

**Periodic Review Report
January 31, 2022- January 31, 2023**

Former Churchville Ford, Inc. Site
NYSDEC Voluntary Cleanup Program Site #V00658
Village of Churchville, Town of Riga, Monroe County, New York

Prepared for:
BLW Properties of Churchville, LLC
7520 State Route 415
Bath, New York 14810

Prepared by:

 **Lu Engineers**
ENVIRONMENTAL • TRANSPORTATION • CIVIL
280 East Broad Street, Suite 170
Rochester, New York 14604

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Executive Summary

The former Churchville Ford Site (hereinafter referred to as the “Site”), is located at 111 South Main Street in the Village of Churchville, Town of Riga, Monroe County, New York. The Site is approximately 6-acres, and owned by BLW Properties of Churchville, LLC. It has been utilized as a commercial auto, boat and recreational vehicle sales and service facility. An environmental investigation conducted in 2002 (in conjunction with the transfer of ownership of property) identified groundwater and subsurface soil contamination. A remedial investigation (RI) was conducted between 2004 and 2008. This Periodic Review Report (PRR) covers Site monitoring and inspection events and activities conducted at the Site from January 31, 2022 - January 31, 2023.

The Site was remediated in accordance with and subject to a Voluntary Cleanup Agreement (VCA) # B8-0640-03-09, Site # V00658-8 which was executed on September 29, 2003 and amended on April 9, 2009. The VCA was initiated by former owners, Joseph Ognibene and Antonio Gabriele. Remedial activities occurred from May 2009 to January 2010 and were conducted in accordance with the Site Remedial Action Work Plan (RAWP), dated December 2008, and a minor modification, dated September 4, 2009. In-situ chemical oxidation (ISCO), using injected sodium permanganate (NaMnO_4), was initiated in June 2009 and completed in January 2010. NaMnO_4 was injected into the soil and groundwater underlying the impacted area in the southwestern portion of the building. As detailed in the Site Management Plan (SMP), a Sub-Slab Depressurization System (SSDS) was installed in June 2011 in the western portion of the original building (workshop).

In September 2015, a Site Change of Use was approved by the New York State Department of Environmental Conservation (NYSDEC) for Site redevelopment activities. As part of the redevelopment, a series of pre-excavation notifications detailing soil sampling programs prior to soil excavation/disturbance were submitted to the NYSDEC in accordance to requirements set forth in the SMP and Excavation Work Plan (EWP). A remedial approach to address impacted subsurface soils beneath the western portion of the former building, the “Source Area,” was also developed and approved by the NYSDEC in 2016. A Remedial Design Construction Completion Report (CCR) detailing all Site activities associated with the redevelopment was submitted to the NYSDEC.

The remedial approach included soil removal and ISCO (Regenisys, Inc. PersulfOx®) to address residual impacted groundwater. The effectiveness of ISCO is being evaluated through subsequent groundwater sampling as discussed in this report. The Site cap was restored upon completion of the project and was evaluated as part of the Site inspection.

The effectiveness of the remedial program as outlined in the SMP has been monitored through on-going groundwater sampling and Site Inspection with respect to Institutional and Engineering Controls (ICs/ECs). Post-remedial groundwater sampling results indicate that residual contamination appears to be attenuating in groundwater located in the vicinity of the established source area. It is likely that concentrations will continue declining due to the sustained oxidative action of PersulfOx® and continued natural attenuation. Groundwater samples collected during the current reporting period (January 31, 2022 to January 31, 2023) showed concentrations of chlorinated volatile organic compounds (CVOs), iron, and manganese exceeding applicable groundwater standards. Concentrations of remaining chlorinated solvent compounds have continued to decline during the reporting period.



The implemented remedies to manage the residual contamination are effective, protective, and are progressing towards the remedial action objectives. The ICs/ECs and procedures outlined in the Monitoring Plan and Operation and Maintenance Plan were complied with during this reporting period.

1.0 Periodic Review Report

This Periodic Review Report (PRR) was prepared by Lu Engineers, on behalf of BLW Properties of Churchville, LLC, pursuant to NYSDEC DER-10 *“Technical Guidance for Site Investigation and Remediation”*, dated May, 2010 and the guidelines provided by the NYSDEC. The first PRR was required 18 months after the issuance of the Release and Covenant. The reporting period for this PRR is from January 31, 2022 to January 31, 2023. The following items are included in this PRR:

- Identification, assessment, and certification of each EC/IC required by the remedy for the Site.
- Results of the Site inspection and sampling events including applicable inspection forms and other records generated for the Site during the reporting period.
- A summary of any discharge monitoring data and/or information generated during the reporting period with comments and conclusions.
- Purge water discharge letter and the short-term discharge permit related to permitted water discharge.
- Data summary tables of groundwater and surface water contaminants of concern by media. These include a presentation of past VOC and metal data as part of an evaluation of contaminant concentration trends.
- Laboratory analysis results and the required laboratory data deliverables for each sample collected during the reporting period have been and will continue to be submitted electronically in a NYSDEC-approved EQulS format.
- A Site evaluation, which includes the following:
 - I. The compliance of the remedy with the requirements of the Site-specific Record of Decision (ROD);
 - II. The operation and the effectiveness of each treatment unit, including identification of any needed repairs or modifications;
 - III. Any new conclusions or observations regarding Site contamination based on inspection or lab data generated during the monitoring events;
 - IV. Recommendations regarding any necessary changes to the remedy and/or SMP; and
 - V. The overall performance and effectiveness of the remedy to date.

2.0 Site Overview

The former Churchville Ford Site, located at 111 South Main Street in the Village of Churchville, Town of Riga, Monroe County, New York, consists of approximately 6-acres and has been used as a commercial auto, boat and recreational vehicle sales and service facility in recent years (Figure 1). The Site is located north of Interstate Route 490 and Sanford Road. The topography of the Site is relatively flat, however, the elevation drops abruptly towards Sanford Road to the south and gently westward.



The Site is surrounded by residential and commercial land to the north, South Main Street and residential housing to the east, Sanford Road and Interstate Route 490 to the south, and a commercial Camping World Recreational Vehicle sales facility to the west. The majority of the Site is covered with asphalt pavement and the Site sales/service building.

Contamination was found at the Site during an environmental investigation conducted in conjunction with a property transfer in 2002. An RI was conducted between 2004 and 2008. Subsurface soil analytical results did not indicate VOCs, SVOCs, or metals above the Restricted Commercial Use Guidance Values (6 New York Codes, Rules, and Regulations (NYCRR) Part 375-6), therefore soil remediation was not required. Chlorinated Volatile Organic Compounds (CVOCs) were detected in groundwater beneath the southwestern portion of the building at levels exceeding 6 NYCRR Part 703.5 Class GA drinking water standards. This area was formerly used for solvent and waste oil storage. The contamination appeared to be limited to the storage area and west of the western wall of the building. Based on the findings of the RI, remedial action was recommended to address chlorinated solvents detected in groundwater at levels exceeding applicable guidance criteria.

Remedial measures were completed at the Site between May 2009 and January 2010. ISCO using NaMnO_4 was implemented, and NaMnO_4 was injected into groundwater where CVOc concentrations exceeded 5 parts per billion (ppb) and 2 ppb for vinyl chloride.

NaMnO_4 is used as a chemical oxidant to treat organic compounds such as TCE, PCE, and other associated breakdown products in soil and groundwater. Contaminants are oxidized into relatively benign compounds, such as carbon dioxide (CO_2) and water (H_2O). NaMnO_4 was injected using a Geoprobe® GS2000 cart-mounted injection system and administered through a series of injection wells (primarily 4 to 11.5 feet with a maximum depth of 20 feet) to treat saturated soils as well as groundwater.

Soil vapor intrusion (SVI) sampling was conducted after the NaMnO_4 injection was completed to determine if additional vapor intrusion mitigation or long-term indoor air monitoring measures were needed. Based on the results and as described in the SMP, a SSDS was installed in June 2011 in the western portion of the original Site building. The presence of the SSDS precluded the need for monitoring of indoor air.

As part of Site redevelopment in 2016, a remedial approach to address impacted subsurface soils beneath the western portion of the former building, the "Source Area," was developed and approved by the NYSDEC in 2016. The Excavation Notification-Remedial Design, dated April 19, 2016, was submitted and approved by the NYSDEC, per requirements set forth in the SMP and EWP. Excavation oversight, existing utility protection, field screening and sampling along with community air monitoring were performed in accordance to the EWP.

Soil was removed from the source area and appropriately handled for off-Site disposal as non-hazardous waste to Mill Seat Landfill in Riga, New York. Soil designated as "clean" per 6 NYCRR Part 375 Unrestricted Reuse Criteria was used as clean cover soil in the property adjoining the VCP property as fill and Site grading material.



The remedial approach also involved the application of ISCO (PersulfOx®) to address residual impacted groundwater. The effectiveness of ISCO was evaluated through subsequent groundwater sampling completed in December 2017 and May 2018, as discussed in this report and in accordance to the SMP. Upon completion of ISCO application, the excavation area was backfilled with #2 crusher run, compliant with DER-10 Section 5.4(e), and the Site was regraded with a new asphalt cover in the location of the former building for use as a parking lot.

Due to the excavation activities, MW-03 was decommissioned pursuant to NYSDEC CP-43 and removed. This well was replaced with MW-03R following completion of source area soil removal. The locations of the monitoring wells were re-surveyed in December 2016 (refer to Figures 2 and 3). The Cap was fully restored upon completion of Site regrading and excavation work.

A SSDS was not installed in the newly constructed building, therefore, a Soil Vapor Intrusion (SVI) Corrective Measures Plan (CMP) was implemented following the completion of building construction and contaminant source removal in 2016. Two (2) rounds of SVI sampling to assess the sub-slab and interior air quality were completed in July 2016 and December 2016, pursuant to the New York State Department of Health, *NYSDOH Final Guidance for Evaluating Soil Vapor Intrusion in the State of New York*, dated October 2006. The second round was completed during the heating season due to the pressure differential associated with typical building heating systems. SVI analytical results indicate the presence of Site contaminants below New York State Department of Health (NYSDOH) guidelines.

The effectiveness of the remedial program as outlined in the SMP has been monitored through 2016 SVI sampling in the recently constructed building and on-going groundwater sampling. In general, post-remedial groundwater sampling results indicate that the existing contamination persist, but also appears to be attenuating in groundwater in the source area. Groundwater samples collected during this reporting period (January 31, 2022 to January 31, 2023) showed concentrations of CVOCs exceeding applicable groundwater standards.

The SMP requires an Institutional Control (IC) in the form a Deed Restriction (DR) which requires the following; a) limiting the use and development of the property to commercial use, which also permits industrial use; b) compliance with the approved SMP; c) restriction on the use of groundwater as a source of potable or process water, without necessary water quality treatment as determined by the New York State Department of Health (NYSDOH); and d) the property owner to complete and submit an annual certification of Institutional and Engineering Controls (ICs/ECs).

Long-term management of remaining contamination, as required by the DR, includes the following plans for ECs; 1) Monitoring; 2) Operation and maintenance; and 3) Reporting. The specific ECs implemented at the Site include: a) groundwater sampling every 5th quarter of monitoring wells MW-3R, MW-6, MW-13, and MW-JCL-02 for VOCs, iron and manganese; b) management and inspection of the existing soil cover system (the cap); and c) inspection and maintenance (if required) of the existing retaining wall.

3.0 Remedy Performance, Effectiveness, and Protectiveness

The most recent ISCO application (PersulfOx®) occurred in 2016 and the one prior occurred on January 15, 2010 by Lu Engineers using NaMNO₄. Post-remedial groundwater and SVI sampling indicate that groundwater contamination remains in the source area with evidence of attenuation, as suggested by analytical data.



13 post-remedial groundwater sampling events and three (3) SVI sampling events have been conducted at the Site since the completion of the NaMnO₄ ISCO program. All sampling events were conducted in accordance with and as outlined in the RAWP and SMP. The following is a list of all post-remedial groundwater and SVI sampling events:

- February and August 2010 (per RAWP)
- December 2011 (per SMP)
- June and November 2012 (per SMP)
- June and November 2013 (per SMP)
- June 2014 (per SMP)
- November 2014 (per SMP)
- June 2015 (per SMP)
- November 2015 (per SMP)
- July 2016 (per SVI Corrective Measures Plan)
- December 2016 (per SMP and SVI Corrective Measures Plan)
- May 2017 (per SMP)
- December 2017 (per SMP)
- May 2018 (per SMP)
- July 2019 (per SMP)
- September 2019 (per SMP)
- October 2020 (per SMP)
- September 2021 (MW-13 only)
- January 2022 (per SMP)
- September 2022 (per NYSDEC request)

The NYSDEC approved the request to complete groundwater sampling and inspections every fifth quarter in a letter dated September 5, 2018.

The attached tables 1 and 2 indicate VOC and iron and manganese sample concentrations since June 2012 following implementation of the remedies described in the SMP. Table 1 shows detected iron and manganese concentrations in groundwater samples compared to the applicable NYSDEC 6 NYCRR Part 703.5 Class GA and TOGs 1.1.1 Groundwater Standards. Table 2 shows detected concentrations of VOCs in comparison to applicable groundwater standards. Both tables include graphical trend analyses of contaminant concentrations in groundwater since June 2012.

Groundwater collected from Site monitoring wells continues to exhibit declining low-level exceedances of applicable groundwater standards through the most recent sampling event conducted in September 2022.

The ICs established for the Site continue to be in compliance with the SMP. Though residual contamination exists in the groundwater following source area soil removal, these controls reduce the potential for human exposure. The ECs established for the Site are also effective in limiting the potential for human exposure to known Site contaminants.



4.0 Institutional Controls/Engineering Control Plan Compliance

Since remaining contaminated soil, groundwater, and soil vapor exists beneath the Site, ICs/ECs are required to protect public health and the environment. The IC/EC Plan is one (1) component of the SMP and is subject to revision by NYSDEC.

Institutional Controls (ICs)

A series of ICs are required by the SMP to: (1) implement, maintain and monitor EC systems; (2) prevent exposure to remaining contamination by controlling disturbances of the subsurface contamination; and (3) limit the use and development of the Site to commercial and industrial uses only. Adherence to these ICs on the Site is required by the DR and implemented under the SMP.

- Land Use Restriction – Site property use is limited to Commercial and Industrial uses only; the Site is currently used as a commercial recreational vehicle sales and service facility and has met the requirements of this restriction throughout this reporting period.
- Groundwater Use Restriction – Use of groundwater as a potable or process water source is prohibited; the Site is currently connected to a supplied potable water source from the Village of Churchville and does not use the Site groundwater.
- Site Management Plan (SMP) – Compliance with the SMP is required, including required periodic certifications; the Site was in compliance with all components of the Site-specific SMP throughout this reporting period.

Additional Site restrictions that apply to the Controlled Property are:

- The property may not be used for a higher level of use, without additional remediation and amendment of the DR, as approved by the NYSDEC;
- All future activities on the property that will disturb residual impacted material must be conducted in accordance with the SMP;
- The potential for vapor intrusion must be evaluated for any buildings developed on the Site, any potential impacts that are identified must be monitored or mitigated;
- The Site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP;
- NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.

Institutional Controls identified in the DR may not be discontinued without an amendment to or extinguishment of the DR.



Engineering Controls (ECs)

- **Soil Cover System (Cap)** – Exposure to residual contamination in subsurface soil/fill, groundwater and soil vapor at the Site is prevented by a soil cover system placed over the Site (the “Cap”). This cover system consists of asphalt pavement, concrete-covered sidewalks, and concrete building slabs. Procedures for maintaining the Cap are documented in the Operation and Maintenance Plan in Section 4 of the SMP.

The EWP in Appendix A of the SMP outlines the procedures required to be implemented in the event the cover system is breached, penetrated or temporarily removed, and any underlying residual contamination is disturbed. Procedures for the inspection, maintenance and monitoring of this cover are provided in the Monitoring Plan included in Section 3 of the SMP.

Per NYSDEC and NYSDOH determination, in a letter dated May 15, 2017, a SSDS is not required for the building located at the site, and no additional SVI testing is planned.

The required IC/EC certification has been completed as a component of this report and a copy is included as Attachment D.

5.0 Monitoring Plan Compliance Report

The Monitoring Plan describes measures for evaluating the performance and effectiveness of the remedy to reduce or mitigate contamination at the Site, the soil cover system, and all affected Site media are identified in the table below.

Monitoring/Inspection Schedule

Monitoring Program	Frequency*	Matrix	Analysis
1	Every fifth quarter	Groundwater	EPA Method 8260, EPA 6010(Manganese and Iron)
2	N/A	SSDS	N/A
3	Every fifth quarter	Soil Cover	N/A

* The frequency of events will be conducted as specified until otherwise approved by NYSDEC and NYSDOH

Monitoring activities completed during this reporting period (January 31, 2022 - January 31, 2023) included the following:

- Groundwater sampling of Site wells MW-03R, MW-JCL-02, MW-06, and MW-13 every 5th quarter; and
- Inspection of the Site soil cover system every 5th quarter

Groundwater Sampling

The following table summarizes the groundwater sampling program to be completed during each sampling event in accordance with the Site-specific SMP.

Media Sampling and Analysis Summary

Sample Type	Sample Location	Analytical Parameters	Frequency	QA/QC	Total
Groundwater	MW-03R, 06, 13, MW-JCL-02	EPA 8260, EPA 6010 (Manganese and Iron)	Every fifth quarter	Trip Blank (1)	5



Site wells are sampled with dedicated bailers per the procedures outlined in the SMP. NYSDEC approval for a reduced sampling frequency (every fifth quarter) was received in September 2018. Each well was purged a minimum of three (3) well volumes prior to sampling. Groundwater quality measurements including temperature, turbidity, pH, conductivity and oxidation reduction potential (ORP) were collected during the purging process at the corresponding well. No odors were observed during the groundwater sampling and water was generally turbid. Purge water from each well was containerized in steel 55-gallon drums.

At each well, samples were collected for TCL VOCs (EPA Method 8260B), iron and manganese (EPA Method 6010C). Groundwater sampling logs are included as Attachment B of this report.

Groundwater analytical results are summarized in Tables 1 and 2 and depicted in Figure 3. Table 1 presents the analytical results of iron and manganese detected in groundwater from June 2012 through September 2022 in comparison to applicable standards. Table 2 presents the analytical results of VOCs (natural attenuation indicators) from June 2012 through September 2022. Both tables include a trend analysis graph of the analytical data. It is noted that groundwater generally flows south and west across the Site, following Site topography.

For comparison and future reference, the following sections summarize the analytical results since 2014.

2014

From June 2014 to November 2014, CVOC concentrations fluctuated and continued to exceed applicable groundwater standards in all monitoring wells. There was a general decline in concentration levels of PCE, TCE, and cis-1,2-DCE in MW-03 and MW-JCL-02. In MW-06, the PCE concentration level increased, and dichlorodifluoromethane was detected for the first time since the June 2012 sampling event. Iron and manganese concentrations increased in MW-03 and MW-06 and decreased in MW-JCL-02. Concentration levels of these metals exceeded groundwater standards except for iron in MW-JCL-02.

2015

CVOC concentrations continued to fluctuate between July 2014 and July 2015. In MW-03, PCE and cis-1,2-DCE concentrations decreased and TCE slightly increased. Dichlorodifluoromethane concentrations increased and PCE concentrations decreased in MW-06. Chloroform and TCE were also detected for the first time in MW-06 since semi-annual groundwater monitoring began in 2012. MW-JCL-02 had increases in cis-1,2-DCE, TCE, and PCE. Dichlorodifluoromethane was detected for the first time since the June 2012 sampling event in MW-JCL-02 as well. Between June 2015 and November 2015, contaminant concentrations remained relatively constant in MW-03 and MW-06. PCE decreased in MW-03 and slightly increased in MW-06. Cis-1,2-DCE also decreased in MW-03.

In JCL-02, dichlorodifluoromethane was not detected and concentrations of PCE, TCE, and 1,2-DCE declined. Consistent with previous years, no VOCs were detected in MW-13. All four (4) wells had increased concentrations of iron and manganese with the exception of manganese in MW-06. All concentrations of iron and manganese exceeded NYS groundwater standards for this period.

2016 - May 2017

From November 2015 to December 2016, CVOC concentrations generally declined as indicated by analytical results from MW-JCL-02 and MW-06.



MW-03 was decommissioned and removed during the source area soil removal in 2016 and replaced with MW-03R, installed on September 12, 2016. No CVOC concentration exceedances were detected in MW-03R in December 2016 or May 2017.

It is noted that the ISCO agent, PersulfOx[®], was installed into the excavation following source area removal as approved by the NYSDEC in the Excavation Notification- Remedial Design, dated April 19, 2016.

Presumably, CVOC reductions observed can be attributed to the installation of the oxidizing agent. Significant reductions in PCE, TCE, and cis-1,2-DCE were observed in MW-JCL-02 between December 2016 and May 2017, as shown on Table 1. A slight increase in PCE and dichlorodifluoromethane occurred in MW-06 between December 2016 and May 2017. No VOCs were detected in MW-13, as found in previous years.

As shown on Table 2, iron and manganese concentrations fluctuated from December 2016-May 2017. Overall, iron concentrations appeared to increase from November 2015 to May 2017 in three (3) of the monitoring wells. A notable increase in manganese and iron was noted between December 2016 and May 2017 in MW-06. A significant rise in iron was also observed in MW-JCL-02 between December 2016 and May 2017.

Concentrations of CVOCs in the source area exceeded applicable groundwater standards. With the exception of MW-06, an overall decline in the concentrations of CVOCs was observed.

June 2017 - June 2018

From June 2017 to June 2018, CVOC concentrations generally declined as indicated by the analytical results from MW-JCL-02, and MW-06. No CVOC concentration exceedances were detected in MW-03R in December 2017 or May 2018. This reduction in CVOC concentration is attributed to the introduction of the ISCO agent, PersulfOx[®], administered in the excavation following source area removal and natural attenuation in April 2016.

As shown in Table 1 iron and manganese concentrations fluctuated from December 2017 to May 2018. Overall, iron concentrations generally appeared to increase from 2014 to June 2018 in four (4) of the monitoring wells. An increase in iron concentration was observed in MW-03R and MW-JCL-02 from June 2017 to June 2018. An increase in manganese was noted in MW-03R, MW-06 and MW-JCL-02 during the reporting period. Iron and manganese serve as alternate electron acceptors for microbial respiration in the absence of oxygen and nitrate. An increase in dissolved or total manganese and iron indicates that the groundwater environment is sufficiently reducing to sustain Mn and Fe reduction and for anaerobic dechlorination to occur (ITRC. 2008. In Situ Bioremediation of Chlorinated Ethene: DNAPL Source Zones. Interstate Technology and Regulatory Council).

June 2018 - June 2019

No groundwater sampling was completed as part of this reporting period. The NYSDEC approved a reduced groundwater frequency sampling schedule to every fifth quarter. The most recent groundwater sampling event was completed in June 2018 (refer to June 2017- June 2018 result summary), the next sampling event will be completed in the fourth quarter of 2020 (October, November, December).



June 2019 - June 2020

Concentrations of both iron and manganese decreased at all monitoring wells during the current sampling period in comparison to May 2018 sampling but continue to exceed applicable groundwater guidance values.

Dichlorodifluoromethane levels increased slightly in all monitoring wells and exceedances were observed in monitoring wells MW-03R, MW-13, and MW-JCL-02. MW-13 was observed to have an increase in cis-1,2-dichloroethene in comparison to May 2018 sampling, as well as exceedances in dichlorodifluoromethane and 1,1-dichloroethane not observed in previous sampling rounds.

As indicated by the following table, groundwater elevations at this Site fluctuate substantially, which is considered to be a contributing factor in the variable analytical data observed relative to MW-13 and MW-03R. Although National Weather Service records indicate exceptionally low rainfall in July 2019 compared with unusually high rainfall in September 2019, a causal relationship between rainfall and the occurrence of VOCs at MW-13 in 2019 has not been established. It is noted that tetrachloroethene was not detected in MW-13.

June 2020 - June 2021

Apart from the increased manganese level observed at MW-JCL-02, groundwater concentrations of both iron and manganese continue to decrease, but generally exceed applicable groundwater guidance values for the October 2020 sampling.

Despite slight increases in cis-1,2-dichloroethene at MW-JCL-02, tetrachloroethene at MW-06, dichlorodifluoromethane at MW-03R and vinyl chloride at MW-13, levels of target organic contaminants generally continued to decrease since 2019 sampling event.

June 2021 - June 2022

Groundwater concentrations of both iron and manganese continue to decrease, with the exception of increased iron levels observed at MW-13 and MW-JCL-02, and exceed applicable groundwater guidance values for the January 2022 sampling event.

Slight increases in the concentration of dichlorodifluoromethane at MW-03R, tetrachloroethene at MW-06, and dichlorodifluoromethane and cis-1,2-dichloroethene at MW-JCL-02 were observed compared to the October 2020 sampling event. Tetrachloroethene and trichloroethene concentrations decreased in MW-JCL-02 compared to 2020 sampling event.

The sampling event conducted in September 2021 involved sampling only at MW-13 per discussions with NYSDEC. Groundwater concentrations of both iron and manganese indicated an increase compared to October 2020 sampling event, exceeding applicable groundwater guidance values. The concentration of cis-1,2-dichloroethene at MW-13 during the September 2021 sampling decreased substantially compared to October 2020 sampling event.

A slight increase in the concentration of cis-1,2-dichloroethene was noted in the January 2022 sampling event at MW-13. It is inferred that the reductions in 1,2-dichloroethene, dichlorodifluoromethane and 1,1-dichloroethane concentrations at MW-13 since October 2000 are related to continued microbial degradation and natural attenuation of these organic contaminants as groundwater flows down-gradient across the Site.

June 2022 - March 2023

Groundwater concentrations of both iron and manganese continue to decrease, with the exception of increased manganese levels observed at MW-JCL-02, and exceed applicable groundwater guidance values for the September 2022 sampling event.

Decreases in the concentration of dichlorodifluoromethane at MW-03R, tetrachloroethene at MW-06, and trichloroethene and cis-1,2-dichloroethene at MW-JCL-02 were observed in September 2022 compared to the January 2022 sampling event. It is also noted that VOCs were not detected at MW-13 in the September 2022 sampling event.

As indicated by the following table, groundwater elevations were generally lower in the September 2022 sampling event compared to January 2022.

Groundwater Elevation Comparison

Monitoring Well	PVC Elevation	September 2019	October 2020	January 2022	September 2022
MW-3R	588.30	585.70	585.70	585.44	584.94
MW-06	591.73	588.43	588.36	585.60	584.66
MW-13	591.08	587.28	587.98	584.46	584.46
MW-JCL-02	591.51	588.21	587.30	585.62	584.52

**All values presented in feet.*

Figure 3 includes groundwater flow contours and summarized September 2022 analytical findings. All laboratory analytical data is included as Attachment C of this report. Samples were analyzed by Paradigm Environmental Services, Inc., a NYSDOH ELAP-CLP certified laboratory (ELAP) located in Rochester, New York. All sampling methods and QA/QC measures were adhered to as outlined in the approved SMP. Sample data has been uploaded to the NYSDEC EQulS, as required.

6.0 Operation and Maintenance Plan Compliance Report

ECs in place at the Site include the building floor slab, sidewalks and asphalt pavement, collectively referred to as the “Cap” or soil cover system, as well as the retaining wall. During this reporting period, operation and maintenance is limited to periodic inspection of the Cap, which is documented using the Site Inspection Form. Copies of the Site Inspection Form are included as Attachment A in this report. The Operation and Maintenance Plan located in the SMP describes the measures necessary to operate, monitor and maintain the mechanical components of the remedy selected for the Site.

7.0 Conclusions and Recommendations

IC/EC Compliance

The requirements and regulations set forth in the SMP for ICs were complied with during this reporting period. This includes the following:

Land Use Restriction – The Site is currently used as a commercial recreational vehicle sales and service facility and the requirements of this restriction has been met during this reporting period.



Groundwater Use Restriction – The Site is currently connected to a supplied potable water source and does not use Site groundwater in any capacity, therefore meeting the requirements of this restriction in this reporting period.

Site Management Plan (SMP) – The Site is currently in compliance with all components of the Site-specific SMP and all requirements have been met during this reporting period.

The requirements set forth in the SMP for all ECs were met during this reporting period. This includes the following:

Soil Cover System (Cap) – The Site Cap was in compliance with the SMP during this reporting period. Following asphalt replacement per the provisions outlined in the SMP in 2013 as well as Cap restoration following redevelopment activities in 2016, the Cap met and continues to meet the necessary compliance requirements. The retaining wall, as part of the cover system, is also in compliance with all components of the Site-specific SMP. All requirements have been met during this reporting period.

Based on post-remedial groundwater and SVI sampling conducted to date, residual groundwater, and soil contamination persists, but appears to be attenuating as indicated by the overall continued decreases in tetrachloroethene and other contaminant concentrations. The previously discussed Site-specific ICs and ECs for the Site continue to meet the remedial objectives while establishing protection of public health and the environment. The continued effectiveness of the ICs/ECs have allowed the remedial objectives at the Site to be met for this reporting period.

It is recommended that well sampling and analysis is conducted consistent with the approved SMP (scheduled for the second quarter of 2023) and that the next PRR be submitted approximately one (1) year from submittal of this PRR.



Wilkins RV (Former Churchville Ford) Site (#V00658-8)

Village of Churchville

Town of Riga

Table 1 Groundwater Results - Metals

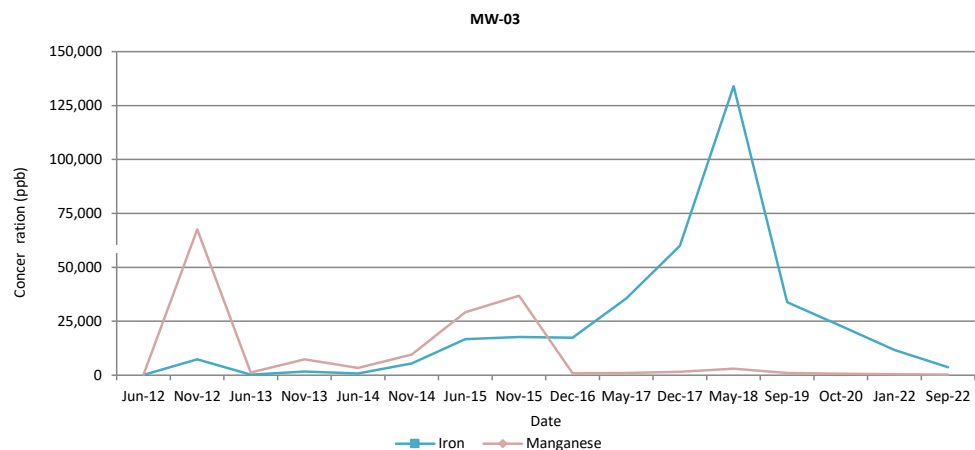
Analytical Parameters ¹	Groundwater Standard ²	MW-03								MW-03R							
		Post-Remediation															
		Jun-12	Nov-12	Jun-13	Nov-13	Jun-14	Nov-14	Jun-15	Nov-15	Dec-16	May-17	Dec-17	May-18	Sep-19	Oct-20	Jan-22	Sep-22
EPA 6010-Metals																	
Iron	300**	134	7,370	229	1,740	789	5,460	16,700	17,700	17,400	35,600	60,000	134,000	33,800	22,800	11,700	3,640
Manganese	300**	293	67,600	1,250	7,350	3,350	9,540	29,200	36,800	913	1,030	1,530	3,030	1,020	703	440	269

Detected above NYS Ambient Groundwater Standard or applicable NYSDEC Guidance Value

1: Results presented in µg/L (micrograms per liter) and/or ppb (parts per billion)

2: 6NYCRR Part 703.5 NYS Ambient Groundwater Quality Standards

** : Sum total concentration of Iron and Manganese standard is 500 ug/L per NYSDEC Part 703.5 Class GA groundwater standards



Wilkins RV (Former Churchville Ford) Site (#V00658-8)

Village of Churchville

Town of Riga

Table 1 Groundwater Results - Metals

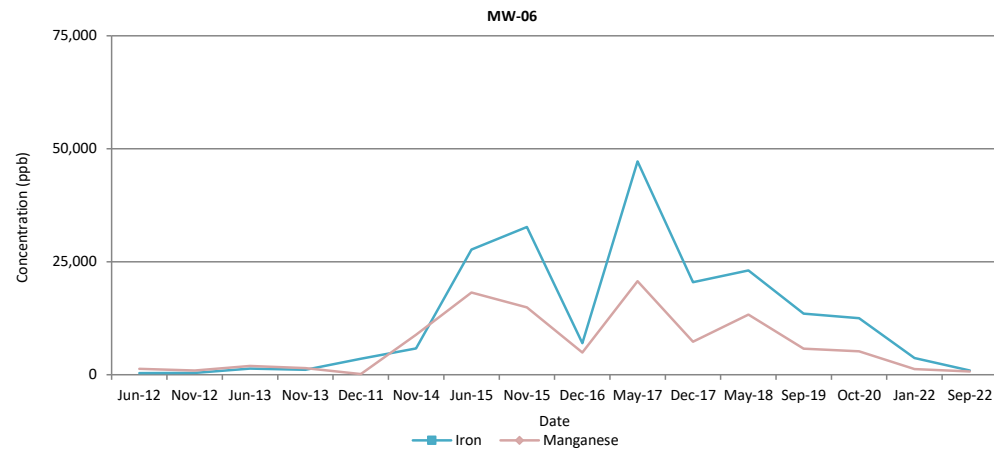
Analytical Parameters ¹	Groundwater Standard ²	MW-06															
		Post-Remediation															
		Jun-12	Nov-12	Jun-13	Nov-13	Dec-11	Nov-14	Jun-15	Nov-15	Dec-16	May-17	Dec-17	May-18	Sep-19	Oct-20	Jan-22	Sep-22
EPA 6010-Metals																	
Iron	300**	360	378	1,340	1,110	3,510	5,830	27,700	32,700	6,990	47,200	20,500	23,100	13,500	12,500	3,670	940
Manganese	300**	1,290	920	1,940	1,470	146	8,840	18,200	14,900	4,910	20,700	7,330	13,300	5,760	5,200	1,270	708

Detected above NYS Ambient Groundwater Standard or applicable NYSDEC Guidance Value

1: Results presented in µg/L (micrograms per liter) and/or ppb (parts per billion)

2: 6NYCRR Part 703.5 NYS Ambient Groundwater Quality Standards

** : Sum total concentration of Iron and Manganese standard is 500 µg/L per NYSDEC Part 703.5 Class GA groundwater standards



Wilkins RV (Former Churchville Ford) Site (#V00658-8)

Village of Churchville

Town of Riga

Table 1 Groundwater Results - Metals

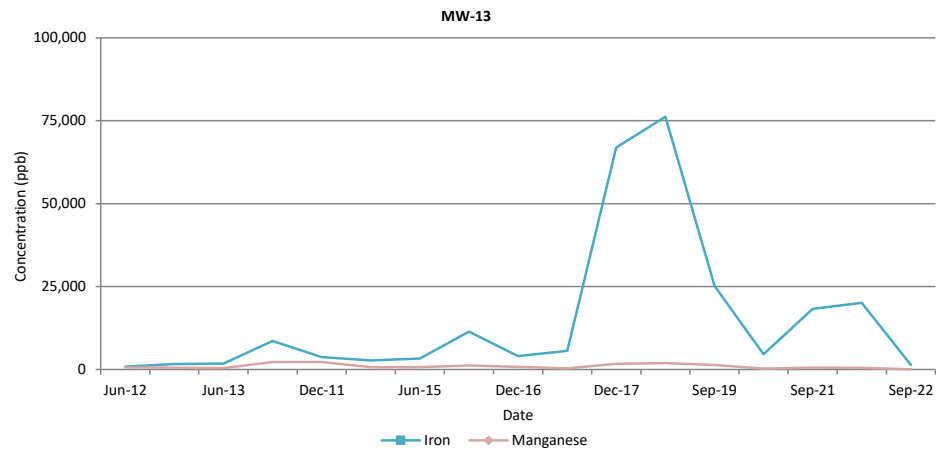
Analytical Parameters ¹	Groundwater Standard ²	MW-13																
		Post-Remediation																
		Jun-12	Nov-12	Jun-13	Aug-10	Dec-11	Nov-14	Jun-15	Nov-15	Dec-16	May-17	Dec-17	May-18	Sep-19	Oct-20	Sep-21	Jan-22	Sep-22
EPA 6010-Metals																		
Iron	300**	875	1,670	1,800	8,610	3,740	2,710	3,340	11,400	4,060	5,630	66,900	76,200	25,200	4,610	18,300	20,100	1,350
Manganese	300**	606	576	411	2,260	2,260	738	699	1,240	777	327	1,690	1,930	1,350	260	558	494	65.7

Detected above NYS Ambient Groundwater Standard or applicable NYSDEC Guidance Value

1: Results presented in µg/L (micrograms per liter) and/or ppb (parts per billion)

2: 6NYCRR Part 703.5 NYS Ambient Groundwater Quality Standards

** : Sum total concentration of Iron and Manganese standard is 500 ug/L per NYSDEC Part 703.5 Class GA groundwater standards



Wilkins RV (Former Churchville Ford) Site (#V00658-8)

Village of Churchville

Town of Riga

Table 1 Groundwater Results - Metals

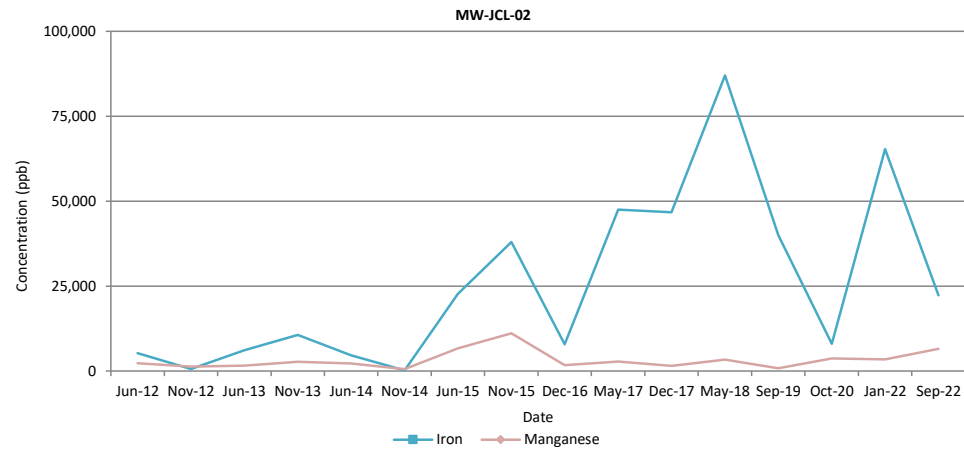
Analytical Parameters ¹	Groundwater Standard ²	MW-JCL-02															
		Post-Remediation															
		Jun-12	Nov-12	Jun-13	Nov-13	Jun-14	Nov-14	Jun-15	Nov-15	Dec-16	May-17	Dec-17	May-18	Sep-19	Oct-20	Jan-22	Sep-22
EPA 6010-Metals																	
Iron	300**	5,250	611	6,140	10,600	4,630	195	22,700	38,000	7,860	47,500	46,700	87,000	40,000	8,020	65,300	22,300
Manganese	300**	2,260	1,290	1,580	2,710	2,190	557	6,650	11,100	1,740	2,780	1,490	3,350	838	3,710	3,420	6,500

Detected above NYS Ambient Groundwater Standard or applicable NYSDEC Guidance Value

1: Results presented in µg/L (micrograms per liter) and/or ppb (parts per billion)

2: 6NYCRR Part 703.5 NYS Ambient Groundwater Quality Standards

** : Sum total concentration of Iron and Manganese standard is 500 µg/L per NYSDEC Part 703.5 Class GA groundwater standards



Wilkins RV (Former Churchville Ford) Site (#V00658-8)
Village of Churchville
Town of Riga

Table 2 Groundwater Results - CVOCs/VOCs

Detected Parameters ¹	NYSDEC Groundwater Standard ²	MW-03								MW-03R							
		Post-Remediation															
		Jun-12	Nov-12	Jun-13	Nov-13	Jun-14	Nov-14	Jun-15	Nov-15	Dec-16	May-17	Dec-17	May-18	Sep-19	Oct-20	Jan-22	Sep-22
Acetone	50*	ND	ND	2270	1,200 B	ND	ND	ND	ND	14.9	7.99 J	ND	6.57 J	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	0.510 J	ND	ND	ND	0.621	ND	ND	ND
Methylene Chloride	5	ND	995 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	50*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	1.49	ND	2.64	2.1	5.11	7.68	16.7	7.6 J
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-Tert-Butyl Ether	10*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	11,000	9,140	3480	14,000	7,530	4,920	2,840	2,170	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	8,940	4,760	5300	6,340	6,930	2,700	2,830	2,960	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	5,900	3,170	4030	7,380	6,150	4,040	3,030	3,300	ND	ND	ND	ND	ND	ND	ND	ND

Detected above NYS Ambient Groundwater Standard or applicable NYSDEC Guidance Value

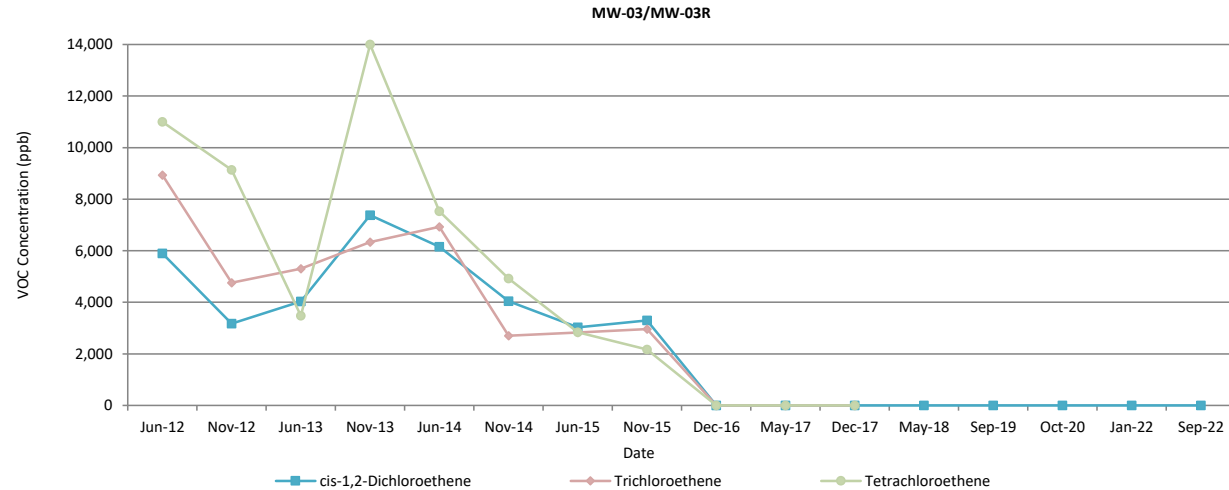
1: Results presented in µg/L (micrograms per liter) and/or ppb (parts per billion)

2: 6NYCRR Part 703.5 NYS Ambient Groundwater Quality Standards

*: NYSDEC Guidance Value

J: Value is estimated

ND: Not detected above reporting limit



Wilkins RV (Former Churchville Ford) Site (#V00658-8)
Village of Churchville
Town of Riga

Table 2 Groundwater Results - CVOCs/VOCs

Detected Parameters ¹	NYSDEC Groundwater Standard ²	MW-06															
		Post-Remediation															
		Jun-12	Nov-12	Jun-13	Nov-13	Jun-14	Nov-14	Jun-15	Nov-15	Dec-16	May-17	Dec-17	May-18	Sep-19	Oct-20	Jan-22	Sep-22
Acetone	50*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	50*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	2.92	2.91	1.59	ND	1.03	ND	ND	ND	ND	ND
Chloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	17.4	1.75 J	3.59	3.15	4.01	6.11	19.3	11.3	6.8	10.1	8.3	2.1	4.35	3.57	ND	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-Tert-Butyl Ether	10*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	14.7	8.51	8.89	11.9	9.01	12.8	10.1	12.1	14.5	18.6	22.2	11.9	11.1	14.2	19.7	18
trans-1,2-Dichloroethene	5*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	2.22	1.92 J	1.5 J	1.78 J	1.47 J	ND	1.94	2.06	2.14	1.88 J	2.73	1.26	1.26	2.08	2.98	ND
Vinyl chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND

Detected above NYS Ambient Groundwater Standard or applicable NYSDEC Guidance Value

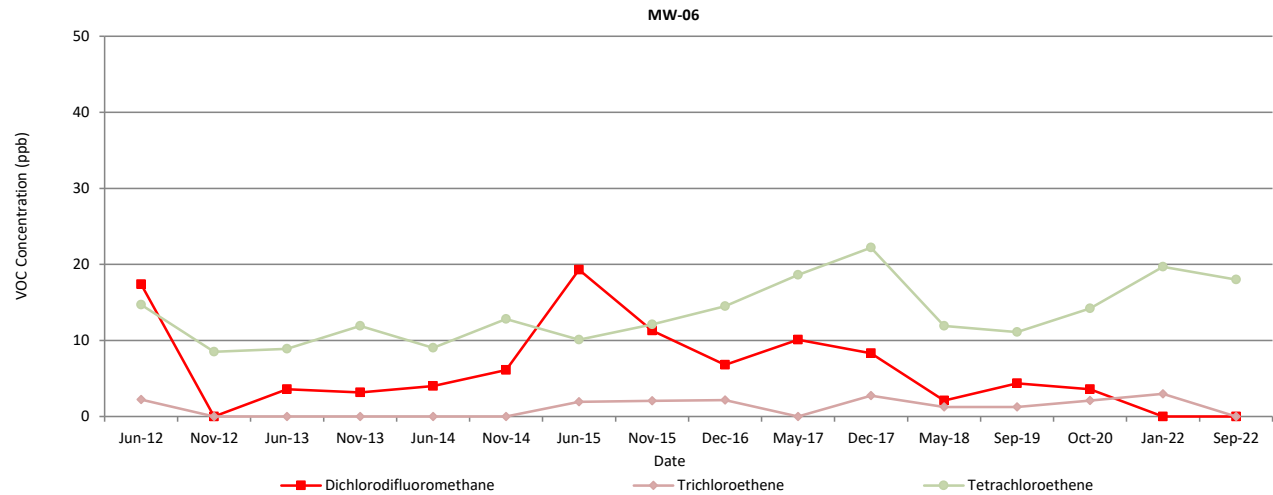
1: Results presented in µg/L (micrograms per liter) and/or ppb (parts per billion)

2: 6NYCRR Part 703.5 NYS Ambient Groundwater Quality Standards

*: NYSDEC Guidance Value

J: Value is estimated

ND: Not detected above reporting limit



Wilkins RV (Former Churchville Ford) Site (#V00658-8)
Village of Churchville
Town of Riga

Table 2 Groundwater Results - CVOCs/VOCs

Detected Parameters ¹	NYSDEC Groundwater Standard ²	MW-13																
		Post-Remediation																
		Jun-12	Nov-12	Jun-13	Nov-13	Jun-14	Nov-14	Jun-15	Nov-15	Dec-16	May-17	Dec-17	May-18	Sep-19	Oct-20	Sep-21	Jan-22	Sep-22
Acetone	50*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methylene Chloride	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	50*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Dichlorodifluoromethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	5.25	ND	ND	2.31	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	8.34	1.21	ND	ND	ND
Methyl-Tert-Butyl Ether	10*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
trans-1,2-Dichloroethene	5*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Trichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Vinyl chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.48	ND	ND	ND
cis-1,2-Dichloroethene	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	2.54	399	76.8	10.4	28.4	ND

Detected above NYS Ambient Groundwater Standard or applicable NYSDEC Guidance Value

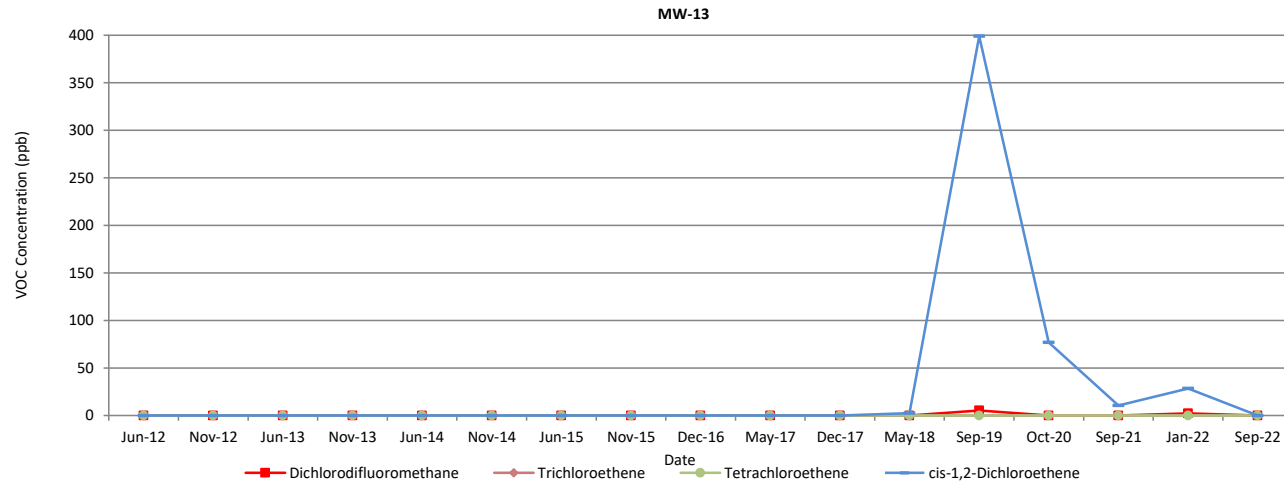
1: Results presented in µg/L (micrograms per liter) and/or ppb (parts per billion)

2: 6NYCRR Part 703.5 NYS Ambient Groundwater Quality Standards

*: NYSDEC Guidance Value

J: Value is estimated

ND: Not detected above reporting limit



Wilkins RV (Former Churchville Ford) Site (#V00658-8)
Village of Churchville
Town of Riga

Table 2 Groundwater Results - CVOs/VOCs

Detected Parameters ¹	NYSDEC Groundwater Standard ²	MW-JCL-02															
		Post- Remediation															
		Jun-12	Nov-12	Jun-13	Nov-13	Jun-14	Nov-14	Jun-15	Nov-15	Dec-16	May-17	Dec-17	May-18	Sep-19	Oct-20	Jan-22	Sep-22
Acetone	50*	ND	ND	314	626 B	ND	ND	ND	ND	13.0	21.1	206	96.6	11.3	ND	ND	ND
Benzene	1	ND	ND	ND	ND	ND	ND	ND	ND	0.738	ND	7.38	2.96	1.79	0.597	ND	ND
Methylene Chloride	5	ND	118 J	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl Ethyl Ketone	50*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Carbon disulfide	-	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.14 J	2.27	1.28 J	1.44	ND	ND	ND
Chloroform	7	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Chloromethane	-	ND	ND	ND	ND	ND	ND	ND	ND	1.76	1.51 J	35.3	9.1	ND	ND	ND	ND
Dichlorodifluoromethane	5	90 J	ND	ND	ND	ND	ND	68.5 J	ND	2.91	ND	23.7	3.68	18.3	5.89	15.7	ND
1,1-Dichloroethane	5	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Methyl-Tert-Butyl Ether	10*	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
Tetrachloroethene	5	1,600	480	812	659	1,910	900	2,080	1,680	102	32.2	127	43.1	14.4	6.59	5.67	ND
trans-1,2-Dichloroethene	5*	ND	ND	ND	ND	ND	ND	ND	ND	3.45	1.23 J	5.7	ND	5.22	2.06	2.34	ND
Trichloroethene	5	3,070	1,280	2240	1,900	2,770	1,690	2,790	2,440	180	28.8	200	114	171	53.7	34.2	28
Vinyl chloride	2	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1.04	ND
cis-1,2-Dichloroethene	5	2,490	1,490	2410	1,800	3,030	1,860	3,120	2,510	121	17.8	130	76.7	127	146	195	180

Detected above NYS Ambient Groundwater Standard or applicable NYSDEC Guidance Value

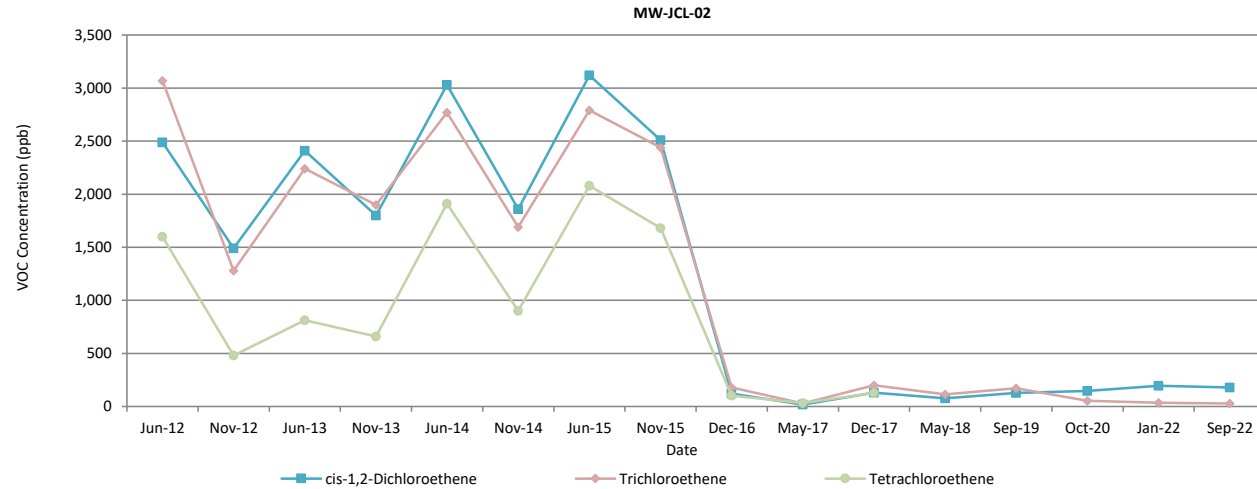
1: Results presented in µg/L (micrograms per liter) and/or ppb (parts per billion)

2: 6NYCRR Part 703.5 NYS Ambient Groundwater Quality Standards

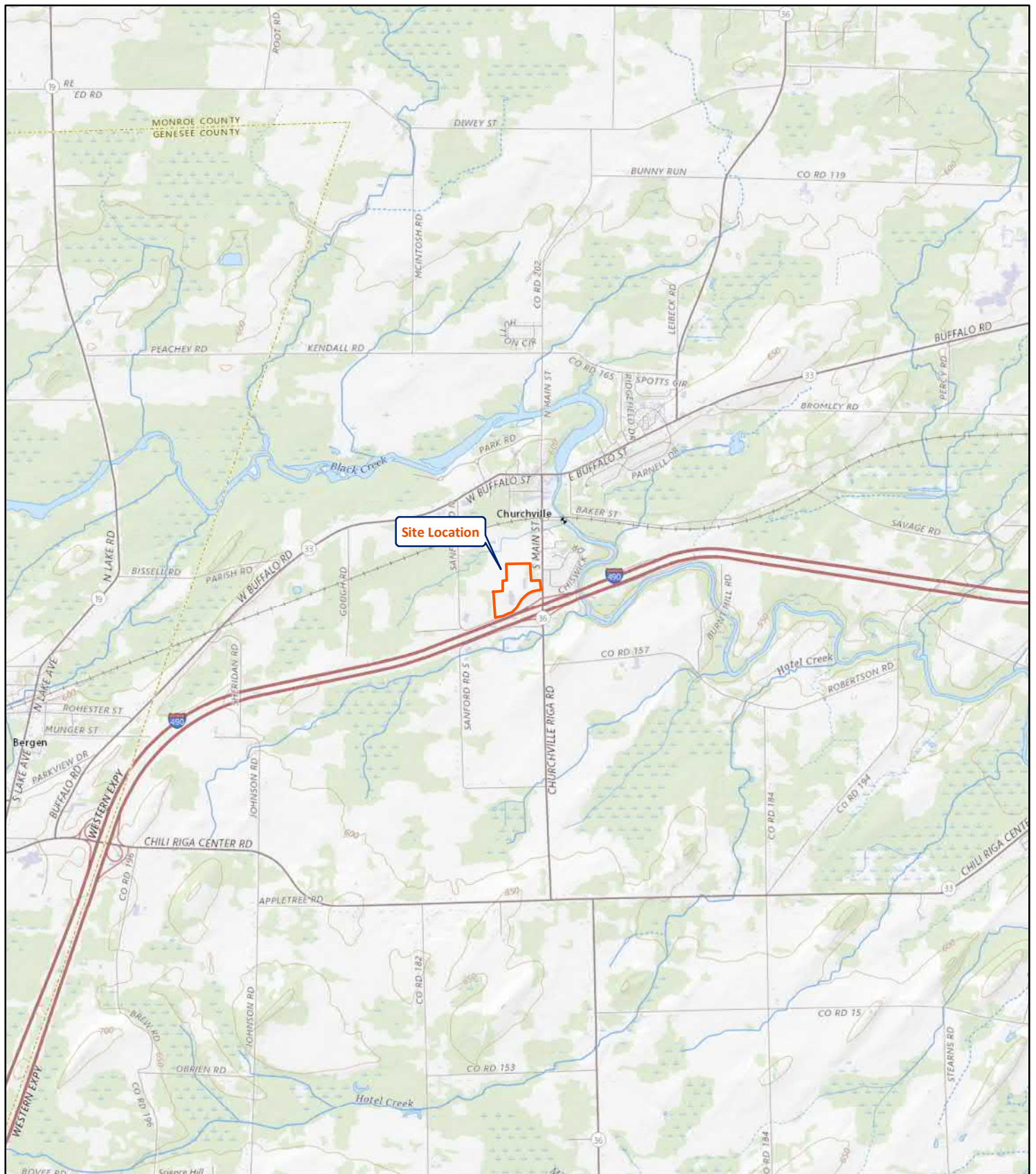
*: NYSDEC Guidance Value

J: Value is estimated

ND: Not detected above reporting limit







Scale 1:48,000

Contour Interval: 50-feet

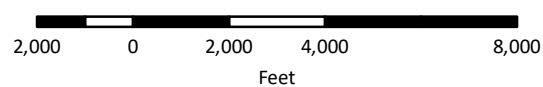


Figure 1. Site Location Map
Former Churchville Ford, Inc, Site
111 South Main Street
Churchville, New York

DATE: March 2023

PROJECT #: 50185-02

DRAWN/CHECKED: BGS/GLA

DATA SOURCE:
ESRI Online Basemap

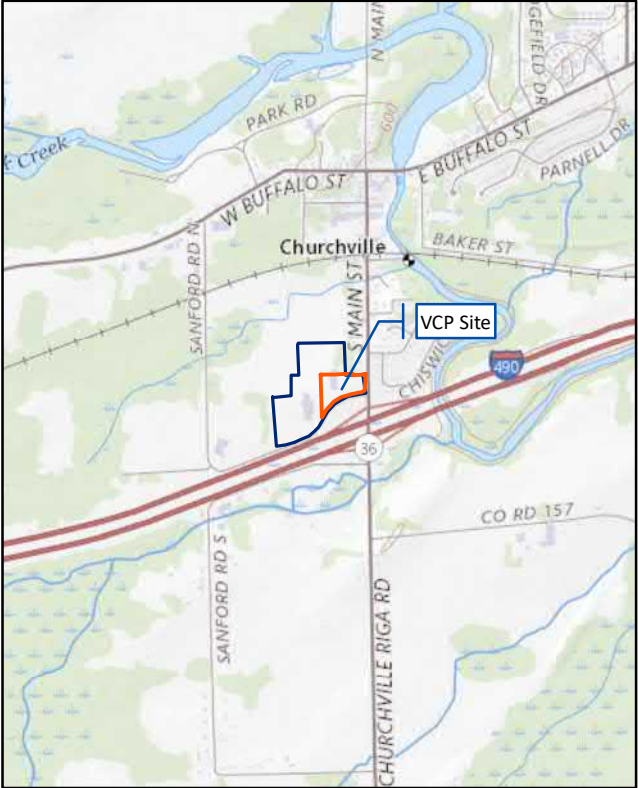
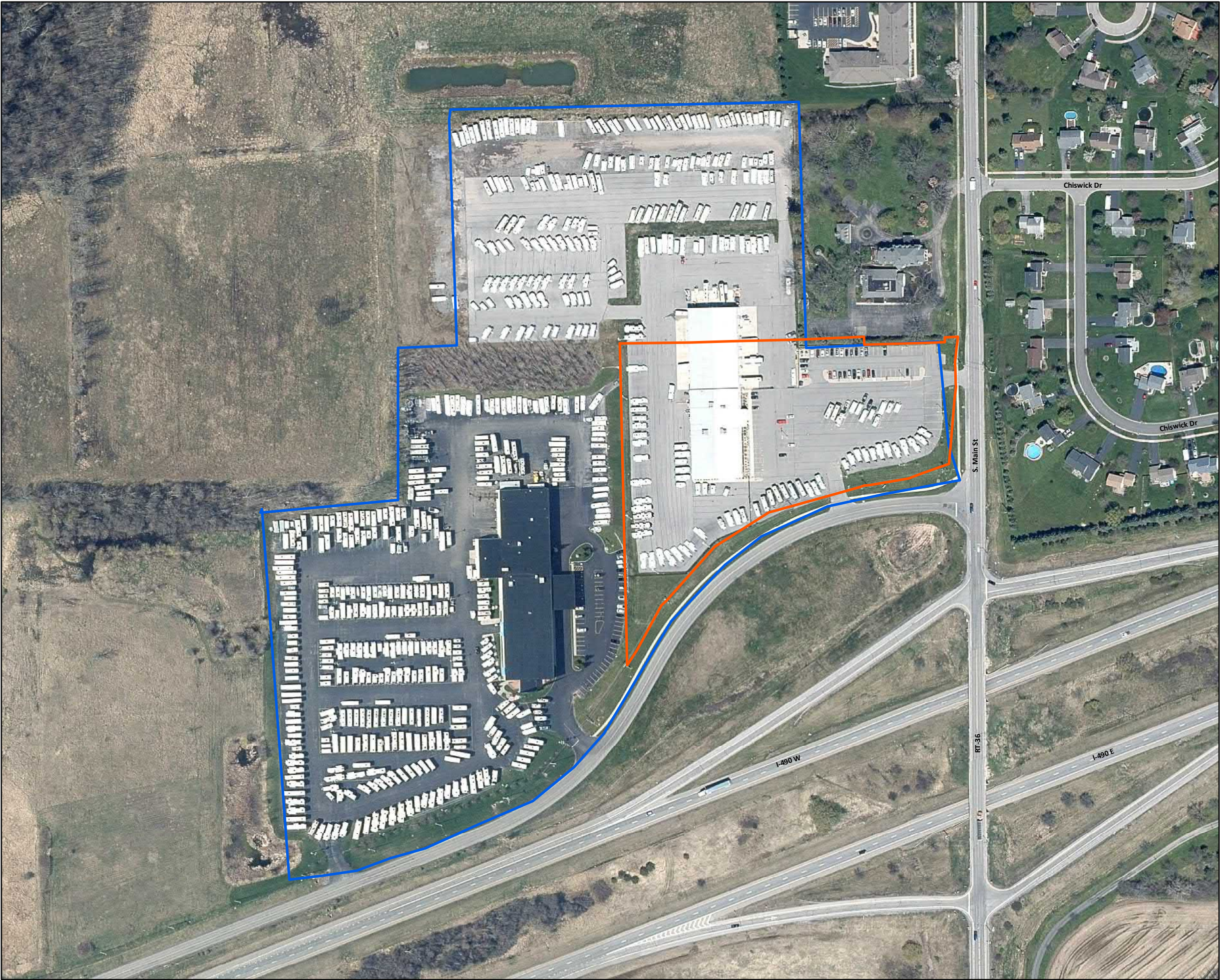
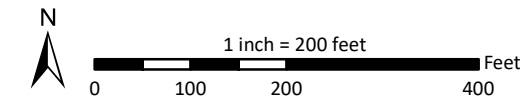


Figure 2:
Site Plan

Project:
Former Churchville Ford Site
Periodic Review Report 2022-2023

Location:
111 South Main Street
Town of Riga, Monroe County, NY

Legend
[Blue Outline] Property Boundary
[Orange Outline] VCP Site Boundary



Drawn/Checked By: BGS/GLA
Lu Project Number: 50185
Date: March 2023
Notes: 1. Coordinate System: NAD 1983 (2011) State Plane NY West FIPS 3103 Feet 2. Orthoimagery (October 2019) downloaded from Pictometry 3. Scale: 1:2400 (original document size 11"x17")

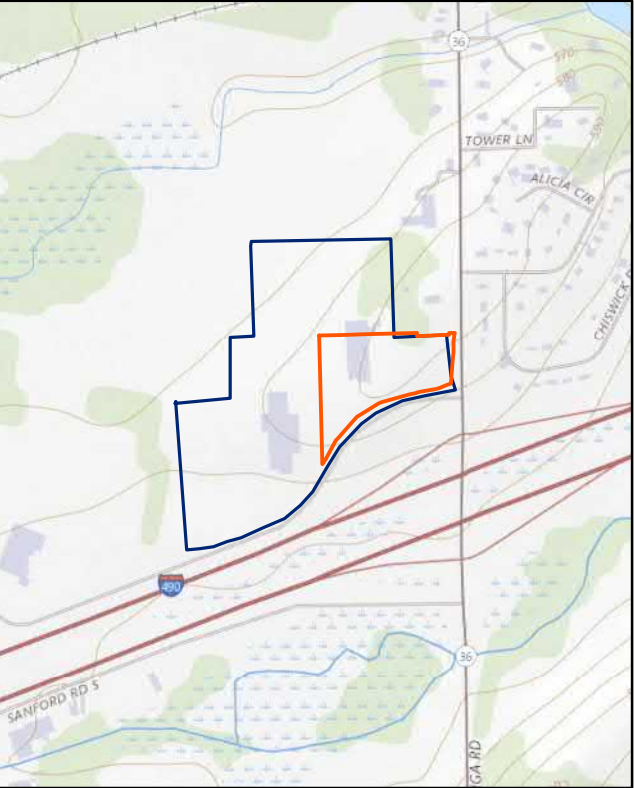
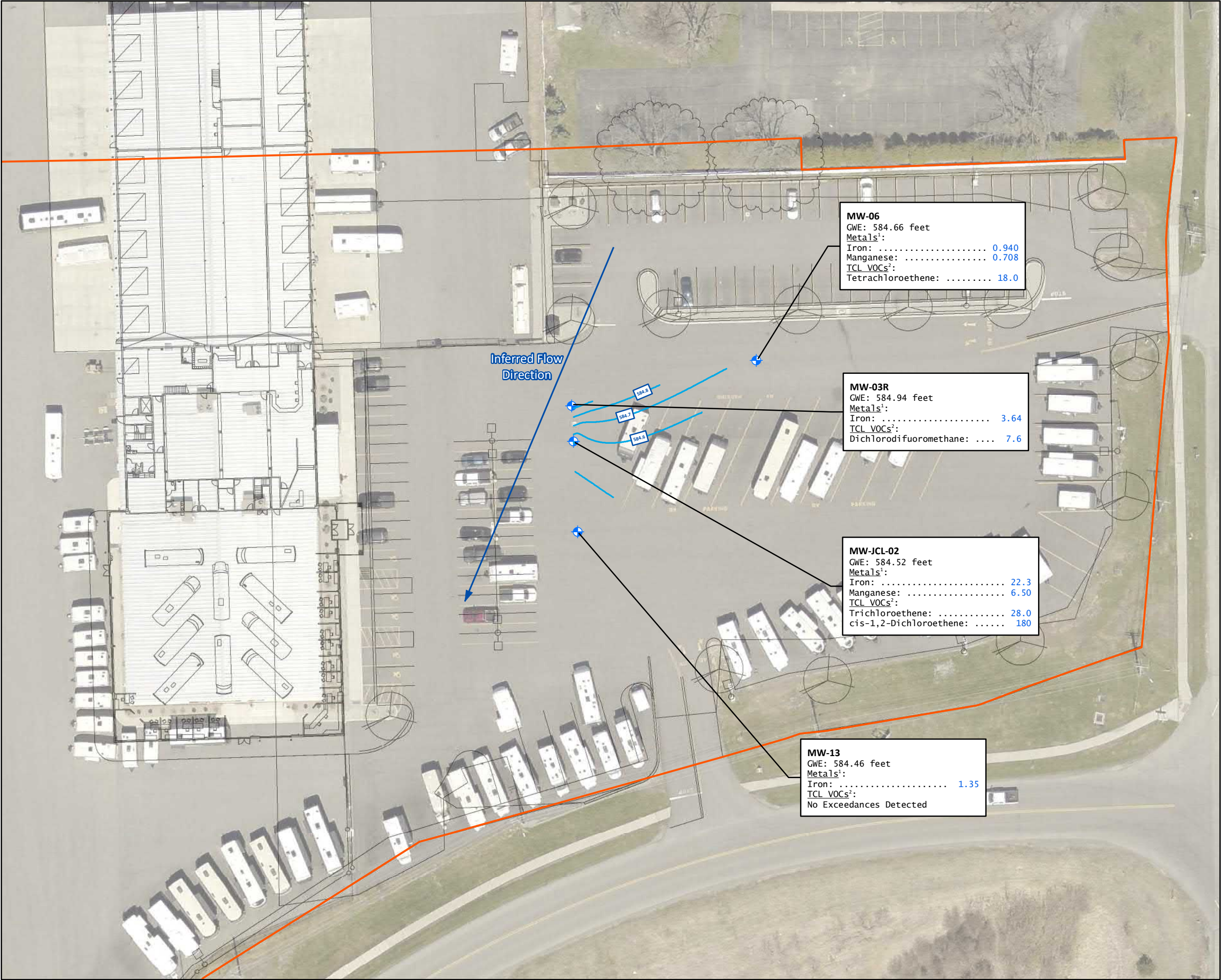


Figure 3:
September 2022 Groundwater Analytical Results

Project:
Former Churchville Ford Site
Periodic Review Report 2022-2023

Location:
111 South Main Street
Town of Riga, Monroe County, NY

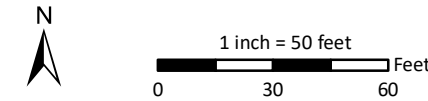
Legend

- VCP Boundary
- Groundwater Contour
- Monitoring Well

Notes:

- Results Indicated in mg/L or ppm
- Results Indicated in ug/L or ppb

BLUE TEXT: Result exceeds Part 703.5 Class GA Ambient Groundwater Quality Standards



Drawn/Checked By: KM/GLA
Lu Project Number: 50185
Date: February 2023

Notes:

- Coordinate System: NAD 1983 (2011) State Plane NY West FIPS 3103 Feet
- Orthoimagery (October 2019) downloaded from Pictometry
- Scale: 1:720 (original document size 11"x17")

Attachment A
Site Inspection Form



SITE-WIDE INSPECTION FORM FORMER CHURCHVILLE FORD VCP SITE

Date: 09/30/2022

Name: Ben Seifert

Company: Lu Engineers

Position of person(s) conducting maintenance/inspection activities: Environmental Scientist

Document the following information during each biannual site visit for groundwater sampling:

1. Compliance with all ECs/ICs, including site usage
Yes, The Site is only used for commercial/industrial purposes. All IC/ECs are in compliance with the SMP.
2. An evaluation of the condition and continued effectiveness of the Site Cap and SSDS
Site cover system/cap (asphalt) was in good condition, no cracks, potholes, or penetrations were observed. Monitoring MW-13 one bolt only is functional. MW-03R both bolts are not functioning.
3. General site conditions at the time of the inspection
Site conditions are in compliance with the SMP. New drum supplied by Lu Engineers on 01/19/2022.
4. The site management activities being conducted including, where appropriate, confirmation sampling and a health and safety inspection
SMP activities for the reporting period involved a Site inspection and groundwater sampling of 4 monitoring wells for VOCs, Fe, and Mn.
5. Compliance with permits and schedules included in the Operation and Maintenance Plan
Yes- this sampling was conducted in compliance with the biannual sampling and inspection plan.
6. Confirm that site records are up to date
Yes
7. Conduct a visual inspection of the complete SSDS (i.e., vent fan, piping, warning device, labeling on systems, etc.).
N/A- new building does not have an SSDS (as approved by the NYSDEC).

8. Conduct an inspection of all surfaces to which vacuum is applied.

N/A

9. Inspect all components for condition and proper operation. Are both fans operational?

N/A

10. Inspect the exhaust or discharge point to verify that no air intakes have been located nearby.

N/A

11. Identify and repair any leaks in accordance with Sections 4.3.1(a) and 4.3.4(a) of the NYSDOH Guidance (i.e.; with the systems running, smoke tubes will be used to check for leaks through concrete cracks, floor joints and at the suction points and any leaks will be resealed until smoke is no longer observed flowing through the opening).

N/A

12. Interview an appropriate occupant seeking comments and observations regarding the operation of the System.

N/A

Any Questions or Service needed to the SSDS call MITIGATION TECH at 1-800-637-9228

End of Inspection Form

Attachment B

Groundwater Sampling Logs



 **Lu Engineers**
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Job # 50185
Sampling Event # __
Date 09/30/22

Initial Depth to Water	<u>3.36</u> feet	Measurement Point	<u>TOR</u>	Well Diameter	<u>2"</u>
Final Depth to Water	<u>16.14</u> feet	Well Depth	<u>17.24</u> feet	Well Integrity:	
Screen Length	_____ feet	Pump Intake Depth	_____	Cap	<u>✓</u>
Total Volume Purged	<u>~ 6</u> gallons	PID Well Head	_____	Casing	<u>✓</u>
[purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter]				Locked	<u>✓</u>
Volume of Water in casing – 2" diameter = 0.163 gallons per foot of depth, 4" diameter = 0.653 gallons per foot of depth				Collar	<u>✓</u>

[illegible]

Highly turbid,

 **Lu Engineers**
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Job # 50185
Sampling Event #
Date 09/30/22

Initial Depth to Water	<u>6.31</u>	feet	Measurement Point	<u>TOR</u>	Well Diameter	<u>2"</u>
Final Depth to Water	<u>13.29</u>	feet	Well Depth	<u>14.18</u>	Well Integrity:	
Screen Length		feet	Pump Intake Depth		Cap	<u>✓</u>
Total Volume Purged	<u>~4</u>	gallons	PID Well Head		Casing	<u>✓</u>
[purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter]					Locked	<u>✓</u>
Volume of Water in casing – 2" diameter = 0.163 gallons per foot of depth, 4" diameter = 0.653 gallons per foot of depth					Collar	<u>✓</u>

[illegible]

Highly turbid

 **Lu Engineers**
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Job # 50185
Sampling Event #
Date 09/30/22

Well Diameter 2"
Well Integrity:
Cap ✓
Casing ✓
Locked ✓
Collar ✓

[illegible]

Highly turbid



Lu Engineers
ENVIRONMENTAL • TRANSPORTATION • CIVIL

Job # 50185
Sampling Event # __
Date 09/30/22

Initial Depth to Water	<u>4.66</u>	feet	Measurement Point	<u>TOR</u>	Well Diameter	<u>2"</u>
Final Depth to Water	<u>12.11</u>	feet	Well Depth	<u>31.65</u>	Well Integrity:	
Screen Length		feet	Pump Intake Depth		Cap	<input checked="" type="checkbox"/>
Total Volume Purged	<u>~ 12</u>	gallons	PID Well Head		Casing	<input checked="" type="checkbox"/>
[purge volume (milliliters per minute) x time duration (minutes) x 0.00026 gal/milliliter]					Locked	<input checked="" type="checkbox"/>
Volume of Water in casing – 2" diameter = 0.163 gallons per foot of depth, 4" diameter = 0.653 gallons per foot of depth					Collar	<input checked="" type="checkbox"/>

[illegible]

Purge Observations: _____
Purge Water Containerized: ~~No~~ Yes

Type of Pump: Geotech Geopump
Type of Tubing: 1/2" HDPE Bailer
Type of Water Quality Meter: YSI Pro Plus Quatro; L

Calibrated: Yes

<u>Parameter</u>	<u>Volumes</u>	<u>Sample Collected</u>
VOCs	2 x 40 ml	Yes
RCRA Metals		
PCBs		
Pesticides		

Highly turbid

Attachment C

Laboratory Analytical Reports





Analytical Report For
Lu Engineers, Inc.

For Lab Project ID

224643

Referencing

50185

Prepared

Wednesday, October 12, 2022

The enclosed reports reflect an analysis that has been subcontracted and are presented in their original form.

Enclosed is a summary report; the complete ASP package will follow.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

Adirondack Environmental Services, Inc

Date: 11-Oct-22

CLIENT: Paradigm Environmental
Work Order: 221003011
Reference: Sample Analysis / Project# 224643
PO#:

Client Sample ID: MW-13
Collection Date: 9/30/2022 10:30:00 AM
Lab Sample ID: 221003011-001
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS - EPA 200.7						Analyst: KH
(Prep: SW3010A - 10/4/2022)						
Iron	1350	100		µg/L	1	10/7/2022 11:36:00 AM
Manganese	65.7	15.0		µg/L	1	10/7/2022 11:36:00 AM
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: SMD
Chloromethane	ND	10		µg/L	1	10/4/2022 4:40:00 PM
Bromomethane	ND	10		µg/L	1	10/4/2022 4:40:00 PM
Vinyl chloride	ND	10		µg/L	1	10/4/2022 4:40:00 PM
Chloroethane	ND	10		µg/L	1	10/4/2022 4:40:00 PM
Methylene chloride	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Acetone	ND	10		µg/L	1	10/4/2022 4:40:00 PM
Carbon disulfide	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Chloroform	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
2-Butanone	ND	10		µg/L	1	10/4/2022 4:40:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Trichloroethene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Benzene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Bromoform	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/4/2022 4:40:00 PM
2-Hexanone	ND	10		µg/L	1	10/4/2022 4:40:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Toluene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Chlorobenzene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Ethylbenzene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Styrene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 X - Value exceeds Maximum Contaminant Level
 E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
 Z - RPD outside accepted recovery limits
 N - Matrix Spike below accepted limits (+ above)
 T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

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Reference: Sample Analysis / Project# 224643
PO#:

Client Sample ID: MW-13
Collection Date: 9/30/2022 10:30:00 AM
Lab Sample ID: 221003011-001
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: SMD
m,p-Xylene	ND	10		µg/L	1	10/4/2022 4:40:00 PM
o-Xylene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Methyl tert-butyl ether	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Dichlorodifluoromethane	ND	10		µg/L	1	10/4/2022 4:40:00 PM
Methyl Acetate	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Cyclohexane	ND	10		µg/L	1	10/4/2022 4:40:00 PM
Methyl Cyclohexane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
Isopropylbenzene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 4:40:00 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	1	10/4/2022 4:40:00 PM
1,2,4-Trichlorobenzene	ND	6.0		µg/L	1	10/4/2022 4:40:00 PM
Surr: 1,2-Dichloroethane-d4	103	74-127		%REC	1	10/4/2022 4:40:00 PM
Surr: 4-Bromofluorobenzene	96.3	74-128		%REC	1	10/4/2022 4:40:00 PM
Surr: Toluene-d8	97.7	75-127		%REC	1	10/4/2022 4:40:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
	E - Value above quantitation range-Estimate	

Adirondack Environmental Services, Inc

Date: 11-Oct-22

CLIENT: Paradigm Environmental
Work Order: 221003011
Reference: Sample Analysis / Project# 224643
PO#:

Client Sample ID: MW-JCL-02
Collection Date: 9/30/2022 11:30:00 AM
Lab Sample ID: 221003011-002
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS - EPA 200.7						Analyst: KH
(Prep: SW3010A - 10/4/2022)						
Iron	22300	100		µg/L	1	10/7/2022 11:43:00 AM
Manganese	6500	15.0		µg/L	1	10/7/2022 11:43:00 AM
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: SMD
Chloromethane	ND	10		µg/L	1	10/4/2022 5:02:00 PM
Bromomethane	ND	10		µg/L	1	10/4/2022 5:02:00 PM
Vinyl chloride	ND	10		µg/L	1	10/4/2022 5:02:00 PM
Chloroethane	ND	10		µg/L	1	10/4/2022 5:02:00 PM
Methylene chloride	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Acetone	ND	10		µg/L	1	10/4/2022 5:02:00 PM
Carbon disulfide	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
cis-1,2-Dichloroethene	180	5.0		µg/L	1	10/4/2022 5:02:00 PM
Chloroform	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
2-Butanone	ND	10		µg/L	1	10/4/2022 5:02:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Trichloroethene	28	5.0		µg/L	1	10/4/2022 5:02:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Benzene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Bromoform	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/4/2022 5:02:00 PM
2-Hexanone	ND	10		µg/L	1	10/4/2022 5:02:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Toluene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Chlorobenzene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Ethylbenzene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Styrene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
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Adirondack Environmental Services, Inc

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Work Order: 221003011
Reference: Sample Analysis / Project# 224643
PO#:

Client Sample ID: MW-JCL-02
Collection Date: 9/30/2022 11:30:00 AM
Lab Sample ID: 221003011-002
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: SMD
m,p-Xylene	ND	10		µg/L	1	10/4/2022 5:02:00 PM
o-Xylene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Methyl tert-butyl ether	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Dichlorodifluoromethane	ND	10		µg/L	1	10/4/2022 5:02:00 PM
Methyl Acetate	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Cyclohexane	ND	10		µg/L	1	10/4/2022 5:02:00 PM
Methyl Cyclohexane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
Isopropylbenzene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 5:02:00 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	1	10/4/2022 5:02:00 PM
1,2,4-Trichlorobenzene	ND	6.0		µg/L	1	10/4/2022 5:02:00 PM
Surr: 1,2-Dichloroethane-d4	103	74-127		%REC	1	10/4/2022 5:02:00 PM
Surr: 4-Bromofluorobenzene	96.3	74-128		%REC	1	10/4/2022 5:02:00 PM
Surr: Toluene-d8	98.7	75-127		%REC	1	10/4/2022 5:02:00 PM

Qualifiers:

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N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 11-Oct-22

CLIENT: Paradigm Environmental
Work Order: 221003011
Reference: Sample Analysis / Project# 224643
PO#:

Client Sample ID: MW-03R
Collection Date: 9/30/2022 12:15:00 PM
Lab Sample ID: 221003011-003
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS - EPA 200.7						Analyst: KH
(Prep: SW3010A - 10/4/2022)						
Iron	3640	100		µg/L	1	10/7/2022 11:49:00 AM
Manganese	269	15.0		µg/L	1	10/7/2022 11:49:00 AM
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: SMD
Chloromethane	ND	10		µg/L	1	10/6/2022 6:07:00 PM
Bromomethane	ND	10		µg/L	1	10/6/2022 6:07:00 PM
Vinyl chloride	ND	10		µg/L	1	10/6/2022 6:07:00 PM
Chloroethane	ND	10		µg/L	1	10/6/2022 6:07:00 PM
Methylene chloride	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Acetone	ND	10		µg/L	1	10/6/2022 6:07:00 PM
Carbon disulfide	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Chloroform	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
2-Butanone	ND	10		µg/L	1	10/6/2022 6:07:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Trichloroethene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Benzene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Bromoform	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/6/2022 6:07:00 PM
2-Hexanone	ND	10		µg/L	1	10/6/2022 6:07:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Toluene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Chlorobenzene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Ethylbenzene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Styrene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
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Adirondack Environmental Services, Inc

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Reference: Sample Analysis / Project# 224643
PO#:

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Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: SMD
m,p-Xylene	ND	10		µg/L	1	10/6/2022 6:07:00 PM
o-Xylene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Methyl tert-butyl ether	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Dichlorodifluoromethane	7.6	10	J	µg/L	1	10/6/2022 6:07:00 PM
Methyl Acetate	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Cyclohexane	ND	10		µg/L	1	10/6/2022 6:07:00 PM
Methyl Cyclohexane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
Isopropylbenzene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	10/6/2022 6:07:00 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	1	10/6/2022 6:07:00 PM
1,2,4-Trichlorobenzene	ND	6.0		µg/L	1	10/6/2022 6:07:00 PM
Surr: 1,2-Dichloroethane-d4	101	74-127		%REC	1	10/6/2022 6:07:00 PM
Surr: 4-Bromofluorobenzene	95.5	74-128		%REC	1	10/6/2022 6:07:00 PM
Surr: Toluene-d8	99.3	75-127		%REC	1	10/6/2022 6:07:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
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Adirondack Environmental Services, Inc

Date: 11-Oct-22

CLIENT: Paradigm Environmental
Work Order: 221003011
Reference: Sample Analysis / Project# 224643
PO#:

Client Sample ID: MW-06
Collection Date: 9/30/2022 12:30:00 PM
Lab Sample ID: 221003011-004
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
ICP METALS - EPA 200.7						Analyst: KH
(Prep: SW3010A - 10/4/2022)						
Iron	940	100		µg/L	1	10/7/2022 12:10:00 PM
Manganese	708	15.0		µg/L	1	10/7/2022 12:10:00 PM
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: SMD
Chloromethane	ND	10		µg/L	1	10/4/2022 5:46:00 PM
Bromomethane	ND	10		µg/L	1	10/4/2022 5:46:00 PM
Vinyl chloride	ND	10		µg/L	1	10/4/2022 5:46:00 PM
Chloroethane	ND	10		µg/L	1	10/4/2022 5:46:00 PM
Methylene chloride	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Acetone	ND	10		µg/L	1	10/4/2022 5:46:00 PM
Carbon disulfide	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Chloroform	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
2-Butanone	ND	10		µg/L	1	10/4/2022 5:46:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Trichloroethene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Benzene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Bromoform	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/4/2022 5:46:00 PM
2-Hexanone	ND	10		µg/L	1	10/4/2022 5:46:00 PM
Tetrachloroethene	18	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Toluene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Chlorobenzene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Ethylbenzene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Styrene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM

Qualifiers: ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate
S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 11-Oct-22

CLIENT: Paradigm Environmental
Work Order: 221003011
Reference: Sample Analysis / Project# 224643
PO#:

Client Sample ID: MW-06
Collection Date: 9/30/2022 12:30:00 PM
Lab Sample ID: 221003011-004
Matrix: GROUNDWATER

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: SMD
m,p-Xylene	ND	10		µg/L	1	10/4/2022 5:46:00 PM
o-Xylene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Methyl tert-butyl ether	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Dichlorodifluoromethane	ND	10		µg/L	1	10/4/2022 5:46:00 PM
Methyl Acetate	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Cyclohexane	ND	10		µg/L	1	10/4/2022 5:46:00 PM
Methyl Cyclohexane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
Isopropylbenzene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 5:46:00 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	1	10/4/2022 5:46:00 PM
1,2,4-Trichlorobenzene	ND	6.0		µg/L	1	10/4/2022 5:46:00 PM
Surr: 1,2-Dichloroethane-d4	100	74-127		%REC	1	10/4/2022 5:46:00 PM
Surr: 4-Bromofluorobenzene	97.8	74-128		%REC	1	10/4/2022 5:46:00 PM
Surr: Toluene-d8	100	75-127		%REC	1	10/4/2022 5:46:00 PM

Qualifiers:	ND - Not Detected at the Reporting Limit	S - LCS Spike below accepted limits (+ above)
	J - Analyte detected below quantitation limits	Z - RPD outside accepted recovery limits
	B - Analyte detected in the associated Method Blank	N - Matrix Spike below accepted limits (+ above)
	X - Value exceeds Maximum Contaminant Level	T - Tentatively Identified Compound-Estimated Conc.
	E - Value above quantitation range-Estimate	

Page 8 of 10

Adirondack Environmental Services, Inc

Date: 11-Oct-22

CLIENT: Paradigm Environmental
Work Order: 221003011
Reference: Sample Analysis / Project# 224643
PO#:

Client Sample ID: Trip Blank
Collection Date: 9/30/2022
Lab Sample ID: 221003011-005
Matrix: TRIP BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: SMD
Chloromethane	ND	10		µg/L	1	10/4/2022 4:19:00 PM
Bromomethane	ND	10		µg/L	1	10/4/2022 4:19:00 PM
Vinyl chloride	ND	10		µg/L	1	10/4/2022 4:19:00 PM
Chloroethane	ND	10		µg/L	1	10/4/2022 4:19:00 PM
Methylene chloride	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Acetone	ND	10		µg/L	1	10/4/2022 4:19:00 PM
Carbon disulfide	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,1-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,1-Dichloroethane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
trans-1,2-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
cis-1,2-Dichloroethene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Chloroform	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,2-Dichloroethane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
2-Butanone	ND	10		µg/L	1	10/4/2022 4:19:00 PM
1,1,1-Trichloroethane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Carbon tetrachloride	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Bromodichloromethane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,2-Dichloropropane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
cis-1,3-Dichloropropene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Trichloroethene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Dibromochloromethane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,1,2-Trichloroethane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Benzene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
trans-1,3-Dichloropropene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Bromoform	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
4-Methyl-2-pentanone	ND	10		µg/L	1	10/4/2022 4:19:00 PM
2-Hexanone	ND	10		µg/L	1	10/4/2022 4:19:00 PM
Tetrachloroethene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,1,2,2-Tetrachloroethane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Toluene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Chlorobenzene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Ethylbenzene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Styrene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
m,p-Xylene	ND	10		µg/L	1	10/4/2022 4:19:00 PM
o-Xylene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Methyl tert-butyl ether	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Dichlorodifluoromethane	ND	10		µg/L	1	10/4/2022 4:19:00 PM
Methyl Acetate	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM

Qualifiers:
 ND - Not Detected at the Reporting Limit
 J - Analyte detected below quantitation limits
 B - Analyte detected in the associated Method Blank
 X - Value exceeds Maximum Contaminant Level
 E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
 Z - RPD outside accepted recovery limits
 N - Matrix Spike below accepted limits (+ above)
 T - Tentatively Identified Compound-Estimated Conc.

Adirondack Environmental Services, Inc

Date: 11-Oct-22

CLIENT: Paradigm Environmental

Client Sample ID: Trip Blank

Work Order: 221003011

Collection Date: 9/30/2022

Reference: Sample Analysis / Project# 224643

Lab Sample ID: 221003011-005

PO#:

Matrix: TRIP BLANK

Analyses	Result	RL	Qual	Units	DF	Date Analyzed
VOLATILE ORGANICS EPA 8260C (SW5030C PREP)						Analyst: SMD
1,1,2-Trichloro-1,2,2-trifluoroethane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Trichlorofluoromethane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Cyclohexane	ND	10		µg/L	1	10/4/2022 4:19:00 PM
Methyl Cyclohexane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,2-Dibromoethane	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,3-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
Isopropylbenzene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,2-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,4-Dichlorobenzene	ND	5.0		µg/L	1	10/4/2022 4:19:00 PM
1,2-Dibromo-3-chloropropane	ND	10		µg/L	1	10/4/2022 4:19:00 PM
1,2,4-Trichlorobenzene	ND	6.0		µg/L	1	10/4/2022 4:19:00 PM
Surr: 1,2-Dichloroethane-d4	109	74-127		%REC	1	10/4/2022 4:19:00 PM
Surr: 4-Bromofluorobenzene	96.2	74-128		%REC	1	10/4/2022 4:19:00 PM
Surr: Toluene-d8	96.3	75-127		%REC	1	10/4/2022 4:19:00 PM

Qualifiers:

ND - Not Detected at the Reporting Limit
J - Analyte detected below quantitation limits
B - Analyte detected in the associated Method Blank
X - Value exceeds Maximum Contaminant Level
E - Value above quantitation range-Estimate

S - LCS Spike below accepted limits (+ above)
Z - RPD outside accepted recovery limits
N - Matrix Spike below accepted limits (+ above)
T - Tentitively Identified Compound-Estimated Conc.

CHAIN OF CUSTODY

221003011

ELAP ID: 1



REPORT TO:

INVOICE TO:

COMPANY:	Paradigm Environmental	COMPANY:	Same
ADDRESS:		ADDRESS:	
CITY:	STATE:	ZIP:	
PHONE:	FAX:	PHONE:	FAX:
ATTN:	Reporting	ATTN:	Accounts Payable
COMMENTS: Please email results to reporting@paradigmenv.com			

REQUESTED ANALYSIS

DATE	TIME	COMPOSITION	GRADES	SAMPLE LOCATION/FIELD ID	MATERIALS	CONCENTRATION	TESTS	IRON	MANGANESE	REPORT	REMARKS	SAMPLE NUMBER
10/30/22	1030		X	MW-13	W6	3	X	X	X	224643-01		
2	1130		X	MW-5CL-02	3	3	X	X	X	224643-02		
3	1215		X	MW-03R	3	3	X	X	X	224643-03		
4	1230		X	MW-06	3	3	X	X	X	224643-04		
5			X	Trip Blank	WA	1	X	X	X	224643-05		
6												
7												
8												
9												
10												

****LAB USE ONLY BELOW THIS LINE****

Sample Condition: Per NELAC/ELAP 210/241/242/243/244

Receipt Parameter	NELAC Compliance
Container Type:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	
Preservation:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	
Holding Time:	Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	
Temperature:	40c Y <input type="checkbox"/> N <input type="checkbox"/>
Comments:	

Client

Sampled By	Date/Time
Reinquired By	Date/Time
Received By	Date/Time
Received @ Lab By	Date/Time

Total Cost:

P.I.F.



Experience is the solution

314 North Pearl Street • Albany, New York 12207 • (518) 434-4546 • Fax (518) 434-0891

TERMS, CONDITIONS & LIMITATIONS

All service rendered by the **Adirondack Environmental Services, Inc.** are undertaken and all rates are based upon the following terms:

- (a) Neither **Adirondack Environmental Services, Inc.**, nor any of its employees, agents or sub-contractors shall be liable for any loss or damage arising out of **Adirondack Environmental Services, Inc.**'s performance or nonperformance, whether by way of negligence or breach of contract, or otherwise, in any amount greater than twice the amount billed to the customer for the work leading to the claim of the customer. Said remedy shall be the sole and exclusive remedy against **Adirondack Environmental Services, Inc.** arising out of its work.
- (b) All claims made must be in writing within forty-five (45) days after delivery of the **Adirondack Environmental Services, Inc.** report regarding said work or such claim shall be deemed or irrevocably waived.
- (c) **Adirondack Environmental Services, Inc.** reports are submitted in writing and are for our customers only. Our customers are considered to be only those entities being billed for our services. Acquisition of an **Adirondack Environmental Services, Inc.** report by other than our customer does not constitute a representation of **Adirondack Environmental Services, Inc.** as to the accuracy of the contents thereof.
- (d) In no event shall **Adirondack Environmental Services, Inc.**, its employees, agents or sub-contractors be responsible for consequential or special damages of any kind or in any amount.
- (e) No deviation from the terms set forth herein shall bind **Adirondack Environmental Services, Inc.** unless in writing and signed by a Director of **Adirondack Environmental Services, Inc.**
- (f) Results pertain only to items analyzed. Information supplied by client is assumed to be correct. This information may be used on reports and in calculations and **Adirondack Environmental Services, Inc.** is not responsible for the accuracy of this information.
- (g) Payments by Credit Card/Purchase Cards are subject to a 3% additional charge.



Analytical Report Appendix

The reported results relate only to the samples as they have been received by the laboratory.

Each page of this document is part of a multipage report. This document may not be reproduced except in its entirety, without the prior consent of Paradigm Environmental Services, Inc.

All soil/sludge samples have been reported on a dry weight basis, unless qualified "reported as received". Other solids are reported as received.

Low level Volatiles blank reports for soil/solid matrix are based on a nominal 5 gram weight. Sample results and reporting limits are based on actual weight, which may be more or less than 5 grams.

The Chain of Custody provides additional information, including compliance with sample condition requirements upon receipt. Sample condition requirements are defined under the 2003 NELAC Standard, sections 5.5.8.3.1 and 5.5.8.3.2.

NYSDOH ELAP does not certify for all parameters. Paradigm Environmental Services or the indicated subcontracted laboratory does hold certification for all analytes where certification is offered by ELAP unless otherwise specified. Aliquots separated for certain tests, such as TCLP, are indicated on the Chain of Custody and final reports with an "A" suffix.

Data qualifiers are used, when necessary, to provide additional information about the data. This information may be communicated as a flag or as text at the bottom of the report. Please refer to the following list of analyte-specific, frequently used data flags and their meaning:

"<" = Analyzed for but not detected at or above the quantitation limit.

"E" = Result has been estimated, calibration limit exceeded.

"Z" = See case narrative.

"H" = Sample analyzed outside of holding time.

"D" = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.

"M" = Matrix spike recoveries outside QC limits. Matrix bias indicated.

"B" = Method blank contained trace levels of analyte. Refer to included method blank report.

"J" = Result estimated between the quantitation limit and half the quantitation limit.

"L" = Laboratory Control Sample recovery outside accepted QC limits.

"P" = Concentration differs by more than 40% between the primary and secondary analytical columns.

"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.

"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*

"(1)" = Indicates data from primary column used for QC calculation.

"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.

"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

GENERAL TERMS AND CONDITIONS

LABORATORY SERVICES

These Terms and Conditions embody the whole agreement of the parties in the absence of a signed and executed contract between the Laboratory (LAB) and Client. They shall supersede all previous communications, representations, or agreements, either verbal or written, between the parties. The LAB specifically rejects all additional, inconsistent, or conflicting terms, whether printed or otherwise set forth in any purchase order or other communication from the Client to the LAB. The invalidity or unenforceability in whole or in part of any provision, term or condition hereof shall not affect in any way the validity or enforceability of the remainder of the Terms and Conditions. No waiver by LAB of any provision, term, or condition hereof or of any breach by or obligation of the Client hereunder shall constitute a waiver of such provision, term, or condition on any other occasion or a waiver of any other breach by or obligation of the Client. This agreement shall be administered and interpreted under the laws of the state which services are procured.

Warranty.

Recognizing that the nature of many samples is unknown and that some may contain potentially hazardous components, LAB warrants only that it will perform testing services, obtain findings, and prepare reports in accordance with generally accepted analytical laboratory principles and practices at the time of performance of services. LAB makes no other warranty, express or implied.

Scope and Compensation.

LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB will use LAB default method for all tests unless specified otherwise on the Work Order.

Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

Prices.

Compensation for services performed will be based on the current Lab Analytical Fee Schedule or on quotations agreed to in writing by the parties. Turnaround time based charges are determined from the time of resolution of all work order questions. Testimony, court appearances or data compilation for legal action will be charged separately. Evaluation and reporting of initial screening runs may incur additional fees.

Limitations of Liability.

In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.

LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.

All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.

Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

Hazard Disclosure.

Client represents and warrants that any sample delivered to LAB will be preceded or accompanied by complete written disclosure of the presence of any hazardous substances known or suspected by Client. Client further warrants that any sample containing any hazardous substance that is to be delivered to LAB will be packaged, labeled, transported, and delivered properly and in accordance with applicable laws.

Sample Handling.

Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.

Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on the final report.

Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.

LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

Legal Responsibility.

LAB is solely responsible for performance of this contract, and no affiliated company, director, officer, employee, or agent shall have any legal responsibility hereunder, whether in contract or tort including negligence.

Assignment.

LAB may assign its performance obligations under this contract to other parties, as it deems necessary. LAB shall disclose to Client any assignee (subcontractor) by ELAP ID # on the submitted final report.

Force Majeure.

LAB shall have no responsibility or liability to the Client for any failure or delay in performance by LAB, which results in whole or in part from any cause or circumstance beyond the reasonable control of LAB. Such causes and circumstances shall include, but not limited to, acts of God, acts or orders of any government authority, strikes or other labor disputes, natural disasters, accidents, wars, civil disturbances, difficulties or delays in transportation, mail or delivery services, inability to obtain sufficient services or supplies from LAB's usual suppliers, or any other cause beyond LAB's reasonable control.


Law.

This contract shall be continued under the laws of the State of New York without regard to its conflicts of laws provision.

This report is part of a multipage document and should only be evaluated in its entirety. The Chain of Custody provides additional sample information, including compliance with the sample condition requirements upon receipt.

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		PROJECT REFERENCE SD185	
CLIENT: Le Entures		REPORT TO:	
ADDRESS: 339 Exit Ave S.E. 200		INVOICE TO:	
CITY: Rockledge		STATE: NY	
PHONE: 585-385-7417		ZIP: 14604	
ATTN: Don Seifert		ATTN:	
Matrix Codes: AQ - Aqueous Liquid NG - Non-Aqueous Liquid		LAB PROJECT ID 224643	
WA - Water WG - Groundwater		Quotation #:	
DW - Drinking Water WW - Wastewater		Email: baird@hensinger.com	
SO - Soil SL - Sludge		SD - Solid PT - Paint	
WP - Wipe CK - Caulk		OL - Oil AR - Air	

[illegible]

Turnaround Time	Report Supplements
Availability contingent upon lab approval; additional fees may apply.	
Standard 5 day	<input checked="" type="checkbox"/> None Required <input type="checkbox"/> Batch QC <input type="checkbox"/> Category A <input type="checkbox"/> Category B <input type="checkbox"/> Other
10 day	<input type="checkbox"/> None Required <input type="checkbox"/> Basic EDD <input type="checkbox"/> NVSDEC EDD <input type="checkbox"/> Other
Rush 3 day	<input type="checkbox"/> None Required <input type="checkbox"/> Basic EDD <input checked="" type="checkbox"/> NVSDEC EDD <input type="checkbox"/> Other
Rush 2 day	<input type="checkbox"/> None Required <input type="checkbox"/> Basic EDD <input type="checkbox"/> NVSDEC EDD <input type="checkbox"/> Other
Rush 1 day	<input type="checkbox"/> None Required <input type="checkbox"/> Basic EDD <input type="checkbox"/> NVSDEC EDD <input type="checkbox"/> Other
Please indicate data needed:	
<input type="checkbox"/> None Required <input type="checkbox"/> Basic EDD <input type="checkbox"/> NVSDEC EDD <input type="checkbox"/> Other	

Sampled By	Date/Time	Total Cost:
<i>[Signature]</i>	09/30/22 13:00	
Relinquished By	Date/Time	
<i>[Signature]</i>	09/30/22 15:34	
Received By	Date/Time	P.I.F.
<i>[Signature]</i>	09/30/22 15:34	
Received @ Lab By	Date/Time	
<i>[Signature]</i>	09/30/22 15:43	

30% iced in field @ 1536 9/30/22

By signing this form, client agrees to Paradigm Terms and Conditions (reverse).

See additional notes for sample conditions.

202



Chain of Custody Supplement

Client: Lu Engineers
 Lab Project ID: 224643

Completed by: ZF
 Date: 9/30/22

Sample Condition Requirements

Per NELAC/ELAP 210/241/242/243/244

Condition	<i>NELAC compliance with the sample condition requirements upon receipt</i>		
	Yes	No	N/A
Container Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Transferred to method-compliant container	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Headspace (<1 mL)	<input checked="" type="checkbox"/> vOA	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Preservation	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Chlorine Absent (<0.10 ppm per test strip)	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Comments			
Holding Time	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			
Temperature	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/> Met
Comments	3°C		
Compliant Sample Quantity/Type	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments			



NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION

Division of Environmental Remediation

625 Broadway, 11th Floor, Albany, NY 12233-7020

P: (518)402-9543 | F: (518)402-9547

www.dec.ny.gov

12/20/2022

Brian Wilkins
BLW Properties of Churchville, LLC
7520 State Rte 415
Bath, NY 14810
bwilkins@wilkinsrv.com

Re: Reminder Notice: Site Management Periodic Review Report and IC/EC Certification Submittal

Site Name: Churchville Ford, Inc.

Site No.: V00658

Site Address: 111 South Main Street
Churchville, NY 14428

Dear Brian Wilkins:

This letter serves as a reminder that sites in active Site Management (SM) require the submittal of a periodic progress report. This report, referred to as the Periodic Review Report (PRR), must document the implementation of, and compliance with, site-specific SM requirements. Section 6.3(b) of DER-10 *Technical Guidance for Site Investigation and Remediation* (available online at <http://www.dec.ny.gov/regulations/67386.html>) provides guidance regarding the information that must be included in the PRR. Further, if the site is comprised of multiple parcels, then you as the Certifying Party must arrange to submit one PRR for all parcels that comprise the site. The PRR must be received by the Department no later than **March 02, 2023**. Guidance on the content of a PRR is enclosed.

Site Management is defined in regulation (6 NYCRR 375-1.2(at)) and in Chapter 6 of DER-10. Depending on when the remedial program for your site was completed, SM may be governed by multiple documents (e.g., Operation, Maintenance, and Monitoring Plan; Soil Management Plan) or one comprehensive Site Management Plan.

A Site Management Plan (SMP) may contain one or all of the following elements, as applicable to the site: a plan to maintain institutional controls and/or engineering controls ("IC/EC Plan"); a plan for monitoring the performance and effectiveness of the selected remedy ("Monitoring Plan"); and/or a plan for the operation and maintenance of the selected remedy ("O&M Plan"). Additionally, the technical requirements for SM are stated in the decision document (e.g., Record of Decision) and, in some cases, the legal agreement directing the remediation of the site (e.g., order on consent, voluntary agreement, etc.).

When you submit the PRR (by the due date above), include the enclosed forms documenting that all SM requirements are being met. The Institutional Controls (ICs) portion of the form (Box 6) must be signed by you or your designated representative. The Engineering Controls (ECs) portion of the form (Box 7) must be signed by a Professional Engineer (PE). If you cannot certify that all SM requirements are being met, you must submit a Corrective Measures Work Plan that identifies the actions to be taken to restore compliance. The work plan must include a schedule to be approved by the Department. The Periodic Review process will not be considered complete until all necessary corrective measures are completed and all required controls are certified. Instructions for completing the certifications are enclosed.



All site-related documents and data, including the PRR, must be submitted in electronic format to the Department of Environmental Conservation. The required format for documents is an Adobe PDF file with optical character recognition and no password protection. Data must be submitted as an electronic data deliverable (EDD) according to the instructions on the following webpage:

<https://www.dec.ny.gov/chemical/62440.html>

Documents may be submitted to the project manager either through electronic mail or by using the Department's file transfer service at the following webpage:

<https://fts.dec.state.ny.us/fts/>

The Department will not approve the PRR unless all documents and data generated in support of the PRR have been submitted using the required formats and protocols.

You may contact Elizabeth Kaptein, the Project Manager, at 585-226-5317 or elizabeth.kaptein@dec.ny.gov with any questions or concerns about the site. Please notify the project manager before conducting inspections or field work. You may also write to the project manager at the following address:

New York State Department of Environmental Conservation
6274 East Avon-Lima Road

Avon, NY 14414

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

ec: w/ enclosures

Elizabeth Kaptein, Project Manager
David Pratt, Hazardous Waste Remediation Supervisor, Region 8

Lu Engineers - Greg Andrus - Gregandrus@luengineers.com

The following parcel owner did not receive an ec:

Blw Properties Of Churchville, Llc. - Parcel Owner

Enclosure 1

Certification Instructions

I. Verification of Site Details (Box 1 and Box 2):

Answer the three questions in the Verification of Site Details Section. The Owner and/or Qualified Environmental Professional (QEP) may include handwritten changes and/or other supporting documentation, as necessary.

II. Certification of Institutional Controls/ Engineering Controls (IC/ECs)(Boxes 3, 4, and 5)

1.1.1. Review the listed IC/ECs, confirming that all existing controls are listed, and that all existing controls are still applicable. If there is a control that is no longer applicable the Owner / Remedial Party should petition the Department separately to request approval to remove the control.

2. In Box 5, complete certifications for all Plan components, as applicable, by checking the corresponding checkbox.

3. If you cannot certify "YES" for each Control listed in Box 3 & Box 4, sign and date the form in Box 5. Attach supporting documentation that explains why the **Certification** cannot be rendered, as well as a plan of proposed corrective measures, and an associated schedule for completing the corrective measures. Note that this **Certification** form must be submitted even if an IC or EC cannot be certified; however, the certification process will not be considered complete until corrective action is completed.

If the Department concurs with the explanation, the proposed corrective measures, and the proposed schedule, a letter authorizing the implementation of those corrective measures will be issued by the Department's Project Manager. Once the corrective measures are complete, a new Periodic Review Report (with IC/EC Certification) must be submitted within 45 days to the Department. If the Department has any questions or concerns regarding the PRR and/or completion of the IC/EC Certification, the Project Manager will contact you.

III. IC/EC Certification by Signature (Box 6 and Box 7):

If you certified "YES" for each Control, please complete and sign the IC/EC Certifications page as follows:

- For the Institutional Controls on the use of the property, the certification statement in Box 6 shall be completed and may be made by the property owner or designated representative.
- For the Engineering Controls, the certification statement in Box 7 must be completed by a Professional Engineer or Qualified Environmental Professional, as noted on the form.



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. **V00658**

Site Name Churchville Ford, Inc.

Site Address: 111 South Main Street Zip Code: 14428
City/Town: Churchville
County: Monroe
Site Acreage: 6.000

Reporting Period: January 31, 2022 to January 31, 2023

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 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

Description of Institutional ControlsParcelOwnerInstitutional Control**143.17-1-50**

BLW Properties of Churchville, LLC.

Ground Water Use Restriction
Landuse Restriction
Site Management Plan

1. Site use is limited to Commercial and industrial uses.
2. Groundwater use is prohibited.
3. Compliance with a Site Management Plan is required.
4. Periodic certifications are required.
5. The Site and associated institutional controls apply to a 6-acre portion of a 16-acre parcel.

Description of Engineering ControlsParcelEngineering Control**143.17-1-50**

Cover System

1. Cover system consisting primarily of asphalt pavement and the building slab.
2. The Site and associated engineering controls apply to a 6-acre portion of a 16-acre parcel.

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 Engineering Control 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 complete.

YES NO

☒ ☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

(a) The 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. V00658

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 Gregory L. Andrus, P.G. at 280 East Broad Street, Suite 170 Rochester, NY 14604,
print name print business address

am certifying as Owner's Representative (Owner or Remedial Party)

for the Site named in the Site Details Section of this form.



2/28/23

Signature of Owner, Remedial Party, or Designated Representative
Rendering Certification

Date

EC CERTIFICATIONS

Box 7

Professional Geologist 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 Gregory L. Andrus, P.G. at 280 East Broad Street, Suite 170 Rochester, NY 14604,
print name print business address

am certifying as a Professional Geologist for the Owner
(Owner or Remedial Party)



2/28/23

Signature of Professional Geologist, for the Owner or
Date Remedial Party, Rendering Certification

Stamp
(Required for PE)

Date

Enclosure 3
Periodic Review Report (PRR) General Guidance

- I. Executive Summary: (1/2-page or less)
 - A. Provide a brief summary of site, nature and extent of contamination, and remedial history.
 - B. Effectiveness of the Remedial Program - Provide overall conclusions regarding;
 - 1. progress made during the reporting period toward meeting the remedial objectives for the site
 - 2. the ultimate ability of the remedial program to achieve the remedial objectives for the site.
 - C. Compliance
 - 1. Identify any areas of non-compliance regarding the major elements of the Site Management Plan (SMP, i.e., the Institutional/Engineering Control (IC/EC) Plan, the Monitoring Plan, and the Operation & Maintenance (O&M) Plan).
 - 2. Propose steps to be taken and a schedule to correct any areas of non-compliance.
 - D. Recommendations
 - 1. recommend whether any changes to the SMP are needed
 - 2. recommend any changes to the frequency for submittal of PRRs (increase, decrease)
 - 3. recommend whether the requirements for discontinuing site management have been met.
- II. Site Overview (one page or less)
 - A. Describe the site location, boundaries (figure), significant features, surrounding area, and the nature and extent of contamination prior to site remediation.
 - B. Describe the chronology of the main features of the remedial program for the site, the components of the selected remedy, cleanup goals, site closure criteria, and any significant changes to the selected remedy that have been made since remedy selection.
- III. Evaluate Remedy Performance, Effectiveness, and Protectiveness
Using tables, graphs, charts and bulleted text to the extent practicable, describe the effectiveness of the remedy in achieving the remedial goals for the site. Base findings, recommendations, and conclusions on objective data. Evaluations and should be presented simply and concisely.
- IV. IC/EC Plan Compliance Report (if applicable)
 - A. IC/EC Requirements and Compliance
 - 1. Describe each control, its objective, and how performance of the control is evaluated.
 - 2. Summarize the status of each goal (whether it is fully in place and its effectiveness).
 - 3. Corrective Measures: describe steps proposed to address any deficiencies in ICECs.
 - 4. Conclusions and recommendations for changes.
 - B. IC/EC Certification
 - 1. The certification must be complete (even if there are IC/EC deficiencies), and certified by the appropriate party as set forth in a Department-approved certification form(s).
- V. Monitoring Plan Compliance Report (if applicable)
 - A. Components of the Monitoring Plan (tabular presentations preferred) - Describe the requirements of the monitoring plan by media (i.e., soil, groundwater, sediment, etc.) and by any remedial technologies being used at the site.
 - B. Summary of Monitoring Completed During Reporting Period - Describe the monitoring tasks actually completed during this PRR reporting period. Tables and/or figures should be used to show all data.
 - C. Comparisons with Remedial Objectives - Compare the results of all monitoring with the remedial objectives for the site. Include trend analyses where possible.
 - D. Monitoring Deficiencies - Describe any ways in which monitoring did not fully comply with the monitoring plan.
 - E. Conclusions and Recommendations for Changes - Provide overall conclusions regarding the monitoring completed and the resulting evaluations regarding remedial effectiveness.
- VI. Operation & Maintenance (O&M) Plan Compliance Report (if applicable)
 - A. Components of O&M Plan - Describe the requirements of the O&M plan including required activities, frequencies, recordkeeping, etc.
 - B. Summary of O&M Completed During Reporting Period - Describe the O&M tasks actually completed during this PRR reporting period.
 - C. Evaluation of Remedial Systems - Based upon the results of the O&M activities completed, evaluated

the ability of each component of the remedy subject to O&M requirements to perform as designed/expected.

- D. O&M Deficiencies - Identify any deficiencies in complying with the O&M plan during this PRR reporting period.
- E. Conclusions and Recommendations for Improvements - Provide an overall conclusion regarding O&M for the site and identify any suggested improvements requiring changes in the O&M Plan.

VII. Overall PRR Conclusions and Recommendations

- A. Compliance with SMP - For each component of the SMP (i.e., IC/EC, monitoring, O&M), summarize;
 - 1. whether all requirements of each plan were met during the reporting period
 - 2. any requirements not met
 - 3. proposed plans and a schedule for coming into full compliance.
- B. Performance and Effectiveness of the Remedy - Based upon your evaluation of the components of the SMP, form conclusions about the performance of each component and the ability of the remedy to achieve the remedial objectives for the site.
- C. Future PRR Submittals
 - 1. Recommend, with supporting justification, whether the frequency of the submittal of PRRs should be changed (either increased or decreased).
 - 2. If the requirements for site closure have been achieved, contact the Departments Project Manager for the site to determine what, if any, additional documentation is needed to support a decision to discontinue site management.

VIII. Additional Guidance

Additional guidance regarding the preparation and submittal of an acceptable PRR can be obtained from the Departments Project Manager for the site.