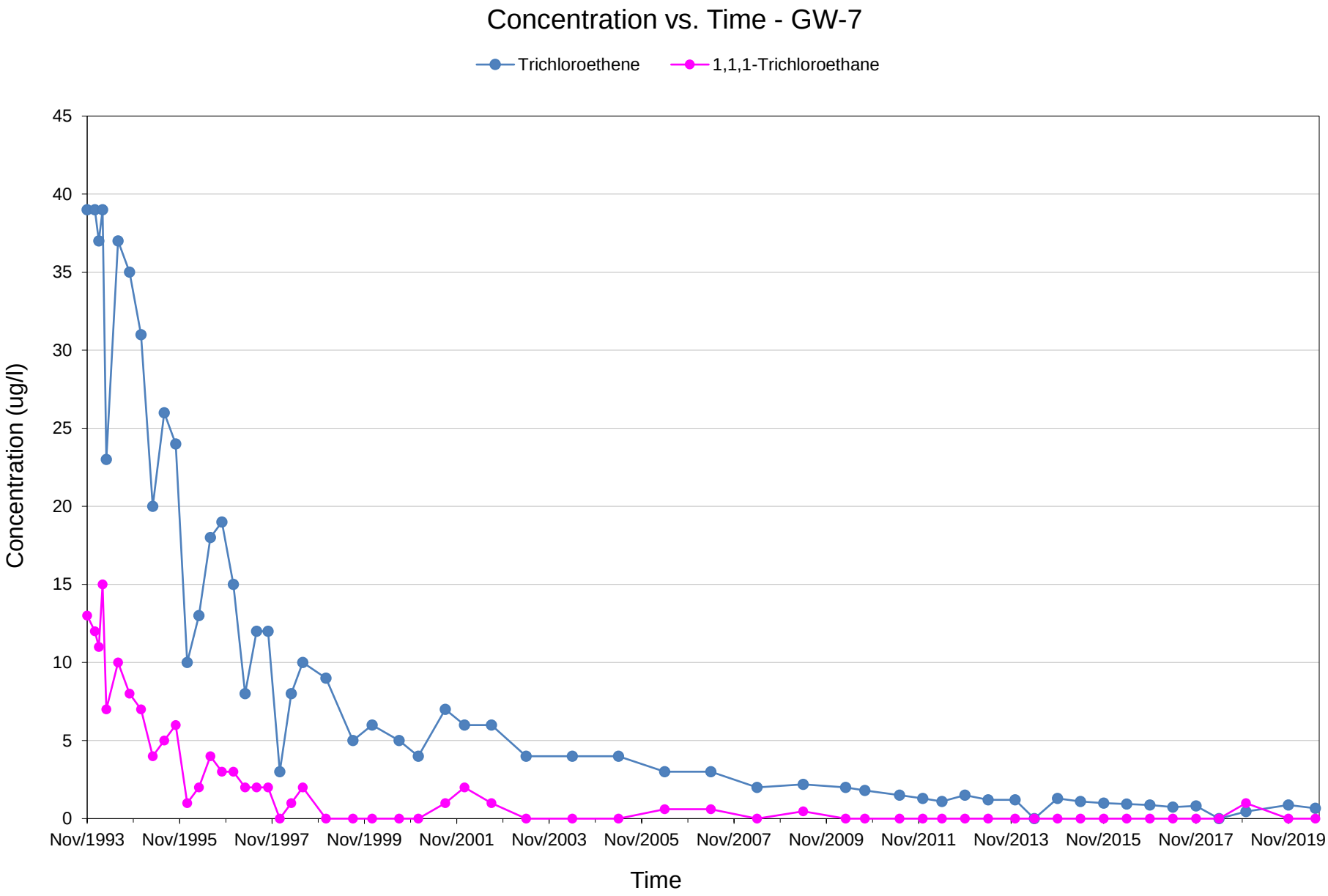
VOC Time vs. Concentration Curves


Concentration vs. Time - GW-3
Trichloroethene
1,1,1-Trichloroethane
600
500
400
300
200
100
0
Concentration (ug/l)
Nov/1993
Nov/1995
Nov/1997
Nov/1999
Nov/2001
Nov/2003
Nov/2005
Nov/2007
Nov/2009
Nov/2011
Nov/2013
Nov/2015
Nov/2017
Nov/2019
Time


Concentration vs. Time - GW-5
Trichloroethene
1,1,1-Trichloroethane
Concentration (ug/l)
2,500
2,000
1,500
1,000
500
0
Nov/1993
Nov/1995
Nov/1997
Nov/1999
Nov/2001
Nov/2003
Nov/2005
Nov/2007
Nov/2009
Nov/2011
Nov/2013
Nov/2015
Nov/2017
Nov/2019
Time


Concentration vs. Time - GW-5D
Trichloroethene
1,1,1-Trichloroethane
7.0
6.0
5.0
4.0
3.0
2.0
1.0
0.0
Concentration (ug/l)
Nov/2008
Nov/2010
Nov/2012
Nov/2014
Nov/2016
Nov/2018
Time


Concentration vs. Time - GW-6
Trichloroethene
1,1,1-Trichloroethane
Concentration (ug/l)
100
90
80
70
60
50
40
30
20
10
0
Nov/1993
Nov/1995
Nov/1997
Nov/1999
Nov/2001
Nov/2003
Nov/2005
Nov/2007
Nov/2009
Nov/2011
Nov/2013
Nov/2015
Nov/2017
Nov/2019
Time


Concentration vs. Time - GW-7
Trichloroethene
1,1,1-Trichloroethane
Concentration (ug/l)
45
40
35
30
25
20
15
10
5
0
Nov/1993
Nov/1995
Nov/1997
Nov/1999
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Nov/2003
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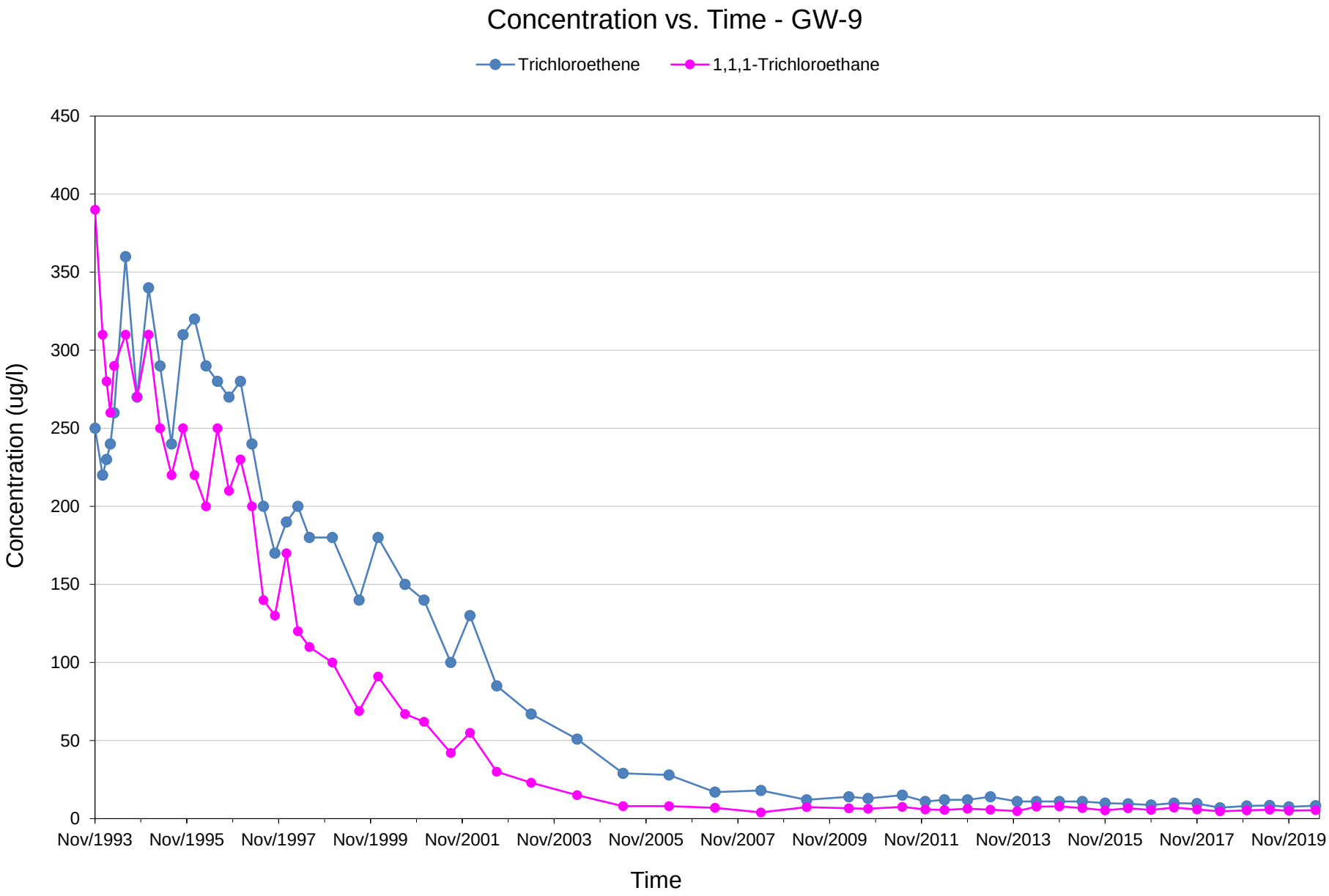
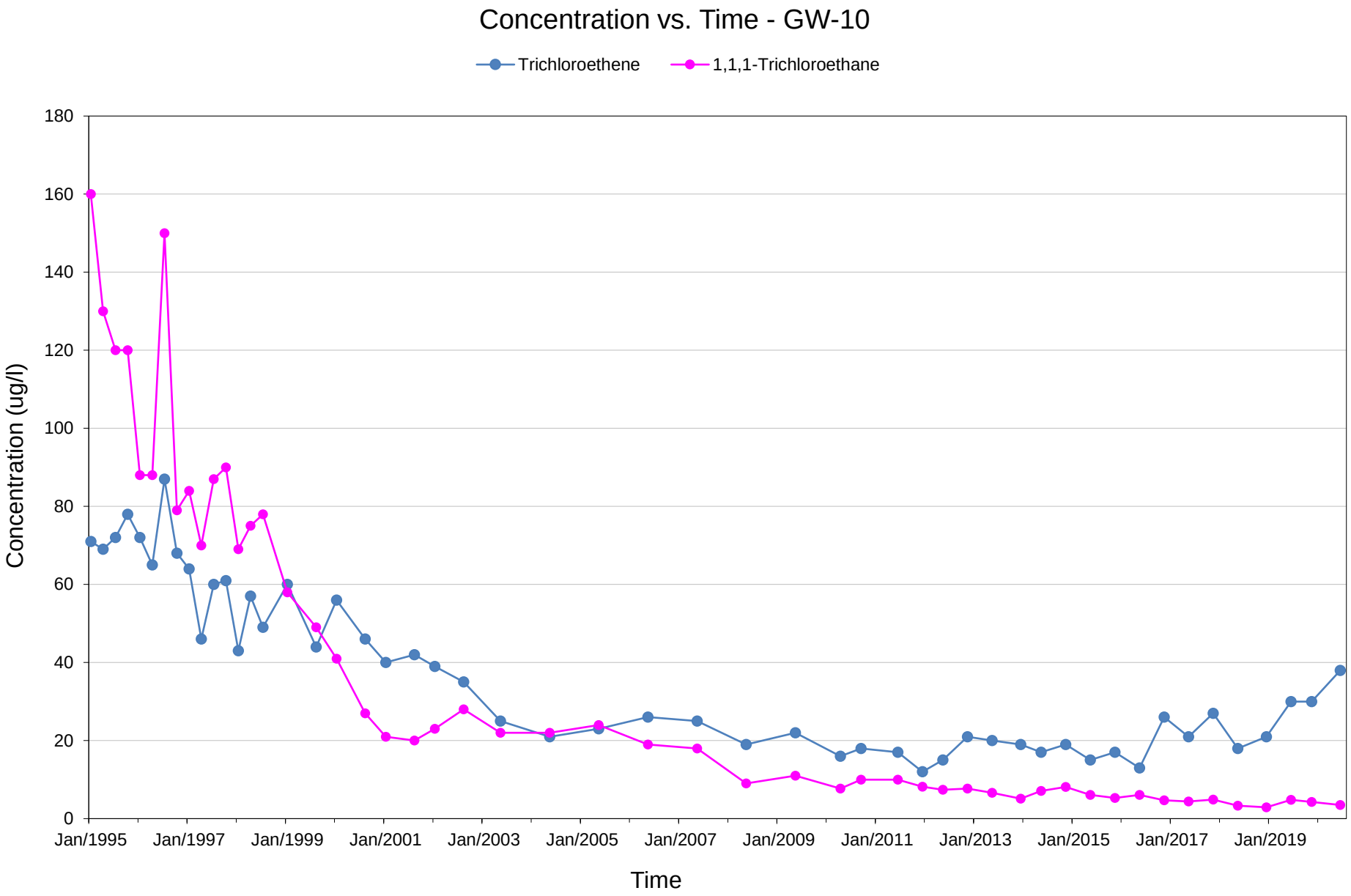
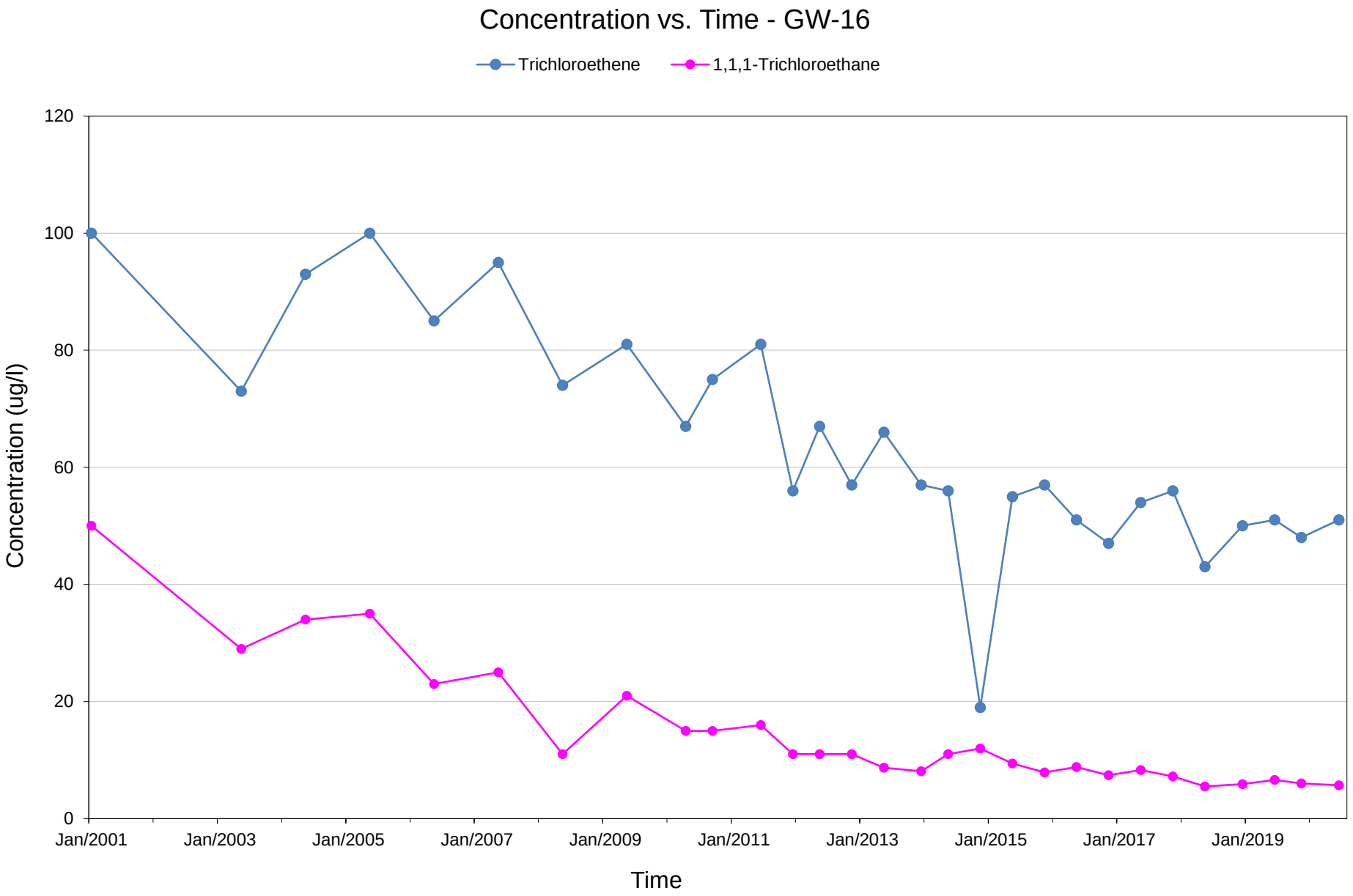
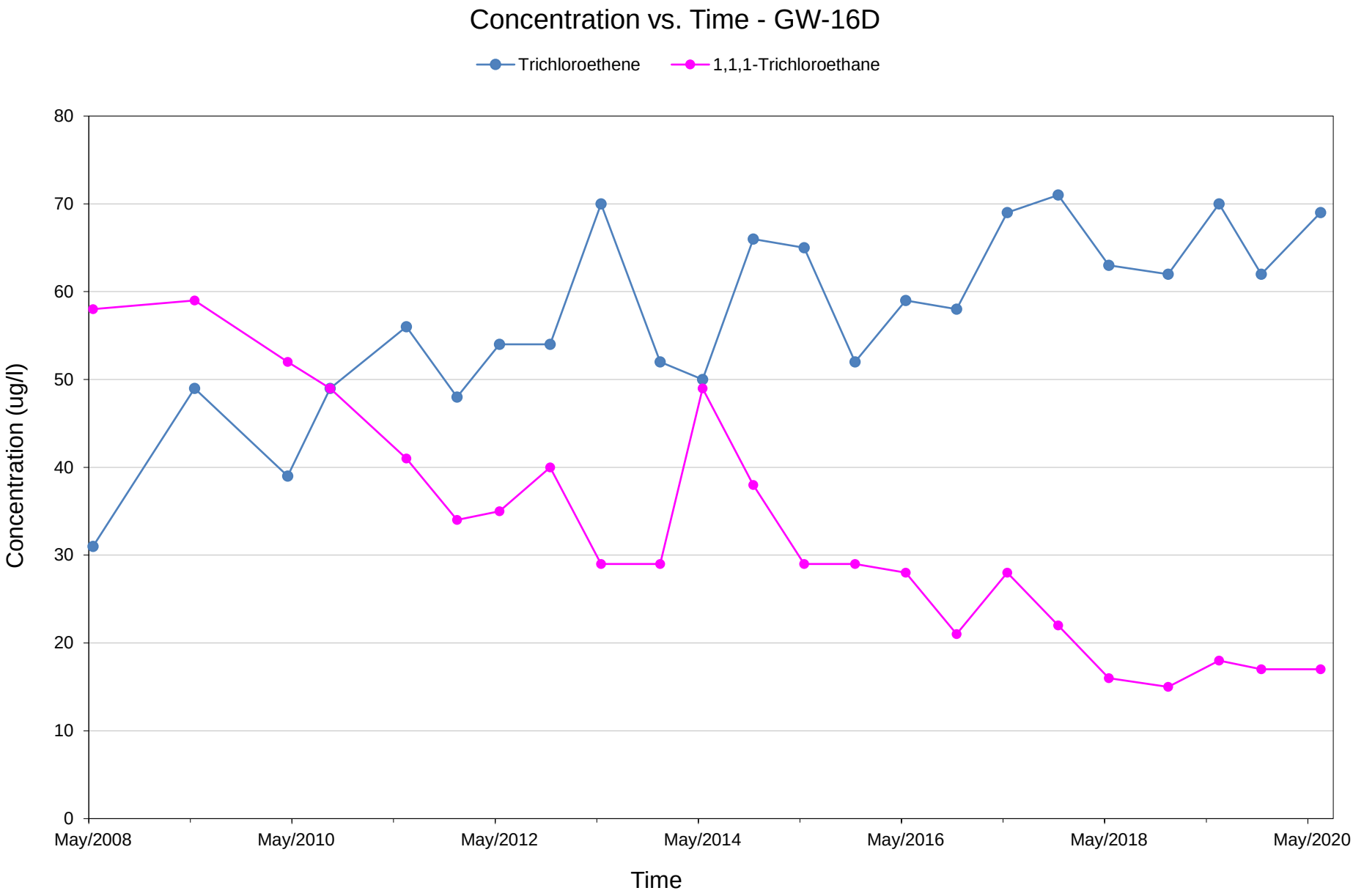
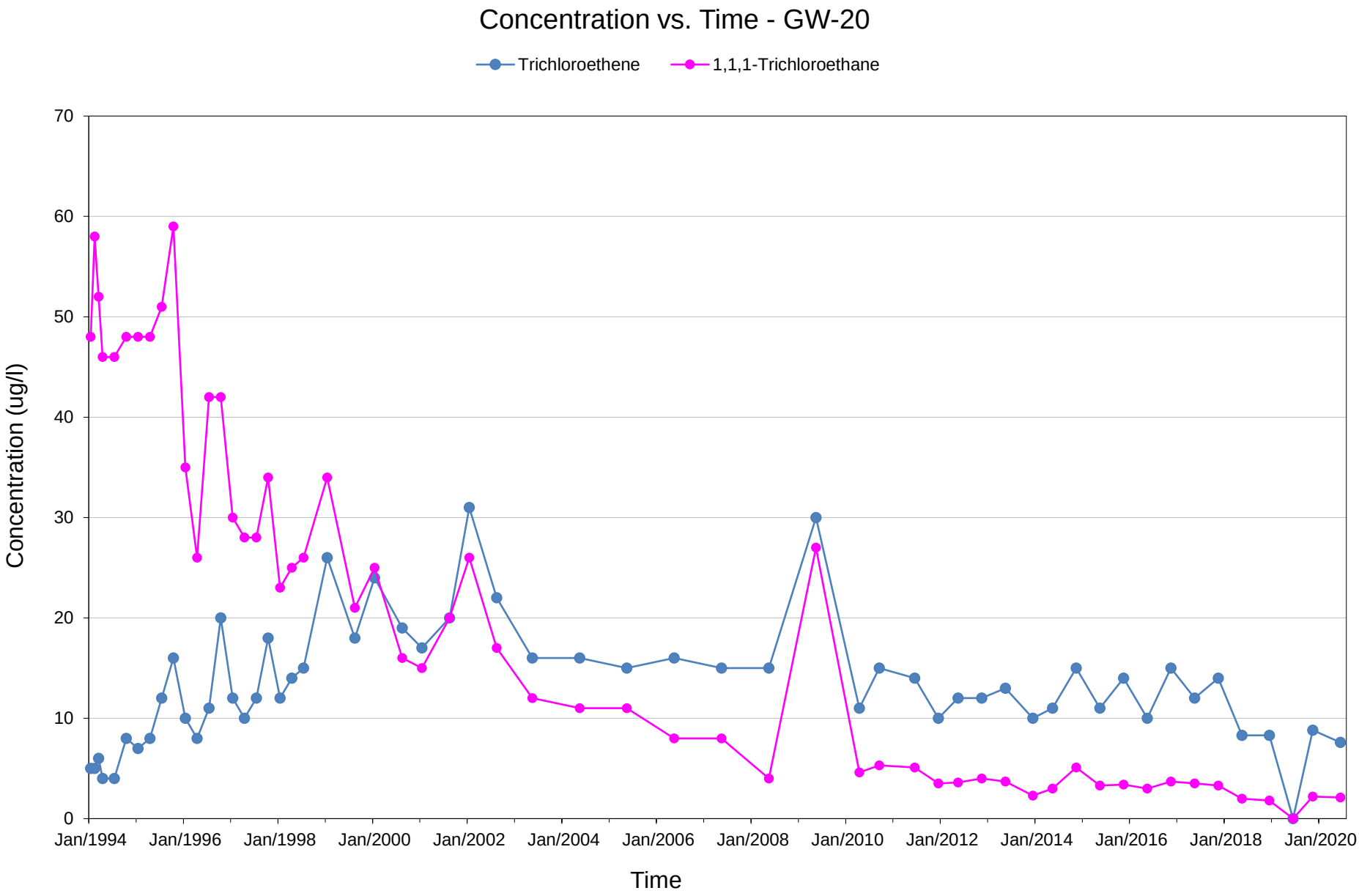
Nov/2009
Nov/2011
Nov/2013
Nov/2015
Nov/2017
Nov/2019
Time

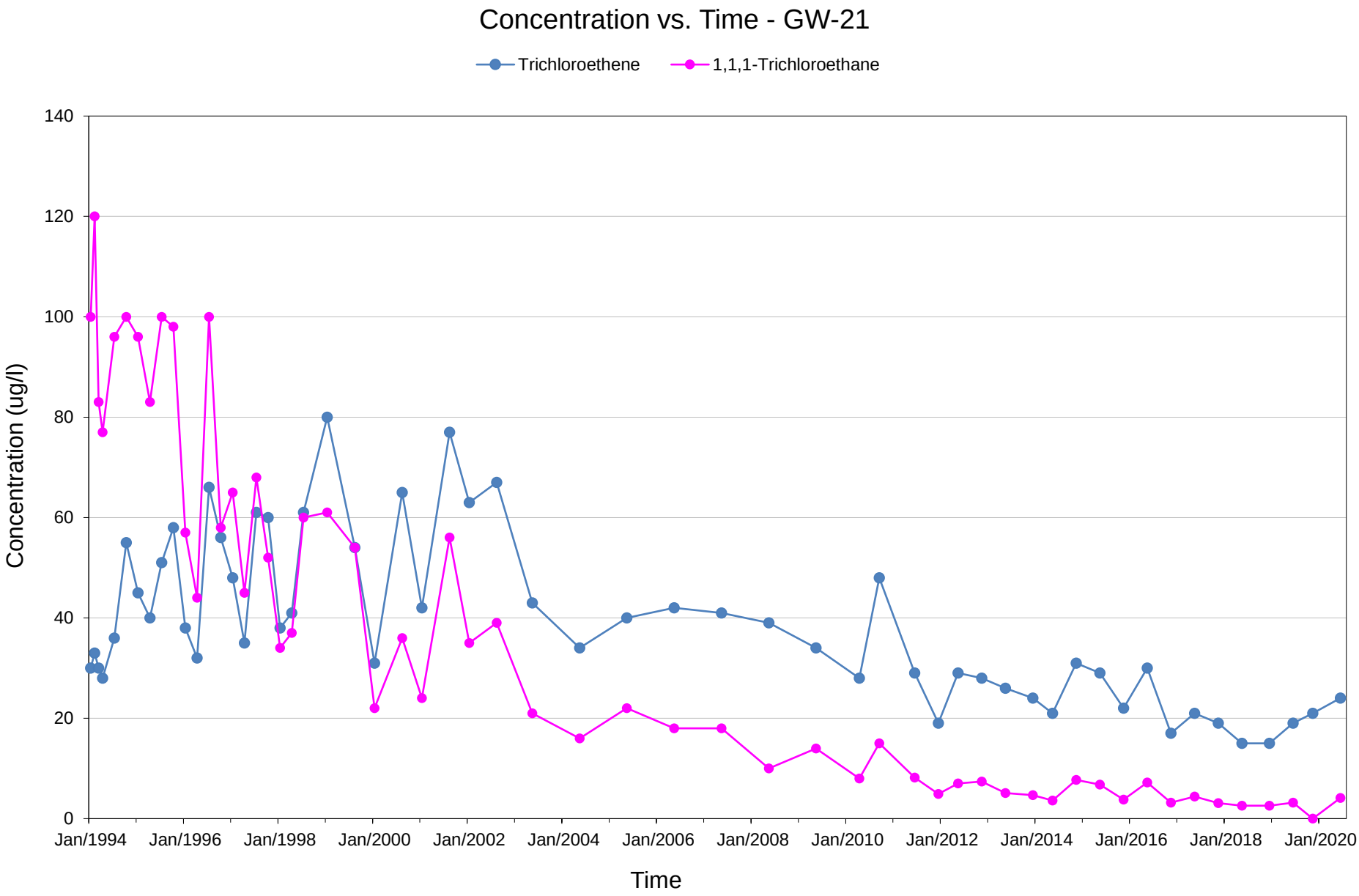

Concentration vs. Time - GW-9
Trichloroethene
1,1,1-Trichloroethane
Concentration (ug/l)
450
400
350
300
250
200
150
100
50
0
Nov/1993
Nov/1995
Nov/1997
Nov/1999
Nov/2001
Nov/2003
Nov/2005
Nov/2007
Nov/2009
Nov/2011
Nov/2013
Nov/2015
Nov/2017
Nov/2019
Time

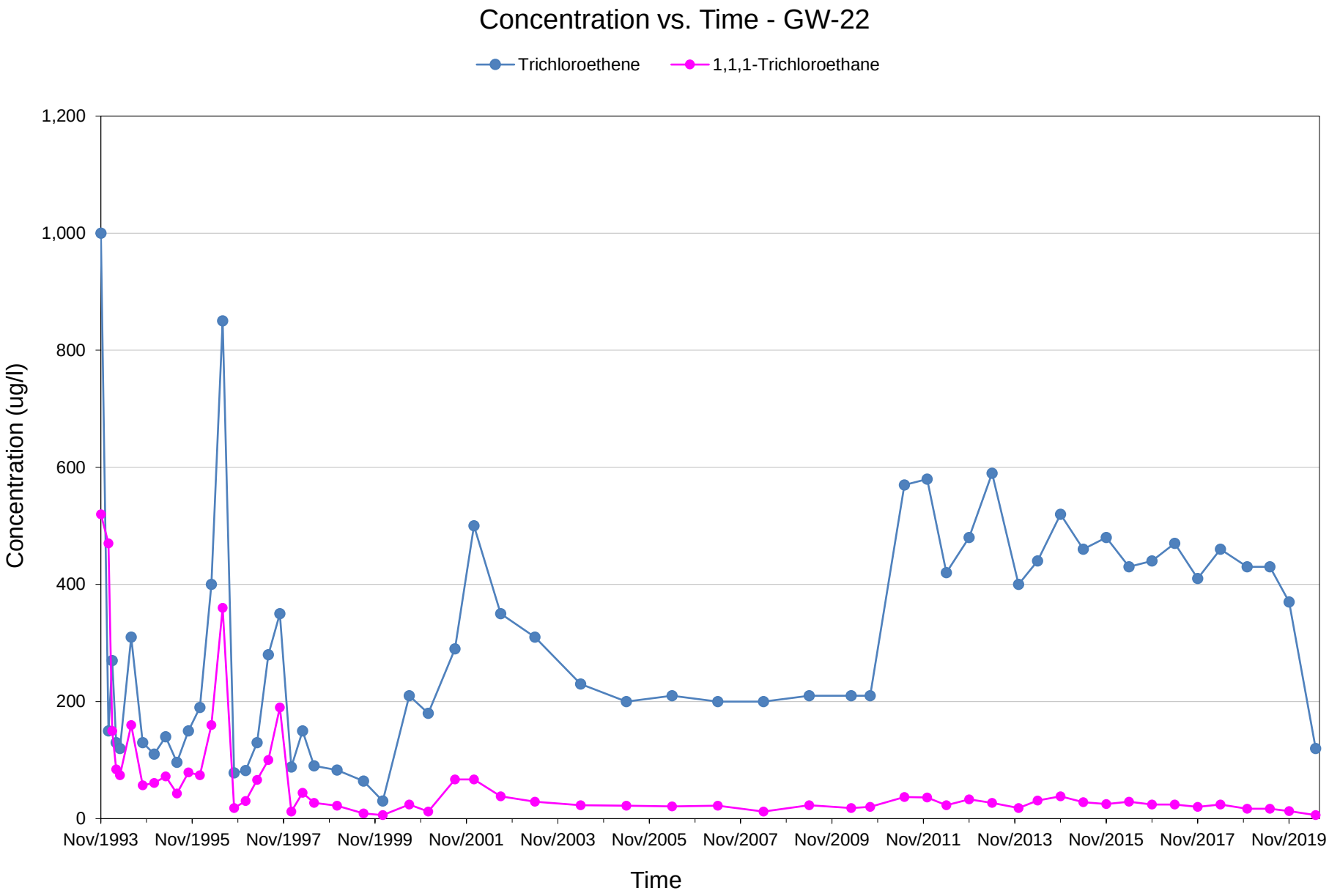

Concentration vs. Time - GW-10
Trichloroethene
1,1,1-Trichloroethane
Concentration (ug/l)
180
160
140
120
100
80
60
40
20
0
Jan/1995
Jan/1997
Jan/1999
Jan/2001
Jan/2003
Jan/2005
Jan/2007
Jan/2009
Jan/2011
Jan/2013
Jan/2015
Jan/2017
Jan/2019
Time

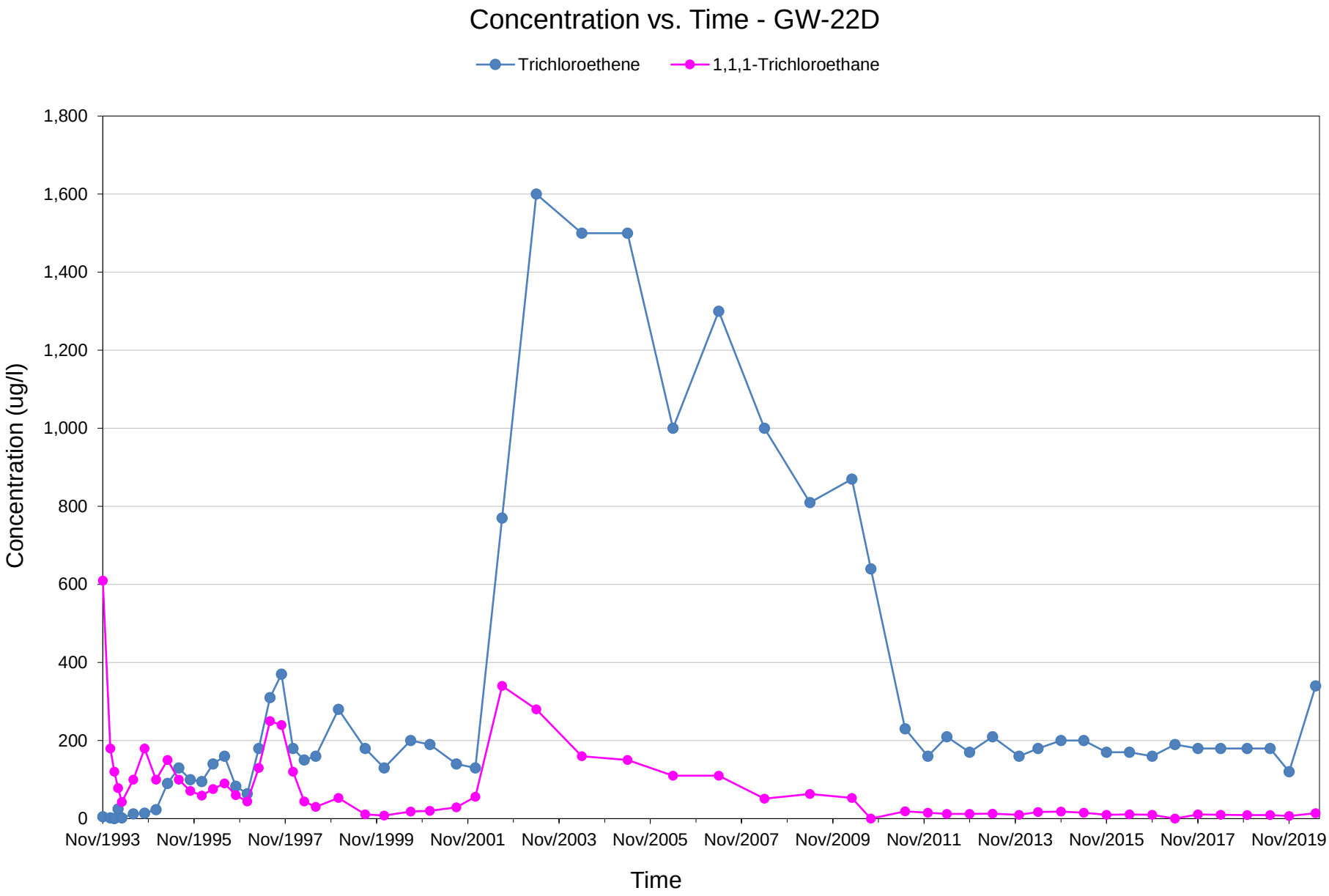

Concentration vs. Time - GW-16
Trichloroethene
1,1,1-Trichloroethane
120
100
80
60
40
20
0
Concentration (ug/l)
Jan/2001
Jan/2003
Jan/2005
Jan/2007
Jan/2009
Jan/2011
Jan/2013
Jan/2015
Jan/2017
Jan/2019
Time

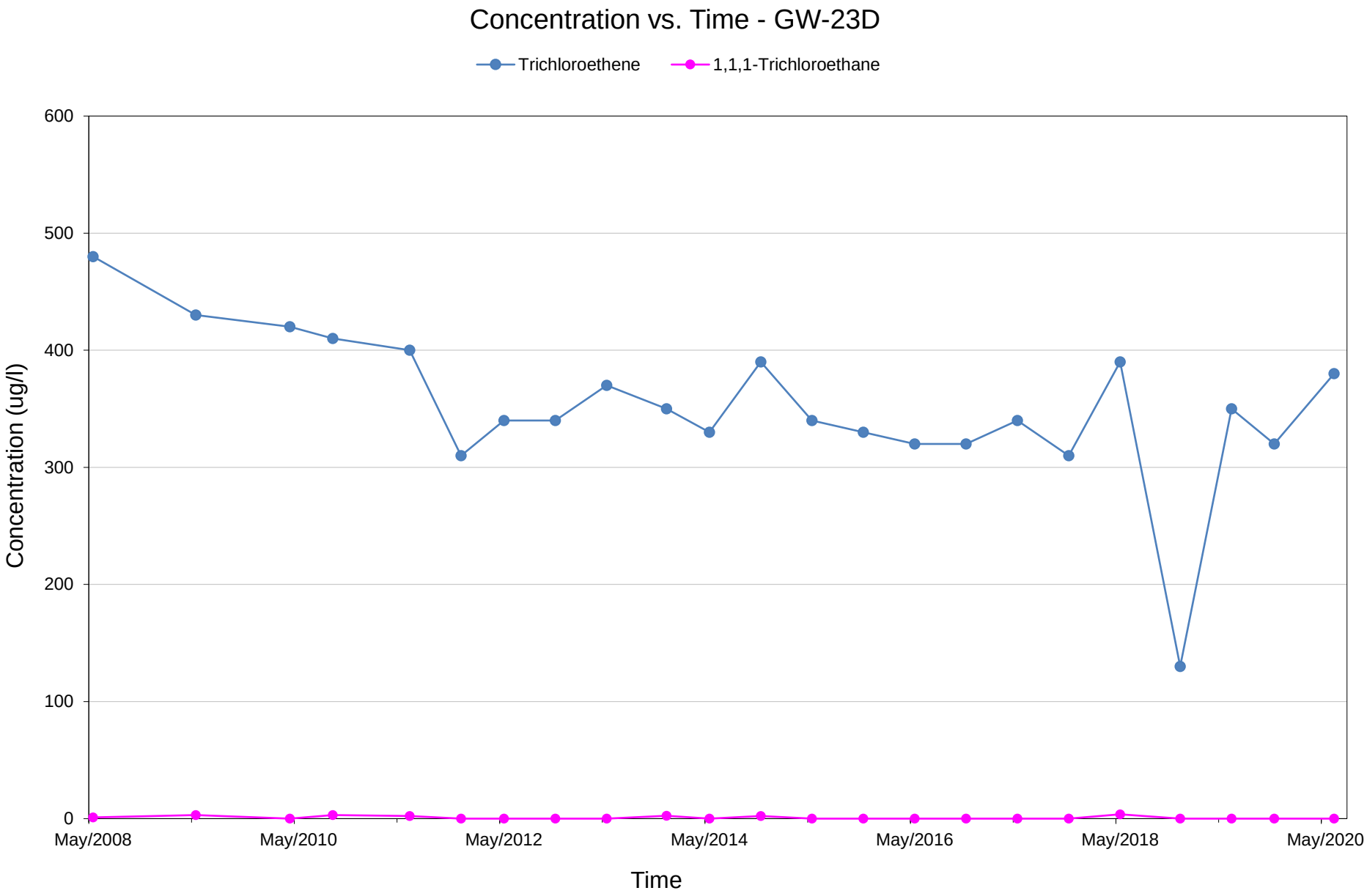

Concentration vs. Time - GW-16D
Trichloroethene
1,1,1-Trichloroethane
Concentration (ug/l)
80
70
60
50
40
30
20
10
0
May/2008
May/2010
May/2012
May/2014
May/2016
May/2018
May/2020
Time

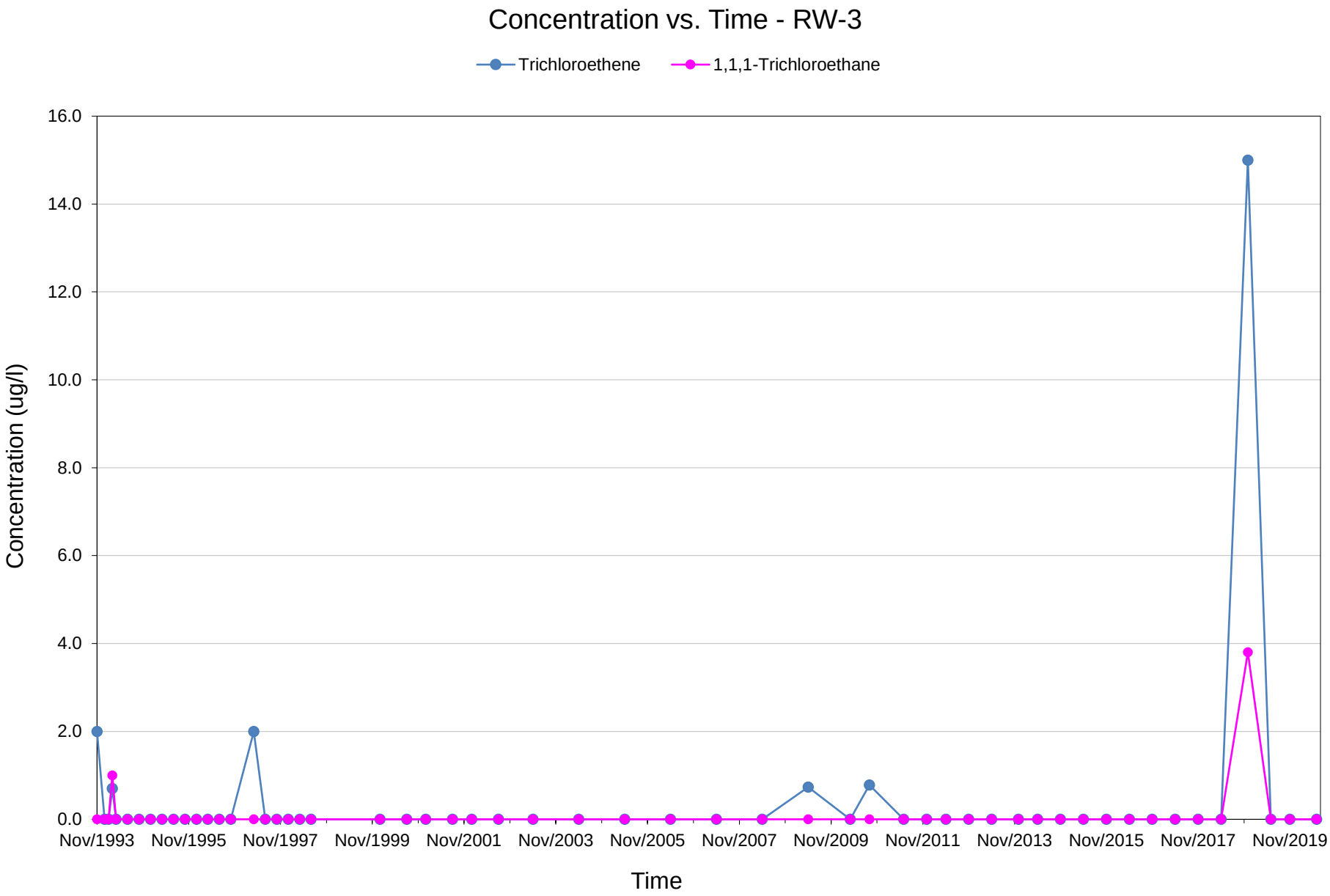

Concentration vs. Time - GW-20
Trichloroethene
1,1,1-Trichloroethane
Concentration (ug/l)
70
60
50
40
30
20
10
0
Jan/1994
Jan/1996
Jan/1998
Jan/2000
Jan/2002
Jan/2004
Jan/2006
Jan/2008
Jan/2010
Jan/2012
Jan/2014
Jan/2016
Jan/2018
Jan/2020
Time

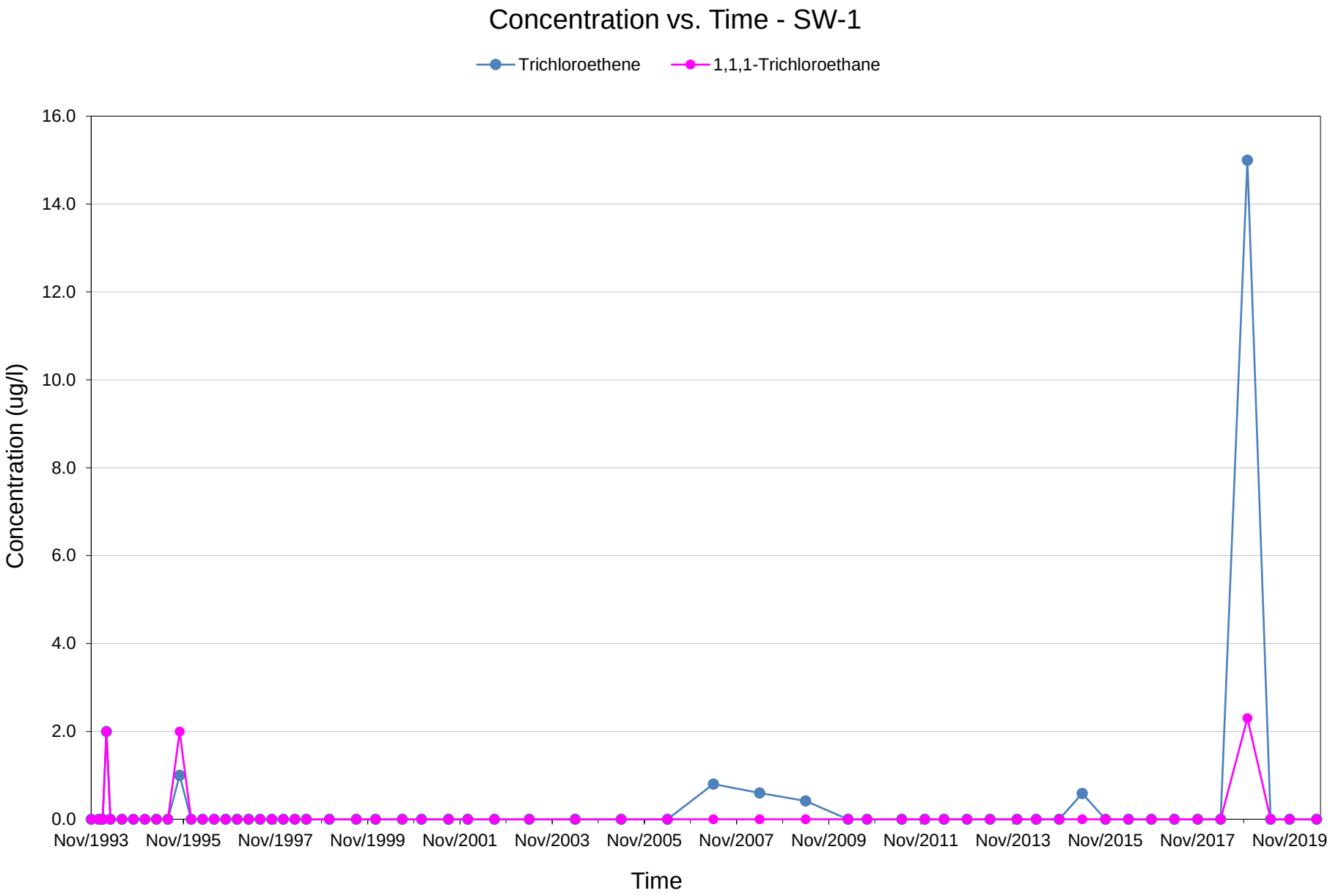

Concentration vs. Time - GW-21
Trichloroethene
1,1,1-Trichloroethane
Concentration (ug/l)
140
120
100
80
60
40
20
0
Jan/1994
Jan/1996
Jan/1998
Jan/2000
Jan/2002
Jan/2004
Jan/2006
Jan/2008
Jan/2010
Jan/2012
Jan/2014
Jan/2016
Jan/2018
Jan/2020
Time

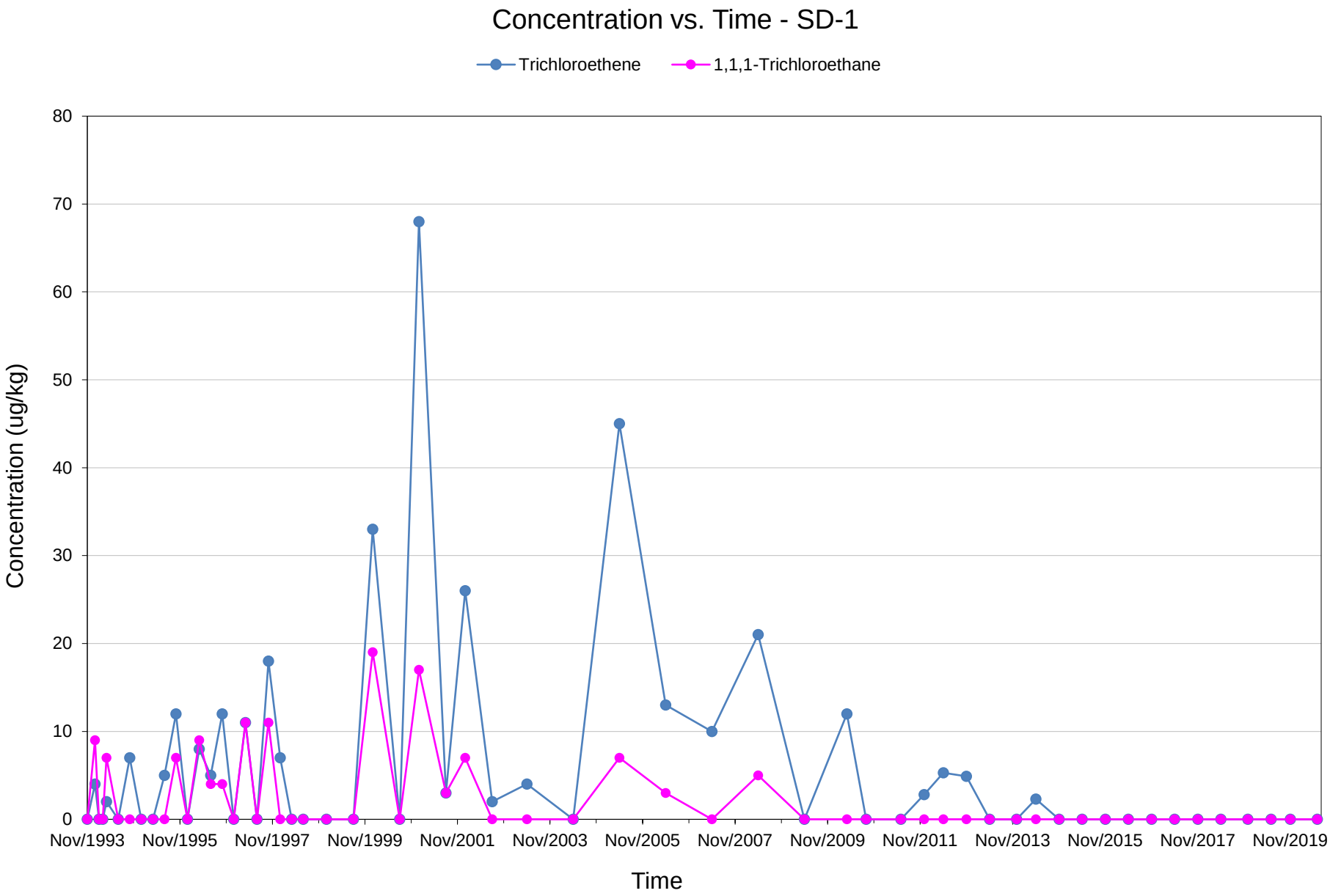

Concentration vs. Time - GW-22
Trichloroethene
1,1,1-Trichloroethane
1,200
1,000
800
600
400
200
0
Concentration (ug/l)
Nov/1993
Nov/1995
Nov/1997
Nov/1999
Nov/2001
Nov/2003
Nov/2005
Nov/2007
Nov/2009
Nov/2011
Nov/2013
Nov/2015
Nov/2017
Nov/2019
Time


Concentration vs. Time - GW-22D
Trichloroethene
1,1,1-Trichloroethane
Concentration (ug/l)
1,800
1,600
1,400
1,200
1,000
800
600
400
200
0
Nov/1993
Nov/1995
Nov/1997
Nov/1999
Nov/2001
Nov/2003
Nov/2005
Nov/2007
Nov/2009
Nov/2011
Nov/2013
Nov/2015
Nov/2017
Nov/2019
Time


Concentration vs. Time - GW-23D
Trichloroethene
1,1,1-Trichloroethane
600
500
400
300
200
100
0
Concentration (ug/l)
May/2008
May/2010
May/2012
May/2014
May/2016
May/2018
May/2020
Time


Concentration vs. Time - RW-3
Trichloroethene
1,1,1-Trichloroethane
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Concentration (ug/l)
Nov/1993
Nov/1995
Nov/1997
Nov/1999
Nov/2001
Nov/2003
Nov/2005
Nov/2007
Nov/2009
Nov/2011
Nov/2013
Nov/2015
Nov/2017
Nov/2019
Time


Concentration vs. Time - SW-1
Trichloroethene
1,1,1-Trichloroethane
16.0
14.0
12.0
10.0
8.0
6.0
4.0
2.0
0.0
Concentration (ug/l)
Nov/1993
Nov/1995
Nov/1997
Nov/1999
Nov/2001
Nov/2003
Nov/2005
Nov/2007
Nov/2009
Nov/2011
Nov/2013
Nov/2015
Nov/2017
Nov/2019
Time


Concentration vs. Time - SD-1
Trichloroethene
1,1,1-Trichloroethane
Concentration (ug/kg)
80
70
60
50
40
30
20
10
0
Nov/1993
Nov/1995
Nov/1997
Nov/1999
Nov/2001
Nov/2003
Nov/2005
Nov/2007
Nov/2009
Nov/2011
Nov/2013
Nov/2015
Nov/2017
Nov/2019
Time

ATTACHMENT 5

Annual IC/EC Certification

Enclosure 2

NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Site Management Periodic Review Report Notice

Institutional and Engineering Controls Certification Form

Site Details **Box 1**

Site No. **905013**

Site Name Machias Gravel Pit

Site Address: Very Road Zip Code: 14101
City/Town: Machias
County: Cattaraugus
Site Acreage: 5.400

Reporting Period: June 30, 2019 to June 30, 2020

	YES	NO
1. Is the information above correct?	☑	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☑
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☑
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☑
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☐

Box 2

	YES	NO
6. Is the current site use consistent with the use(s) listed below? Commercial and Industrial	☑	☐
7. Are all ICs/ECs in place and functioning as designed?	☑	☐

IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative Date

SITE NO. 905013 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
30.001-1-14	Ischua Creek Holding Co. C/O Motorola	Building Use Restriction Monitoring Plan Site Management Plan Ground Water Use Restriction
30.001-1-15	Ischua Creek Holding Co. C/O Motorola	Ground Water Use Restriction Site Management Plan Building Use Restriction Monitoring Plan
30.001-1-16	Ischua Creek Holding Co. C/O Motorola	Building Use Restriction Monitoring Plan Site Management Plan Ground Water Use Restriction
30.001-1-20	Town of Machias	Building Use Restriction Ground Water Use Restriction Monitoring Plan Site Management Plan

Box 4

Description of Engineering Controls

None Required

Not Applicable/No EC's

Box 5

Periodic Review Report (PRR) Certification Statements

1. I certify by checking "YES" below that:

   a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and compete.

YES	NO
☑	☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

   (a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

   (b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

   (c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

   (d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

   (e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES	NO
☑	☐

IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. 905013

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1,2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Terry Lockwood (print name) at Motorola Solutions, 3332 E. Broadway Road, Phoenix, AZ 85040 (print business address)

am certifying as Owner & Remedial Party (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.

Terry Lockwood — Signature of Owner, Remedial Party, or Designated Representative Rendering Certification

7/16/2020 — Date

IC/EC CERTIFICATIONS

Box 7

Qualified Environmental Professional Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Richard R. Gnat (print name) at KPRG and Associates, Inc. 14665 W. Lisbon Rd., Suite 1A Brookfield, WI 53005 (print business address),

am certifying as a Qualified Environmental Professional for the Motorola Solutions, Inc. (Owner or Remedial Party)

Richard R. Gnat — Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification

Stamp (Required for PE)

7/16/20 — Date