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Periodic Review Report and Annual Report January through December 2020

Xerox Corporation
Bradley Hill Road
Blauvelt, Rockland County New York
NYSDEC Site Number 3-44-021

Prepared for:
New York State Department of Environmental Conservation, Region 3



Bergmann

Office:

280 East Broad Street, Suite 200
Rochester, NY 14604

Phone: 585.232.5135

www.bergmannpc.com

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1.0 BACKGROUND

The former Xerox Blauvelt Facility (the Site) is located on Bradley Hill Road near the intersection of Route 303 in Blauvelt, Rockland County, New York. The facility was previously used by Xerox as a refurbishing and distribution center. From the mid-1980s through the mid-1990s, Xerox subleased a portion of the building (named the Central Refurbishing Center [CRC] area and the adjacent warehouse comprising of the old building portion) to Materials Research Inc. (MRI). Xerox vacated the building in 2002 and subleased the entire facility to Advanced Distribution Systems (ADS). Since that time, ADS has operated within the building, using the structure as a warehouse and shipping site. In 2008, the Xerox lease for the facility was terminated. Since that time, the facility was directly leased to ADS and ultimately sold to ADS in December 2013.

The Site is located between the west side of Route 303 and an active CSX Corporation (CSX) freight rail line. A small un-named tributary that discharges into the Hackensack River runs along the western perimeter of the Site to the north into a light industrial park. The Site is located in a valley that slopes downward to the north. The immediate area surrounding the facility is a mixture of light industrial and commercial facilities. The former CRC “old building” is a single-story slab-on-grade steel frame structure and encompasses approximately 166,200 square feet. In 1982, the main facility structure was expanded by 97,344 square feet and referred to as the “new building.”

Beginning in 1970, operations at the Site included the refurbishing of electrostatic copiers and copier parts using a variety of chlorinated solvent blends. Two underground storage tanks (USTs) located at the north end of the property stored both virgin and spent solvents used in the refurbishing process. Investigation of the USTs and other areas included former paint booths, a former solvent storage room and the former CRC area which were all removed from the Site in 1979.

Residual groundwater impacts from the Site are moving down-gradient from the former UST locations toward the north and northwest Site boundaries. Residual impacts are also present under the former CRC area of the building. Based on the results of a Remedial Investigation (RI) and Feasibility Study (FS), a Record of Decision (ROD) was issued by the New York State Department of Conservation (NYSDEC), in March 1993 selecting 2-PHASE Extraction for contaminants in soil and groundwater within the source area. Conventional groundwater pumping systems were also employed north of the source area for migration control.

A significant volume of contaminant mass that included over 50,000 pounds (lbs.) of Volatile Organic Compounds (VOCs), was removed from the Site using 2-PHASE Extraction. As a result, VOC concentrations in groundwater and soils were substantially reduced. The system was in operation from June 1993 to October 2002. It was determined that the system reached its asymptotic limit for mass removal. The 2-PHASE Extraction System was shut down with NYSDEC approval in October 2002.

Since 1989, Xerox has operated a groundwater treatment plant (GTP) at the Site for groundwater recovery and a sub-slab depressurization system (SSDS) was installed in 2006. The GTP has remained mostly operational since 1989 and has been optimized over the years in response to Site groundwater conditions. The GTP consists of air stripping and discharges groundwater to the nearby stream. R-3 is the only active GTP recovery well. The SSDS was installed in the vicinity of the former CRC area to mitigate the potential for intrusion of vapor-phase contaminants into the interior spaces.

After over a decade of operation of the Site SSDS, Xerox desired to assess current subsurface soil vapor and indoor air conditions at the previously identified impacted areas of the former facility. To accomplish this a Soil Vapor Intrusion (SVI) and Indoor Air Quality (IA) Sampling Work Plan was prepared and submitted in November 2018 to the New York State Department of Conservation (NYSDEC) and the New York State Department of Health (NYSDOH), which was approved by both agencies on February 11th, 2019. The components of this approved work plan were initially implemented by Bergmann on March 12th, 13th, and 14th, 2019. A report of the initial investigation was prepared with recommendations and results and submitted to NYSDEC and NYSDOH in May 2019. Both agencies



found the 2019 SVI/IA results inconclusive and requested that another round of SVI/IA investigation during 2020 be performed. The second round of testing was performed on November 23rd and 24th, 2020. A summary of that 2020 results are provided in Section 5.0 with a full report included as Appendix C.

Concurrent with the first (2019) SVI/IA sampling event, Xerox submitted and received approval from the NYSDEC and NYSDOH to conduct a groundwater rebound event, allowing for an extended shut down of the site groundwater recovery and treatment system. The GTP at the Site was shut down On January 9, 2019 for one (1) year to assess the impacts of the recovery operations on migration control and to re-saturate the residual source area in hope of increasing mass recovery. Due to the Covid-19 pandemic and travel restrictions, Bergmann was not able to travel to Blauvelt, New York as planned the following year to restart the system. In June 2020, Bergmann was able to safely travel to the site and re-activate the system. When attempting to re-activate, Bergmann found the system was not able to operate consistently and needed significant repairs. System downtime is discussed in Section 4.0. Routine maintenance activities occurred in 2020 along with additional monthly sampling of select wells on-site in 2020.

2.0 GROUNDWATER SAMPLING OVERVIEW AND METHODS

2.1 QUARTERLY WELL MAINTENANCE ACTIVITIES

Monitoring and sampling at the Site are ongoing in accordance with the Site Management Plan (SMP). Ground Water Investigations-Hydrogeology, Inc. (GWI) of Montgomery, New York was retained to perform quarterly groundwater sampling at the Site. In 2020, the existing monitoring wells were accessible for each quarterly sampling event. Groundwater monitoring well locations are shown on Figure 1.

The integrity of the monitoring wells at the Site do not appear to be compromised, and the majority of the wells in the sampling network appear to be in good condition, based on quarterly field data sampling sheets provided by GWI. Groundwater monitoring well conditions and field notes are summarized in the table below.

Well Number	Location	Condition 1 st Quarter	Condition 2 nd Quarter	Condition 3 rd Quarter	Condition 4 th Quarter
W-2	On-Site	OK	OK	OK	OK
U-6D	On-Site	Good	Good	Good	Good
MW-12	On-Site	Good	Good	Good	Good
MW-13	On-Site	Good	Good	Good	Good
PW-2	On-Site	Good	Good	Good	Good
OW-1	On-Site	Good	Good	Good	Good
OW-2	On-Site	Good	Good	Good	Good
RI-6	On-Site	Poor ¹	Poor ¹	Poor ¹	Poor ¹
OS-2R	Off-Site	Good	Good	Good	Good
OS-5R	Off-Site	Good	Good	Good	Good
OS-5D	Off-Site	Good	Good	Good	Good
OS-6	Off-Site	Good	Good	Good	Good
OS-6R	Off-Site	Good	Good	Good	Good
OS-7R	Off-Site	Good	Good	Good	Good
OS-7D	Off-Site	Good	Good	Good	Good



Well Number	Location	Condition 1 st Quarter	Condition 2 nd Quarter	Condition 3 rd Quarter	Condition 4 th Quarter
OS-9	Off-Site	Poor ²	Poor ²	Poor ²	Poor ²
OS-9R	Off-Site	Good	Good	Good	Good
OS-11R	Off-Site	Good	Good	Good	Good
OS-11D	Off-Site	Good	Good	Good	Good
OS-12R	Off-Site	Good	Good	Good	Good
OS-15R	Off-Site	Good	Good	Good	Good
OS-15D	Off-Site	Good	Good	Good	Good

Notes:

1 – RI-6 is still accessible and functional for regular groundwater sampling events.

2 – OS-9 has a kink in the well casing at 5.5'. However, well is locked and still accessible for groundwater sampling events.

Field data sampling sheets are included with each quarterly analytical laboratory report in Appendix B – Laboratory Analysis of Groundwater Samples.

The below-listed wells are not included in the Site Management Plan (SMP), prepared by Bergmann, dated November 2006, and approved by NYSDEC December 2006. The wells are not part of the monitoring program as indicated in Table 1 of the SMP – Current Groundwater Sampling & Analysis Plan (SAP). Xerox has asked NYSDEC to provide a letter to the property owners requesting for Xerox to gain access to perform the well closures.

- OS-13R, OS-14 and OS-14R? located on the Gussack Property – attempted to abandon in 2007 unable to coordinate an access agreement to abandon wells.
- OS-17 and OS-19R on Restaurant Depot building and parking lot location; and
- OS-18 located farthest to the North near the Arch Production & Design NYC.

2.2 QUARTERLY GROUNDWATER FIELD MONITORING AND SAMPLING ACTIVITIES

Groundwater measurements and sampling activities were conducted in accordance with the current SAP that is an Appendix of the SMP. The depths to groundwater for monitoring wells are measured and recorded on a regular basis to track site-wide changes in the water table elevation.

Samples are collected from the monitoring wells after each well is gauged and purged an approximated three (3) well volumes of well water using a Teflon[®] bailer. Aquifer parameters including pH, temperature, conductivity, reduction/oxidation potential and turbidity are monitored to ensure stabilization of parameters prior to sample collection. One (1) duplicate sample and one (1) trip blank sample are collected and submitted for laboratory analysis as part of QA/QC requirements. Groundwater samples are delivered via chain-of-custody protocol to ALS Environmental (ALS), a New York State Department of Health (NYSDOH) Environmental Laboratory Accreditation Program (ELAP) certified laboratory for testing using United States Environmental Protection Agency (US EPA) Method 8021B for Aromatic and Halogenated VOCs.

2.3 MONTHLY GROUNDWATER FIELD MONITORING AND SAMPLING ACTIVITIES

Quarterly and monthly groundwater measurements and sampling activities were conducted in accordance with the current NYSDEC-approved Site Rebound Work Plan. Selected monitoring wells were monitored monthly for the first nine (9) month of the shutdown period and then once for the last quarter. The depths to groundwater and field



groundwater quality measurements for the monitoring wells were measured and recorded. Field data sampling sheets are included with each quarterly analytical laboratory report in Appendix B – Laboratory Analysis of Groundwater Samples.

Select wells sampled throughout the shutdown period are listed below.

Well Number	Location
MW-12	On-Site
MW-13	On-Site
PW-2	On-Site
OS-2R	Off-Site
OS-5R	Off-Site
OS-5D	Off-Site
OS-6	Off-Site
OS-6R	Off-Site
OS-11R	Off-Site
OS-11D	Off-Site

3.0 SITE GROUNDWATER FLOW CHARACTERIZATION

Groundwater contours were calculated for 2020 using water table elevations calculated from depth to water measurements and well casing elevations from 22 site-related monitoring wells, as described below. Quarterly depths to groundwater were measured on March 9-10, 2020, June 22-23, 2020, September 2-3, 2020, and December 10-11, 2020 and are presented in Table 1 along with well construction information, elevations and field measurements. A summary of quarterly groundwater static water levels from previous sampling events is presented in Table 2.

The groundwater contours generally indicate an overburden groundwater flow direction in a northeast direction. The bedrock groundwater contours generally indicated in a northern direction for 2020. These flow patterns are consistent with previous years. Overall, the flow direction in 2020 has stayed consistent with the flow direction from when the pumping system is operational. The water elevation around R-3 is lower when then pumping system is in operation and VOCs are observed in northern wells during the system shutdown. The following is a summary of groundwater flow characterization for each sampling event in 2020.

3.1 FIRST QUARTER 2020

Depth to groundwater was measured from 22 site-related monitoring wells on March 9-10, 2020. The March depths to groundwater in overburden groundwater monitoring wells ranged from 3.76 ft. below ground surface (bgs) at OS-9 to 12.10 ft. bgs at MW-13. The average depth to groundwater at the seven (7) overburden monitoring wells measured was 8.89 ft. bgs. Compared to the Fourth Quarter 2019 sampling event, the March site-wide average water table in the overburden increased by approximately 0.23 ft. This increase in the water table is inferred as seasonal. The March depths to groundwater in bedrock groundwater monitoring wells ranged from 6.15 ft. bgs at U-6D to 37.88 ft. bgs at OS-9R. The average depth to groundwater at the fifteen (15) bedrock monitoring wells measured was



14.84 ft. bgs. Compared to the Fourth Quarter 2019 sampling event the March site-wide average water table decreased by approximately 0.21 ft. This decreased in the water table is inferred as seasonal. First Quarter groundwater elevations are presented on the First Quarter Figure 3A – March 9-10, 2020 Elevation Posting Map (Overburden) and Figure 4A – March 9-10, 2020 Elevation Posting Map (Bedrock).

The overburden groundwater contour configuration for March indicated a general northeast groundwater flow direction with localized eastern components of flow direction within the vicinity of recovery well R-3, see Figure 3B- March 9-10, 2020 Water Table Map (overburden). The bedrock groundwater contour configuration generally indicated a northern flow direction with a localized northeast and northwest flow in the vicinity of R-3 in the down-gradient direction. Localized northwest and southwest flow are apparent in the vicinity of OS-9R, see Figure 4B- March 9-10, 2020 Water Table Map (Bedrock). Overall, these flow patterns are consistent with previous years when the recovery well R-3 was in operation.

3.2 SECOND QUARTER 2020

Depth to groundwater was measured from 22 site-related monitoring wells on June 22-23, 2020. The Second Quarter depths to groundwater in overburden groundwater monitoring wells range from 5.45 ft. bgs at OS-9 to 14.16 ft. bgs at MW-13. The average depth to groundwater at the seven (7) overburden monitoring wells measured was 10.57 ft. bgs. Compared to the First Quarter 2020 sampling event, the Second Quarter site-wide average water table in the overburden decreased by approximately 1.68 ft. This decreased in the water table is inferred as seasonal. The Second Quarter depths to groundwater in bedrock groundwater monitoring wells range from 6.15 ft. bgs at U-6D to 37.40 ft. bgs at OS-9R. The average depth to groundwater at the fifteen (15) bedrock monitoring wells measured was 16.57 ft. bgs. Compared to the First Quarter 2020 sampling event, the Second Quarter site-wide average water table decreased by approximately 1.73 ft. This decrease in the water table is inferred as seasonal. Second Quarter groundwater depths are presented on Figure 3A – June 22-23, 2020 Elevation Posting Map (Overburden) and Figure 4A – June 22-23, 2020 Elevation Posting Map (Bedrock).

The overburden groundwater contour configuration for June is generally towards the northeast. Localized eastern and western components of flow direction are indicated within the vicinity of recovery well R-3 and W-2, see Figure 3B - June 22-23, 2020 Water Table Map (overburden). The bedrock groundwater contour configuration generally indicated flow towards the north with a localized northeast and northwest flow in the vicinity of R-3 in the down-gradient direction. Localized northwest and southwest flow are apparent in the vicinity of OS-9R, see Figure 4B-June 11-12, 2019 Water Table Map (Bedrock). Figure-4B represents the Water Table map for the Bedrock wells that were measured on June 22-23, 2020.

3.3 THIRD QUARTER 2020

Depth to groundwater was measured from 22 site-related monitoring wells on September 2-3, 2020. The September depths to groundwater in overburden groundwater monitoring wells range from 5.56 ft. bgs at OS-9 to 15.11 ft. bgs at MW-13. The average depth to groundwater at the seven (7) overburden monitoring wells measured was 11.36 ft. bgs. Compared to the Second Quarter 2020 sampling event, the September site-wide average water table in the overburden decreases by approximately 0.79 ft. This decrease in the water table is inferred as seasonal. The September depths to groundwater in bedrock groundwater monitoring wells range from 8.47 ft. bgs at U-6D to 37.78 ft. bgs at OS-9R. The average depth to groundwater at the fifteen (15) bedrock monitoring wells measured was 17.11 ft. bgs. Compared to the Second Quarter 2020 sampling event the September site-wide average water table decreases by approximately 0.53 ft. This decreases in the water table is inferred as seasonal. Third Quarter groundwater depths are presented on Figure 3A – September 2-3, 2020 Elevation Posting Map (Overburden) and Figure 4B – September 2-3, 2020 Elevation Posting Map (Bedrock).



The overburden groundwater contour configuration for September contour configuration indicates a northeast groundwater flow direction, see Figure 3B-September 2-3, 2020 Water Table Map (overburden). The bedrock groundwater contour configuration generally indicated flow towards the north with a localized northeast and northwest flow in the vicinity of R-3 in the down-gradient direction. Localized northwest and southwest flow are indicated in the vicinity of OS-9R, see Figure 4B-September 2-3, 2020 Water Table Map (Bedrock).

3.4 FOURTH QUARTER 2020

Depth to groundwater was measured from 22 site-related monitoring wells on December 10-11, 2020. The December depths to groundwater in overburden groundwater monitoring wells range from 5.02 ft. bgs at OS-9 to 14.86 ft. bgs at MW-13. The average depth to groundwater at the seven (7) overburden monitoring wells measured was 10.56 ft. bgs. Compared to the Third Quarter 2020 sampling event the December site-wide average water table in the overburden increased by approximately 0.80 ft. This increase in the water table is inferred as seasonal. The December depths to groundwater in bedrock groundwater monitoring wells range from 7.30 ft. bgs at U-6D to 36.62 ft. bgs at OS-9R. The average depth to groundwater at the fourteen (15) bedrock monitoring wells measured was 16.12 ft. bgs. Compared to the Third Quarter 2020 sampling event the December site-wide average water table increased by approximately 0.98 ft. This increased in the water table is inferred as seasonal. Fourth Quarter groundwater depths are presented on Figure 3A – December 10-11, 2020 Elevation Posting Map (Overburden) and Figure 4A – December 10-11, 2020 Elevation Posting Map (Bedrock).

The overburden groundwater contour configuration for December indicates a northeast groundwater flow direction, see Figure 3B – December 10-11, 2020 Water Table Map (overburden). The bedrock groundwater contour configuration generally indicated flow towards the northwest with a localized northeast and northwest flow in the vicinity of R-3 in the down-gradient direction. Localized northwest and southwest flow are apparent in the vicinity of OS-9R, see Figure 4B- December 10-11, 2020 Water Table Map (Bedrock).

4.0 GROUNDWATER TREATMENT SYSTEM REBOUND ASSESSMENT

4.1 LABORATORY ANALYSIS OF GROUNDWATER SAMPLES – 2020

During the 2019 reporting period, with NYSDEC and NYSDOH approval, the GTP at the Site was shut down for an approved one (1) year rebound event to assess the impacts of the recovery operations on migration control and to re-saturate the residual source area in hope of increasing mass recovery. The purpose of this proposed Site rebound plan was to assess the remaining impacts to on-Site and off-Site groundwater conditions and evaluate the potential for termination of groundwater recovery operations at the Site. Due to the Covid-19 pandemic and travel restrictions, the system was shut down January 2019 to June 2020. Due to the length of time the system was turned off, when attempting to re-activate, Bergmann found the system was not able to operate consistently and needed significant repairs. Frequent groundwater data was collected during the shutdown event to evaluate the concentrations of site contaminants in the groundwater. Selected monitoring wells were monitored monthly for the first nine (9) months in 2020 while the system was down followed by monitored quarterly for the remaining of the year. As noted earlier, the GTP experienced numerous issues since its post-rebound start up in June 2020. The following table summarizes the operational status and issues of the GTP.



System Down – Start Date	System Down – End Date	Reason
01/10/2019	6/22/2020	Planned shutdown for one (1) year rebound event. Due to the Covid-19 Pandemic and travel restrictions, there was a delay on the ability to restart the system.
6/22/2020	9/24/2020	Bergmann onsite to turn on system. System failed. Needed to order and replace one (1) sump pump, two (2) filter bag housing units, one (1) effluent pump, two (2) level sensors.
10/16/2020	10/29/2020	System shutdown – “Well pump fault” alarm. System operating after restarting VFD unit.
10/30/2020	11/2/2020	System shutdown – “Well pump fault” alarm. System operating after restarting VFD unit.
11/10/2020	1/19/2021	Bergmann disabled the system remotely after observation of tower overflowing. Overflowing water was pumped into holding tank. Bergmann onsite to evaluate issue and found the QED panel need three (3) fuses and one (1) started for the Pressure Blower replaced.

4.2 MONITORING WELL GROUDWATER ANALYSIS SUMMARY

Analytical results for monitoring wells during each sampling event in 2020 are summarized as follows.

4.2.1 January 2020

Monthly groundwater sampling was performed on January 15, 2020 for 10 of the selected monitoring wells at the Site: three (3) on-site wells and seven (7) off-site wells in accordance with the current Rebound Work Plan. VOC concentrations totaled 15,466 ppb for January 2020 that represents an increase from the December 2019 sampling event total of 6,762 ppb. The highest concentration observed was 12,350 ppb at on-site monitoring well MW-12. January 2020 analytical data is presented on Table 4 –Summary of Quarterly and Monthly Groundwater Analytical Data.

4.2.2 February 2020

Monthly groundwater sampling was performed on February 1, 2020 for 10 of the selected monitoring wells at the Site: Three (3) on-site wells and seven (7) off-site wells in accordance with the current Rebound Work Plan. VOC concentrations totaled 14,842 ppb for February 2020 that represents a decrease from the January 2020 sampling event total of 15,466 ppb. The highest concentration observed was 11,000 ppb at on-site monitoring well MW-12. February 2020 analytical data is presented on Table 4 –Summary of Quarterly and Monthly Groundwater Analytical Data.

4.2.3 March 2020 & First Quarter 2020

Routine groundwater sampling was performed on March 9-10, 2020 for all 22 monitoring wells at the Site: Seven (7) on-site wells and fifteen (15) off-site wells in accordance with the current SAP. VOC concentrations totaled 23,650 ppb for the Second Quarter 2020 that represents an increase from the Fourth Quarter 2019 sampling event total of



7,172 ppb. The highest concentration observed was 19,720 ppb at on-site monitoring well MW-12. First Quarter analytical data is presented on the Figure 5 – March 9-10, 2020 Distribution of Groundwater Analytical Results in Monitoring Wells (Overburden) and Figure 6 – March 9-10, 2020 Distribution of Groundwater Analytical Results in Monitoring Wells (Bedrock).

4.2.4 April 2020

Monthly groundwater sampling was performed on April 6, 2020 for 10 of the selected monitoring wells at the Site: Three (3) on-site wells and seven (7) off-site wells in accordance with the current Rebound Work Plan. VOC concentrations totaled 13,104 ppb for April 2020 that represents a decrease from the same selected well in March 2020 sampling event total of 23,478 ppb. The highest concentration observed was 9,800 ppb at on-site monitoring well MW-12. April 2020 analytical data is presented on Table 4 –Summary of Quarterly and Monthly Groundwater Analytical Data.

4.2.5 May 2020

Monthly groundwater sampling was performed on May 8, 2020 for 10 of the selected monitoring wells at the Site: Three (3) on-site wells and seven (7) off-site wells in accordance with the current Rebound Work Plan. VOC concentrations totaled 6,670 ppb for May 2020 that represents a decrease from the April 2020 sampling event total of 13,104 ppb. The highest concentration observed was 3,400 ppb at on-site monitoring well MW-12. April 2020 analytical data is presented on Table 4 –Summary of Quarterly and Monthly Groundwater Analytical Data.

4.2.6 June 2020 & Second Quarter 2020

Routine groundwater sampling was performed on June 22-23, 2020 for all 22 monitoring wells at the Site: Seven (7) on-site wells and fifteen (15) off-site wells in accordance with the current SAP. VOC concentrations totaled 16,406 ppb for the Second Quarter 2019 that represents a decrease from the First Quarter 2020 sampling event total of 23,641 ppb. The highest concentration observed was 11,350 ppb at on-site monitoring well MW-12. Second Quarter analytical data is presented on the Figure 5 – June 22-23, 2020 Distribution of Groundwater Analytical Results in Monitoring Wells (Overburden) and Figure 6 – June 22-23, 2020 Distribution of Groundwater Analytical Results in Monitoring Wells (Bedrock).

4.2.7 July 2020

Monthly groundwater sampling was performed on July 9, 2020 for 10 of the selected monitoring wells at the Site: Three (3) on-site wells and seven (7) off-site wells in accordance with the current Rebound Work Plan. VOC concentrations totaled 23,027 ppb for July 2020 that represents an increase from the same selected well in June 2020 sampling event total of 16,246 ppb. The highest concentration observed was 18,700 ppb at on-site monitoring well MW-12. July 2020 analytical data is presented on Table 4 –Summary of Quarterly and Monthly Groundwater Analytical Data.

4.2.8 August 2020

Monthly groundwater sampling was performed on August 8, 2020 for 10 of the selected monitoring wells at the Site: Three (3) on-site wells and seven (7) off-site wells in accordance with the current Rebound Work Plan. VOC concentrations totaled 17,135 ppb for August 2020 that represents a decrease from the July 2019 sampling event total of 23,027 ppb. The highest concentration observed was 12,500 ppb at on-site monitoring well MW-12. August 2020 analytical data is presented on Table 4 –Summary of Quarterly and Monthly Groundwater Analytical Data.

4.2.9 September 2020 & Third Quarter 2020

Routine groundwater sampling was performed on September 2-3, 2020 all the 22 monitoring wells at the Site: Seven (7) on-site wells and fifteen (15) off-site wells in accordance with the current SAP. VOC concentrations totaled 19,431



ppb for the Third Quarter 2020 that represents an increase from the Second Quarter 2020 sampling event total of 16,406 ppb. The highest concentration observed was 16,000 ppb at on-site monitoring well MW-12. Third Quarter analytical data is presented on the Figure 5 - September 2-3, 2020 Distribution of Groundwater Analytical Results in Monitoring Wells (Overburden) and Figure 6 - September 2-3, 2020 Distribution of Groundwater Analytical Results in Monitoring Wells (Bedrock).

4.2.10 Fourth Quarter 2020

Routine groundwater sampling was performed on December 10-11, 2020 for all the 22 monitoring wells at the Site: Seven (7) on-site wells and fifteen (15) off-site wells in accordance with the current SAP. VOC concentrations total 4,958 ppb that represents a decrease from the Third Quarter 2020 sampling event total of 19,431 ppb. The highest concentration observed was 3,800 ppb at on-site monitoring well MW-12. Fourth Quarter analytical data is presented on the Figure 5 - December 10-11, 2020 Distribution of Groundwater Analytical Results in Monitoring Wells (Overburden) and Figure 6 - December 10-11, 2020 Distribution of Groundwater Analytical Results in Monitoring Wells (Bedrock).

Laboratory analytical reports for the groundwater monitoring events conducted during each sampling event are provided in Appendix B.

4.3 SUB-SLAB DEPRESSURIZATION SYSTEM OVERVIEW AND METHODS

The operation and monitoring of the SSDS continued during the 2020 reporting period. Vacuum monitoring locations are shown on Figure 2. Sub-slab vacuum measurements were collected using a handheld digital manometer.

Vacuum levels at the SSDS blowers at four (4) permanent manometer locations continue to be monitored on a monthly basis to ensure proper operation of the blowers. Due to the Covid-19 pandemic and travel restrictions, Bergmann was unable to monitor the operation of the blowers from March 2020 until June 2020. Sub-slab vacuum monitoring across the target area is conducted on a semi-annual basis each year. Sub-slab vacuum monitoring was conducted in January 2020 and November 2020. During both sub-slab monitoring event, accessible vacuum monitoring point showed vacuum levels at or above -0.002 inches of water. Vacuum monitoring point T-02, T-03, T-04, T-05, T-06, T-11, T-14, T-15, T-16, and T-17 were inaccessible during the January 2020 and November 2020 events due to large quantities of boxed products, pallets, or warehouse equipment being stored on them. Blowers were inspected throughout the year. Fan 1 has consistently read low since 2012, and a new fan was installed in August 2015. Low readings on Fan 1 continue to occur after new fan installation.

During 2020, repairs to Fan 1, Fan 2 and Fan 3 were made. Fan 1 and Fan 3 were not operational from end of April 2020 until their replacement on November 24, 2020. The four (4) fans were shut down in February 2020 for a planned SVI/ IA investigation. Due to the Covid-19 Pandemic, Bergmann was unable to travel to Blauvelt, New York to conduct the anticipated March 2020 SVI/ IA investigation or travel to turn the fans back on. In Bergmann's absence, Bergmann had instructed the building's site contact to turn on the fan on April 29th, 2020. Bergmann was able to safely travel to the Blauvelt site in mid-June when it was noted the three fans were no longer operating after reading 0.0 on the Magnehelic gauges. Fan 2 is planned to be replaced in early Spring 2021. Table 5 shows the readings for the Sub-Slab Vacuum and the Monthly Fan Readings.



5.0 2020 SOIL VAPOR INTRUSION AND INDOOR AIR ASSESSMENT

The purpose of the 2020 SVI and IA sampling event was to re-assess the current sub-slab vapor quality beneath the building as well as collect indoor air quality data within the building. This allows for the evaluation of current sub slab and indoor abatement requirements relative to Xerox's past operations. Results from the previously conducted 2019 SVI and IA sampling event was not conclusive and at the request of NYSDEC and NYSDOH, a second round of SVI and IA event was requested and implemented on November 24, 2020.

Activities leading up to the 2020 SVI and IA sampling event included deactivation of the operating SSDS for a one-month period during the heating season to allow sub slab conditions to equilibrate and represent a non-mitigation scenario prior to the conducting IA and SVI evaluation. The IA testing included collection of TO-15 indoor air samples inside the site building and the SVI testing included collection of sub-slab vapor samples from beneath the building slab to assess if Site contaminants are present at levels that would require continued operation of the SSDS or if the potential air quality concerns might be able to be addressed by an annual monitoring program. One (1) ambient air sample was also collected during the sampling event on November 24, 2020 for background comparison.

5.1 SVI & IA METHODS

Bergmann installed eleven (11) sub-slab vacuum monitoring points at sample locations consistent with the historic sampling conducted in 2005/2006 and 2019 with one (1) additional sub-slab points and one (1) additional indoor air location at the request of the NYSDOH to assess sub-slab conditions. At all locations, the sampling points required re-drilling and re-installation due to plugged sample ports in historic locations or inaccessible points. One (1) field duplicate sample was collected for sub-slab vapor quality assurance/quality control (QA/QC).

Sub-slab vapor samples were collected using the following procedure:

- Each cleaned SUMMA® canister had a certification check performed by the laboratory with the flow controller in place.
- Prior to sampling, the concrete floor was observed for cracks and penetrations to the extent possible. Significant cracks were not observed in the floor that was exposed in the study area, although most of the floor area was covered with pallets, shipment boxes, and storage shelving, see Appendix C – Photographs. Sumps and floor drains were not observed in the study area.
- A helium test was performed at each sample point to ensure that dilution by influent air leaking through connections was not present. Therefore, the helium leak checks demonstrated that the integrity of the aboveground assembly connections and vapor probe surface areas prior to sample collection were not compromised. A laboratory supplied stainless steel shroud was placed over the sample points and connections, see Appendix C - Photographs. Helium was injected into the shroud and measured for helium loss with a helium gas detection meter.
- Samples were collected using 1-liter stainless steel SUMMA® canisters equipped with low-flow regulators calibrated for an eight (8) hour sample duration. Canisters were provided and pre-cleaned by Centek Laboratories, LLC prior to sampling.
- A temporary probe consisting of ¼-inch polyethylene tubing was inserted approximately one-inch below the floor slab into ½-inch penetrations at re-installed sample points or attached to the port of the existing sub-slab sample points.
- The floor surface penetration around the sample point port was sealed with inert clay.
- One (1) to three (3) tubing volumes was purged using a purge pump prior to the beginning of sampling. The sample tubing from the sample point was attached to the regulator and the regulator was attached



to the SUMMA® canister to start the sample collection. The vacuum reading was recorded at the start of the sampling event with the serial number on each regulator and summa canister (Appendix B – SUMMA® Canister Field Data Sheets).

- Photographs of each sample location, set-up and surrounding were taken, see Appendix C – Photographs of this report.
- The sample tubing was removed and caps replaced on existing sample points. Tubing was removed from re-installed sample points and these locations were sealed with inert clay in the event that future resampling may occur.
- A slight vacuum was left in each canister at the end of the sampling period. The final vacuum was recorded on the COC and sample log sheet. Upon receipt, the laboratory checked the vacuum in order to document that the canisters did not leak during transport.

Seven (7) indoor air and one (1) ambient air samples were collected over a course of eight (8) hours concurrently with sub-slab vapor samples. Indoor air sample locations were focused on regularly occupied areas of the building such as general warehouse storage areas, offices, cafeteria, and break room spaces. Additional indoor air sample canisters were located near existing sub-slab testing points in areas previously targeted for soil vapor mitigation attributable to previous Xerox operations.

One (1) ambient air sample was collected for site-specific background ambient air quality conditions at the building parking lot adjacent to Bradley Hill Road. One (1) field duplicate sample was collected for indoor air quality QA/QC during the sampling event. Each IAQ sample was collected in a certified clean SUMMA® canister and collection of each sample, the following general procedures was be followed:

- Each cleaned SUMMA® canister had a certification check performed by the laboratory with the flow controller in place.
- To ensure the integrity of each sampling canister (SUMMA® canister), a vacuum check was performed on the system prior to purging and collecting the sample. The vacuum reading was recorded on the laboratory Chain of Custody (COC) and SUMMA® Canister Field Data Sheet. All canisters had greater than 25 inches of Hg indicated on the vacuum gauge prior to sample collection.
- Each sample was collected over an eight (8) hour period, which ensures a flow rate of less than 0.2 liters per minute. The sampling rate of the canisters was controlled by the use of a calibrated orifice within the flow controller. The calibrated orifice of each flow controller was pre-set by the laboratory.
- A slight vacuum was left in each canister at the end of the sampling period. The final vacuum was recorded on the COC and sample log sheet. Upon receipt, the laboratory checked the vacuum in order to document that the canisters did not leak during transport.

The SVI and IA sampling was performed on November 24, 2020 during the heating season defined as November 15 to March 31 in the NYSDOH Guidance for Evaluating Soil Vapor Intrusion in the State of New York. The weather on the test date was sunny with an approximate temperature of 45 degrees Fahrenheit (F) and wind at approximately ten (10) miles per hour (mph) from the west. The relative humidity was approximately at 40% and the dew point was 25 degrees F.

Since, Xerox no longer owns or occupies the warehouse facility, the ADS building occupants were requested that windows and doors (to the extent practicable) be kept closed and that no smoking or solvent use occurs within the facility at least 48 hours prior to the sampling event. ADS's typical daily operations in the warehouse area involve the opening and closing of loading dock bay doors and regular use of electric-powered forklift trucks. Additionally, the product inventory within this warehouse primarily consists of perfumes, fragrant soaps, colognes, and other cosmetics containing several different types of volatile organic compounds as main ingredients. It is noted that



broken merchandise has been observed throughout the facility and odors associated with the merchandise permeates the space regularly. For these reasons the scope of the indoor air assessment focused only on PCE, TCE, TCA, and related compounds that may be attributable to past Xerox operations.

In conjunction with the vapor intrusion sampling event in 2020, the current owner/occupant of the building was interviewed using the "New York State Department of Health Indoor Air Quality Questionnaire and Building Inventory" form to assist in establishing background information, chemical use inventory, and any pertinent information relevant to the structure and occupants. This individual stated that the chemicals in the products are proprietary and only offered that cosmetic, perfumes, toiletries and shampoos are stored as products in the warehouse. Therefore, a complete chemical inventory sheet is not available for this sampling event.

The indoor air samples were placed within the warehouse building three (3) to four (4) feet above floor level. The ambient air (background) sample was also collected three (3) to four (4) feet above ground level. Following the sampling event, the SUMMA® canisters were submitted to Centek Laboratories, LLC (ELAP-certified laboratory) for analysis of VOCs via by EPA Method TO-15 constituents (0.2 µg/m³ detection limit for ambient /indoor air and 1.0 µg/m³ detection limit sub-slab samples) for with Category B deliverables.

5.2 INVESTIGATION RESULTS

Full analysis of the results of the soil vapor and indoor air sampling and analyses performed in late 2020 will be provided in a summary report which will be submitted under separate cover to NYSDEC and NYSDOH in mid-April 2021.

6.0 REMEDIATION SYSTEM EFFICIENCY

6.1 EXTENT OF IMPACTED GROUNDWATER – 2020

The area of highest impacted groundwater is consistent with prior sampling events. The bulk of the contaminant mass appears to be concentrated north of the former Xerox building in the vicinity of the former tank storage area near monitoring wells MW-12, MW-13, and PW-2.

Prior to the rebound event, the groundwater recovery system appeared to maintain an area of hydraulic control for the area of impacted groundwater on-site. The recovery system appeared to be successful in hydraulically controlling most of the contaminant plume on the property and minimizing further migration. However, as shown in Figures 7 and 8 for all four (4) quarters, while VOC concentration levels increased during the rebound event, the contaminant plume appears to migrate northwest within the overburden wells as compared to the 2018 plume location. The 2018 contamination plume illustrate the contamination plume before the rebound event while the 2020 plume illustrates the contamination plume during the rebound event, Figures 7 and 8.

6.1.1 First Quarter 2020 Rebound Event Compared to First Quarter 2018

Groundwater sampling was performed on March 9-10, 2020 for all 22 monitoring wells and March 8-9, 2018 for 21 monitoring wells at the Site. First Quarter analytical data is presented in Table 4 – Summary of Quarterly and Monthly Groundwater Analytical Data and on Figures 7 and 8 – Comparison Map Showing Shallow Groundwater Plumes in March 2018, March 2019, and March 2020 (Overburden and Bedrock). The contamination within the overburden wells from the First Quarter in 2020 illustrates the highest concentration of VOCs around well MW-12. In 2018, MW-12 was a dry well, resulting in no analytical data but illustrating the highest concentration of VOCs was well PW-2. Overall, higher levels of VOCs were indicated in 2020 compared to 2018. VOCs are observed in well



location OS-6 and OS-9 in First Quarter 2020. In First Quarter 2018 VOCs are not observed in well location OS-6 and OS-9.

In 2018, the approximate distribution of concentration within the bedrock wells indicates the highest concentration around well OS-6R, however, in 2020, the approximate distribution of concentration indicates the highest concentration was around well OW-2.

6.1.2 Second Quarter 2020 Rebound Event Compared to Second Quarter 2018

Groundwater sampling was performed on June 10-11, 2020 for 22 monitoring wells at the Site and June 28-29 & July 10, 2018 for 21 of the 22 monitoring wells at the Site. Second Quarter analytical data is presented in Table 4 – Summary of Quarterly and Monthly Groundwater Analytical Data and Figures 7 and 8 – Comparison Map Showing Groundwater Plumes in July 2018, June 2019, and June 2020 (Overburden and Bedrock).

In 2018 and 2020, the approximate distribution of concentration within the overburden wells indicates the highest concentration around well MW-12. Compared to First Quarter 2018 with no detection, the Second Quarter 2020 showed detection of VOCs within well OS-6.

In 2018, the approximate distribution of concentration within the bedrock wells indicates the highest concentration around well OS-6R, however, in 2020, the approximate distribution of concentration was within well OW-2.

6.1.3 Third Quarter 2020 Rebound Event Compared to Third Quarter 2018

Groundwater sampling was performed on September 2-3, 2020 for all the 22 monitoring wells at the Site and September 27 -28, 2018 for 20 of the 22 at the Site. The Third Quarter Overburden analytical data is presented in Table 4 – Summary of Quarterly and Monthly Groundwater Analytical Data and Figures 7 and 8 – Comparison Map Showing Shallow Groundwater Plumes in September 2018, September 2019, and September 2020 (Overburden and Bedrock).

In 2018, the approximate distribution of concentration within the overburden wells indicates the highest concentration around well PW-2. In 2018, MW-12 was a dry well, resulting in no analytical data. In 2020, the approximate distribution of concentration within the overburden wells indicates the highest concentration around well MW-12. Overburden wells OS-6 and OS-9 are continuing to indicate low albeit increasing levels of VOCs.

In 2018, the approximate distribution of concentration within the bedrock wells indicates the highest concentration around well OS-6R. In 2020, the approximate distribution of concentration indicates the highest concentration was around well OS-2R.

6.1.4 Four Quarter 2020 Rebound Event Compared to Fourth Quarter 2018

Groundwater sampling was performed on December 4-5, 2020 for all the 22 monitoring wells at the Site and December 13 -14, 2018 for 20 of the 22 at the Site. The Fourth Quarter Overburden analytical data is presented in Table 4 – Summary of Quarterly and Monthly Groundwater Analytical Data and Figure 7 – Comparison Map Showing Shallow Groundwater Plumes in December 2018, December 2019, and December 2020 (Overburden).

In both 2018 and 2020 the approximate distribution of concentration within the overburden wells indicates the highest concentration around well MW-12. The approximate 2020 plume concentration has increased to the north



compared to 2018 however, the most northwestern well, OS-9, indicated a non-detection of VOCs in fourth quarter 2020.

In 2018, the approximate distribution of concentration within the bedrock wells indicates the highest concentration around well OS-6R. In 2020, the approximate distribution of concentration indicates the highest concentration was around well OW-2. Levels of VOC concentrations were detected in wells to the north-west of OW-2 in 2020.

Overall, during the 2019-2020 rebound event, concentrations of VOCs have increased, notably in on-site Overburden wells MW-12 and PW-2. VOC concentrations above detection levels were noted again in several down gradient wells but within the same order of magnitude as last recorded in 2013. Detection of elevated VOCs in the overburden groundwater plume appears to be consistent with the upgradient source area based on the 2020 annual groundwater quality results when compared to the 2018 results. The 2019 and 2020 analytical results from the rebound event confirm that the operation of GTP supports plume containment.

Concentrations of VOCs have also increased in Bedrock wells OS-2R and OW-2 during the 2019-2020 rebound event. Downgradient off-site bedrock plume concentrations increased slightly but remain in the same order of magnitude. The 2019 and 2020 analytical results from the rebound event indicate that the GTP provides plume containment.

6.2 COMPLIANCE

During the reporting period, operation of the remedial systems was temporarily discontinued, with NYSDEC approval, to allow for rebound monitoring of groundwater quality and SVI/IA quality during 2019 but due to the Covid-19 Pandemic and travel restrictions, the associated remedial system was not turned back on until June 2020. Once the remedial system was activated after a year and a half of shutdown, the system experienced multiple issues including failure of equipment. Since the repowering of the Groundwater Treatment System in June 2020, the system has not been able to function properly and has only been active intermittently. The existing monitoring well network is adequate to monitor the performance of the remediation program and to allow for the collection of groundwater quality samples, see appendix A – Institutional and Engineering Controls (IC/EC) Certification Forms. The SSDS has been restarted post Soil Vapor and Indoor Air sampling activities and remains active to mitigate indoor air conditions.

6.3 FUTURE ACTIVITIES

A summary of the activities planned for 2021 are provided below for reference:

- Continue monitoring remedial systems from remote access application (when systems are in operation).
- Continue to assess well conditions and determine repair needs. Make any necessary repair needs during 2020.
- If technically feasible based on aging system components, continue to operate the GTP as frequently as possible.
- Complete an in-depth review of site conditions and discuss additional investigation/mitigation with NYSDEC if GTP can no longer be operated continually due to its aging components.
- Replacement of Fan-2 roof venting fan in Spring 2021.
- The 2020 SVI/IA report of the assessment findings will be submitted to NYSDEC when finalized.



TABLES

Table 1 - Groundwater Elevations and Field Measurements
Xerox Blauvelt
March 2020

On-Site Wells

	March 9-10, 2020							
	W-2	U-6D	MW-12	MW-13	PW-2	OW-1	OW-2	RI-6
Casing Elevation*	106.80	118.43	111.72	114.28	110.90	113.27	110.98	114.46
Depth to Groundwater (btoc)	5.65	6.15	8.37	12.10	8.54	11.04	9.54	11.60
Groundwater Elevation	101.15	112.28	103.35	102.18	102.36	102.23	101.44	102.86
Well Depth (btoc)	13.98	26.25	14.45	15.60	20.25	35.33	32.85	23.55
Bottom of Well Elevation	92.82	92.18	97.27	98.68	90.65	77.94	78.13	90.91
Comments								

Off-Site Wells

	March 9-10, 2020							
	OS-2R	OS-5R	OS-5D	OS-6	OS-6R	OS-7R	OS-7D	OS-9
Casing Elevation	105.02	100.60	101.12	89.93	98.70	93.17	93.78	83.71
Depth to Groundwater (btoc)	18.50	9.17	13.85	10.75	13.17	12.48	9.22	3.76
Groundwater Elevation	86.52	91.43	87.27	79.18	85.53	80.69	84.56	79.95
Well Depth (btoc)	46.35	37.85	75.40	23.65	43.30	36.45	68	20.50
Bottom of Well Elevation	58.67	62.75	25.72	66.28	55.40	56.72	25.78	63.21
Comments								

Off-Site Wells

	March 9-10, 2020					
	OS-9R	OS-11R	OS-11D	OS-12R	OS-15R	OS-15D
Casing Elevation	83.66	105.65	105.9	86.91	86.49	85.82
Depth to Groundwater (btoc)	37.88	21.37	20.16	11.05	17	12.11
Groundwater Elevation	45.78	84.28	85.74	75.86	69.49	73.71
Well Depth (btoc)	43.80	44.8	75.40	33	49.4	82.25
Bottom of Well Elevation	39.86	60.85	30.50	53.91	37.09	3.57
Comments						

NOTES

btoc = Below top of casing (inner riser)

All measurements are in feet, referenced to Mean Sea Level

Table 1 - Groundwater Elevations and Field Measurements
Xerox Blauvelt
June 2020

On-Site Wells

	June 22-23, 2020							
	W-2	U-6D	MW-12	MW-13	PW-2	OW-1	OW-2	RI-6
Casing Elevation*	106.80	118.43	111.72	114.28	110.90	113.27	110.98	114.46
Depth to Groundwater (btoc)	7.78	6.15	10.09	14.16	11.75	12.81	11.26	12.03
Groundwater Elevation	99.02	112.28	101.63	100.12	99.15	100.46	99.72	102.43
Well Depth (btoc)	13.98	26.25	14.45	15.60	20.25	35.33	32.85	23.55
Bottom of Well Elevation	92.82	92.18	97.27	98.68	90.65	77.94	78.13	90.91
Comments								

Off-Site Wells

	June 22-23, 2020							
	OS-2R	OS-5R	OS-5D	OS-6	OS-6R	OS-7R	OS-7D	OS-9
Casing Elevation	105.02	100.60	101.12	89.93	98.70	93.17	93.78	83.71
Depth to Groundwater (btoc)	21.24	11.74	16.52	12.72	15.33	14.21	11.79	5.45
Groundwater Elevation	83.78	88.86	84.60	77.21	83.37	78.96	81.99	78.26
Well Depth (btoc)	46.35	37.85	74.45	23.65	43.30	36.45	68	20.50
Bottom of Well Elevation	58.67	62.75	26.67	66.28	55.40	56.72	25.78	63.21
Comments								

Off-Site Wells

	June 22-23, 2020					
	OS-9R	OS-11R	OS-11D	OS-12R	OS-15R	OS-15D
Casing Elevation	83.66	105.65	105.9	86.91	86.49	85.82
Depth to Groundwater (btoc)	37.40	23.27	23.11	11.27	18.69	13.82
Groundwater Elevation	46.26	82.38	82.79	75.64	67.80	72.00
Well Depth (btoc)	43.80	44.8	75.40	33	49.4	82.25
Bottom of Well Elevation	39.86	60.85	30.50	53.91	37.09	3.57
Comments						

NOTES

btoc = Below top of casing (inner riser)

All measurements are in feet, referenced to Mean Sea Level

Table 1 - Groundwater Elevations and Field Measurements
Xerox Blauvelt
September 2020

On-Site Wells

	September 3-4, 2020							
	W-2	U-6D	MW-12	MW-13	PW-2	OW-1	OW-2	RI-6
Casing Elevation*	106.80	118.43	111.72	114.28	110.90	113.27	110.98	114.46
Depth to Groundwater (btoc)	8.61	8.47	10.97	15.11	12.60	13.98	12.06	12.99
Groundwater Elevation	98.19	109.96	100.75	99.17	98.30	99.29	98.92	101.47
Well Depth (btoc)	13.98	26.25	14.45	15.60	20.25	35.33	32.85	23.55
Bottom of Well Elevation	92.82	92.18	97.27	98.68	90.65	77.94	78.13	90.91
Comments								

Off-Site Wells

	September 3-4, 2020							
	OS-2R	OS-5R	OS-5D	OS-6	OS-6R	OS-7R	OS-7D	OS-9
Casing Elevation	105.02	100.60	101.12	89.93	98.70	93.17	93.78	83.71
Depth to Groundwater (btoc)	19.82	12.20	16.95	13.65	15.56	14.49	12.32	5.56
Groundwater Elevation	85.20	88.40	84.17	76.28	83.14	78.68	81.46	78.15
Well Depth (btoc)	46.35	37.85	74.45	23.65	43.30	36.45	68.00	20.50
Bottom of Well Elevation	58.67	62.75	26.67	66.28	55.40	56.72	25.78	63.21
Comments								

Off-Site Wells

	September 3-4, 2020					
	OS-9R	OS-11R	OS-11D	OS-12R	OS-15R	OS-15D
Casing Elevation	83.66	105.65	105.9	86.91	86.49	85.82
Depth to Groundwater (btoc)	37.78	24.41	23.95	11.41	19.16	14.02
Groundwater Elevation	45.88	81.24	81.95	75.50	67.33	71.80
Well Depth (btoc)	43.80	44.80	75.40	33	49.4	82.25
Bottom of Well Elevation	39.86	60.85	30.50	53.91	37.09	3.57
Comments						

NOTES

btoc = Below top of casing (inner riser)

All measurements are in feet, referenced to Mean Sea Level

Table 1 - Groundwater Elevations and Field Measurements
Xerox Blauvelt
December 2020

On-Site Wells

	December 10-11, 2020							
	W-2	U-6D	MW-12	MW-13	PW-2	OW-1	OW-2	RI-6
Casing Elevation*	106.80	118.43	111.72	114.28	110.90	113.27	110.98	114.46
Depth to Groundwater (btoc)	5.89	7.30	10.93	14.86	12.40	13.56	12.07	12.74
Groundwater Elevation	100.91	111.13	100.79	99.42	98.50	99.71	98.91	101.72
Well Depth (btoc)	13.98	26.25	14.45	15.60	20.25	35.33	32.85	23.55
Bottom of Well Elevation	92.82	92.18	97.27	98.68	90.65	77.94	78.13	90.91
Comments								

Off-Site Wells

	December 10-11, 2020							
	OS-2R	OS-5R	OS-5D	OS-6	OS-6R	OS-7R	OS-7D	OS-9
Casing Elevation	105.02	100.60	101.12	89.93	98.70	93.17	93.78	83.71
Depth to Groundwater (btoc)	19.60	10.66	15.27	12.08	13.78	13.64	10.49	5.02
Groundwater Elevation	85.42	89.94	85.85	77.85	84.92	79.53	83.29	78.69
Well Depth (btoc)	46.35	37.85	74.45	23.65	43.30	36.45	68.00	20.50
Bottom of Well Elevation	58.67	62.75	26.67	66.28	55.40	56.72	25.78	63.21
Comments								

Off-Site Wells

	December 10-11, 2020					
	OS-9R	OS-11R	OS-11D	OS-12R	OS-15R	OS-15D
Casing Elevation	83.66	105.65	105.9	86.91	86.49	85.82
Depth to Groundwater (btoc)	36.62	23.45	22.00	10.97	18.82	13.64
Groundwater Elevation	47.04	82.20	83.90	75.94	67.67	72.18
Well Depth (btoc)	43.80	44.8	75.40	33	49.4	82.25
Bottom of Well Elevation	39.86	60.85	30.50	53.91	37.09	3.57
Comments						

NOTES

btoc = Below top of casing (inner riser)

All measurements are in feet, referenced to Mean Sea Level

TABLE 2
XEROX CORPORATION - BLAUVELT NEW YORK
SUMMARY OF QUARTERLY GROUNDWATER STATIC WATER LEVELS

	Well Type	Depth to Bottom (ft btoc)	Dec-20	Sep-20	Jun-20	Mar-20	Dec-19	Sep-19	Jun-19	Mar-19	Dec-18	Sep-18	Jun & Jul -18	Mar-18	Dec-17	Jul-17	Apr-17	Jan-17	Dec-16	Jul-16	Jun-16	Jan-16	Oct-15	Jul-15	Apr-15	Jan-15	Oct-14	Jul-14	Apr-14						
On-Site Wells																																			
W-2	Overburden	13.98	5.89	8.61	7.78	5.65	6.09	6.43	5.78	2.18	7.12	4.95	8.28	5.55	6.6	5.98	7.62	5.65	7.36	12.58	6.98	7.45	8.62	6.90	5.88	8.16	6.55	4.31	5.75						
U-6D	Bedrock	26.23	7.30	8.47	6.15	6.15	7.73	6.60	6.92	5.4	5.5	7.25	6.48	5.2	8.35	6.63	5.24	5.26	7.01	7.36	7.20	6.80	10.08	6.60	5.65	6.73	7.53	5.75	5.19						
MW-12	Overburden	14.45	10.93	10.97	10.09	8.37	9.08	8.65	6.08	6.58	13.65	Dry	13.85	Dry	Dry	12.36	11.85	12.66	Dry	13.70	13.78	11.77	12.15	11.06	10.60	12.23	9.33	7.70	11.30						
MW-13	Overburden	15.56	14.86	15.11	14.16	12.1	11.57	12.57	10.23	8.82	Dry	Dry	Dry	Dry	Dry	13.69	Dry	Dry	Dry	Dry	Dry	Dry	13.26	NA	13.30	11.41	15.45								
PW-2	Overburden	20.19	12.40	12.60	11.75	9.98	10.62	10.39	8.46	8.54	14.9	18.75	15	14.62	18.45	13.65	13.23	13.86	16.55	14.40	15.02	13.19	13.65	12.54	11.97	13.60	11.00	9.43	12.85						
OW-1	Bedrock	35.30	13.56	13.98	12.81	11.04	11.86	11.31	10.70	10.35	16.75	19.03	16.87	18.48	20.13	15.51	14.84	15.58	18.24	15.91	16.02	14.53	14.93	13.95	13.47	15.05	12.11	10.30	14.64						
OW-2	Bedrock	32.87	12.07	12.06	11.26	9.54	10.30	9.78	9.34	8.12	14.63	17	14.75	16.51	18.43	13.35	12.85	13.76	16.46	14.06	14.76	12.76	13.14	12.10	11.66	13.22	10.53	7.88	12.60						
RI-6	Overburden	23.60	12.74	12.99	12.03	11.6	12.38	10.54	11.45	8.72	12.41	14.99	13	13.42	15.89	12.37	11.47	12.75	14.90	13.66	13.40	12.76	14.25	11.66	10.85	12.33	11.30	9.00	10.71						
Off-Site Wells																																			
OS-2R	Bedrock	46.37	19.60	19.82	21.24	18.50	19.15	20.13	20.38	20.15	17.7	19.25	18.31	17.02	19.75	18.12	16.1	18.12	18.53	21.02	18.50	17.82	19.23	17.61	16.03	16.97	18.55	16.99	17.60						
OS-5R	Bedrock	38.31	10.66	12.20	11.74	9.17	10.60	10.04	13.11	N/A	10.02	11.95	11.11	9.95	NA	10.52	9.01	10.52	11.40	12.00	11.11	Blocked	11.80	9.87	9.02	NA	10.35	9.50	9.82						
OS-5D	Bedrock	74.78	15.27	16.95	16.52	13.77	15.27	14.78	15.16	13.85	14.45	16.3	16.57	14.56	12	15.75	14.32	12.4	16.94	17.82	16.10	14.85	11.95	14.82	13.65	14.62	16.45	15.00	14.92						
OS-6	Overburden	23.65	12.08	13.65	12.72	10.75	10.56	11.88	11.21	9.24	11.5	14.46	12.74	10.71	15.11	11.91	10.32	11.91	14.00	13.59	12.86	12.02	13.76	11.77	10.34	11.47	12.61	10.99	10.80						
OS-6R	Bedrock	43.30	13.78	15.56	15.33	13.17	14.36	14.13	13.84	12.18	14	14.31	19.32	12.59	15.47	14.37	12.4	14.37	15.13	14.75	15.00	13.40	16.30	13.97	12.14	13.45	14.91	13.27	14.15						
OS-7R	Bedrock	36.47	13.64	14.49	14.21	12.48	13.69	12.90	13.42	11.88	12.41	12.28	12.85	11.99	13.62	12.65	8.52	12.65	13.07	13.30	12.91	12.85	13.67	12.51	12.04	12.67	13.00	12.25	12.29						
OS-7D	Bedrock	68.00	10.49	12.32	11.79	9.22	10.57	11.84	9.81	8.35	9.2	9.31	10.59	8.85	11.41	10.25	8.52	10.25	10.53	11.29	10.71	9.85	12.05	9.16	8.66	9.73	10.37	8.94	7.84						
OS-9	Overburden	20.50	5.02	5.56	5.45	3.76	3.54	4.05	3.35	3.81	3.7	4.95	3.95	3.3	4.53	3.85	3.43	3.85	4.20	4.33	4.05	4.00	4.63	3.77	3.38	3.86	4.11	3.56	3.60						
OS-9R	Bedrock	43.81	36.62	37.78	37.40	37.88	37.21	36.58	36.45	37.25	38.73	39.13	37.82	39	36.25	40.17	40.31	40.17	37.31	42.11	35.21	36.00	35.01	37.24	35.56	36.70	36.18	36.31	35.50						
OS-11R	Bedrock	44.40	23.45	24.41	23.27	21.37	23.48	22.41	21.72	20.41	21.68	24.25	22.74	21.73	24.6	22.08	20.17	22.08	23.50	23.49	22.00	22.61	24.07	22.10	21.06	22.14	23.31	21.40	21.32						
OS-11D	Bedrock	75.47	22.00	23.95	23.11	20.16	21.91	21.41	20.76	19.39	20.22	22.49	22.11	20.25	22.95	21.65	19.58	21.65	22.32	23.00	22.38	21.10	23.85	20.72	19.84	20.75	22.00	20.00	19.94						
OS-12R	Bedrock	33.05	10.97	11.41	11.27	11.05	9.37	10.00	9.28	9.15	9.5	9.5	9.82	9.12	10.25	9.6	9.31	9.6	9.87	10.11	9.73	9.81	10.36	9.60	9.31	9.62	10.04	9.36	9.22						
OS-15R	Bedrock	49.40	18.82	19.16	18.69	17	17.09	17.31	17.90	16.66	16.66	16.75	17.1	17.2	18.4	17.1	16	17.1	17.95	17.65	17.26	17.37	18.40	17.22	16.50	17.13	17.90	16.72	16.55						
OS-15D	Bedrock	82.00	13.64	14.02	13.82	12.11	11.99	12.43	13.19	11.66	12.4	11.92	12.25	12	13.2	12.4	12.11	12.4	12.67	12.98	12.46	12.40	13.22	12.45	11.72	12.30	12.77	12.20	12.00						

	Well Type	Depth to Bottom (ft btoc)	Jan-14	Oct-13	Jul-13	Apr-13	Jan-13	Nov-12	Sep-12	Apr-12	Jan-12	Oct-11	Jul-11	Apr-11	Jan-11	Oct-10	Jul-10	Apr-10	Jan-10	Oct-09	Jul-09	Apr-09	Jan-09	Oct-08	Jul-08	Jan-08	Aug-07	Feb-07	Jul-06	Feb-06
On-Site Wells																														
W-2	Overburden	13.98	8.22	9.87	7.40	5.70	4.71	12.00	6.50	3.75	6.85	4.92	8.90	4.55	8.32	8.90	5.30	9.91	7.10	6.36	5.35	4.05	5.30	6.27	10.06	10.39	7.05	11.10	10.57	7.81
U-6D	Bedrock	26.23	6.92	7.46	6.36	5.50	6.81	9.34	9.49	8.46	6.09	7.23	7.43	3.67	7.68	7.00	7.75	4.55	6.56	6.09	5.87	5.45	5.22	6.82	6.66	6.67	6.76	6.66	5.67	6.26
MW-12	Overburden	14.45	14.35	14.37	12.81	13.02	14.35	Dry	11.80	8.60	11.16	11.65	10.36	10.37	Dry	Dry	13.30	10.80	13.10	11.20	11.65	7.15	7.13	8.25	Dry	Dry	Dry	Dry	Dry	11.58
MW-13	Overburden	15.56	15.47	15.45	Dry	Dry	Dry	Dry	Dry	15.05	Dry	Dry	14.42	14.50	Dry	Dry	Dry	15.30	Dry	15.30	Dry	10.71	10.80	12.30	Dry	Dry	Dry	Blocked	Blocked	Blocked
PW-2	Overburden	20.19	17.23	17.36	14.13	14.23	15.52	18.79	13.19	10.17	12.48	12.77	11.82	11.70	16.19	16.52	14.04	12.16	14.50	12.56	12.90	8.76	8.88	10.11	18.48	19.35	18.30	17.68	17.20	13.18
OW-1	Bedrock	35.30	18.89	19.90	16.24	15.99	17.05	20.48	15.13	11.23	15.05	14.53	14.63	13.48	17.99	18.26	14.70	13.79	16.35	15.37	15.61	9.71	9.63	11.05	20.88	22.10	20.72	19.78	19.43	14.94
OW-2	Bedrock	32.87	17.03	17.11	13.77	13.95	15.22	18.51	12.96	9.73	12.17	12.60	12.45	11.38	15.92	16.22	13.03	11.75	14.30	12.01	12.57	8.43	8.38	9.61	18.60	19.81	18.29	17.42	17.07	12.55
RI-6	Overburden	23.60	14.31	14.13	11.05	11.23	13.00	16.07	11.43	12.60	10.18	10.06	11.61	9.38	13.67	13.70	12.35	11.85	11.40	15.05	10.19	8.10	8.00	9.64	12.78	12.55	12.79	11.31	13.05	8.67
Off-Site Wells																														
OS-2R	Bedrock	46.37	19.59	19.92	17.87	17.92	18.77	19.97	19.80	17.34	16.83	16.87	17.85	14.55	19.33	18.73	19.90	15.05	17.19	17.42	17.85*	15.17	15.34	16.49	18.50	17.51	18.74	19.94	17.26	14.29
OS-5R	Bedrock	38.31	12.11	12.11	10.23	10.15	10.82	11.87	10.71	10.00	9.62	9.30	11.01	7.45	NA	11.74	11.45	10.35	10.02	10.65	10.25*	8.86	8.91	10.22	11.43	11.80	12.29	13.14	12.88	7.05
OS-5D	Bedrock	74.78	16.22	17.75	15.00	15.60	16.06	18.80	16.35	17.45	14.65	14.00	16.14	12.30	16.54	16.96	17.00	15.71	15.63	16.46	13.61	14.23	16.91	14.60	16.85	14.95	17.26	15.40	18.21	11.87
OS-6	Overburden	23.65	13.85	14.85	11.95	11.60	12.95	16.40	12.30	11.06	10.42	10.61	12.04	7.04	12.86	12.80	13.06	11.61	11.82	12.32	10.21	8.90	12.05	11.31	13.35	12.15	13.30	12.16	11.61	8.37
OS-6R	Bedrock	43.30	16.83	16.11	14.20	15.35	15.80	15.90	14.55	12.87	14.49	12.67	13.90	10.12	14.22	14.61	14.65	13.20	14.30	13.84	12.01	11.94	11.60	12.96	14.17	12.99	14.42	14.80	16.40	11.32
OS-7R	Bedrock	36.47	13.30	13.55	12.56	12.55	12.86	15.80	12.92	12.55	12.45	12.08	12.93	10.10	13.10	13.03	13.25	11.19	12.49	12.63	12.7*	11.71	12.19	12.87	12.75	11.82	12.38	12.19	11.51	10.38
OS-7D	Bedrock	68.00	10.56	11.02	9.45	9.35	10.85	13.10	10.62	9.50	9.11	8.61	10.46	6.71	10.53	10.35	9.43	7.22	9.17	9.50	8.65	7.87	8.08	9.50	10.12	8.62	10.28	9.50	11.28	6.24
OS-9	Overburden	20.50	4.33	4.60	3.89	3.85	4.04	6.90	4.11	3.87	3.89	3.52	4.18	2.21	4.30	4.30	4.32	3.00	3.89	3.50	3.50	3.37	3.76	4.18	4.06	3.48	3.76	3.66	3.26	2.50
OS-9R	Bedrock	43.81	34.50	33.20	32.41	32.75	36.85	35.60	31.03	31.77	31.58	30.96	31.01	16.72	30.25	24.62	21.96	15.53	22.98	19.35	18.15	15.57	13.26	13.76	4.82	4.90	5.42	3.50	4.89	2.99
OS-11R	Bedrock	44.40	23.60	24.15	21.75	21.72	22.90	25.90	22.92	22.01	21.35	21.63	22.68	18.53	23.48	23.51	23.11	19.67	22.42	22.84	21.31	21.02	21.16	24.73	22.89	22.35	23.00	22.15	21.89	19.52
OS-11D	Bedrock	75.47	21.87	22.47	20.46	20.45	22.17	24.41	22.30	20.74	20.46	21.90	21.90	18.00	21.81	24.40	22.03	18.80	20.80	21.20	20.00	19.52	19.58	20.80	21.93	20.77	22.02	20.74	20.70	18.90
OS-12R	Bedrock	33.05	9.85	10.20	9.45	9.43	9.71	12.58	9.82	9.80	9.65	9.22	9.92	8.70	10.10	12.54	12.67	11.45	9.75	9.87	9.29	9.37	11.94	9.81	9.28	9.30	9.19	9.02	9.23	10.08
OS-15R	Bedrock	49.40	17.61	18.10	16.68	16.91	17.30	20.30	17.61	17.17	16.90	16.35	16.70	15.02	17.43	17.42	17.51	15.32	16.62	17.12	16.28	16.12	16.18	16.87	16.60	15.51	15.71	15.21	15.30	14.70
OS-15D	Bedrock	82.00	12.75	13.03	12.55	12.70	12.70	15.45	12.95	12.75	12.55	12.41	12.70	10.99	13.00	13.27	13.11	11.52	12.76	12.80	12.28	12.08	12.35	12.92	12.76	12.00	12.10	12.10	11.80	11.50

TABLE 3
XEROX CORPORATION - BLAUVELT NEW YORK
SUMMARY OF MONTHLY ON-SITE GROUNDWATER TREATMENT SYSTEM DATA

Date	Influent (Total Target VOCs - Method 601/602)	Effluent (Total Target VOCs - Method 601/602)
Dec-20	Down	Down
Nov-20	Down	Down
Oct-20	Down	Down
Sep-20	Down	Down
Aug-20	Down	Down
Jul-20	Down	Down
Jun-20	No Sampling	No Sampling
May-20	No Sampling	No Sampling
Apr-20	No Sampling	No Sampling
Mar-20	No Sampling	No Sampling
Feb-20	No Sampling	No Sampling
Jan-20	No Sampling	No Sampling
Dec-19	No Sampling	No Sampling
Nov-19	No Sampling	No Sampling
Oct-19	No Sampling	No Sampling
Sep-19	No Sampling	No Sampling
Aug-19	No Sampling	No Sampling
Jul-19	No Sampling	No Sampling
Jun-19	No Sampling	No Sampling
May-19	No Sampling	No Sampling
Apr-19	No Sampling	No Sampling
Mar-19	No Sampling	No Sampling
Feb-19	No Sampling	No Sampling
Jan-19	No Sampling	No Sampling
Dec-18	40.8	ND
Nov-18	34	ND
Oct-18	46.3	0.682
Sep-18	33	0.43
Aug-18	32	0.32
Jul-18	32	0.321
Jun-18	34	ND
May-18	Lab Error- No results	Lab Error- No results
Apr-18	39	1.18
Mar-18	48	ND
Feb-18	22	ND
Jan-18	14	ND
Dec-17	13	ND
Nov-17	14	ND
Oct-17	18	ND
Sep-17	29	ND
Aug-17	31	ND
Jul-17	35	ND
Jun-17	39	ND
May-17	46	ND
Apr-17	54	ND

Date	Influent (Total Target VOCs - Method 601/602)	Effluent (Total Target VOCs - Method 601/602)
Mar-17	54	ND
Feb-17	41	ND
Jan-17	65	ND
Dec-16	34	ND
Nov-16	58	ND
Oct-16	27	ND
Sep-16	56	ND
Aug-16	40	ND
Jul-16	35	ND
Jun-16	44	ND
May-16	65	2.4
Apr-16	27	ND
Mar-16	Samples Lost	Samples Lost
Feb-16	51	ND
Jan-16	66	ND
Dec-15	58	ND
Nov-15	42	ND
Oct-15	44	ND
Sep-15	26	1.6
Aug-15	30	2
Jul-15	37	1.1
Jun-15	62	10
May-15	32	5.7
Apr-15	33	3.3
Mar-15	73	1.7
Feb-15	22	ND
Jan-15	63	ND
Dec-14	84	ND
Nov-14	Down	Down
Oct-14	Down	Down
Sep-14	Down	Down
Aug-14	Down	Down
Jul-14	Down	Down
Jun-14	Down	Down
May-14	47	ND
Apr-14	49	ND
Mar-14	45	ND
Feb-14	38	ND
Jan-14	26	ND
Dec-13	23	ND
Nov-13	17	ND
Oct-13	47	ND
Sep-13	38	ND
Aug-13	62	ND
Jul-13	52	ND

Date	Influent (Total Target VOCs - Method 601/602)	Effluent (Total Target VOCs - Method 601/602)
Jun-13	53	ND
May-13	76	ND
Apr-13	64	ND
Mar-13	148	ND
Feb-13	46	ND
Jan-13	45	ND
Dec-12	54	ND
Nov-12	69	ND
Oct-12	70	ND
Sep-12	101	ND
Aug-12	135	ND
Jul-12	Down	Down
Jun-12	Down	Down
May-12	Down	Down
Apr-12	Down	Down
Mar-12	78	ND
Feb-12	69	ND
Jan-12	80	7
Dec-11	80	ND
Nov-11	71	ND
Oct-11	46	ND
Sep-11	53	ND
Aug-11	46	ND
Jul-11	63	ND
Jun-11	52	ND
May-11	62	ND
Apr-11	72	ND
Mar-11	163	ND
Feb-11	49	ND
Jan-11	70	60
Dec-10	58	22
Nov-10	54	ND
Oct-10	5	ND
Sep-10	101	ND
Aug-10	57	ND
Jul-10	74	ND
Jun-10	67	ND
May-10	68	ND
Apr-10	64	ND
Mar-10	54	ND
Feb-10	43	ND
Jan-10	66	ND

Notes

- Results are in parts per billion (ppb).
- ND = Non-detect.
- Down = System down and samples not collected.
- Items in **BOLD** type indicate levels
 >/= best management practices discharge limit of 10 ppb.
- Samples Lost = March 2016 samples were lost by the shipping carrier.
- Lab Error- No results = May 2018, no analytical results due to laboratory error with samples
- No Sampling = GTS was shut down for an one (1) year approved rebound event. No sampling was needed. Due to the Covid-19 Pandemic and travel restriction associated, system was not able to be repowered back on until June 2020

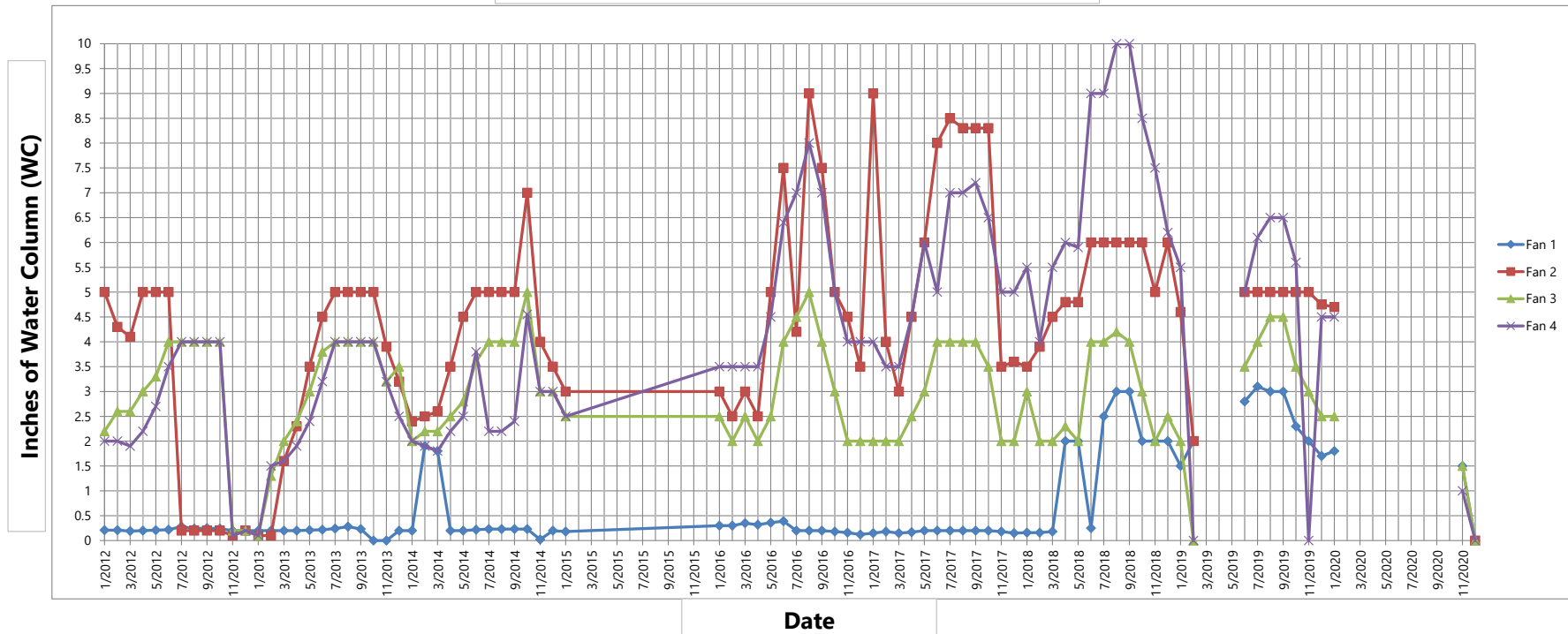
TABLE 4
XEROX CORPORATION - BLAUVELT, NEW YORK
SUMMARY OF QUARTERLY AND MONTHLY GROUNDWATER ANALYTICAL DATA
TOTAL TARGET VOLATILE ORGANIC COMPOUNDS - METHOD 8021B

		Well Type	Dec-20	Sep-20	Aug-20	Jul-20	Jun-20	May-20	Apr-20	Mar-20	Feb-20	Jan-20	Dec-19	Nov-19	Oct-19	Sep-19	Aug-19	Jul-19	Jun-19	Mar-19	Dec-18	Sep-18	Jun & Jul-18	Mar-18	Dec-17	Jul-17	Jun-17	Jan-17	Dec-16	Jul-16	Jun-16	Jan-16	Oct-15	Jul-15	Apr-15	
On-Site Wells																																				
W-2	Overburden	ND	11	XX	XX	ND	XX	XX	ND	XX	XX	30	XX	XX	38	XX	XX	9.9	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
U-6D	Bedrock	ND	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND
MW-12	Overburden	3800	16,000	12,500	18,700	11,350	3,400.00	9,800	19720	11,000	12,350	3,900	15,000	16,407	21,580	9,100	7,638	378	550	670	ND	ND	2,200	DRY	DRY	1,200	1,600	630	Dry	3,700	5,600	5,300	8,700	14,000	12,000	
MW-13	Overburden	27.1	8.1	34	16	24.8	30.6	19	20.3	16.3	24.3	24.4	17.9	30.6	34.3	36.8	50.3	44.8	49.5	DRY	DRY	DRY	DRY	DRY	DRY	DRY	DRY	49	Dry	Dry	Dry	Dry	Dry	30		
PW-2	Overburden	770	2,900	4,280	3,950.00	4,500	2,940.00	3,000	3460	3,520	2,000	2,500	3,340	3,485.70	3,680	4,320	4,430	3,450	1,673	194	225.7	177	92.9	58	254	195.3	186	131	821	792	2,020	3,000	3,100	2,400		
OW-1	Bedrock	ND	10	XX	XX	32	XX	XX	22	XX	XX	ND	XX	XX	26	XX	XX	155	106.2	9.3	8	17	ND	18	ND	ND	ND	5	ND	ND	ND	ND	6			
OW-2	Bedrock	136.4	107.7	XX	XX	109.6	XX	XX	134.2	XX	XX	363.9	XX	XX	108.5	XX	XX	198.6	323	9.7	24.3	7.9	ND	10	54.5	52.7	100	64	130	73	120	82	ND	53		
RI-6	Overburden	ND	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Off-Site Wells																																				
OS-2R	Bedrock	32	155.4	125.9	145.8	166.9	104.3	87.5	100.8	103	104.5	126.5	147.2	167.8	168.3	167	168.9	107.7	52	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	16	7	24	23	ND	15	
OS-5R	Bedrock	39	61	59	64	66	73	60	58	65.1	59	65	65	50	65	73	71	59	No Access	ND	ND	ND	ND	ND	No Access	ND	5.6	15	11	37	19	Blocked	28	29	32	
OS-5D	Bedrock	20	28	25	24	19	19	23	22	24	23	29	31	27	24	17	17	11	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	6	11	ND	ND	ND	ND		
OS-6	Overburden	ND	32	30	32	32	8.5	24	18	25	22	22	26	27	24	19	18	11	ND	ND	ND	ND	ND	ND	14	8	8.3	10	19	35	35	16	29	ND	8	
OS-6R	Bedrock	69	65.4	63.3	67.9	77.9	84.2	75	69	71	62.4	63.7	62	54.3	56.9	59	64	62	72.5	45	63.6	47	58	55	67	77.7	60	64	53	92	61	64	84	84		
OS-7R	Bedrock	9.6	12	XX	XX	10	XX	XX	ND	XX	XX	9.5	XX	XX	9	XX	XX	5.4	ND	ND	ND	ND	ND	ND	ND	ND	ND	5	ND	7	8	9	6	ND	ND	
OS-7D	Bedrock	ND	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
OS-9	Overburden	ND	8.9	XX	XX	8.1	XX	XX	6.7	XX	XX	6.3	XX	XX	5.9	XX	XX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
OS-9R	Bedrock	ND	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	ND	DRY	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
OS-11R	Bedrock	6.2	ND	ND	ND	ND	5.2	10.8	10.3	11	10.4	11.5	11.7	ND	ND	ND	ND	ND	ND	11.5	13.4	11.5	13.7	25	11.7	16.1	19	24	17	15	24	13	19	7		
OS-11D	Bedrock	26	27	18	27.6	9.8	6	5.5	ND	6.9	11	20	20.6	26.9	8.4	ND	ND	ND	ND	ND	ND	ND	11.5	ND	ND	13	ND	ND	ND	17	14	11	24	13	ND	
OS-12R	Bedrock	ND	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
OS-15R	Bedrock	ND	5.4	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
OS-15D	Bedrock	ND	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	XX	XX	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Total VOCs			4,935.30	19,431.90	17,135.20	23,027.30	16,406.10	6,670.80	13,104.80	23,641.30	14,842.30	14,666.60	7,171.80	18,721.40	20,276.30	25,828.30	13,791.80	12,457.20	4,492.40	2,826.20	939.5	335	2,471.90	164.6	180	1,608	1,956	1,080	324	4,844	6,654	7,584	11,970	17,244	14,635	

	Well Type	Jan-15	Oct-14	Jul-14	Apr-14	Jan-14	Oct-13	Jul-13	Apr-13	Jan-13	Nov-12	Sep-12	Apr-12	Jan-12	Oct-11	Jul-11	Apr-11	Jan-11	Oct-10	Jul-10	Apr-10	Jan-10	Oct-09	Jul-09	Apr-09	Jan-09	Oct-08	Jul-08	Jan-08	Aug-07	Feb-07	Jul-06	Feb-06	
On-Site Wells																																		
W-2	Overburden	ND	12	ND	ND	ND	ND	ND	1	2	ND	4	1	ND	2	4	3	1	2	5	6	4	6	11	5	5	7	5	5	8	1	57	25	
U-6D	Bedrock	6	ND	ND	ND	ND	ND	ND	ND	1	1	ND	ND	ND	ND	ND	8	ND	ND	ND	ND	1	4	ND	ND	ND	ND	ND	ND	ND	ND	2	2	
MW-12	Overburden	16,000	10,205	2,000	2,500	Dry	Dry	6,000	7,200	Dry	NS	24,820	13,000	9,311	2,740	1,864	2,008	NS	NS	1,361	3,024	2,983	4,720	11,140	7,490	2,600	759	--	--	--	--	--	1,348	
MW-13	Overburden	Dry	782	392	Dry	Dry	Dry	Dry	Dry	Dry	NS	NS	801	NS	NS	2,726	1,132	NS	NS	NS	NS	NS	NS	NS	1,854	2,500	1,556	--	--	--	--	--	--	
PW-2	Overburden	2,300	3,640	2,108	272	184	485	1,310	1,133	1,474	2,829	4,930	4,767	2,037	1,001	1,173	1,240	592	790	986	1,297	1,327	6,014	9,220	12,850	9,700	3,614	3,409	2,019	2,660	2,788	3,310	2,682	
OW-1	Bedrock	9	40	107	29	15	ND	ND	2	2	9	54	17	23	4	23	52	22	14	1	30	24	2	35	134	670	72	113	155	17	31	41	59	
OW-2	Bedrock	103	269	399	36	26	53	26	134	62	79	439	111	126	136	5	104	109	120	11	75	71	86	399	1,218	560	879	318	100	107	225	240	169	
RI-6	Overburden	ND	ND	ND	ND	ND	ND	ND	ND	ND	3	6	2	2	2	3	6	1	1	4	3	6	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	
Off-Site Wells																																		
OS-2R	Bedrock	24	105	51	5	ND	ND	5	13	23	36	112	69	27	12	10	23	18	13	15	15	24	30	42.9	149	98	55	17	23	15	23	22	42	
OS-5R	Bedrock	NS	49	24	8	ND	8	8	22	29	38	76	40	25	11	7	19		7	14	23	30	41	51.7	117	84	57	20	18	24	30	22	41	
OS-5D	Bedrock	ND	ND	ND	ND	ND	ND	5	12	25	ND	31	3	11	7	7	6	8	11	12	14	17	3	40	6	8	18	8	10	11	15	13	25	
OS-6	Overburden	23	30	8	ND	18	18	19	30	36	46	39	14	13	10	20	3	22	24	31	13	38	36	19	14	12	19	22	22	21	20	15	8	
OS-6R	Bedrock	78	90	65	91	60	65	74	89	96	96	103	87	81	73	125	152	131	74	61	101	117	9	189	170	190	97	146	117	136	178	159	204	
OS-7R	Bedrock	6	8	ND	ND	ND	ND	ND	8	13	13	15	6	5	3	3	5	5	5	7	6	12	ND	13	12	10	8	3	3	3	4	1	3	
OS-7D	Bedrock	ND	ND	ND	ND	ND	ND	ND	ND	1	1	1	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	1	ND	ND	ND	ND	1	ND	1	1	1	
OS-9	Overburden	ND	ND	ND	ND	ND	ND	ND	ND	3	5	5	2	1	3	ND	ND	2	1	ND	ND	ND	3	4	2	4	3	3	ND	ND	ND	ND	ND	
OS-9R	Bedrock	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	ND	6	ND	ND	ND	1	1	ND	1	ND	1	ND	ND	ND	ND	ND	ND	ND	
OS-11R	Bedrock	13	21	7	8	23	24	15	21	25	27	22	19	16	19	19	21	33	28	23	23	40	32	31	32	40	32	29	34	29	44	34	33	
OS-11D	Bedrock	ND	15	ND	ND	ND	ND	ND	6	6	11	26	11	6	5	11	13	17	14	28	27	16	22	29	28	13	17	18	17	23	20	52	79	
OS-12R	Bedrock	ND	ND	ND	ND	ND	ND	ND	3	3	ND	1	ND	ND	ND	ND	1	ND	ND	1	1	ND	191	ND	ND	ND	ND	ND	1	5	4	3	6	3
OS-15R	Bedrock	ND	ND	ND	ND	ND	ND	ND	2	1	2	2	ND	1	1	ND	3	2	2	2	1	2	5	1	2	1	2	1	3	3	3	4	5	
OS-15D	Bedrock	ND	ND	ND	ND	ND	ND	ND	3	1	4	5	ND	ND	ND	ND	2	ND	1	ND	ND	3	2	1	ND	1	ND	ND	ND	ND	ND	2	4	
Total VOCs		18,562	15,265	5,162	2,948	327	652	7,462	8,679	1,803	3,200	30,688	18,949	11,687	4,026	6,000	4,809	962	1,106	2,561	4,661	4,722	11,204	21,228	24,084	16,497	7,195	4,110	2,532	3,061	3,386	3,981	4,733	

Table 5 - SSD Fan Vacuum and Sub-Slab Vacuum Reading
Xerox Blauvelt

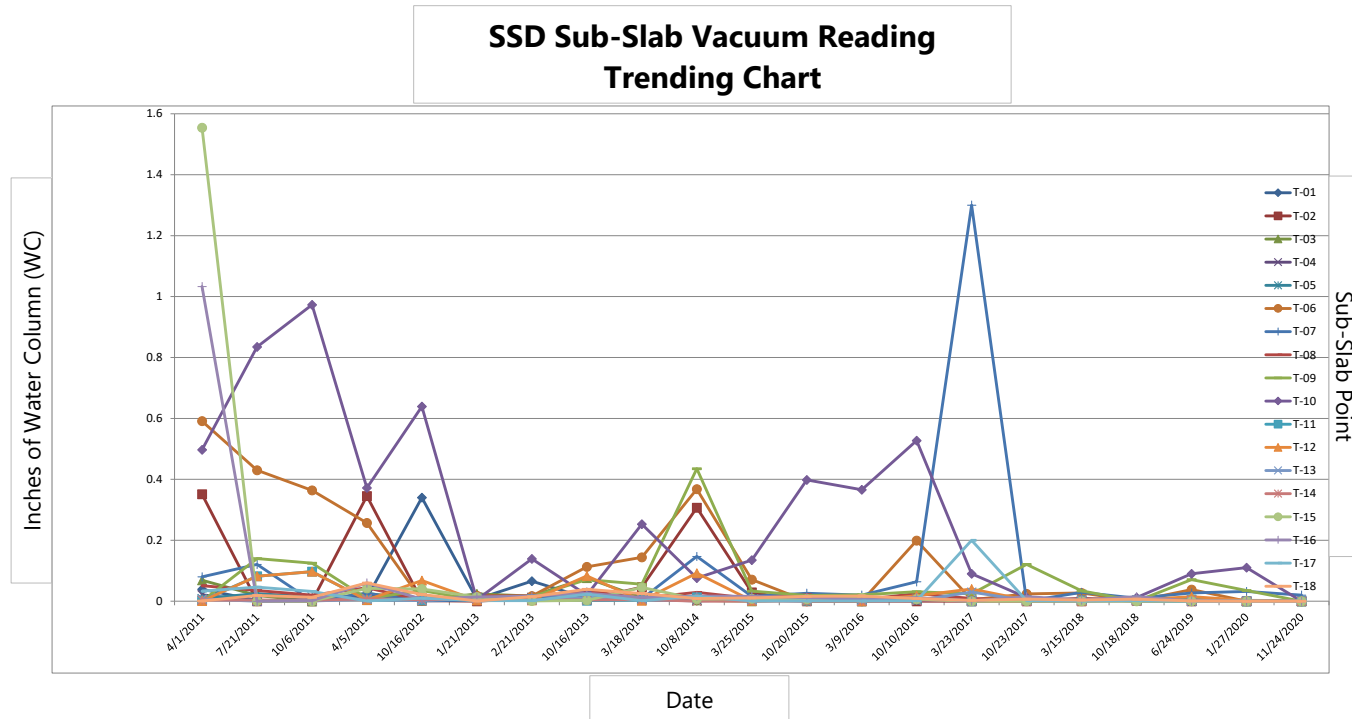
2012-2020 SSD Fan Vacuum Reading Trending Chart



NOTES:

1. March 2019 = System was turned off for Soil Vapor Intrusion and Indoor Air Assessment Report and Fan repairs
2. April & May 2019 = Missing data
3. Feb 2020 = System was turned off for Soil Vapor Intrusion and Indoor Air Assessment Report. Due to Covid-19 Pandemic and travel restrictions associated, fans were not repowered until May 2020
4. Fan 1, 2, 3 were not operation from May until November. Fan 1 & 3 were replaced in November 2020. Fan 2 will be replaced in Spring 2021

Table 5 - SSD Fan Vacuum and Sub-Slab Vacuum Reading
Xerox Blauvelt



Date	T-01	T-02	T-03	T-04	T-05	T-06	T-07	T-08	T-09	T-10	T-11	T-12	T-13	T-14	T-15	T-16	T-17	T-18
4/1/2011	0.039	0.351	0.069	0.021	0.009	0.591	0.08	0.051	0	0.497	0.003	0.001	0.007	0.004	1.554	1.033	0.033	0.001
7/21/2011	0.003	NA	0.019	0	0.025	0.43	0.121	0.035	0.14	0.835	0.082	0.082	0	0.004	0	0	0.046	0.019
10/6/2011	0.001	NA	0	0.006	0.014	0.364	NA	0.02	0.125	0.973	0.097	0.097	0.001	0.003	0	0.002	0.032	0.013
4/5/2012	0.011	0.345	0.026	0.021	0.005	0.257	0.026	0.044	0.009	0.372	0.004	0.004	0.006	0.008	0.042	0.06	0.001	0.06
10/16/2012	0.34	0.002	0.003	0.006	0.012	0.003	0.001	0.003	0.035	0.639	0.004	0.068	0.002	0.005	0.04	0.007	0.01	0.022
1/21/2013	0.007	NA	0.024	0.014	0.002	0.018	0.004	0.017	0.003	0.005	0.009	0.003	0.01	0.007	0.014	0.014	0.002	0.001
2/21/2013	0.066	0.01	0.017	0.013	0.003	0.017	0.008	0.017	0.015	0.139	0.007	0.003	0.004	0.005	0.001	0.017	0.002	0.015
10/16/2013	0.01	0.005	0.076	0.011	0.003	0.113	0.03	0.034	0.071	0.02	0.002	0.083	0.012	0.004	0.003	0.026	0.023	0.039
3/18/2014	0.005	0.046	0.012	0.007	0.008	0.144	0.008	0.01	0.056	0.253	0.004	0.002	0.006	0.006	0.045	0.012	0.002	0.025
10/8/2014	0.003	0.307	0.003	0.004	0.009	0.368	0.147	0.029	0.435	0.076	0.013	0.092	0.001	NA	0.007	0.017	0.016	0.009
3/25/2015	0.005	0.029	NA	0.01	0.004	0.071	0.016	0.009	0.033	0.135	0.005	0.002	0.005	NA	0.008	0.016	0.001	0.011
10/20/2015	NA	NA	0.004	0.003	0.002	NA	0.026	0.021	0.019	0.398	0.002	0.006	0.006	NA	0.007	0.012	0.001	0.016
3/9/2016	0.004	NA	NA	0.004	0.004	NA	0.02	0.005	0.021	0.366	0.005	0.001	0.003	NA	0.011	0.006	0.001	0.017
10/10/2016	0.006	NA	0.008	0.003	0.007	0.199	0.064	0.025	0.031	0.527	0.006	0.018	0.002	0.004	0.007	0.012	0.002	0.009
3/23/2017	0.005	NA	0.004	0.003	0.006	0.005	1.3	0.009	0.024	0.09	NA	0.04	0.03	NA	NA	0.001	0.2	0.003
10/23/2017	0.002	NA	0.006	0.005	0.001	0.024	NA	0.003	0.121	0.012	0.003	0.004	0.002	NA	NA	0.015	0.002	0.007
3/15/2018	0.005	NA	0.006	0.005	0.008	0.027	0.029	0.009	0.034	0.003	0.003	0.002	0.002	0.004	NA	0.004	0.001	0.004
10/18/2018	0.01	0.002	0.007	0.003	NA	0.001	0.01	0.005	NA	0.012	0.003	0.004	0.002	NA	NA	0.015	0.002	0.007
6/24/2019	NA	NA	0.006	NA	NA	0.038	0.027	0.001	0.071	0.09	0.006	0.015	0	0.003	NA	0.001	NA	0.001
1/27/2020	0	NA	NA	NA	NA	NA	0.032	0	0.035	0.11	NA	0.003	0	NA	NA	NA	NA	0
11/24/2020	0	NA	NA	NA	NA	NA	0.02	0	0	0	NA	0.002	0	NA	NA	NA	NA	0

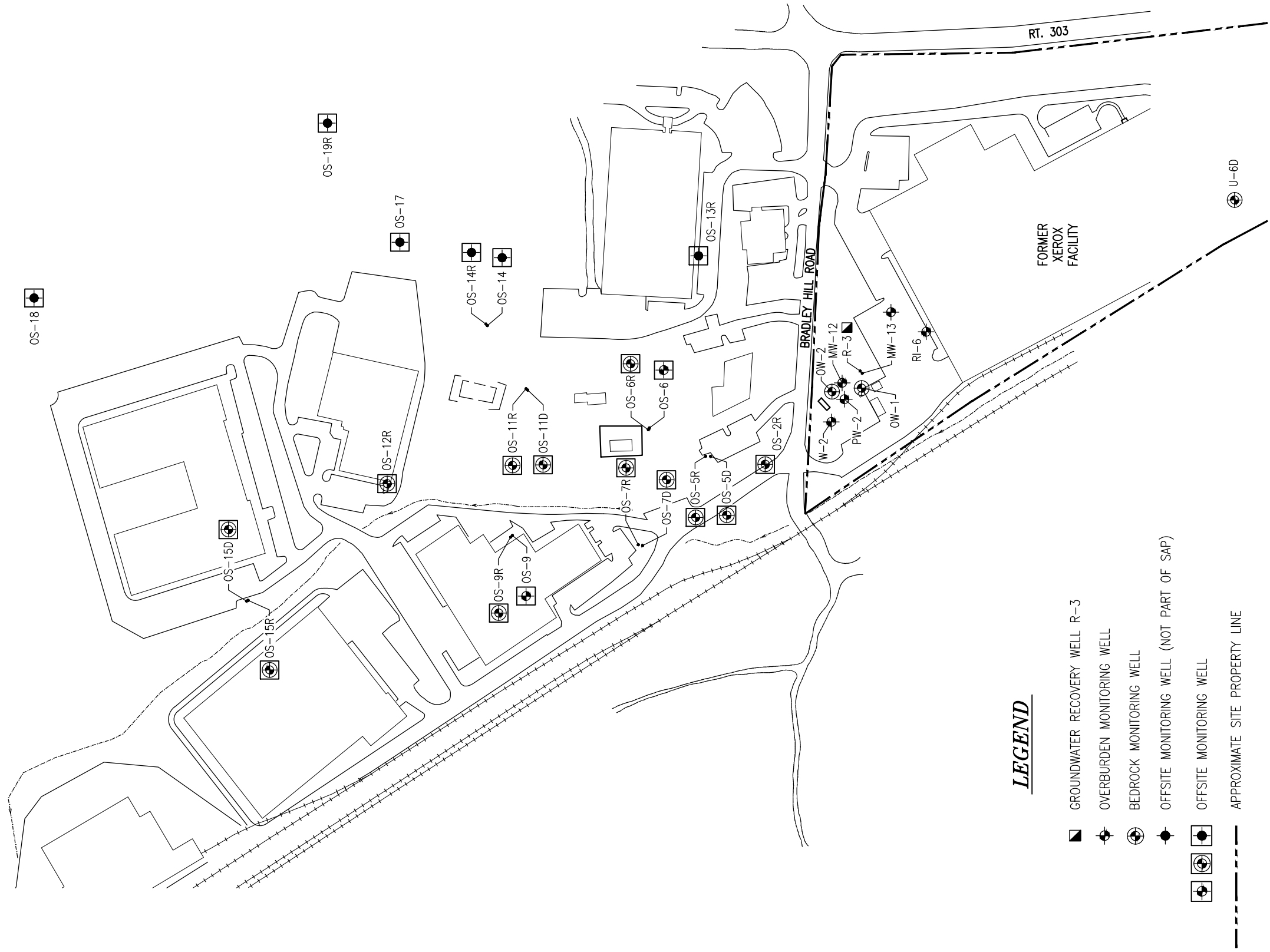
NOTES:

1. NA = Not Accessible.



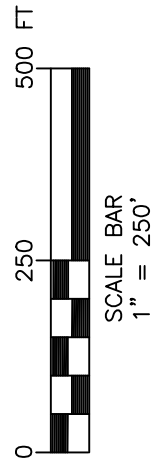
FIGURES

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\March 2020\March Figure 1.dwg



LEGEND

- GROUNDWATER RECOVERY WELL R-3
- OVERBURDEN MONITORING WELL
- BEDROCK MONITORING WELL
- OFFSITE MONITORING WELL (NOT PART OF SAP)
- OFFSITE MONITORING WELL
- APPROXIMATE SITE PROPERTY LINE



B BERGMANN
ARCHITECTS ENGINEERS PLANNERS

Bergmann Associates, Architects, Engineers,
Landscape Architects & Surveyors, D.P.C.
280 East Broad Street
Suite 200
Rochester, NY 14604

office: 585.232.5135
fax: 585.232.4652
www.bergmannpc.com

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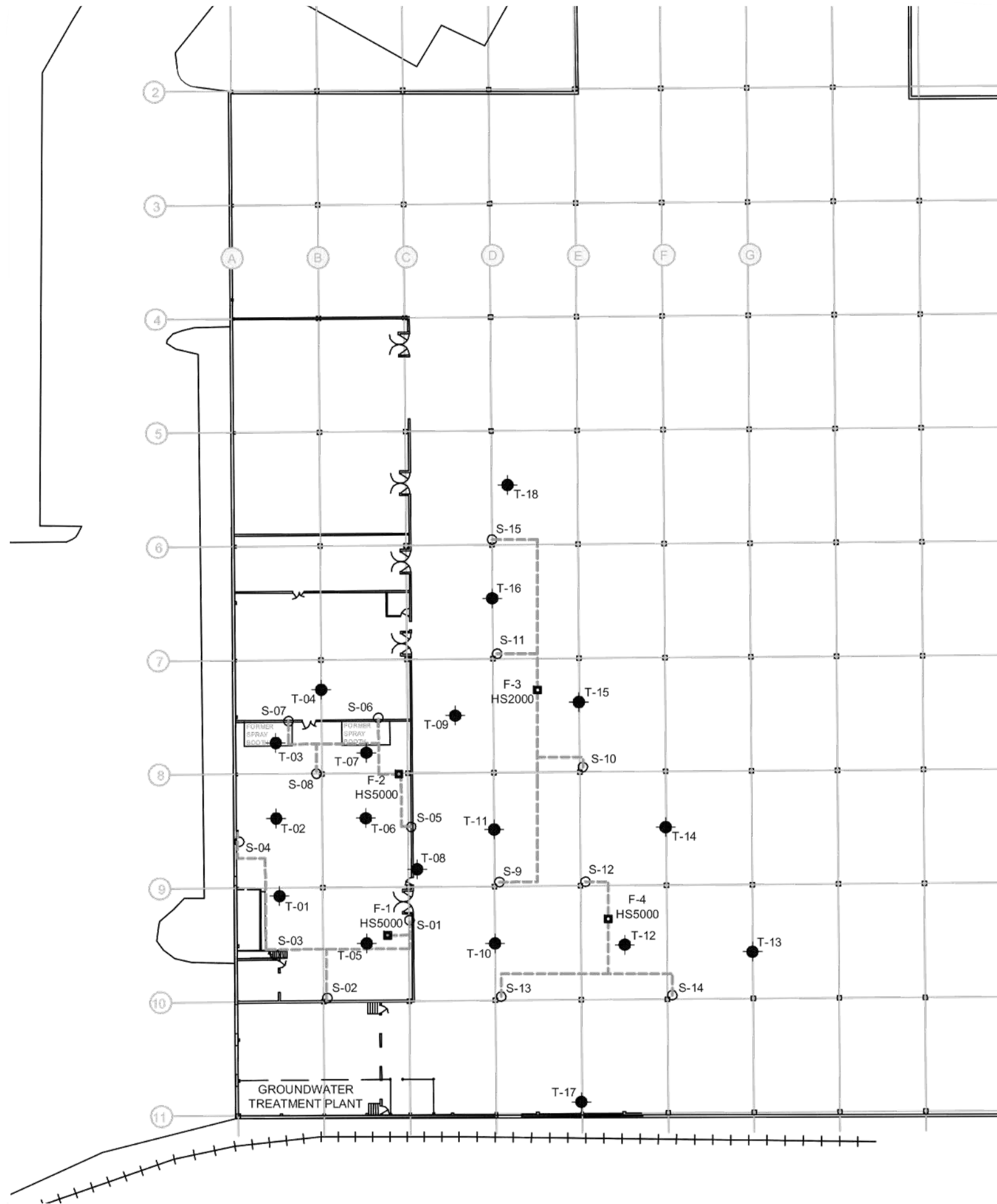
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Designed By:	Drawn By: C. WOOD
Date Issued: 02/22/2021	Scale: 1" = 250'
Project Number: 6173.15	

MONITORING WELL LOCATIONS

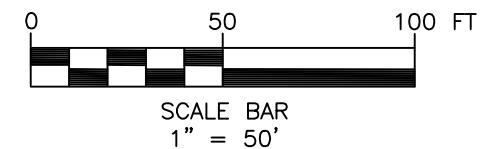
Drawing Number:
FIG-1

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\March 2020\March Figure 2.dwg



LEGEND

-  APPROXIMATE LOCATION OF SUB-SLAB DEPRESSURIZATION SUCTION POINTS
-  T-01 APPROXIMATE LOCATION OF SUB-SLAB DEPRESSURIZATION VACUUM MONITORING POINTS
-  APPROXIMATE LOCATION OF SUB-SLAB DEPRESSURIZATION SYSTEM PIPING



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Bergmann Associates, Architects, Engineers,
Landscape Architects & Surveyors, D.P.C.
280 East Broad Street
Suite 200
Rochester, NY 14604

office: 585.232.5135
fax: 585.232.4652

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**SUB-SLAB
DEPRESSURIZATION
SYSTEM SITE PLAN**

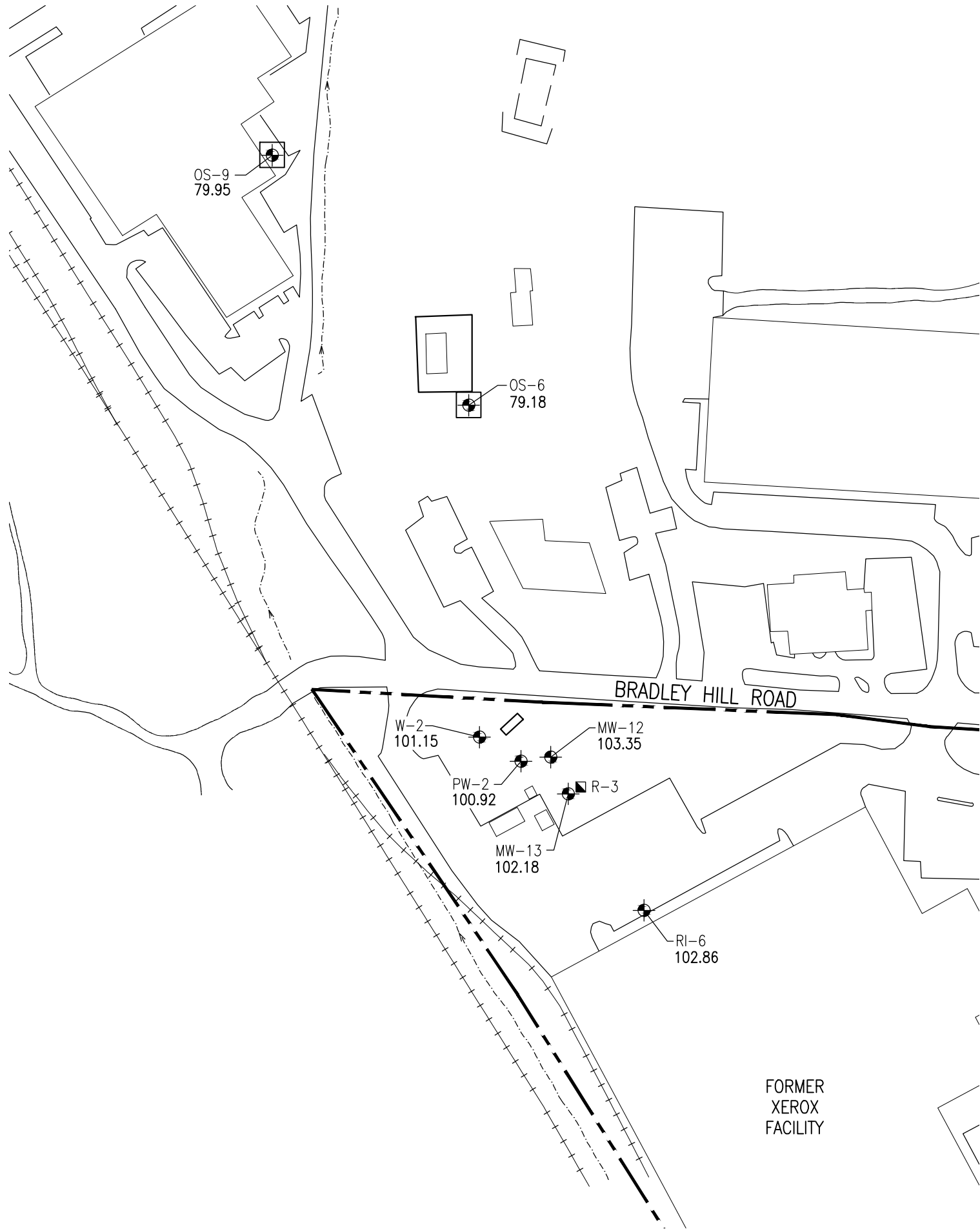
Drawing Number:

FIG-2



QUARTERLY FIGURES – MARCH 2020

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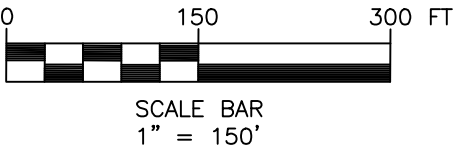


LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



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ARCHITECTS ENGINEERS PLANNERS

Bergmann Associates, Architects, Engineers,
Landscape Architects & Surveyors, D.P.C.
280 East Broad Street
Suite 200
Rochester, NY 14604
office: 585.232.5135
fax: 585.232.4652
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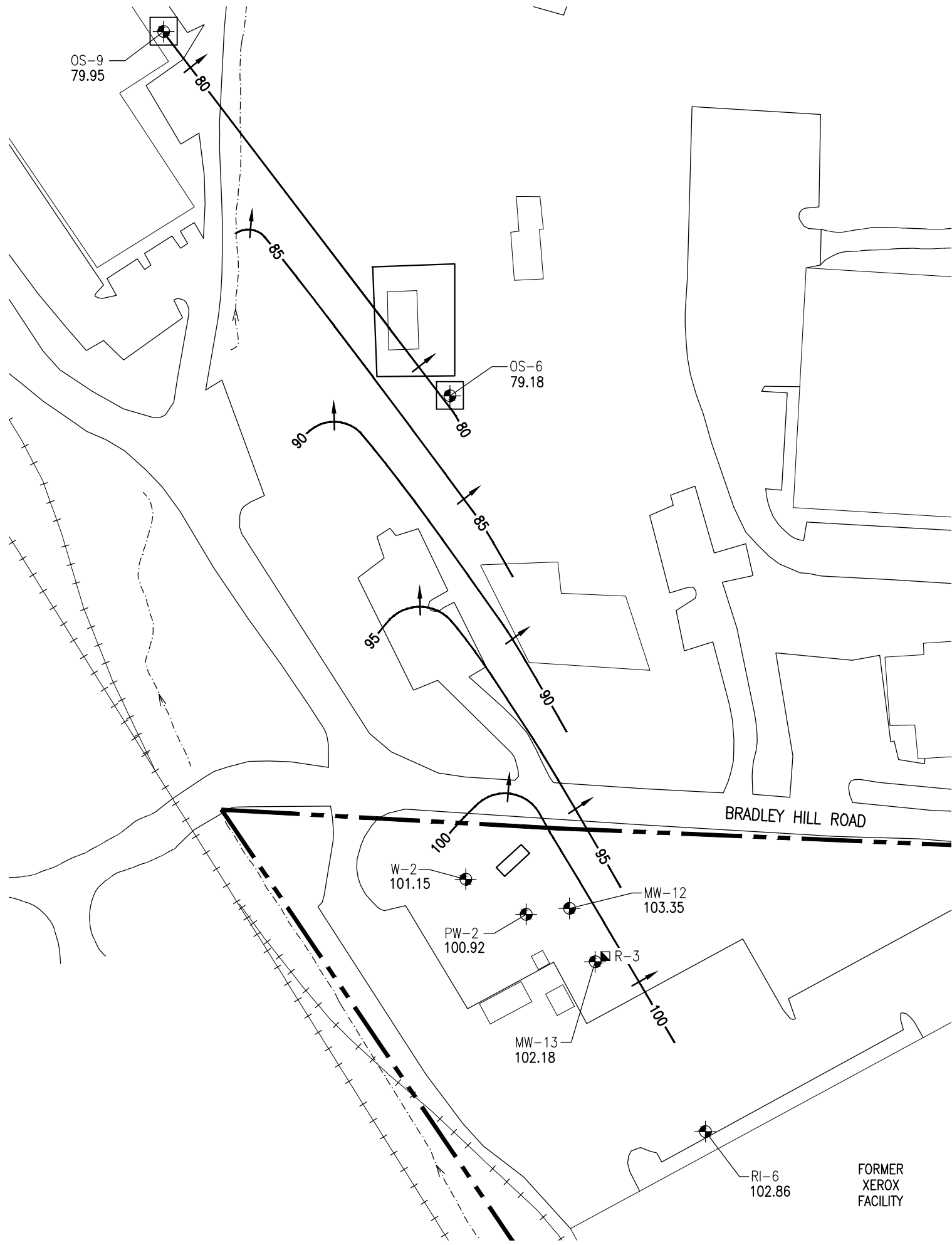
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**MARCH 9-10, 2020
ELEVATION
POSTING MAP
(OVERBURDEN)**

Drawing Number:
FIG-3A

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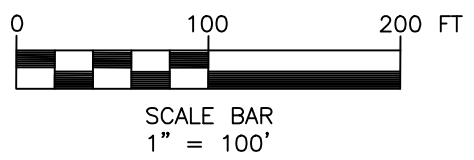


LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- GROUNDWATER TABLE CONTOUR, FEET, 5' INTERVAL
- GROUNDWATER FLOW DIRECTION

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



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Bergmann Associates, Architects, Engineers,
Landscape Architects & Surveyors, D.P.C.
280 East Broad Street
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Rochester, NY 14604

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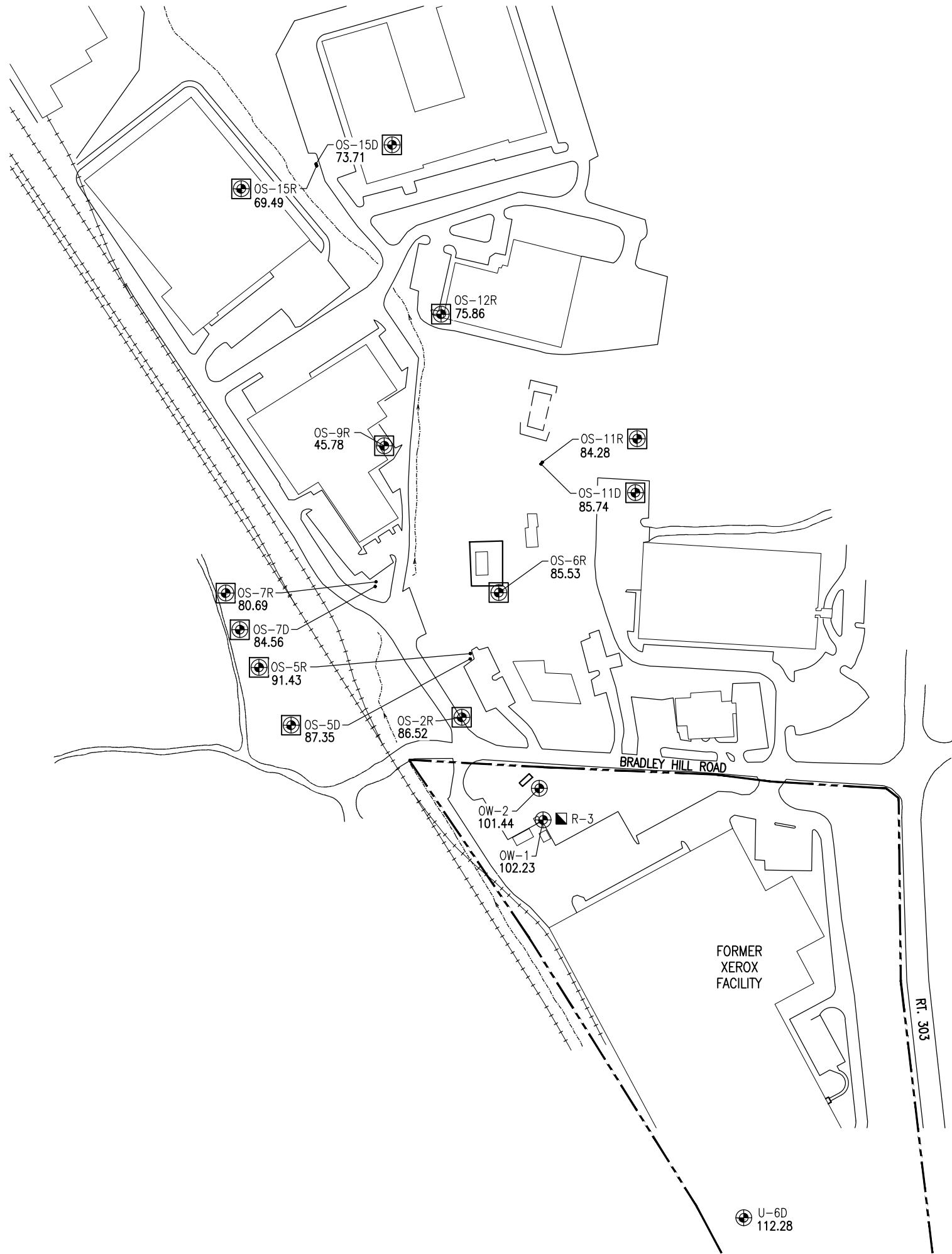
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Project Number: 6173.15	

**MARCH 9-10, 2020
WATER TABLE
MAP
(OVERBURDEN)**

Drawing Number:
FIG-3B

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\March 2020\March Figure 4A.dwg

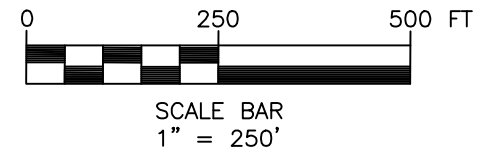


LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



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Designed By:	Drawn By: C. WOOD

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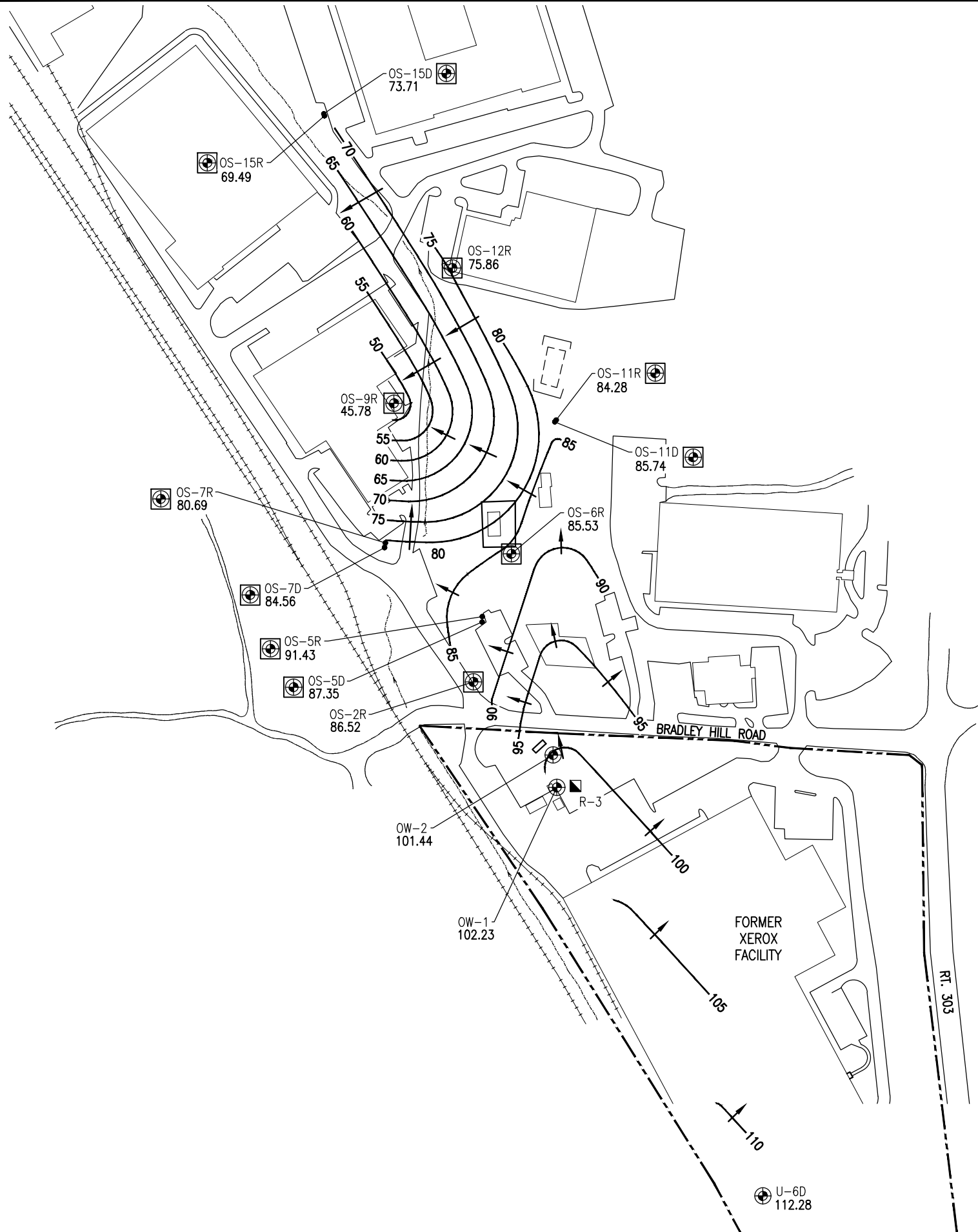
Project Number:
6173.15

MARCH 9-10, 2020 ELEVATION POSTING MAP (BEDROCK)

Drawing Number:

FIG-4A

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blaupelt\2020 Annual PRR Report-Blaupelt\Figures\March 2020\March Figure 4B.dwg



LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- GROUNDWATER TABLE CONTOUR, FEET, 5' INTERVAL
- GROUNDWATER FLOW DIRECTION

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



SCALE BAR
1" = 250'

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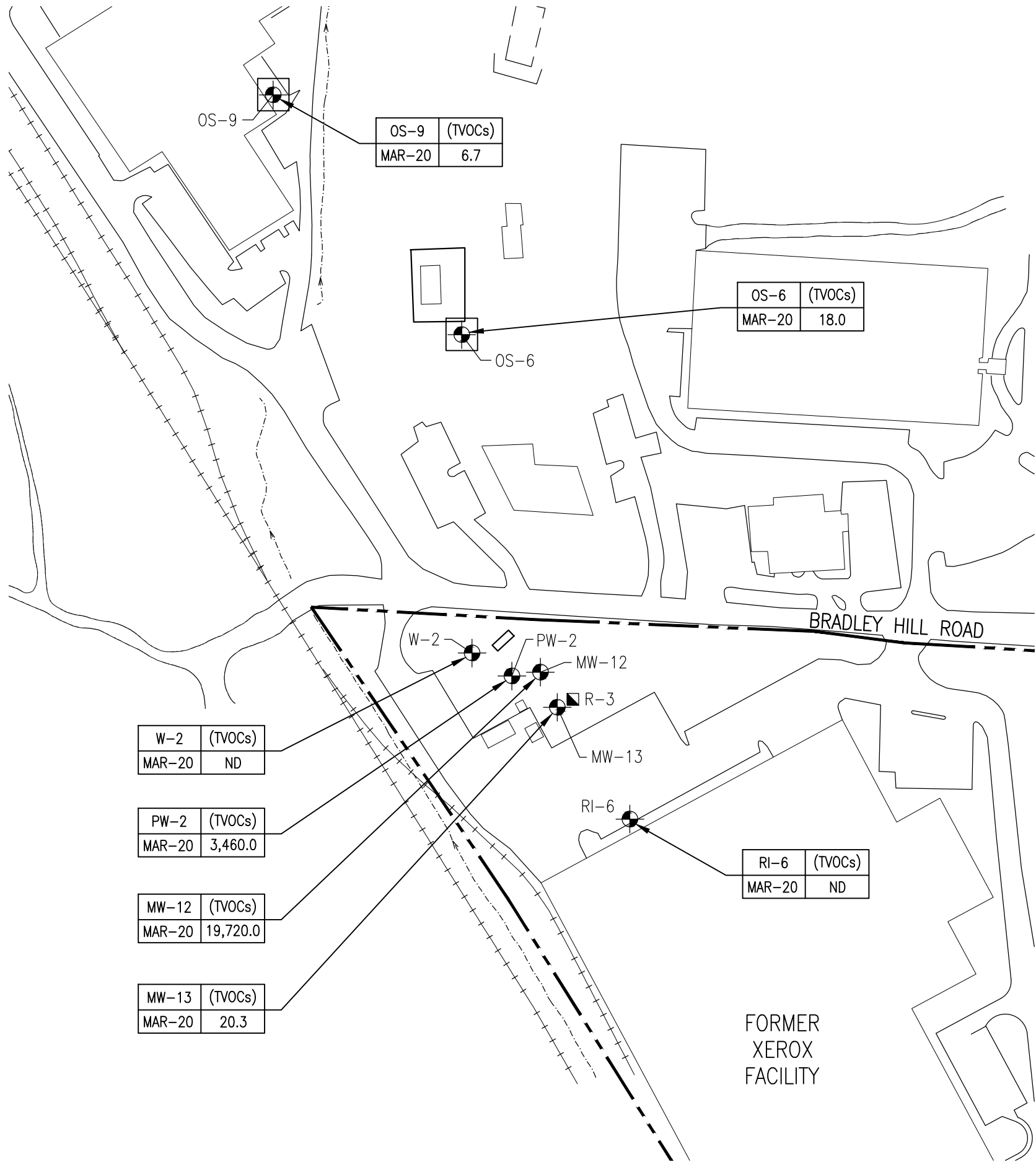
Project Number:
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**MARCH 9-10, 2020
WATER TABLE
MAP
(BEDROCK)**

Drawing Number:

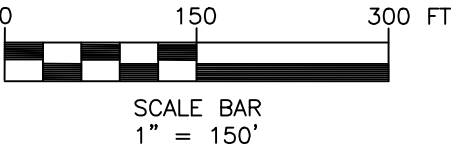
FIG-4B

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blauevt\2020 Annual PRR Report- Blauevt\Figures\March 2020\March Figure 5.dwg



LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- TVOCs: TOTAL VOLATILE ORGANIC COMPOUNDS DETECTED
ALL RESULTS EXPRESSED AS MICROGRAMS PER LITER (UG/L)=PPB



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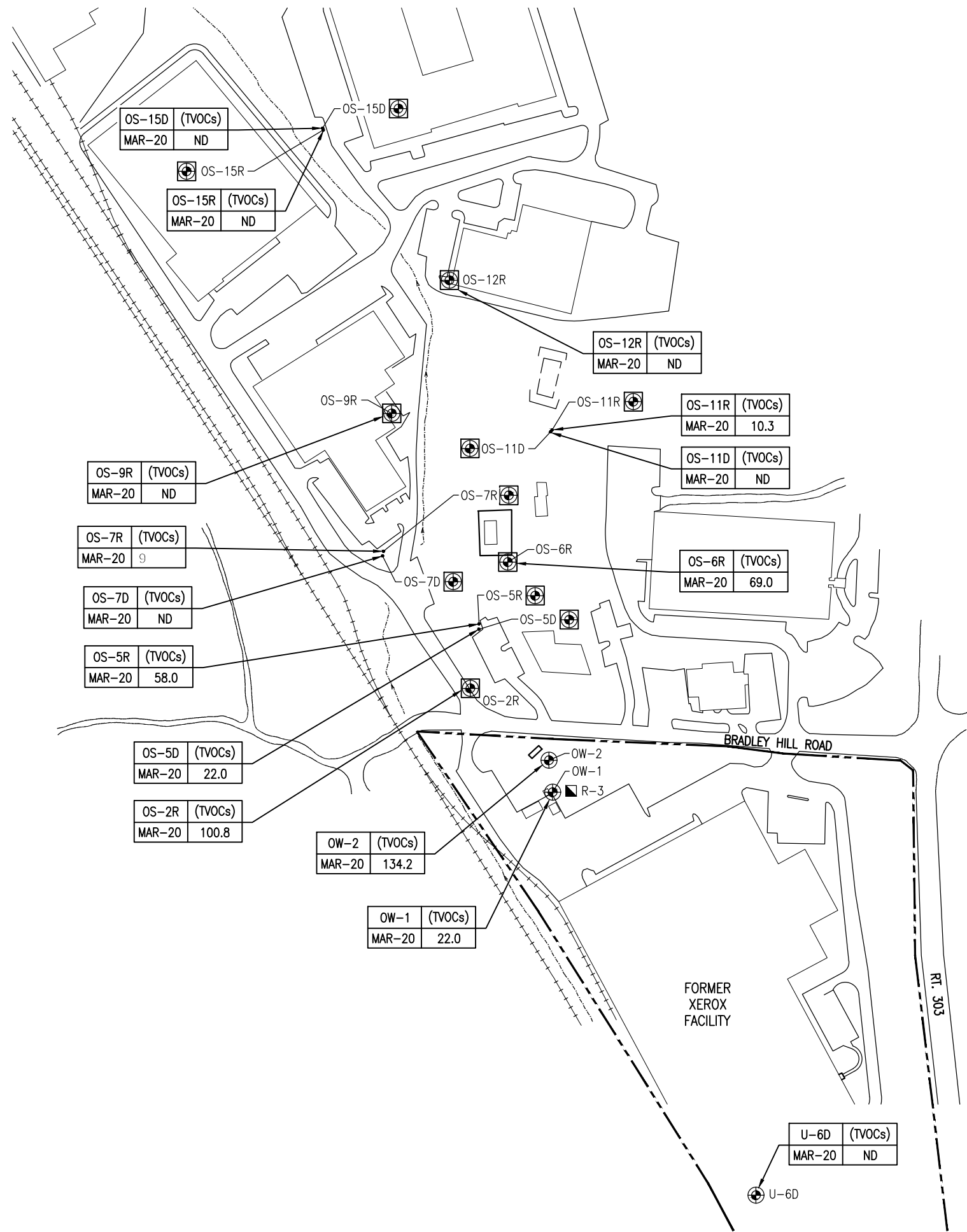
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Scale: 1" = 150'
Project Number: 6173.15

**MARCH 9-10, 2020
DISTRIBUTION OF
GROUNDWATER
ANALYTICAL RESULTS
IN MONITORING WELLS
(OVERBURDEN)**

FIG-5

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\March 2020\March Figure 6.dwg



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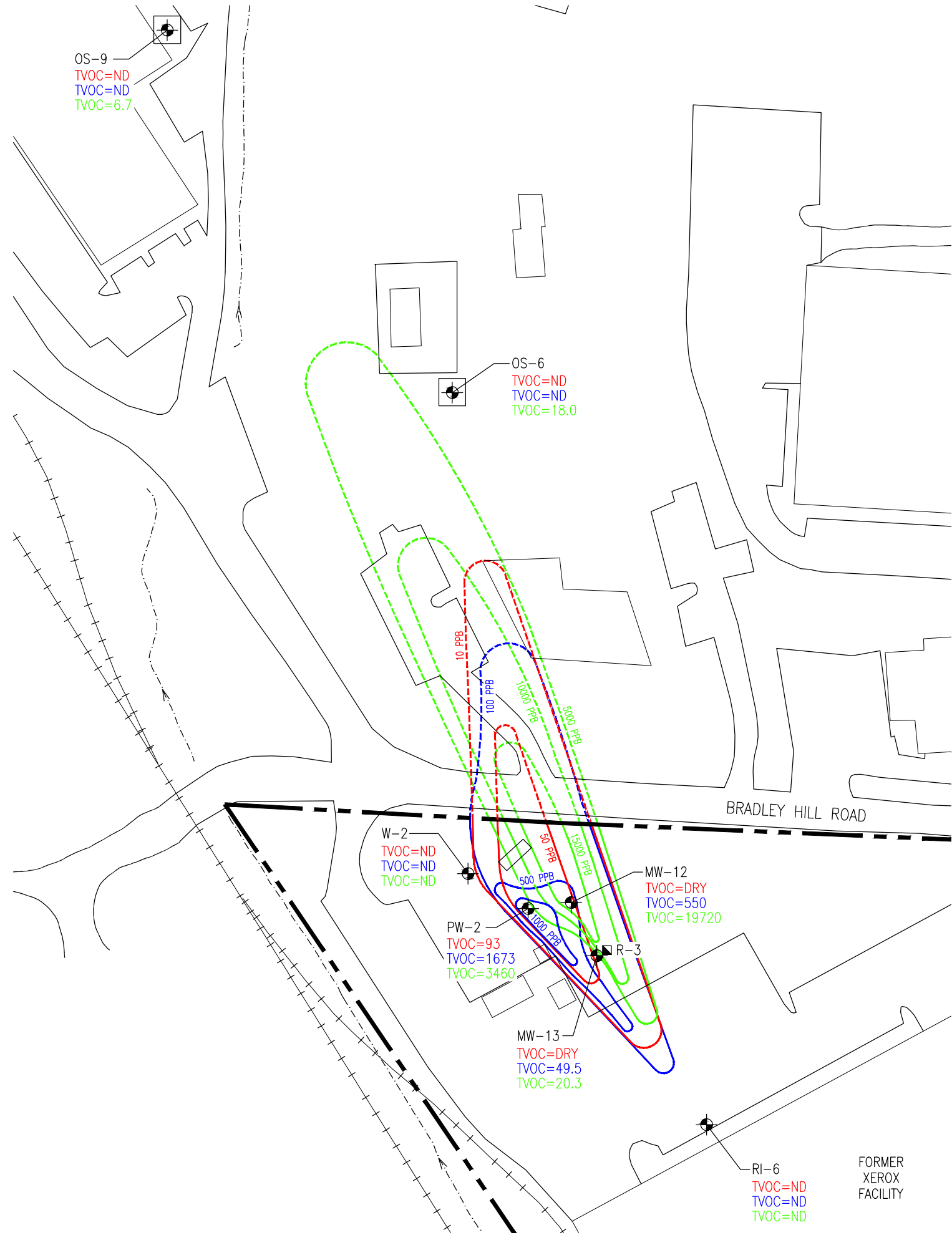
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Project Number: 6173.15	

MARCH 9-10, 2020 DISTRIBUTION OF GROUNDWATER ANALYTICAL RESULTS IN MONITORING WELLS (BEDROCK)

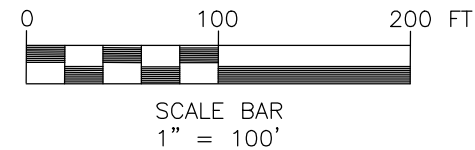
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FIG-6

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\Plume Comparison Map\Quarter 1\Figure 7 Quarter 1 Overburden VOC's.dwg



LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN MARCH 2018. 10 & 50 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN MARCH 2019. 100, 500 & 1,000 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN MARCH 2020. 5,000, 10,000 & 15,000 PPB INTERVALS SHOWN
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- ND NON DETECT
- TVOC=XXX TVOC'S (TOTAL VOLATILE ORGANIC COMPOUNDS). MICROGRAMS PER LITER (ug/L)=PPB IN GROUNDWATER



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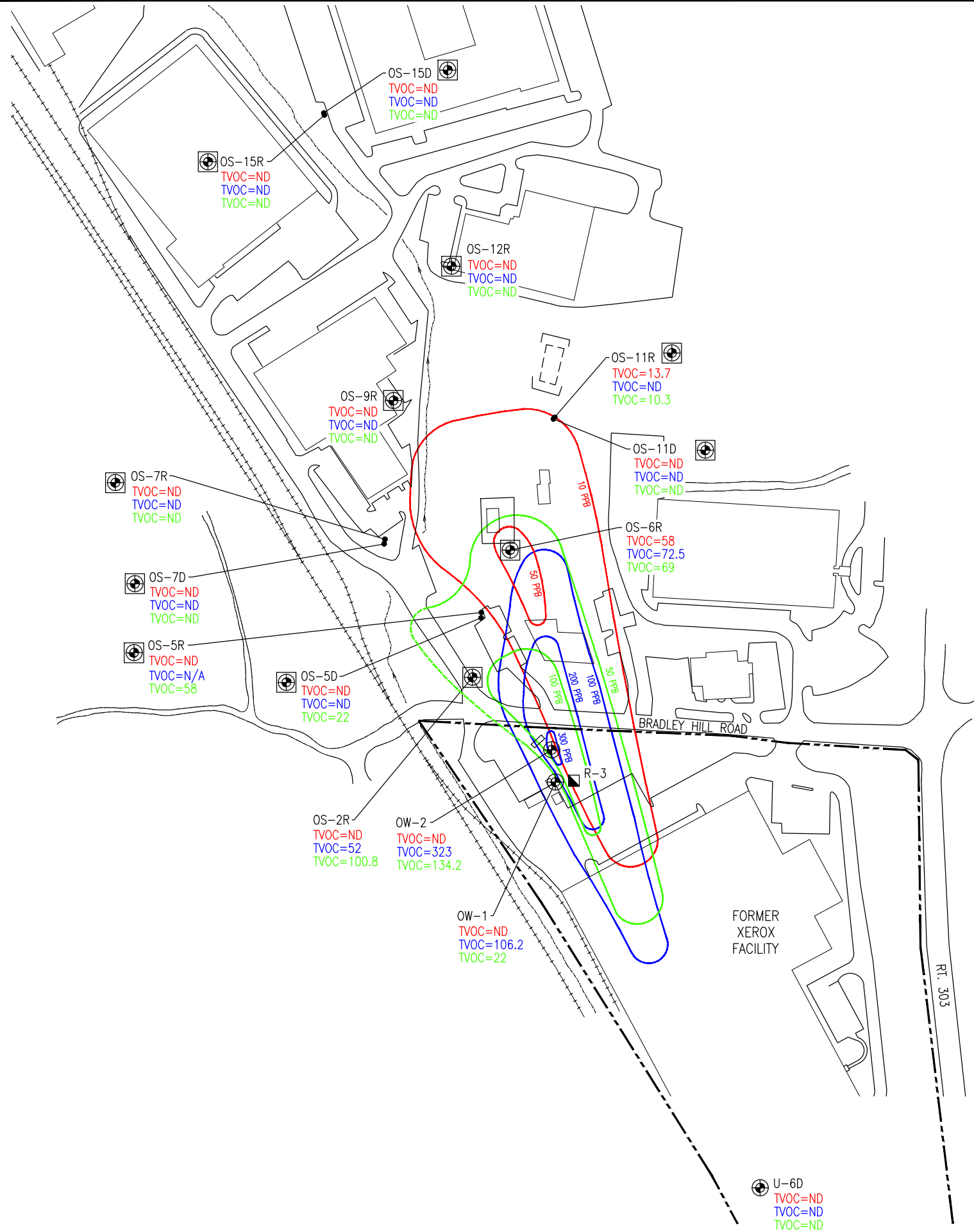
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Project Number: 6173.15

COMPARISON MAP
SHOWING SHALLOW
GROUNDWATER
PLUMES IN
MARCH 2018,
MARCH 2019 &
MARCH 2020
(OVERBURDEN)

Drawing Number:
FIG-7

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blauevelt\2020 Annual PRR Report- Blauevelt\Figures\Plume Comparison Map\Quarter 1\Figure 8 Quarter 1 Bedrock VOC's.dwg



LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN MARCH 2018. 10 & 50 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN MARCH 2019. 100, 200 & 300 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN MARCH 2020. 50 & 100 PPB INTERVALS SHOWN
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- ND NON DETECT
- N/A NO ACCESS
- TVOC=XXX TVOC'S (TOTAL VOLATILE ORGANIC COMPOUNDS). MICROGRAMS PER LITER (ug/L)=PPB IN GROUNDWATER



SCALE BAR
1" = 250'

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Project Number: 6173.15			

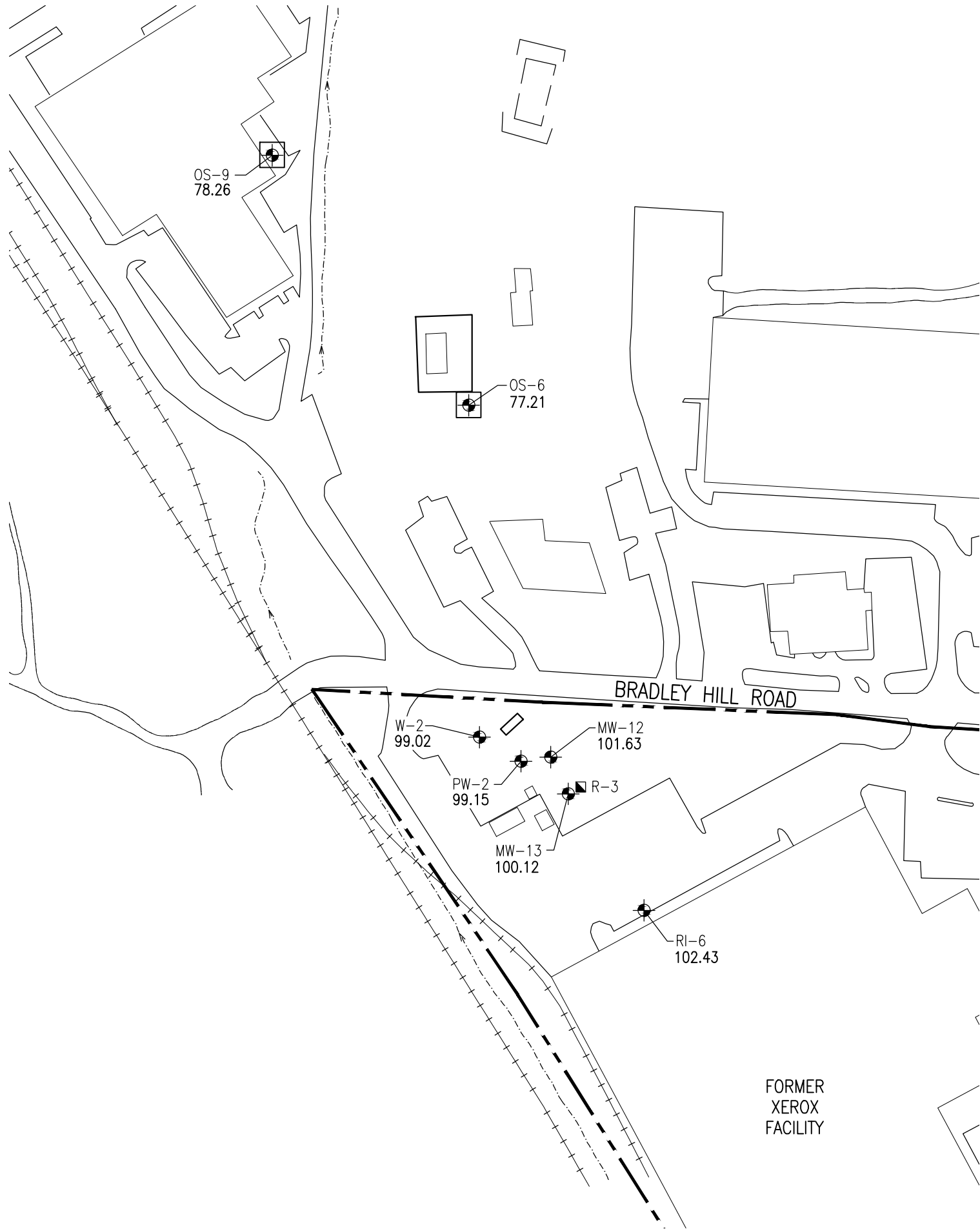
**COMPARISON MAP
SHOWING
GROUNDWATER
PLUMES IN
MARCH 2018,
MARCH 2019 &
MARCH 2020
(BEDROCK)**

Drawing Number:
FIG-8



QUARTERLY FIGURES – JUNE 2020

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauevt\2020 Annual PRR Report- Blauevt\Figures\June 2020\June Figure 3A.dwg

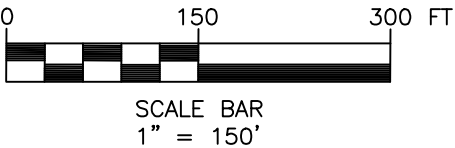


LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



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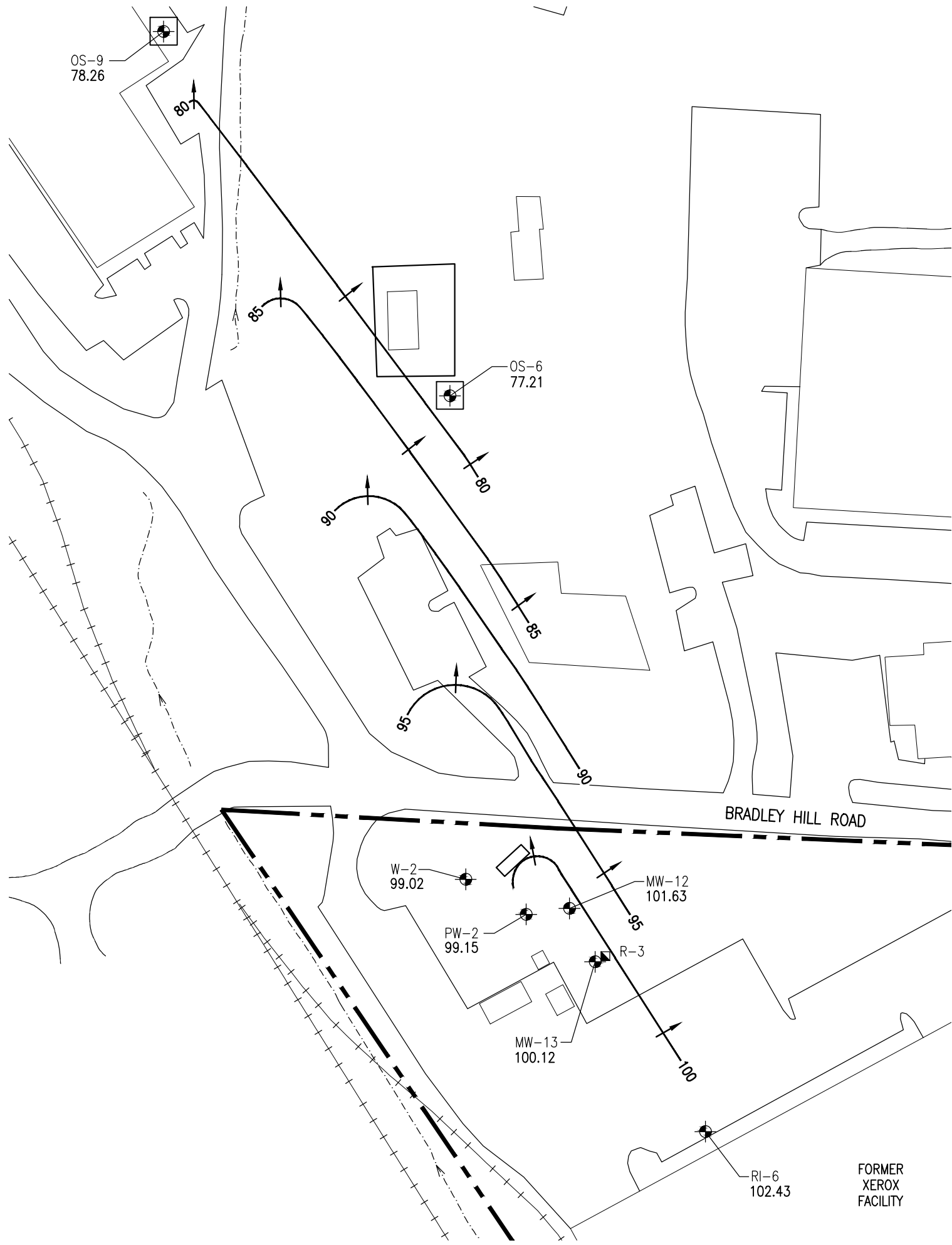
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Project Number: 6173.15	

**JUNE 22-23, 2020
ELEVATION
POSTING MAP
(OVERBURDEN)**

Drawing Number:
FIG-3A

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blaupelt\2020 Annual PRR Report- Blaupelt\Figures\June 2020\June Figure 3B.dwg

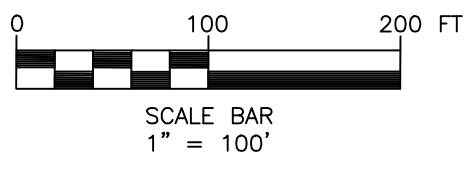


LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- GROUNDWATER TABLE CONTOUR, FEET, 5' INTERVAL
- GROUNDWATER FLOW DIRECTION

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



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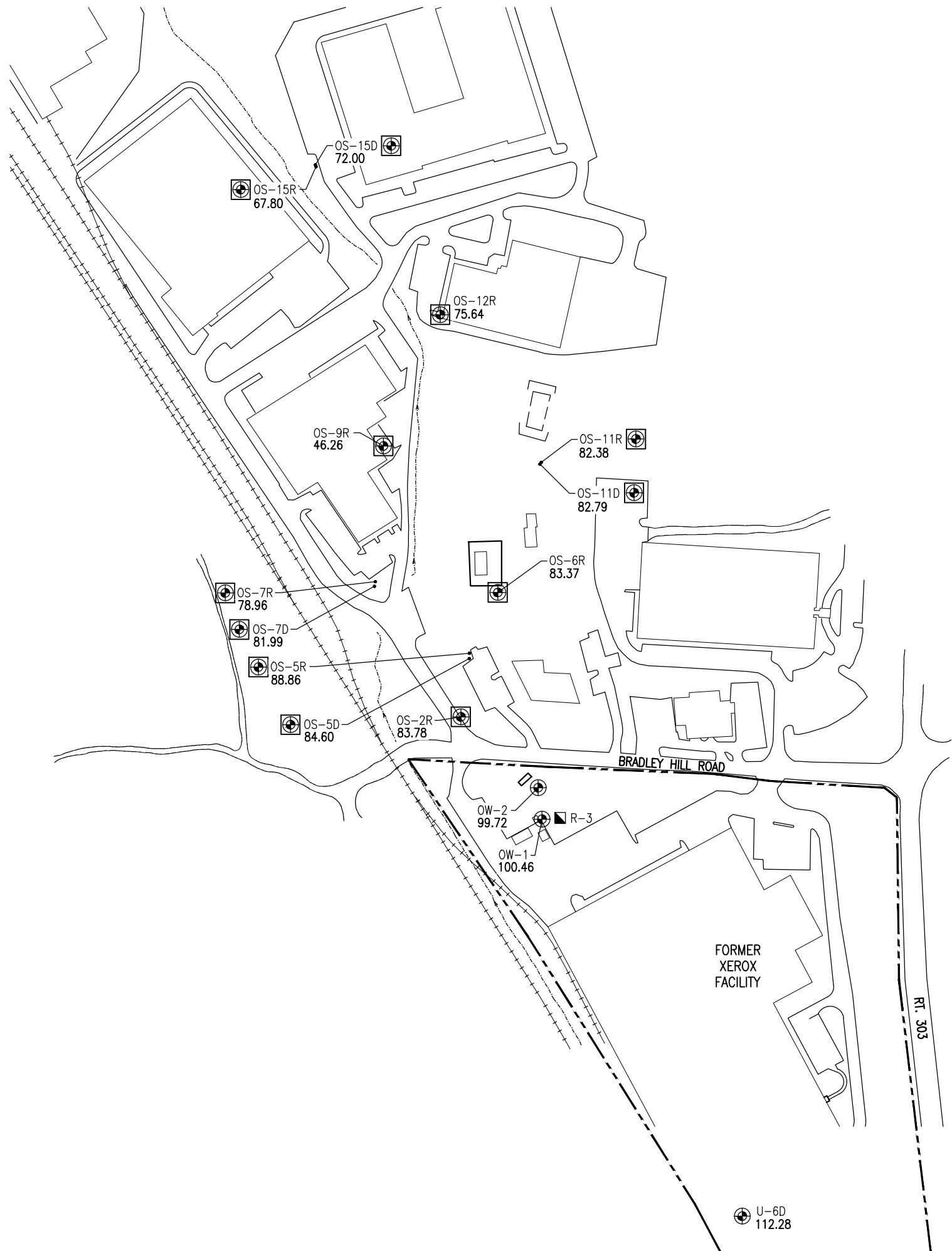
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Project Number: 6173.15
Checked By: S. FRANCIS
Drawn By: C. WOOD
Scale: 1" = 100'

**JUNE 22-23, 2020
WATER TABLE
MAP
(OVERBURDEN)**

Drawing Number:
FIG-3B

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauevt\2020 Annual PRR Report- Blauevt\Figures\June 2020\June Figure 4A.dwg

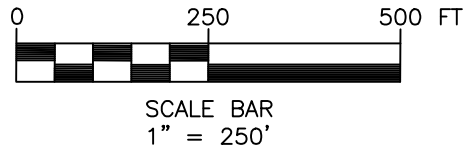


LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



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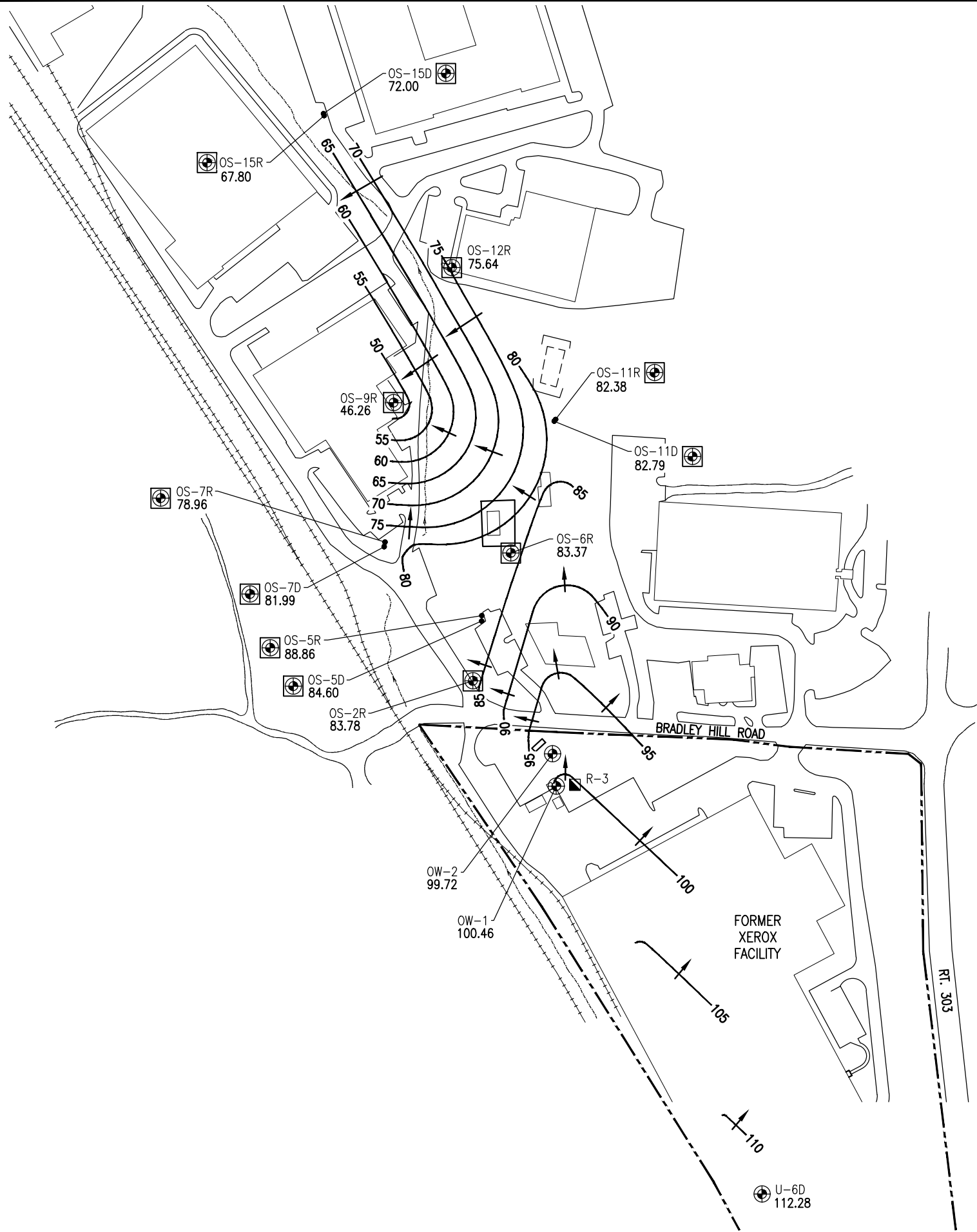
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Project Number: 6173.15	

**JUNE 22-23, 2020
ELEVATION
POSTING MAP
(BEDROCK)**

Drawing Number:
FIG-4A

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauevt\2020 Annual PRR Report-Blauevt\Figures\June 2020\June Figure 4B.dwg



LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- GROUNDWATER TABLE CONTOUR, FEET, 5' INTERVAL
- GROUNDWATER FLOW DIRECTION

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



SCALE BAR
1" = 250'

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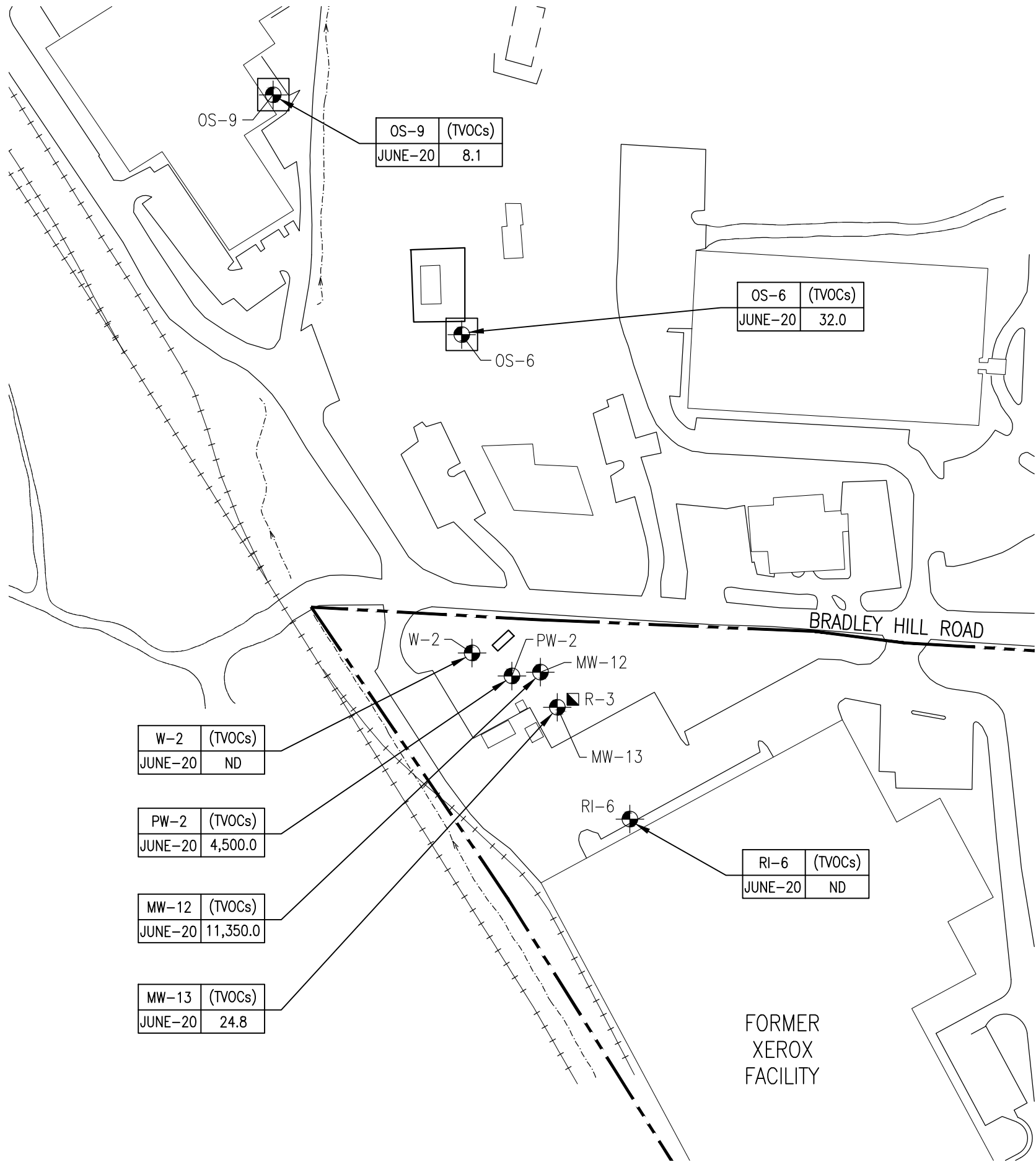
Project Number: 6173.15

**JUNE 22-23, 2020
WATER TABLE
MAP
(BEDROCK)**

Drawing Number:

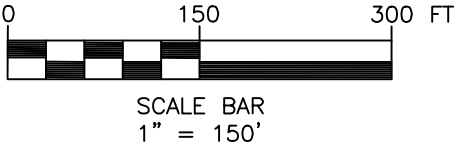
FIG-4B

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blauevt\2020 Annual PRR Report- Blauevt\Figures\June 2020\June Figure 5.dwg



LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- TVOCs
TOTAL VOLATILE ORGANIC COMPOUNDS DETECTED
ALL RESULTS EXPRESSED AS
MICROGRAMS PER LITER (UG/L)=PPB



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Project Number:
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S. FRANCIS

Drawn By:
C. WOOD

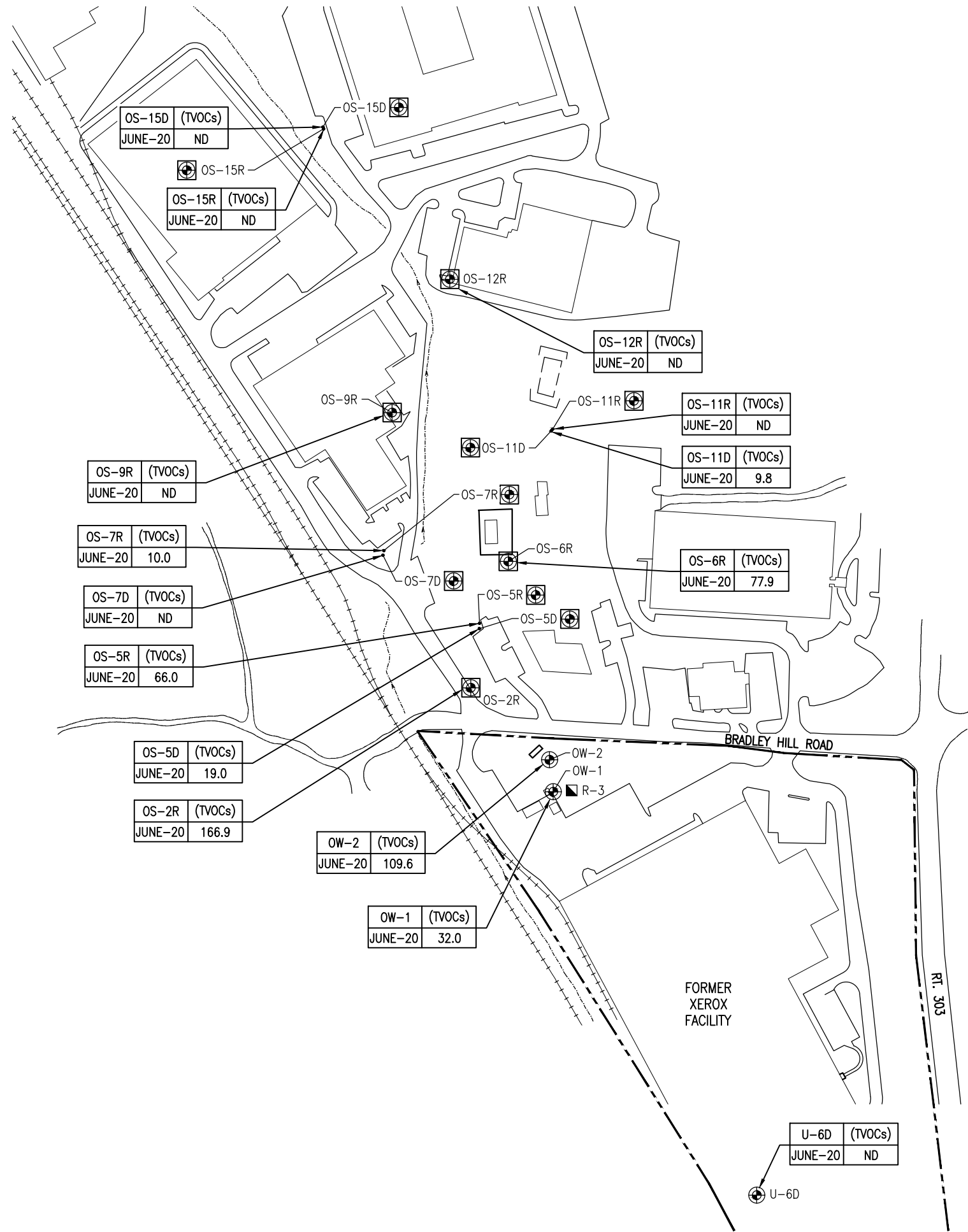
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**JUNE 22-23, 2020
DISTRIBUTION OF
GROUNDWATER
ANALYTICAL RESULTS
IN MONITORING WELLS
(OVERBURDEN)**

Drawing Number:

FIG-5

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blaupunkt\2020 Annual PRR Report- Blauvelt\Figures\June 2020\June Figure 6.dwg



LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3

APPROXIMATE SITE PROPERTY LINE

TVOCs TOTAL VOLATILE ORGANIC COMPOUNDS DETECTED
ALL RESULTS EXPRESSED AS
MICROGRAMS PER LITER (UG/L)=PPB

N/A NO ACCESS TO WELL, NO SAMPLE



SCALE BAR
1" = 250'

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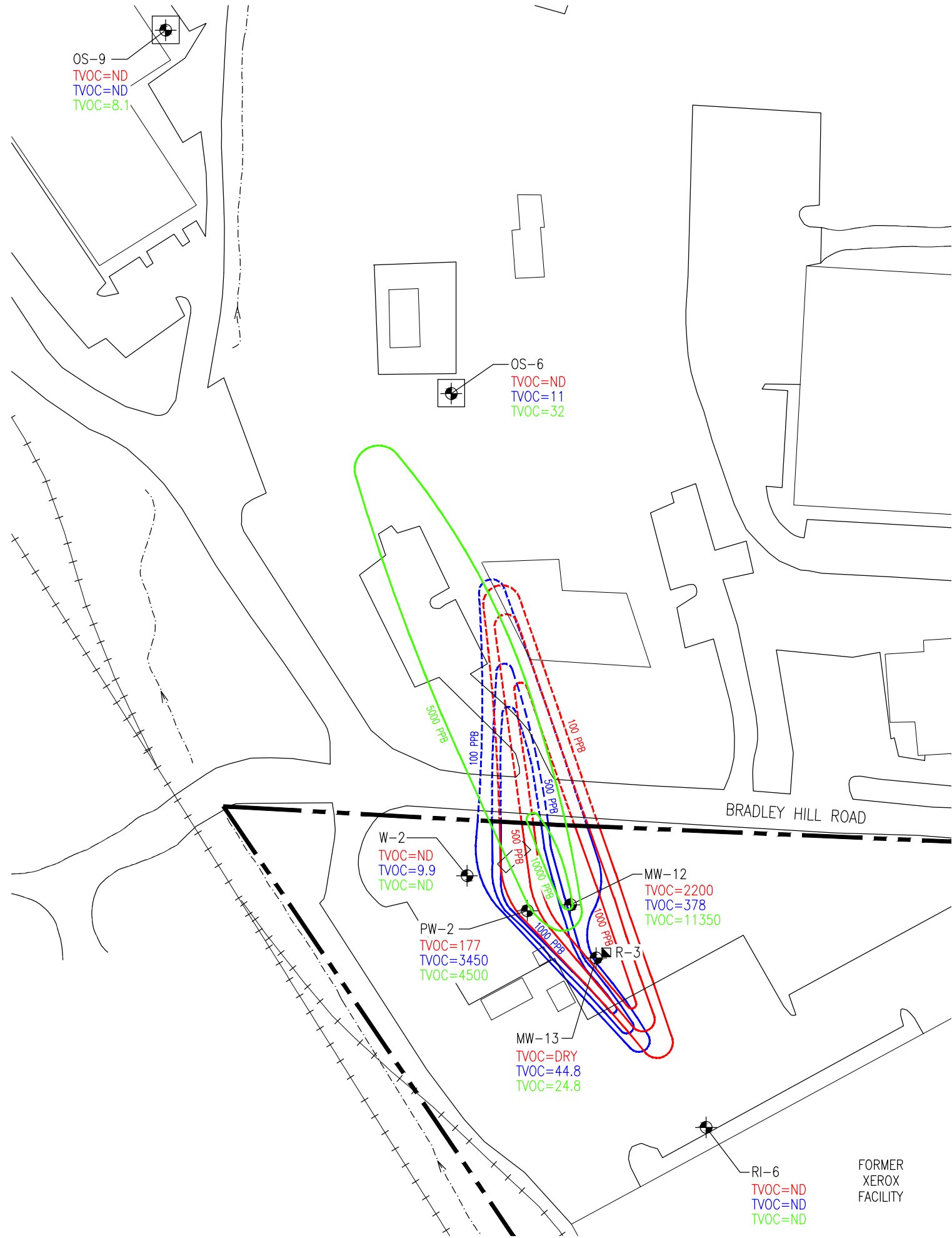
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**JUNE 22-23, 2020
DISTRIBUTION OF
GROUNDWATER
ANALYTICAL RESULTS
IN MONITORING WELLS
(BEDROCK)**

Drawing Number:

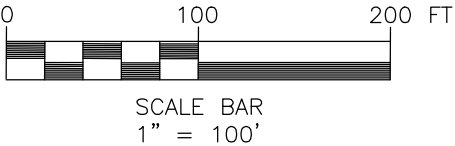
FIG-6

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\Plume Comparison Map\Quarter 2 Overburden VOC's.dwg



LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **JULY 2018**. 100, 500 & 1000 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **JUNE 2019**. 100, 500 & 1,000 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **JUNE 2020**. 5,000 & 10,000 PPB INTERVALS SHOWN
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- ND NON DETECT
- TVOC=XXX TVOC'S (TOTAL VOLATILE ORGANIC COMPOUNDS). MICROGRAMS PER LITER (ug/L)=PPB IN GROUNDWATER



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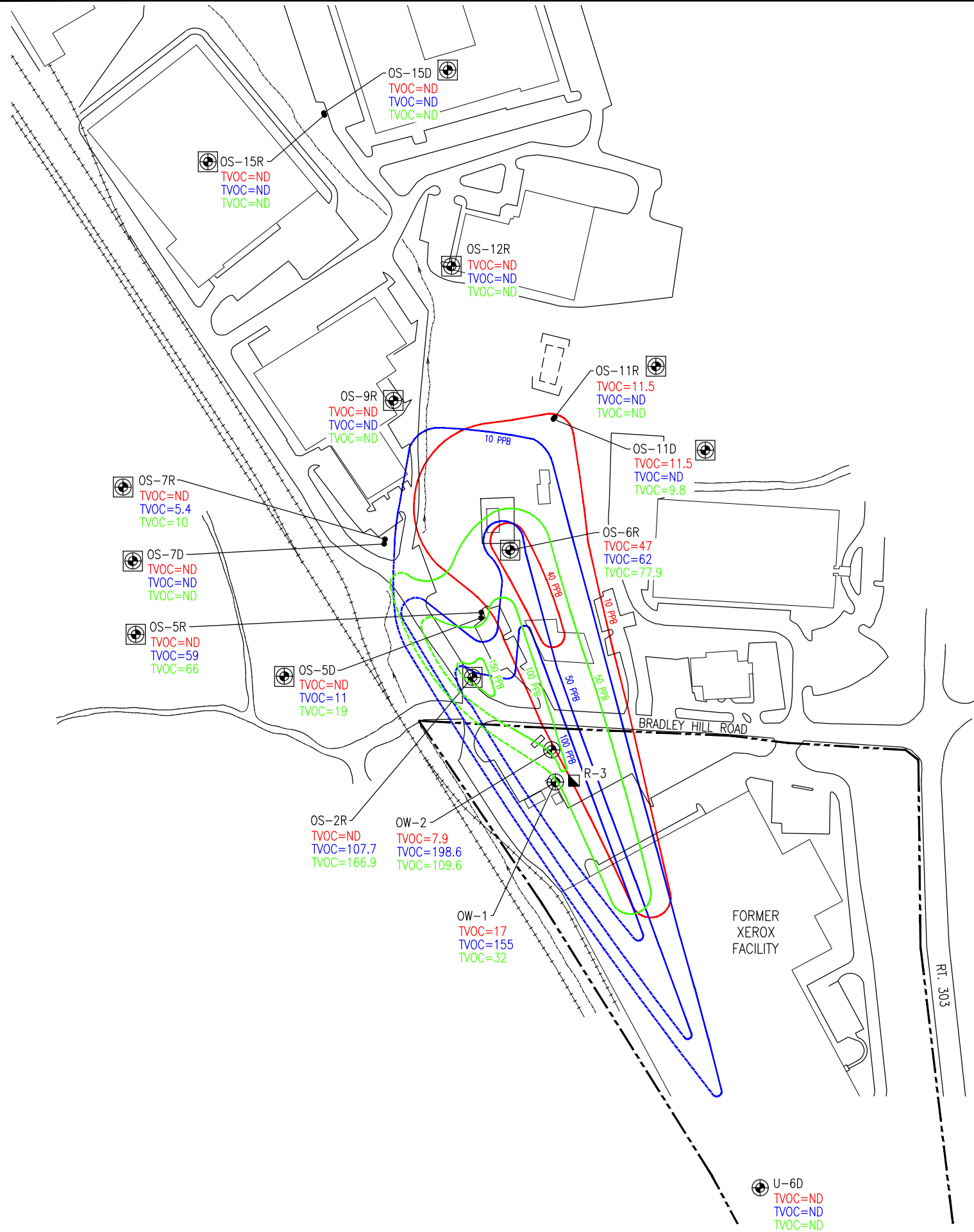
Project Manager: A. CHEREMETEFF	Checked By: S. FRANCIS
Date Issued: 02/22/2021	Drawn By: C. WOOD
Project Number: 6173.15	Scale: 1" = 100'

**COMPARISON MAP
SHOWING SHALLOW
GROUNDWATER
PLUMES IN
JULY 2018,
JUNE 2019 &
JUNE 2020
(OVERBURDEN)**

Drawing Number:

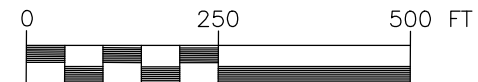
FIG-7

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blauvelt\Figures\Plume Comparison Map\Quarter 2\Figure 8 Quarter 2 Bedrock VOC's.dwg



LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **JULY 2018**. 10 & 40 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **JUNE 2019**. 10 & 50 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **JUNE 2020**. 50, 100 & 150 PPB INTERVALS SHOWN
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- ND NON DETECT
- TVOC=XXX TVOC'S (TOTAL VOLATILE ORGANIC COMPOUNDS). MICROGRAMS PER LITER (ug/L)=PPB IN GROUNDWATER



SCALE BAR
1" = 250'

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Project Number: 6173.15	

**COMPARISON MAP
SHOWING
GROUNDWATER
PLUMES IN
JULY 2018,
JUNE 2019 &
JUNE 2020
(BEDROCK)**

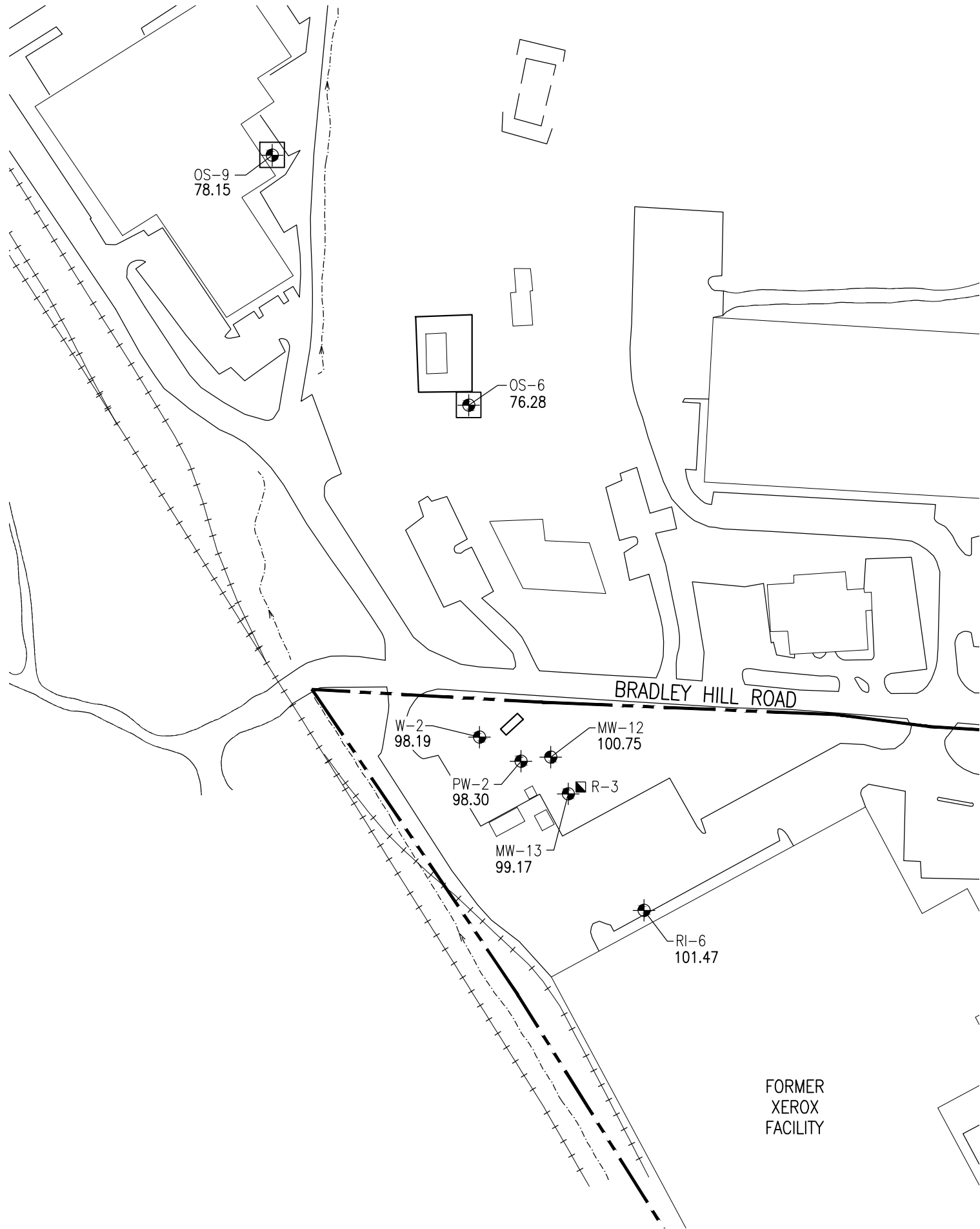
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FIG-8



QUARTERLY FIGURES – SEPTEMBER 2020

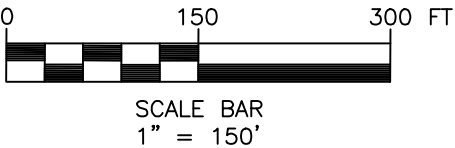
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LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE

NOTE:
NUMBERS REFER TO GROUNDWATER ELEVATION



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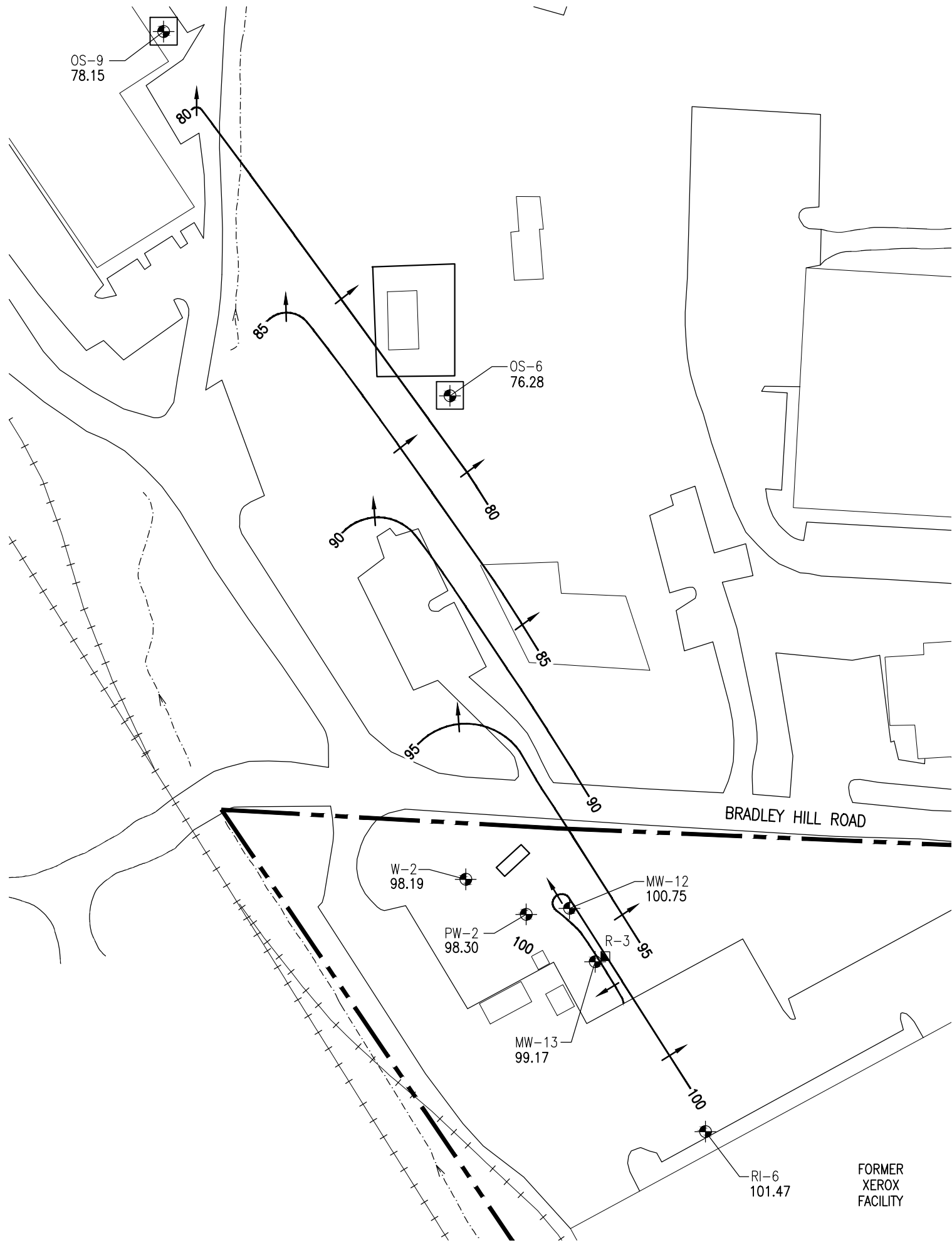
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Drawn By: C. WOOD
Scale: 1" = 150'

SEPTEMBER 2-3, 2020
ELEVATION
POSTING MAP
(OVERBURDEN)

Drawing Number:
FIG-3A

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blaupelt\2020 Annual PRR Report- Blaupelt\Figures\September 2020\September Figure 3B.dwg

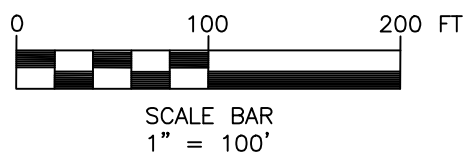


LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- GROUNDWATER TABLE CONTOUR, FEET, 5' INTERVAL
- GROUNDWATER FLOW DIRECTION

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



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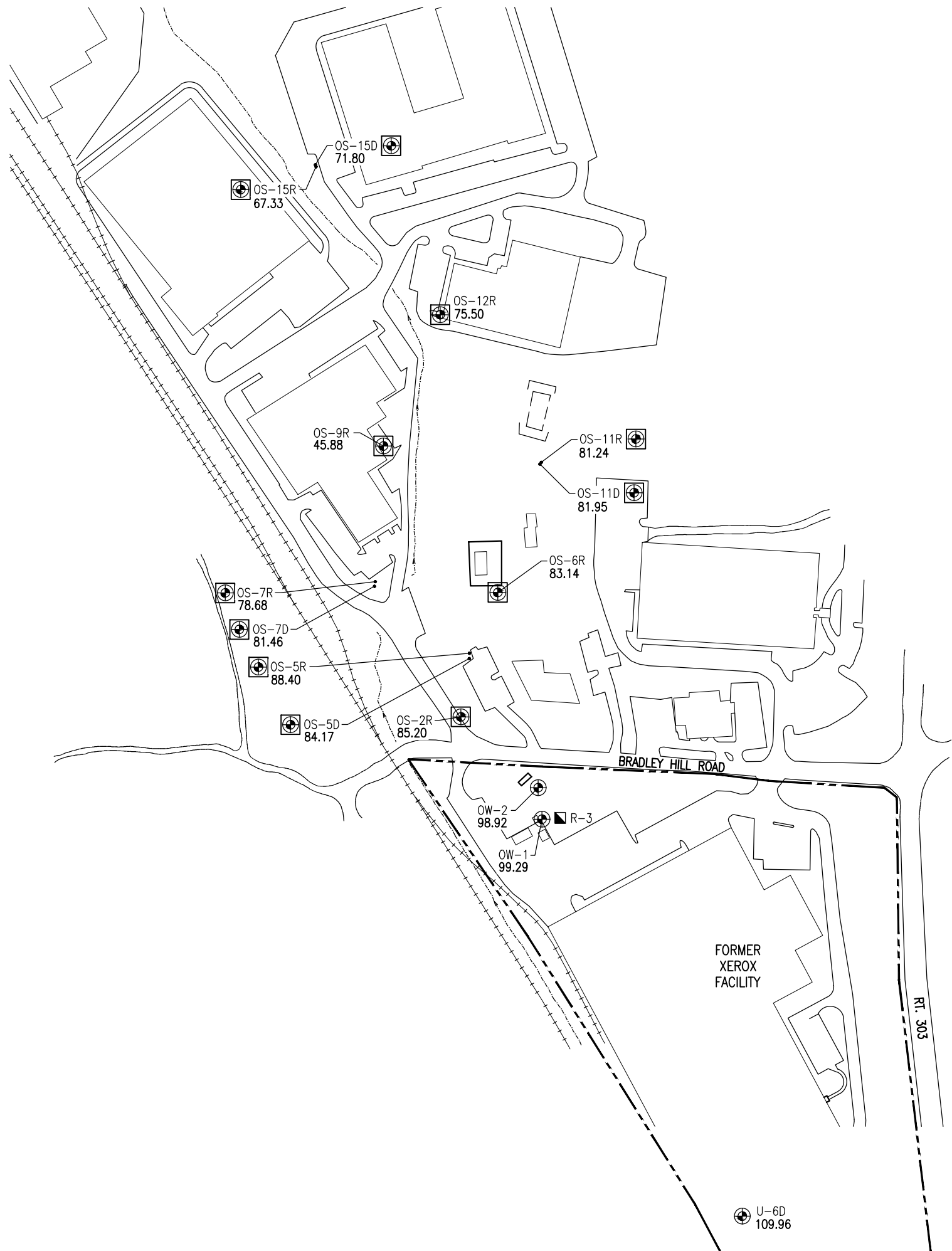
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Project Number: 6173.15	

**SEPTEMBER 2-3, 2020
WATER TABLE
MAP
(OVERBURDEN)**

Drawing Number:
FIG-3B

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\September 2020\September Figure 4A.dwg



LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3

APPROXIMATE SITE PROPERTY LINE

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



SCALE BAR
1" = 250'

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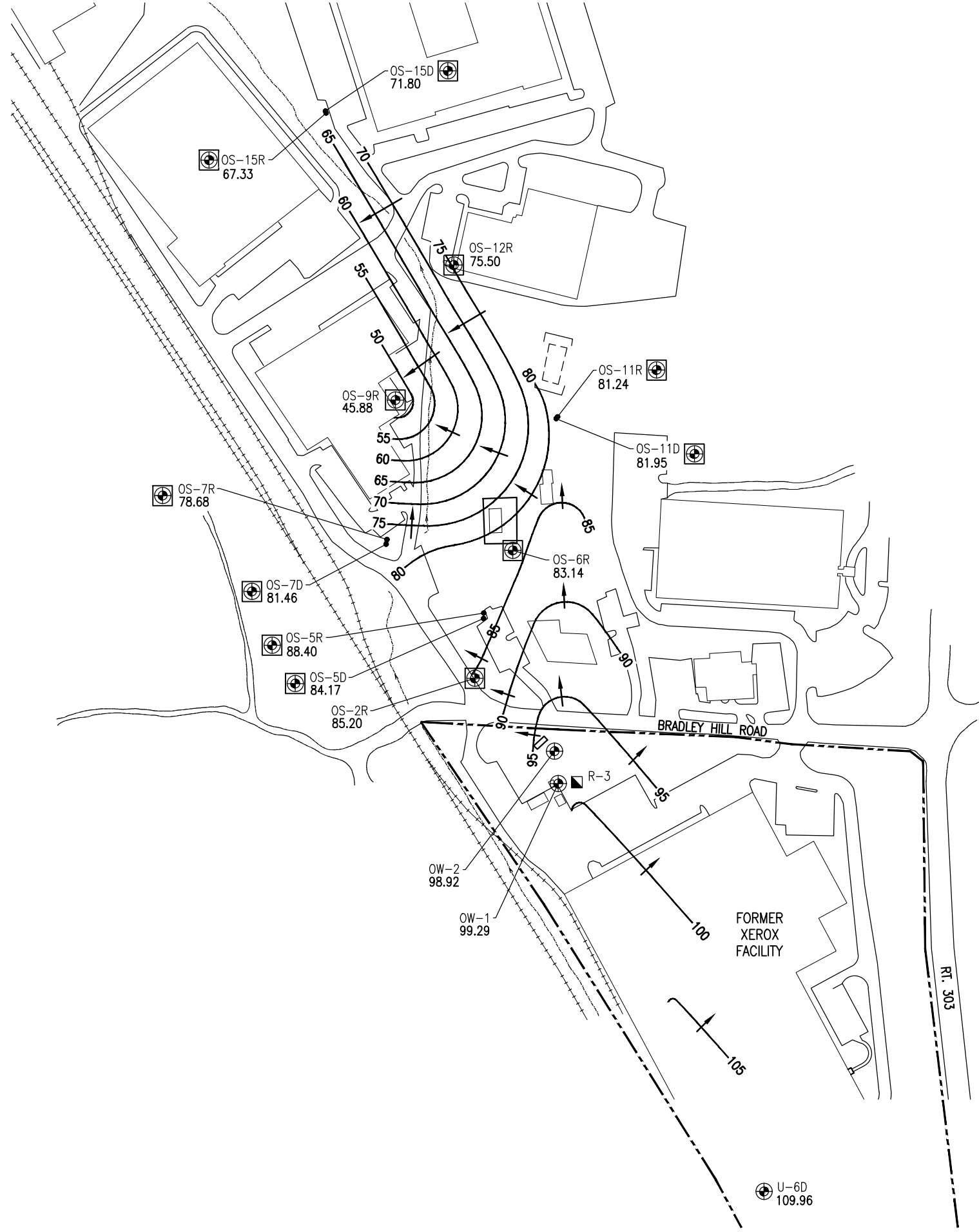
Project Number:
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SEPTEMBER 2-3, 2020 ELEVATION POSTING MAP (BEDROCK)

Drawing Number:

FIG-4A

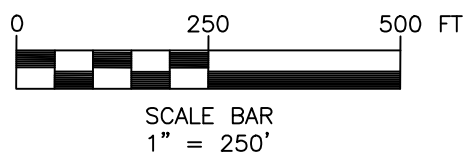
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LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- GROUNDWATER TABLE CONTOUR, FEET, 5' INTERVAL
- GROUNDWATER FLOW DIRECTION

NOTE:
NUMBERS REFER TO GROUNDWATER ELEVATION



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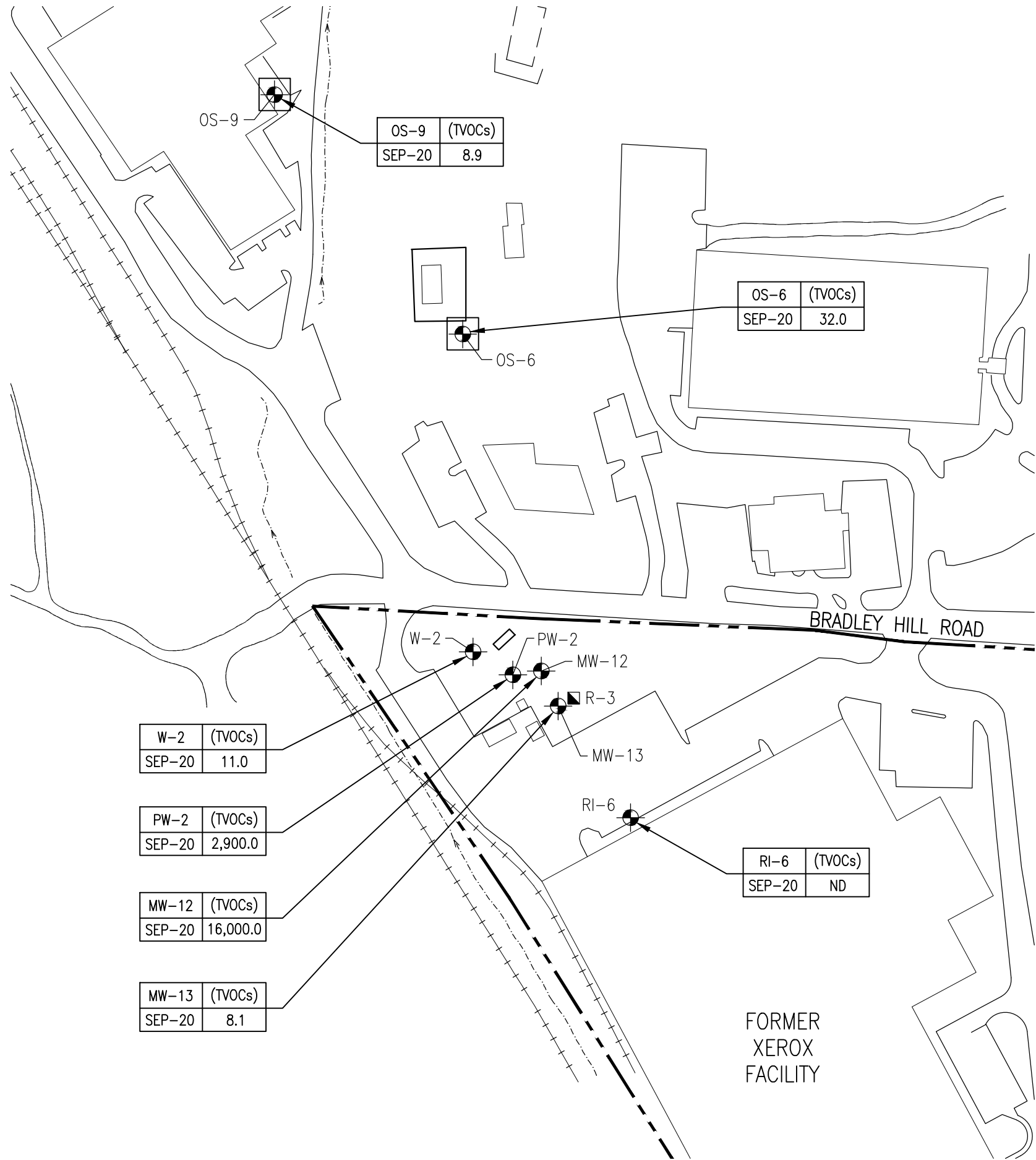
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Drawn By: C. WOOD
Date Issued: 02/22/2021
Scale: 1" = 250'
Project Number: 6173.15

**SEPTEMBER 2-3, 2020
WATER TABLE
MAP
(BEDROCK)**

Drawing Number:
FIG-4B

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\September 2020\September Figure 5.dwg



LEGEND

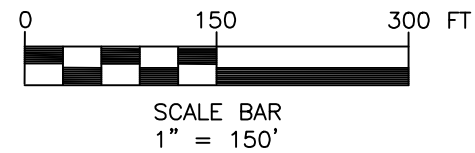
ON-SITE OVERBURDEN MONITORING WELL

OFF-SITE OVERBURDEN MONITORING WELL

GROUNDWATER RECOVERY WELL R-3

APPROXIMATE SITE PROPERTY LINE

TVOCs
TOTAL VOLATILE ORGANIC COMPOUNDS DETECTED
ALL RESULTS EXPRESSED AS
MICROGRAMS PER LITER (UG/L)=PPB



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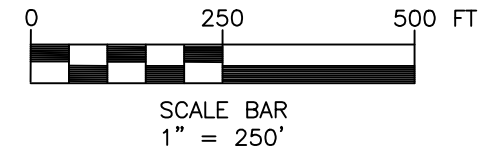
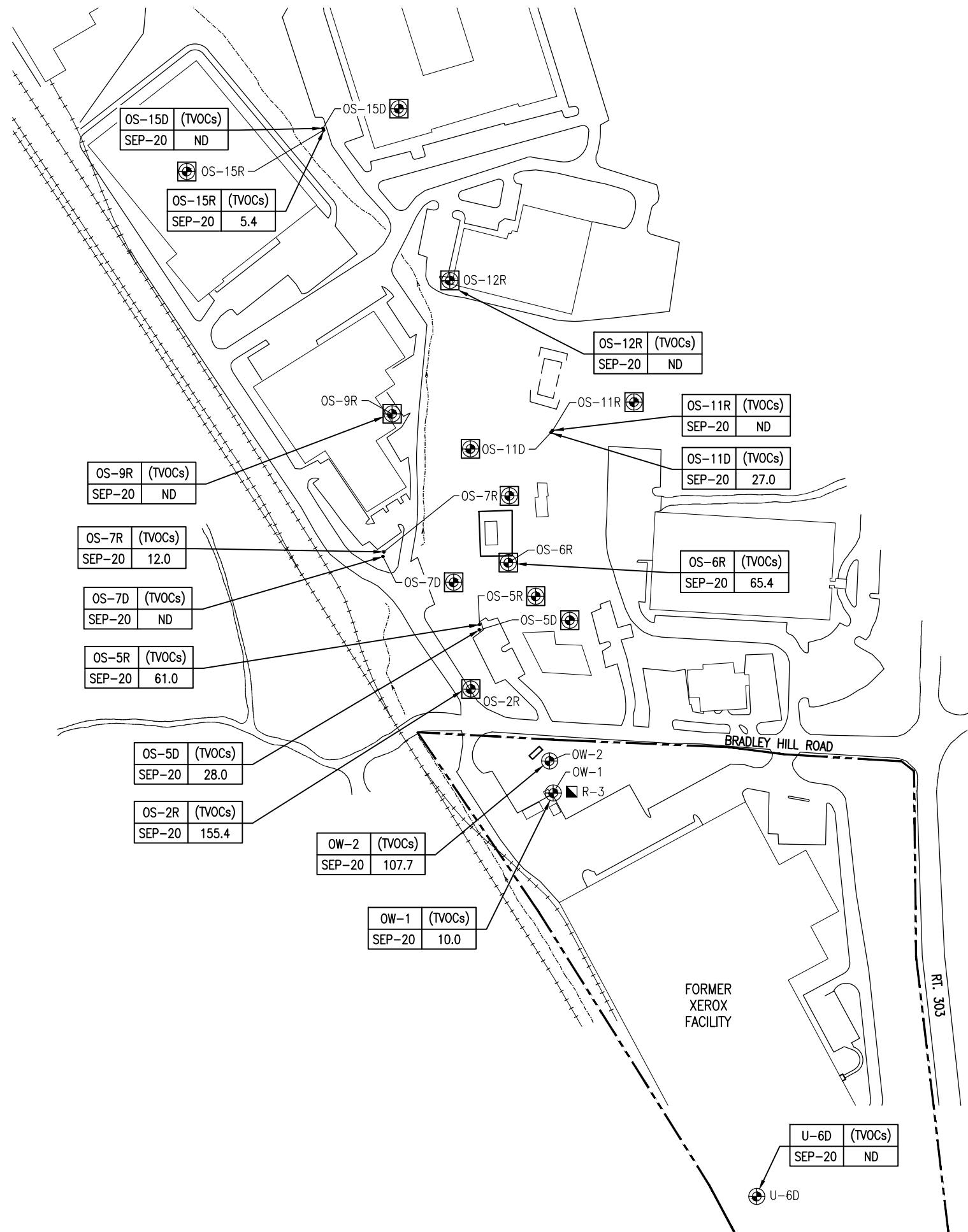
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Designed By:	Drawn By: C. WOOD
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Project Number: 6173.15	

**SEPTEMBER 2-3, 2020
DISTRIBUTION OF
GROUNDWATER
ANALYTICAL RESULTS
IN MONITORING WELLS
(OVERBURDEN)**

Drawing Number:

FIG-5

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\September 2020\September Figure 6.dwg



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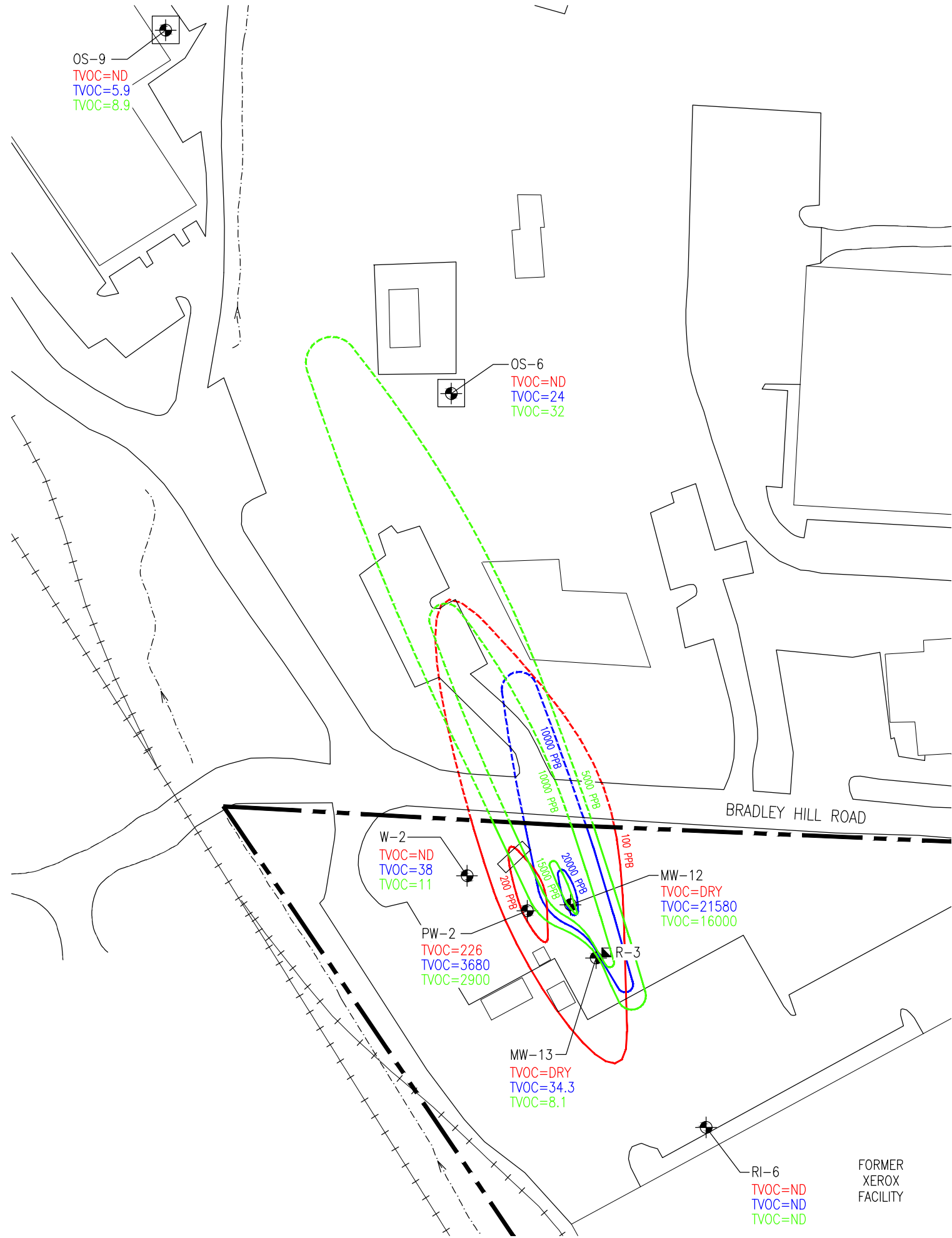
Project Manager: A. CHEREMETEFF	Checked By: S. FRANCIS
Designed By:	Drawn By: C. WOOD
Date Issued: 02/22/2021	Scale: 1" = 250'
Project Number: 6173.15	

**SEPTEMBER 2-3, 2020
DISTRIBUTION OF
GROUNDWATER
ANALYTICAL RESULTS
IN MONITORING WELLS
(BEDROCK)**

Drawing Number:

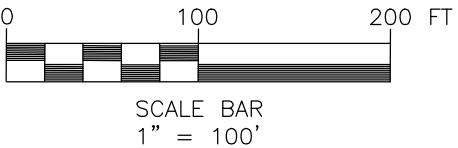
FIG-6

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\Plume Comparison Map\Quarter 3 Overburden VOC's.dwg



LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN SEPTEMBER 2018. 100 & 200 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN SEPTEMBER 2019. 10000 & 20000 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN SEPTEMBER 2020. 5000, 10000 & 15000 PPB INTERVALS SHOWN
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- ND NON DETECT
- TVOC=XXX TVOC'S (TOTAL VOLATILE ORGANIC COMPOUNDS). MICROGRAMS PER LITER (ug/L)=PPB IN GROUNDWATER



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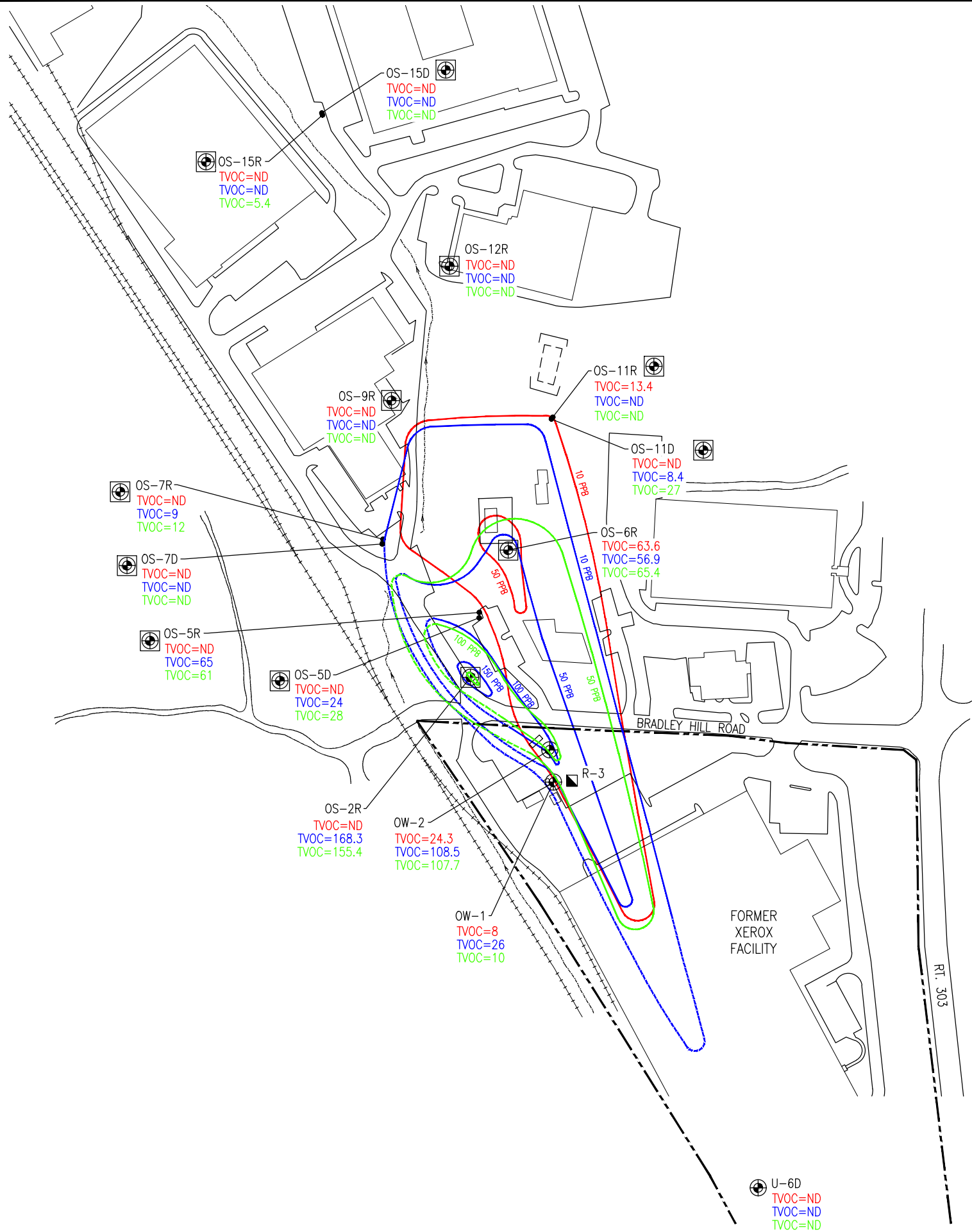
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Project Number: 6173.15
Scale: 1" = 100'

COMPARISON MAP
SHOWING SHALLOW
GROUNDWATER
PLUMES IN
SEPTEMBER 2018,
SEPTEMBER 2019 &
SEPTEMBER 2020
(OVERBURDEN)

FIG-7

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blauevelt\2020 Annual PRR Report- Blauevelt\Figures\Plume Comparison Map\Quarter 3\Figure 8 Quarter 3 Bedrock VOC's.dwg



LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **SEPTEMBER 2018**. 10 & 50 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **SEPTEMBER 2019**. 10, 50, 100 & 150 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **SEPTEMBER 2020**. 50, 100 & 150 PPB INTERVALS SHOWN
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- ND NON DETECT
- TVOC=XXX TVOC'S (TOTAL VOLATILE ORGANIC COMPOUNDS). MICROGRAMS PER LITER (ug/L)=PPB IN GROUNDWATER



SCALE BAR
1" = 250'

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Project Number: 6173.15	

**COMPARISON MAP
SHOWING
GROUNDWATER
PLUMES IN
SEPTEMBER 2018,
SEPTEMBER 2019 &
SEPTEMBER 2020
(BEDROCK)**

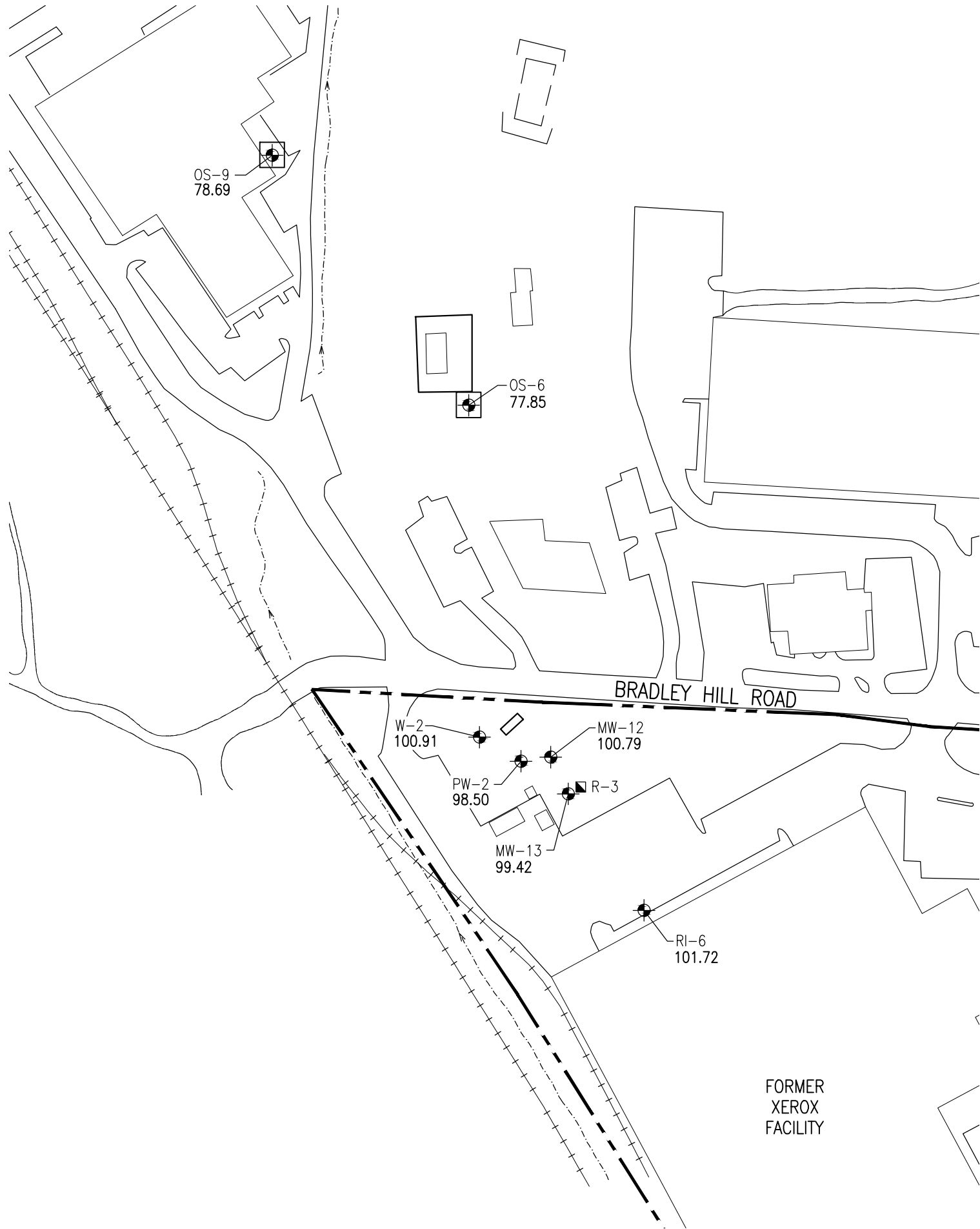
Drawing Number:

FIG-8



QUARTERLY FIGURES – DECEMBER 2020

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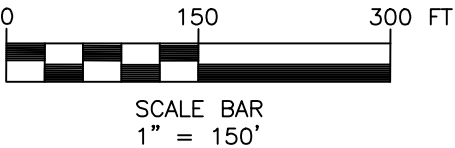


LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



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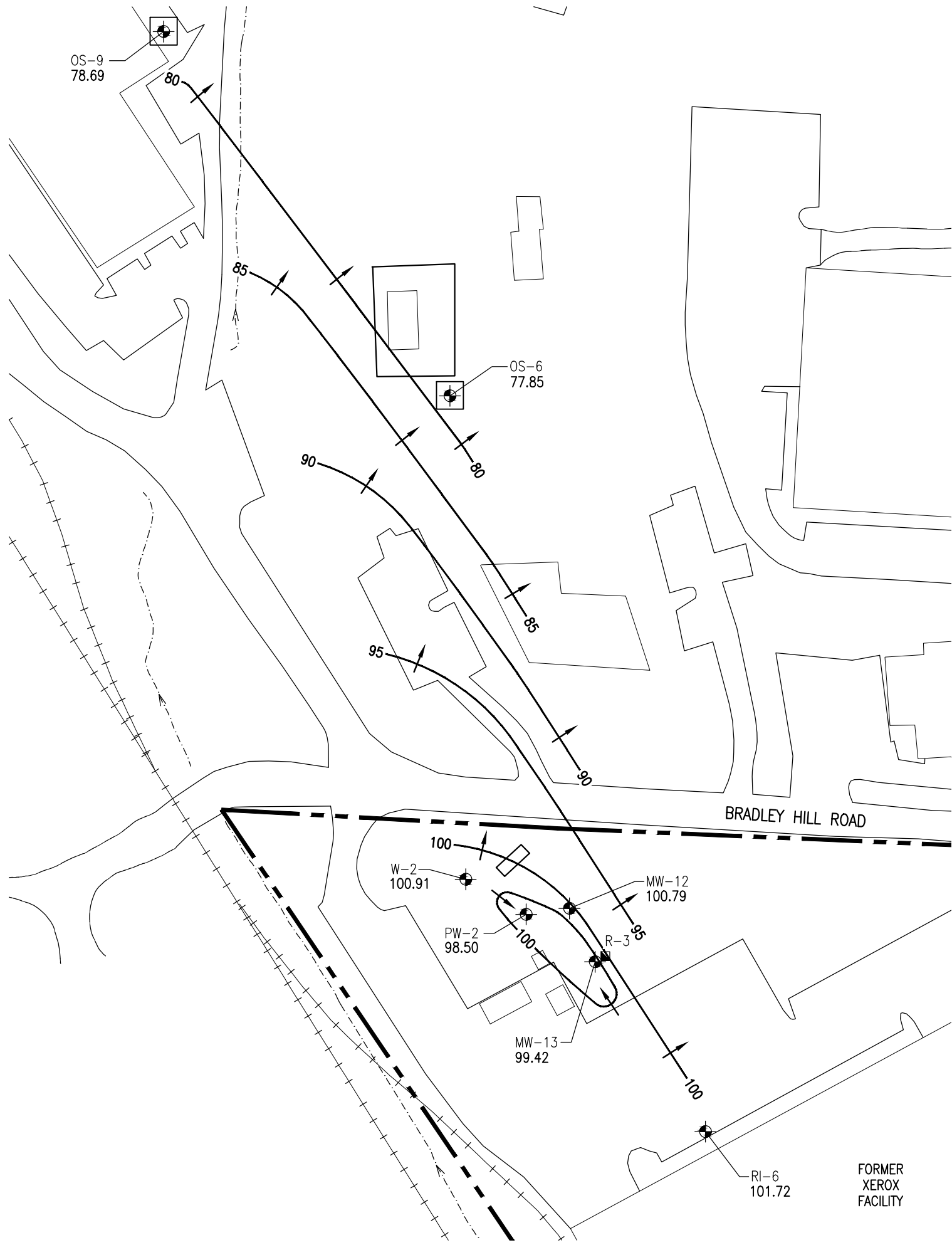
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**DECEMBER 10-11, 2020
ELEVATION
POSTING MAP
(OVERBURDEN)**

Drawing Number:

FIG-3A

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blaupelt\2020 Annual PRR Report- Blaupelt\Figures\December 2020\December Figure 3B.dwg

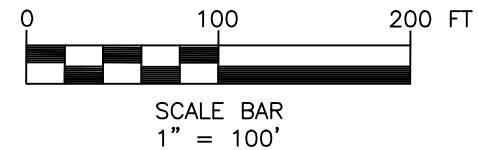


LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- GROUNDWATER TABLE CONTOUR, FEET, 5' INTERVAL
- GROUNDWATER FLOW DIRECTION

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



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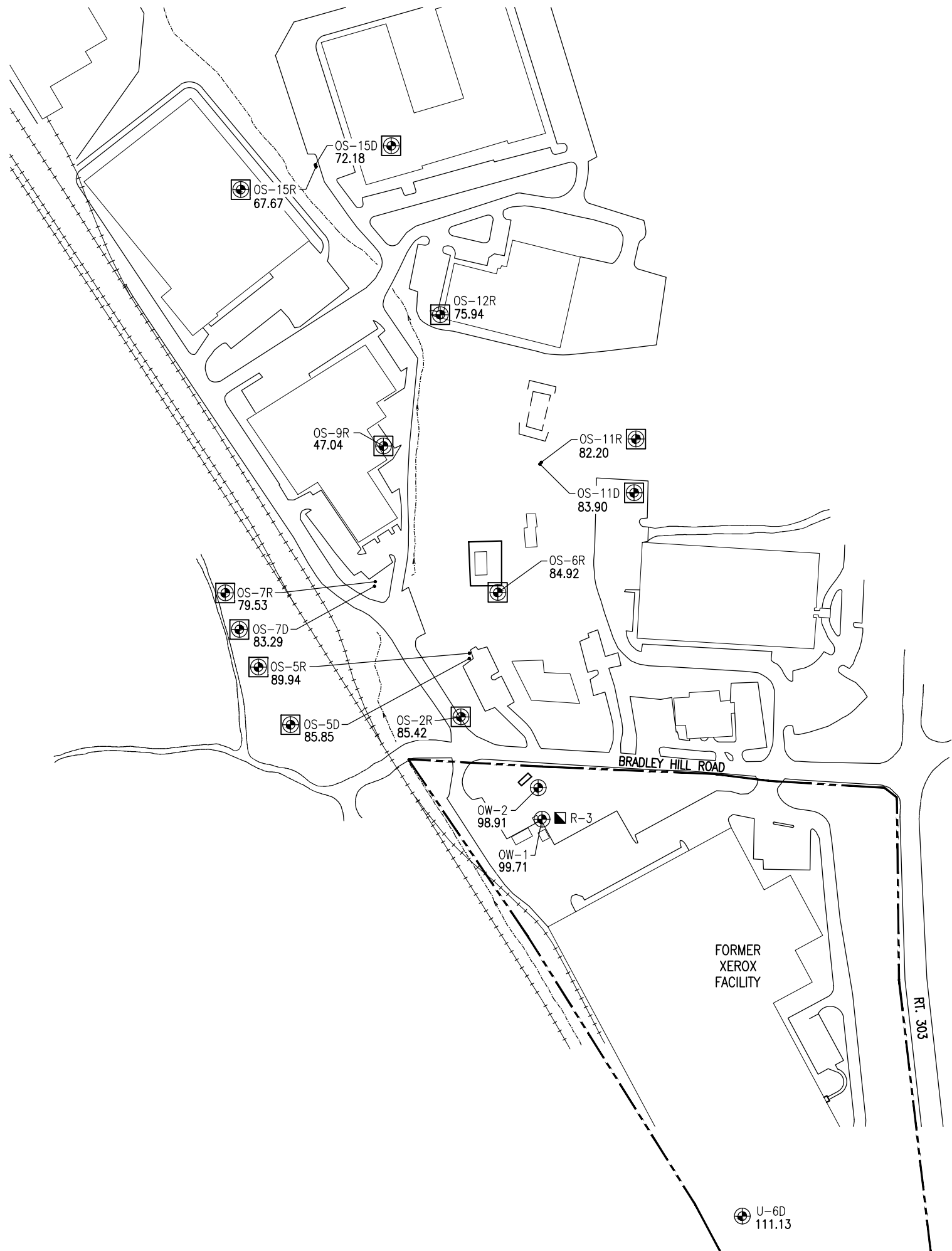
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**DECEMBER 10-11, 2020
WATER TABLE
MAP
(OVERBURDEN)**

Drawing Number:

FIG-3B

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\December 2020\December Figure 4A.dwg

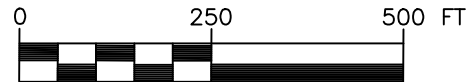


LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE

NOTE:

NUMBERS REFER TO GROUNDWATER ELEVATION



SCALE BAR
1" = 250'

XEROX CORPORATION

BLAUVELT, NEW YORK
NYSDEC SITE NO. 3-044-021



BERGMANN ARCHITECTS ENGINEERS PLANNERS

Bergmann Associates, Architects, Engineers,
Landscape Architects & Surveyors, D.P.C.
280 East Broad Street
Suite 200
Rochester, NY 14604

office: 585.232.5135
fax: 585.232.4652

www.bergmannpc.com

REVISIONS				
NO.	DATE	DESCRIPTION	REV.	CK'D

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Note:
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Project Manager: A. CHEREMETEFF	Checked By: S. FRANCIS
Designed By:	Drawn By: C. WOOD

Date Issued: 02/22/2021	Scale: 1" = 250'

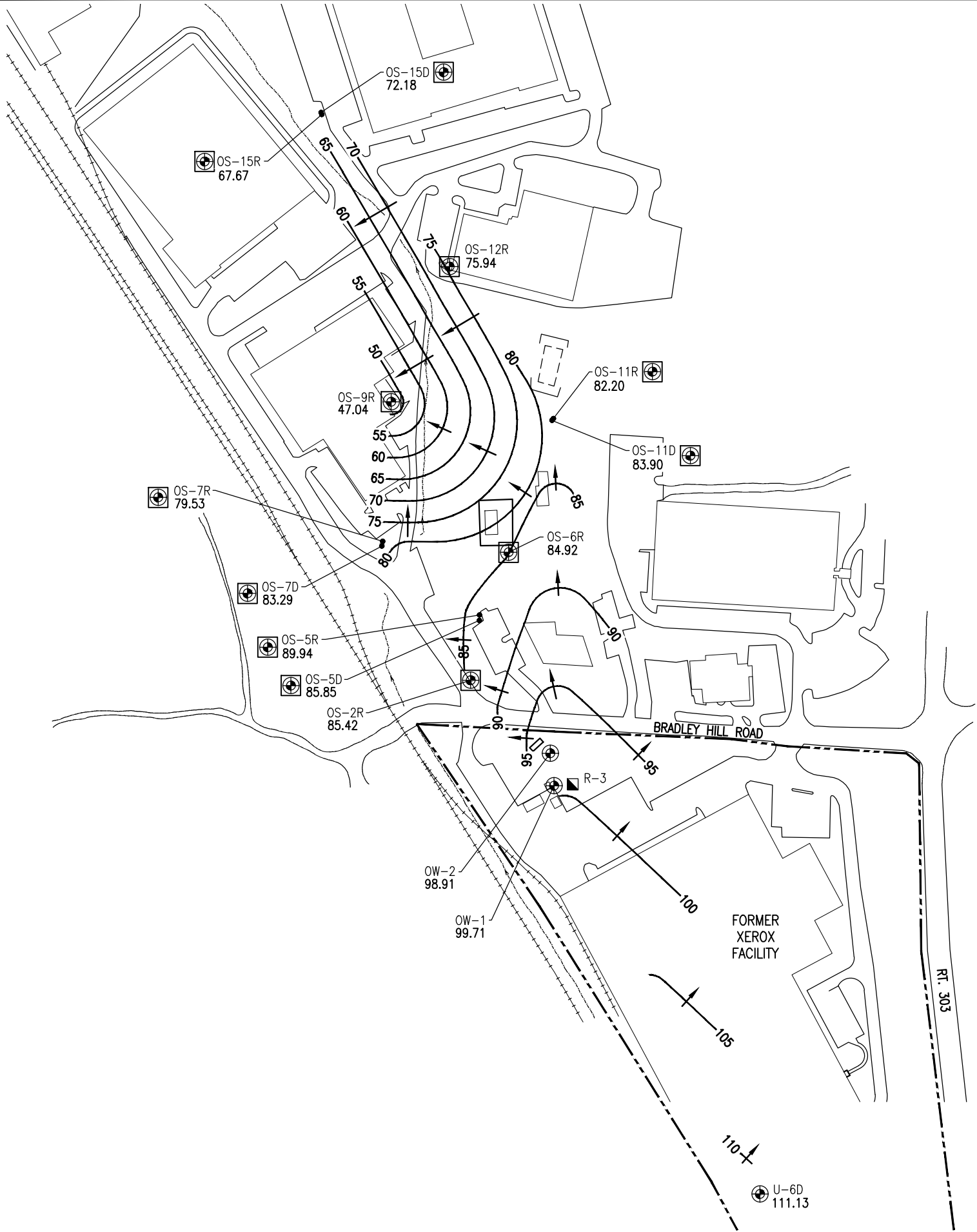
Project Number: 6173.15

DECEMBER 10-11, 2020 ELEVATION POSTING MAP (BEDROCK)

Drawing Number:

FIG-4A

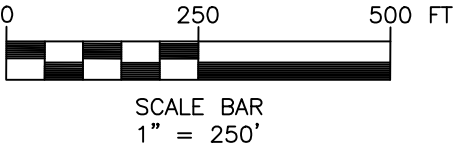
i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauevt\2020 Annual PRR Report- Blauevt\Figures\December 2020\December Figure 4B.dwg



LEGEND

- ON-SITE BEDROCK MONITORING WELL
- OFF-SITE BEDROCK MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- GROUNDWATER TABLE CONTOUR, FEET, 5' INTERVAL
- GROUNDWATER FLOW DIRECTION

NOTE:
NUMBERS REFER TO GROUNDWATER ELEVATION



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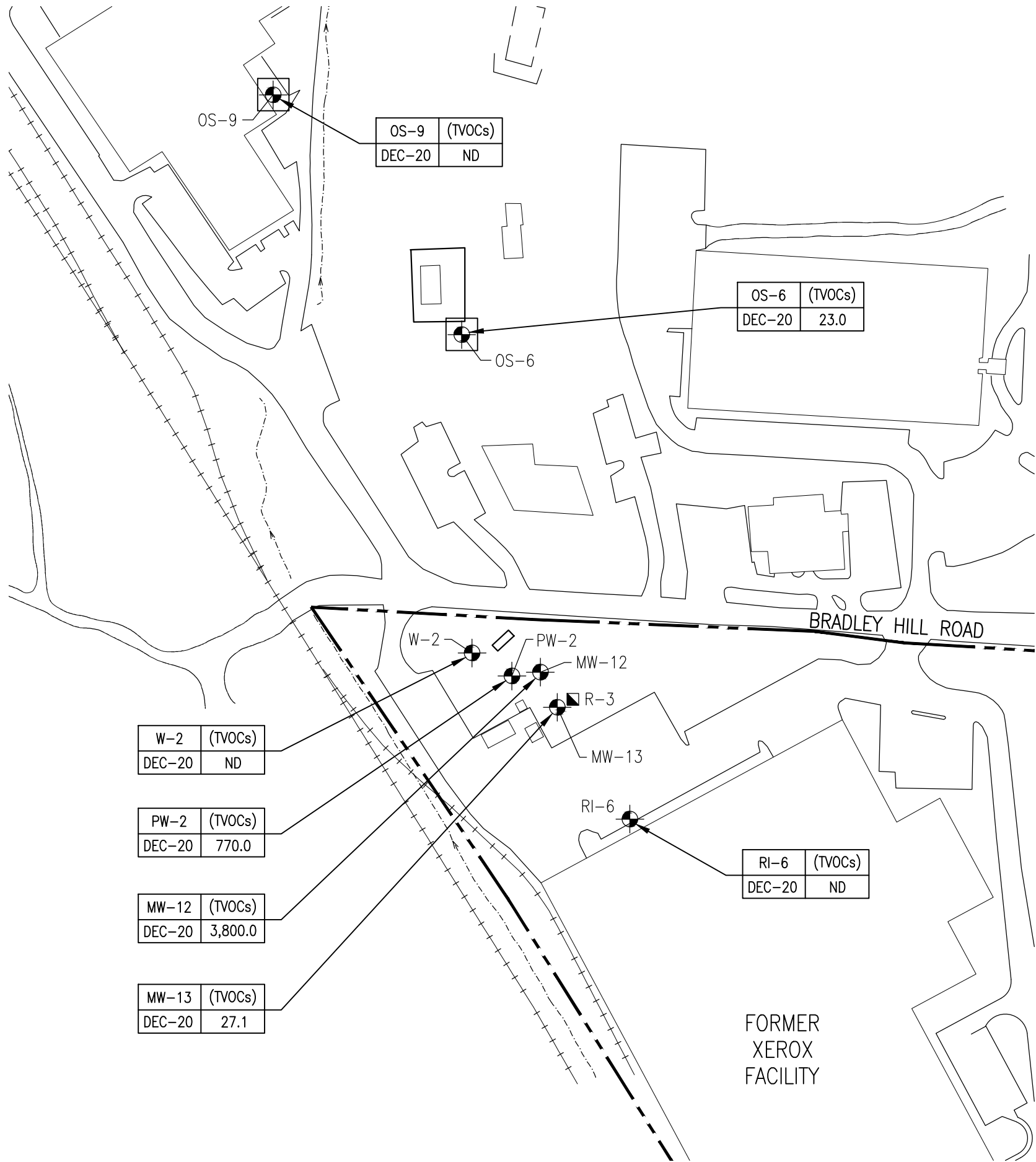
Project Manager: A. CHEREMETEFF	Checked By: S. FRANCIS
Designed By:	Drawn By: C. WOOD
Date Issued: 02/22/2021	Scale: 1" = 250'
Project Number: 6173.15	

**DECEMBER 10-11, 2020
WATER TABLE
MAP
(BEDROCK)**

Drawing Number:

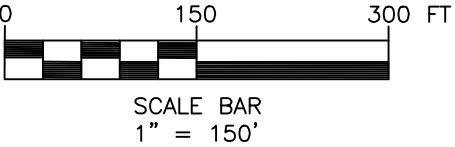
FIG-4B

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blauevt\2020 Annual PRR Report- Blauevt\Figures\December 2020\December Figure 5.dwg



LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- TVOCs: TOTAL VOLATILE ORGANIC COMPOUNDS DETECTED
ALL RESULTS EXPRESSED AS MICROGRAMS PER LITER (UG/L)=PPB



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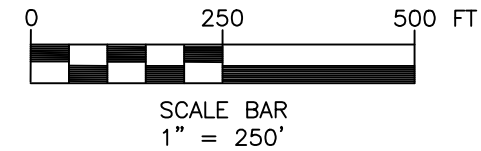
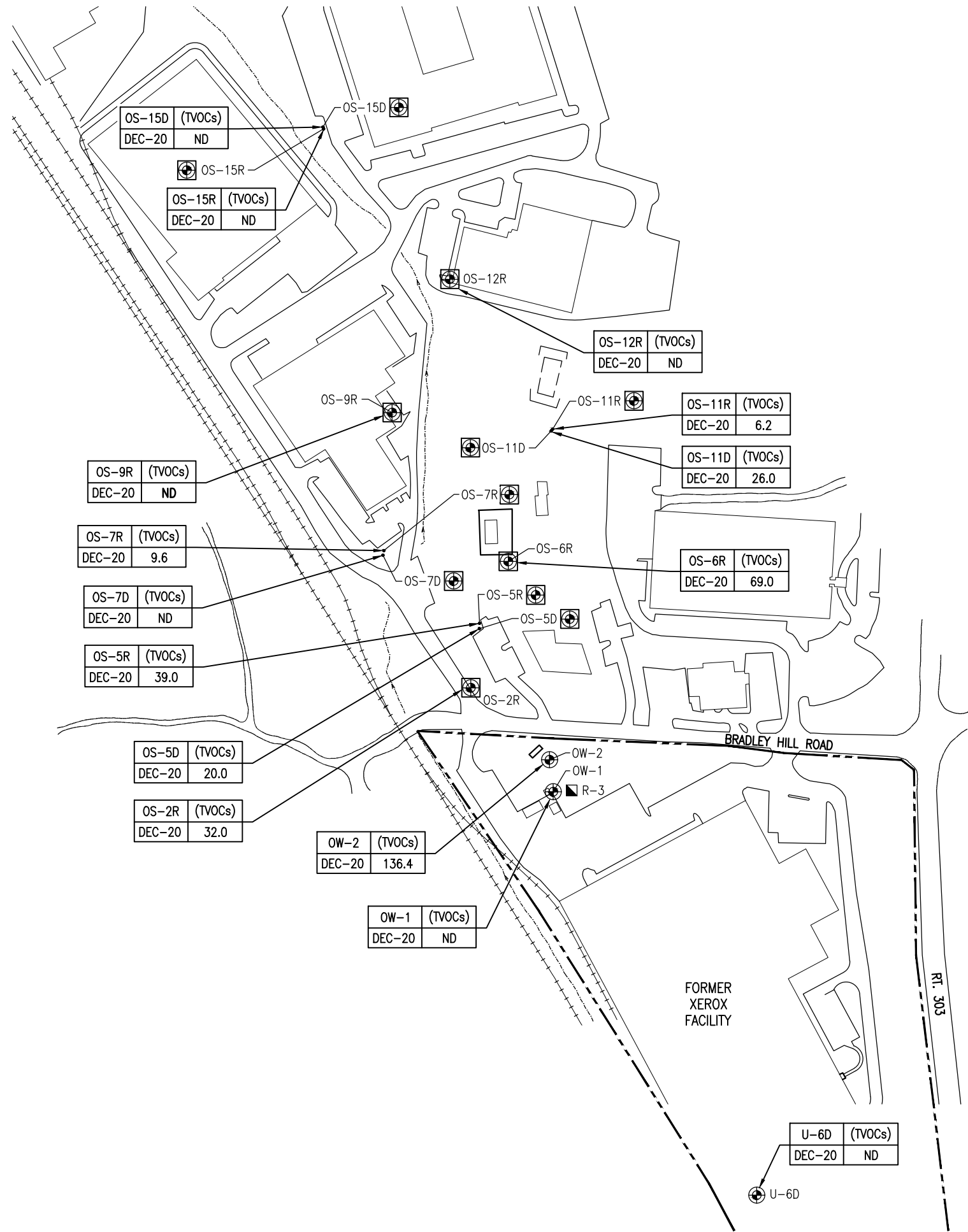
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Project Manager: A. CHEREMETEFF	Checked By: S. FRANCIS
Designed By:	Drawn By: C. WOOD
Date Issued: 02/22/2021	Scale: 1" = 150'
Project Number: 6173.15	

**DECEMBER 10-11, 2020
DISTRIBUTION OF
GROUNDWATER
ANALYTICAL RESULTS
IN MONITORING WELLS
(OVERBURDEN)**

Drawing Number:
FIG-5

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\3.8 Reports\Blaupunkt\2020 Annual PRR Report- Blaupunkt\Figures\December 2020\December Figure 6.dwg



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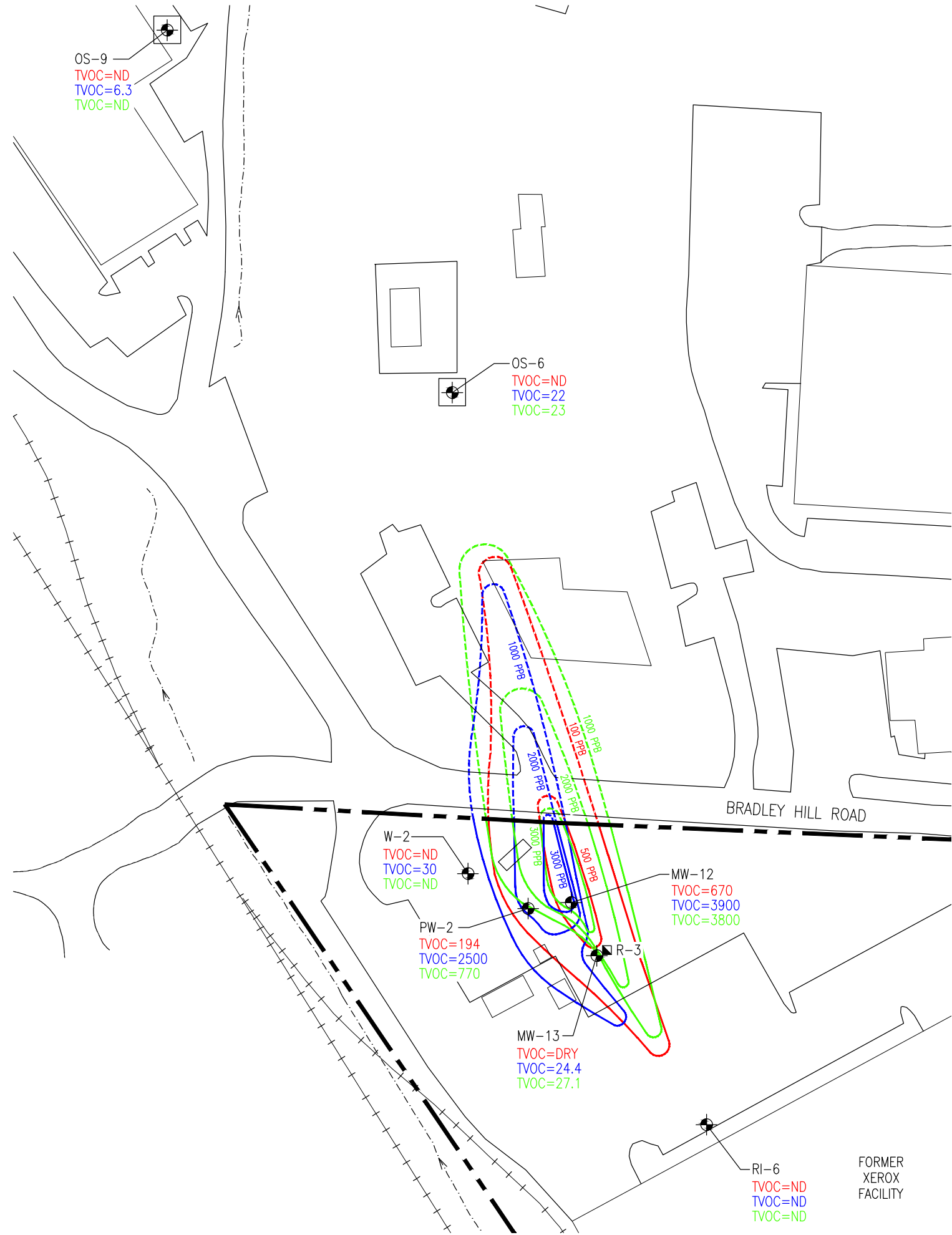
Project Manager: A. CHEREMETEFF	Checked By: S. FRANCIS
Designed By:	Drawn By: C. WOOD
Date Issued: 02/22/2021	Scale: 1" = 250'
Project Number: 6173.15	

**DECEMBER 10-11, 2020
DISTRIBUTION OF
GROUNDWATER
ANALYTICAL RESULTS
IN MONITORING WELLS
(BEDROCK)**

Drawing Number:

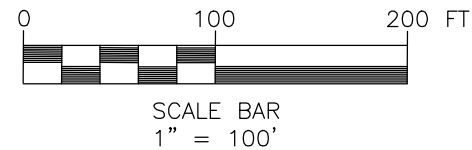
FIG-6

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blauvelt\2020 Annual PRR Report- Blauvelt\Figures\Plume Comparison Map\Quarter 4 Overburden VOC's.dwg



LEGEND

- ON-SITE OVERBURDEN MONITORING WELL
- OFF-SITE OVERBURDEN MONITORING WELL
- GROUNDWATER RECOVERY WELL R-3
- APPROXIMATE SITE PROPERTY LINE
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **DECEMBER 2018**. 100 & 500 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **DECEMBER 2019**. 1000, 2000 & 3000 PPB INTERVALS SHOWN
- ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **DECEMBER 2020**. 1000, 2000 & 3000 PPB INTERVALS SHOWN
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.
- ND NON DETECT
- TVOC=XXX TVOC'S (TOTAL VOLATILE ORGANIC COMPOUNDS). MICROGRAMS PER LITER (ug/L)=PPB IN GROUNDWATER



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Rochester, NY 14604
office: 585.232.5135
fax: 585.232.4652
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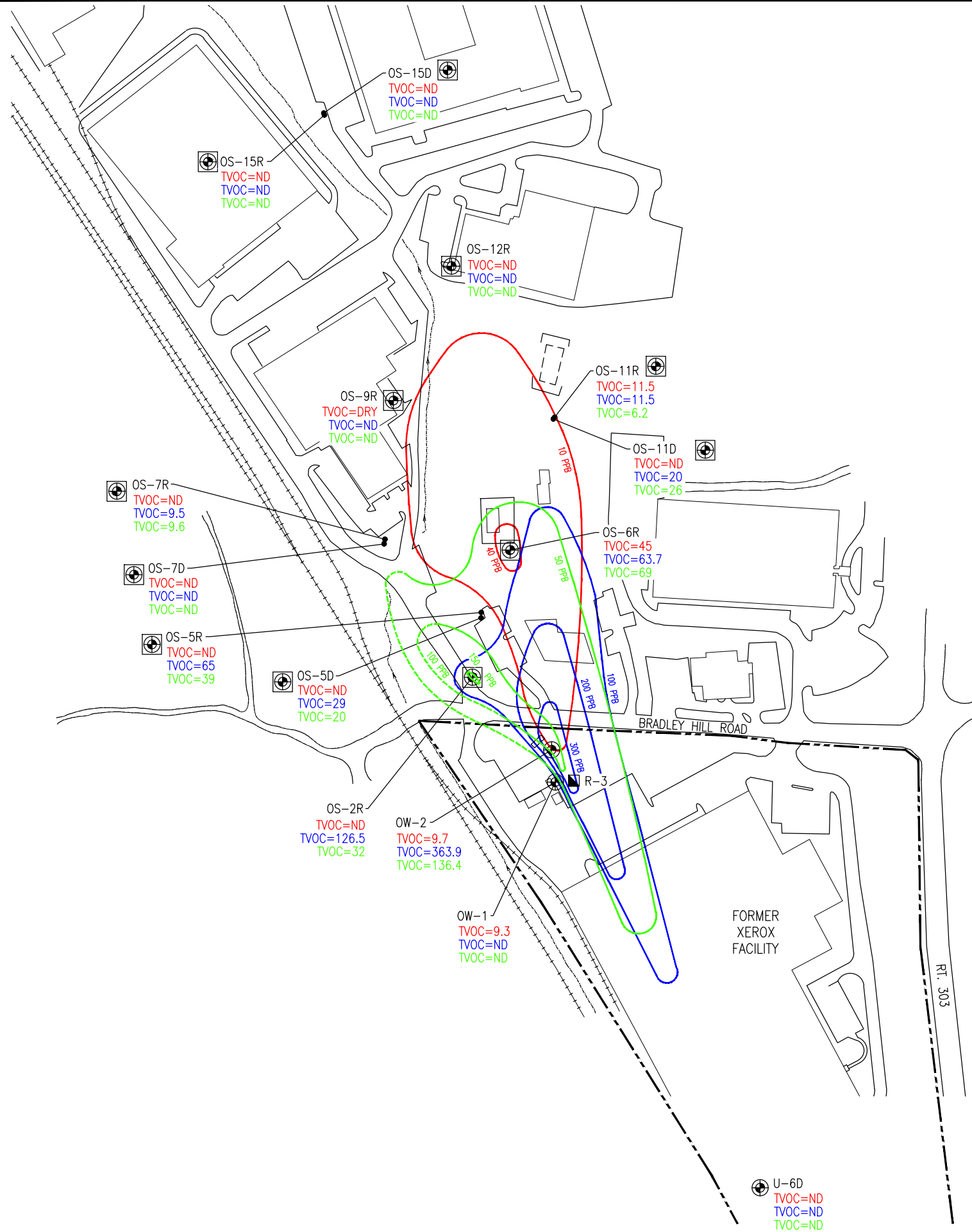
REVISIONS				
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Checked By: S. FRANCIS
Designed By: C. WOOD
Date Issued: 02/22/2021
Project Number: 6173.15
Scale: 1" = 100'

**COMPARISON MAP
SHOWING SHALLOW
GROUNDWATER
PLUMES IN
DECEMBER 2018,
DECEMBER 2019 &
DECEMBER 2020
(OVERBURDEN)**

Drawing Number:
FIG-7

i:\Xerox\Site_2011\6173.06 Environmental Support 2011-12\3.0 Design\Blaupelt\2020 Annual PRR Report- Blaupelt\Figures\Plume Comparison Map\Quarter 4\Figure 8 Quarter 4 Bedrock VOC's.dwg



LEGEND

ON-SITE BEDROCK MONITORING WELL

OFF-SITE BEDROCK MONITORING WELL

GROUNDWATER RECOVERY WELL R-3

APPROXIMATE SITE PROPERTY LINE

ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **DECEMBER 2018**. 10 & 40 PPB INTERVALS SHOWN

ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **DECEMBER 2019**. 100, 200 & 300 PPB INTERVALS SHOWN

ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER, FROM SAMPLES TAKEN **DECEMBER 2020**. 50, 100 & 150 PPB INTERVALS SHOWN

APPROXIMATE ISOPLETH OF TOTAL DETECTED VOC'S IN GROUNDWATER.

ND NON DETECT

TVOC=XXX TVOC'S (TOTAL VOLATILE ORGANIC COMPOUNDS). MICROGRAMS PER LITER (ug/L)=PPB IN GROUNDWATER



SCALE BAR
1" = 250'



XEROX CORPORATION

BLAUVELT, NEW YORK
NYSDEC SITE NO. 3-044-021



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Project Manager: A. CHEREMETEFF	Checked By: S. FRANCIS
Designed By:	Drawn By: C. WOOD
Date Issued: 02/22/2021	Scale: 1" = 250'
Project Number: 6173.15	

**COMPARISON MAP
SHOWING
GROUNDWATER
PLUMES IN
DECEMBER 2018,
DECEMBER 2019 &
DECEMBER 2020
(BEDROCK)**

Drawing Number:

FIG-8



APPENDIX A

INSTITUTIONAL AND ENGINEERING CONTROLS (IC/EC) CERTIFICATION FORM

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

3/29/2021

Marcus Lathrop
Xerox Corporation
790 Phillips Road – 105-66C
Webster, NY 14580-9720
Marcus.Lathrop@xerox.com

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

Site Name: Xerox Corporation

Site No.: 344021

Site Address: Blauvelt Facility (near intersection of Rt 303)
Orangetown, NY 10962

Dear Marcus Lathrop:

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 ~~May 01, 2020~~. Guidance on the content of a PRR is enclosed.

April 01, 2021

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.



Department of
Environmental
Conservation

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 , the Project Manager, at or 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

, NY

Enclosures

PRR General Guidance
Certification Form Instructions
Certification Forms

ec: w/ enclosures

Advance Distribution Systems - Marcus.Lathrop@xerox.com

ec: w/ enclosures

Michael Squire, Project Manager

Amen M. Omorogbe, Section Chief

Dan Bendell, Hazardous Waste Remediation Supervisor, Region 3

Bergmann - Ari Cheremeteff - acheremeteff@bergmannpc.com

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. 344021

Site Name Xerox Corporation

Site Address: Blauvelt Facility (near intersection of Rt 303) **Zip Code:** 10962

City/Town: Orangetown

County: Rockland

Site Acreage: 1.000

Reporting Period: ~~May 31, 2019 to April 01, 2020~~

January 1, 2020 to December 31, 2020

YES NO

1. Is the information above correct?

☒ ☐

If NO, include handwritten above or on a separate sheet.

2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?

☐ ☒

3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?

☐ ☒

4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?

☐ ☒

If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.

5. Is the site currently undergoing development?

☐ ☒

Box 2

YES NO

6. Is the current site use consistent with the use(s) listed below?
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

SITE NO. 344021

Box 3

Description of Institutional Controls

Parcel

Owner

Institutional Control

70.06-1-2

Advance Distribution Systems

Site Management Plan

Implementation of the approved Site Management Plan (SMP) which includes:

- 1) Continued groundwater containment in the source area through an active groundwater pump and treat system,
- 2) Continued operation of the active sub-slab depressurization system.

Box 4

Description of Engineering Controls

Parcel

Engineering Control

70.06-1-2

Groundwater Treatment System
Vapor Mitigation
Groundwater Containment

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. 344021

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 Marcus Lathrop at 800 Phillips Rd, 0207-01Z, Webster, NY 14580,
print name print business address

am certifying as Manager; Assessment & Environmental Operations (Owner or Remedial Party)

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



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

4/8/2021

Date

EC CERTIFICATIONS

Box 7

Professional Engineer 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 Robert Switala at 280 E. Broad Street, Suite 200, Rochester, NY 14604,
print name print business address

am certifying as a Professional Engineer for the Xerox Corporation
Remedial Party)

Robert Switala



4/7/2021

Signature of Professional Engineer, for the Owner or 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.



APPENDIX B

LABORATORY ANALYSIS OF GROUNDWATER SAMPLES



FIRST QUARTER

LABORATORY ANALYTICAL REPORT



March 20, 2020

Service Request No:R2002114

Missy Bessey
Xerox Corporation USA
800 Phillips Road
Bldg #205-99F
Webster, NY 14580

Laboratory Results for: Xerox - Blauvelt Wells

Dear Missy,

Enclosed are the results of the sample(s) submitted to our laboratory March 11, 2020
For your reference, these analyses have been assigned our service request number **R2002114**.

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

CC: Janice Szucs

ADDRESS

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

PHONE +1 585 288 5380 | **FAX** +1 585 288 8475

ALS Group USA, Corp.
dba ALS Environmental



Narrative Documents

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com



Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells
Sample Matrix: Water

Service Request: R2002114
Date Received: 03/11/2020

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Twenty seven water samples were received for analysis at ALS Environmental on 03/11/2020. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatile GC:

Method 8015C, 03/18/2020: Sample R2002114-001 was accidentally extracted as 310-13. No volume was left to perform re-extraction as a mineral spirits sample so the sample and associated QC were ran as 310-13 with mineral spirits being the target compound. The Continuing Calibration Verification (CCV) was spiked with n-dodecane and and Laboratory Control Sample (LCS) was spiked with Fuel Oil #2. As neither of these is a target component, their results are not shown in LIMS but recoveries were acceptable.

Volatiles by GC/MS:

Method 8260C, 03/13/2020: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.
Method 8260C, 03/12/2020: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by

A handwritten signature in black ink, appearing to read "Meghan Pedicini".

Date

03/20/2020

ALS Group USA, Corp. dba ALS Environmental

Total Target Volatiles Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Analytical Method: 8260C

Service Request: R2002114
Date Reported: 3/20/20
Units: µg/L

Client Sample ID	Total Target Volatiles
W-2 2020 Q1	ND
U-6D 2020 Q1	ND
MW-12 2020 Q1	19720.0
MW-13 2020 Q1	20.3
OW-1 2020 Q1	22.0
OW-2 2020 Q1	134.2
PW-2 2020 Q1	3460.0
RI-6 2020 Q1	ND
DUP-01 2020 Q1	3460.0
EB-01 2020 Q1	ND
TRIP BLANK-01 2020 Q1	ND
OS-2R 2020 Q1	100.8
OS-5R 2020 Q1	58.0
OS-5D 2020 Q1	22.0
OS-6 2020 Q1	18.0
OS-6R 2020 Q1	69.0
OS-7R 2020 Q1	9.1
OS-7D 2020 Q1	ND
OS-9 2020 Q1	6.7
OS-9R 2020 Q1	ND
OS-11R 2020 Q1	10.3
OS-11D 2020 Q1	ND
OS-12R 2020 Q1	ND
OS-15R 2020 Q1	ND
OS-15D 2020 Q1	ND
DUP-02 2020 Q1	6.8
TRIP BLANK-02 2020 Q1	ND

SAMPLE DETECTION SUMMARY

CLIENT ID: MW-12 2020 Q1	Lab ID: R2002114-003

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	19000	D		1000	ug/L	8260C
Vinyl Chloride	720			500	ug/L	8260C
Total Target Volatiles (TTV)	19720.0			500.0	ug/L	8260C

CLIENT ID: MW-13 2020 Q1	Lab ID: R2002114-004

Analyte	Results	Flag	MDL	MRL	Units	Method
1,1-Dichloroethane (1,1-DCA)	5.3			5.0	ug/L	8260C
cis-1,2-Dichloroethene	15			5.0	ug/L	8260C
Total Target Volatiles (TTV)	20.3			5.0	ug/L	8260C

CLIENT ID: OW-1 2020 Q1	Lab ID: R2002114-005

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	22			5.0	ug/L	8260C
Total Target Volatiles (TTV)	22.0			5.0	ug/L	8260C

CLIENT ID: OW-2 2020 Q1	Lab ID: R2002114-006

Analyte	Results	Flag	MDL	MRL	Units	Method
1,1-Dichloroethane (1,1-DCA)	10			5.0	ug/L	8260C
cis-1,2-Dichloroethene	110			5.0	ug/L	8260C
Tetrachloroethene (PCE)	5.4			5.0	ug/L	8260C
Vinyl Chloride	8.8			5.0	ug/L	8260C
Total Target Volatiles (TTV)	134.2			5.0	ug/L	8260C

CLIENT ID: PW-2 2020 Q1	Lab ID: R2002114-007

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	3300			130	ug/L	8260C
Vinyl Chloride	160			130	ug/L	8260C
Total Target Volatiles (TTV)	3460.0			125.0	ug/L	8260C

CLIENT ID: DUP-01 2020 Q1	Lab ID: R2002114-009

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	3300			130	ug/L	8260C
Vinyl Chloride	160			130	ug/L	8260C
Total Target Volatiles (TTV)	3460.0			125.0	ug/L	8260C

CLIENT ID: OS-2R 2020 Q1	Lab ID: R2002114-012

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	95			5.0	ug/L	8260C
Tetrachloroethene (PCE)	5.8			5.0	ug/L	8260C
Total Target Volatiles (TTV)	100.8			5.0	ug/L	8260C

CLIENT ID: OS-5R 2020 Q1	Lab ID: R2002114-013

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	58			5.0	ug/L	8260C
Total Target Volatiles (TTV)	58.0			5.0	ug/L	8260C

SAMPLE DETECTION SUMMARY

CLIENT ID: OS-5R 2020 Q1			Lab ID: R2002114-013			
Analyte	Results	Flag	MDL	MRL	Units	Method
CLIENT ID: OS-5D 2020 Q1			Lab ID: R2002114-014			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	22			5.0	ug/L	8260C
Total Target Volatiles (TTV)	22.0			5.0	ug/L	8260C
CLIENT ID: OS-6 2020 Q1			Lab ID: R2002114-015			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	18			5.0	ug/L	8260C
Total Target Volatiles (TTV)	18.0			5.0	ug/L	8260C
CLIENT ID: OS-6R 2020 Q1			Lab ID: R2002114-016			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	38			5.0	ug/L	8260C
Tetrachloroethene (PCE)	18			5.0	ug/L	8260C
Trichloroethene (TCE)	13			5.0	ug/L	8260C
Total Target Volatiles (TTV)	69.0			5.0	ug/L	8260C
CLIENT ID: OS-7R 2020 Q1			Lab ID: R2002114-017			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	9.1			5.0	ug/L	8260C
Total Target Volatiles (TTV)	9.1			5.0	ug/L	8260C
CLIENT ID: OS-9 2020 Q1			Lab ID: R2002114-019			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	6.7			5.0	ug/L	8260C
Total Target Volatiles (TTV)	6.7			5.0	ug/L	8260C
CLIENT ID: OS-11R 2020 Q1			Lab ID: R2002114-021			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	5.0			5.0	ug/L	8260C
Tetrachloroethene (PCE)	5.3			5.0	ug/L	8260C
Total Target Volatiles (TTV)	10.3			5.0	ug/L	8260C
CLIENT ID: DUP-02 2020 Q1			Lab ID: R2002114-026			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	6.8			5.0	ug/L	8260C
Total Target Volatiles (TTV)	6.8			5.0	ug/L	8260C



Sample Receipt Information

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request:R2002114

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2002114-001	W-2 2020 Q1	3/9/2020	0815
R2002114-002	U-6D 2020 Q1	3/9/2020	1130
R2002114-003	MW-12 2020 Q1	3/9/2020	0830
R2002114-004	MW-13 2020 Q1	3/9/2020	0850
R2002114-005	OW-1 2020 Q1	3/9/2020	1015
R2002114-006	OW-2 2020 Q1	3/9/2020	1000
R2002114-007	PW-2 2020 Q1	3/9/2020	0920
R2002114-008	RI-6 2020 Q1	3/9/2020	1105
R2002114-009	DUP-01 2020 Q1	3/9/2020	0925
R2002114-010	EB-01 2020 Q1	3/9/2020	0755
R2002114-011	TRIP BLANK-01 2020 Q1	3/9/2020	
R2002114-012	OS-2R 2020 Q1	3/10/2020	0945
R2002114-013	OS-5R 2020 Q1	3/10/2020	0855
R2002114-014	OS-5D 2020 Q1	3/10/2020	0905
R2002114-015	OS-6 2020 Q1	3/9/2020	1335
R2002114-016	OS-6R 2020 Q1	3/9/2020	1400
R2002114-017	OS-7R 2020 Q1	3/10/2020	1035
R2002114-018	OS-7D 2020 Q1	3/10/2020	1040
R2002114-019	OS-9 2020 Q1	3/10/2020	1130
R2002114-020	OS-9R 2020 Q1	3/10/2020	1115
R2002114-021	OS-11R 2020 Q1	3/9/2020	1250
R2002114-022	OS-11D 2020 Q1	3/9/2020	1255
R2002114-023	OS-12R 2020 Q1	3/10/2020	1200
R2002114-024	OS-15R 2020 Q1	3/10/2020	1300
R2002114-025	OS-15D 2020 Q1	3/10/2020	1245
R2002114-026	DUP-02 2020 Q1	3/10/2020	1135
R2002114-028	TRIP BLANK-02 2020 Q1	3/10/2020	



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

60518

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PAGE

1 OF 3

Project Name Xerox - Blauvelt		Project Number 461-06-00		ANALYSIS REQUESTED (Include Method Number and Container Preservative)															
Project Manager Larry Coddington		Report CC		PRESERVATIVE															
Company/Address GWI Hydrogeology, P.C. 18 Bridge Street Manhasset, NY 12549		Email Larry.Coddington@xerox.com		NUMBER OF CONTAINERS															
Phone # 845-457-9855		Sampler's Signature Larry Coddington		Sampler's Printed Name Laurence F. Coddington															
GC/MS VOCs • 8260 • 824 • CLP		GC/MS SVOCs • 8270 • 825		GC VOCs • 8021 • 801/802		PESTICIDES • 8081 • 808		PCBs • 8082 • 808		METALS, TOTAL (List in comments below)		METALS, DISSOLVED (List in comments below)		PRESERVATIVE KEY					
														0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn, Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____					
CLIENT SAMPLE ID		FOR OFFICE USE ONLY LAB ID		DATE		TIME		MATRIX						REMARKS/ ALTERNATE DESCRIPTION					
MW-12	-003	3/9/20	8:30	GW	5	3													
MW-13	-004		8:50	GW	5	3													
W-2	-001		8:15	GW	5	3													
PW-2	-007		9:20	GW	5	3													
DUP-01	-008		9:25	GW	5	3													
EB-01	-007		7:05	ATQ	5	3													
OW-2	-006		10:00	GW	3	3													
OW-1	-005		10:15	GW	3	3													
RE-6	-008		11:05	GW	3	3													
V-6D	-002	3/9/20	11:30	GW	3	3													
OS-6	-015	3/9/20	13:35	GW	6	6													
SPECIAL INSTRUCTIONS/COMMENTS Metals												TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day Standard (10 business days-No Surcharge) REQUESTED REPORT DATE STD		REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data Edata Yes No		INVOICE INFORMATION PO # BILL TO:			
STATE WHERE SAMPLES WERE COLLECTED BLAUVELT, NY												RELINQUISHED BY Larry Coddington		RECEIVED BY Larry Coddington		RELINQUISHED BY Larry Coddington		RECEIVED BY Larry Coddington	
Signature Larry Coddington												Signature Larry Coddington		Signature Larry Coddington		Signature Larry Coddington		Signature Larry Coddington	
Printed Name Laurence F. Coddington												Printed Name Laurence F. Coddington		Printed Name Laurence F. Coddington		Printed Name Laurence F. Coddington		Printed Name Laurence F. Coddington	
Firm GWI												Firm GWI		Firm GWI		Firm GWI		Firm GWI	
Date/Time 3/10/20 16:00												Date/Time 3/10/20 0940		Date/Time 3/10/20 0940		Date/Time 3/10/20 0940		Date/Time 3/10/20 0940	



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

60519

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Project Name Xerox - Blauvelt		Project Number 461-06-08		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																
Project Manager Harry Caddigan		Report CC		PRESERVATIVE																
Company/Address Glaxo - Hydrogeology, P.C. 18 Bridge Street Montgomery, NY 12549		Email haddigan@hvc-ny.com		NUMBER OF CONTAINERS																
Phone # 845-456-9955		Sampler's Signature [Signature]		Sampler's Printed Name Lawrence F. Caddigan		Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____														
GC/MS VOAs • 8260 • 824 • CLP		GC/MS SVOCs • 8270 • 825		GC VOAs • 8021 • 801/802		PESTICIDES • 8081 • 808		PCBs • 8082 • 808		METALS, TOTAL (List in comments below)		METALS, DISSOLVED (List in comments below)		REMARKS/ ALTERNATE DESCRIPTION						
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE		TIME	MATRIX															
OS-6R	-016	3/9/20	14:00	GW	3	3														
OS-11R	-021	3/9/20	12:50	GW	3	3														
OS-11D	-022	3/9/20	12:55	GW	3	3														
OS-5R	-013	3/9/20	5:55	GW	3	3														
OS-5D	-014		9:05	GW	3	3														
OS-2R	-012		9:45	GW	3	3														
OS-7R	-017		10:35	GW	3	3														
OS-7D	-018		10:40	GW	3	3														
OS-9	-019		11:30	GW	3	3														
OS-9D	-026		11:35	GW	3	3														
OS-9R	-020	3/10/20	11:15	GW	3	3														
SPECIAL INSTRUCTIONS/COMMENTS Metals						TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day Standard (10 business days-No Surcharge) REQUESTED REPORT DATE 5/10				REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data Edata Yes No				INVOICE INFORMATION PO # BILL TO:						
See QAPP ☐																				
STATE WHERE SAMPLES WERE COLLECTED BLAUVELT, NY																				
RELINQUISHED BY [Signature]		RECEIVED BY [Signature]		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY										
Signature Lawrence F. Caddigan		Signature [Signature]		Signature		Signature		Signature		Signature										
Printed Name Lawrence F. Caddigan		Printed Name [Name]		Printed Name		Printed Name		Printed Name		Printed Name										
Firm Glaxo		Firm ALS		Firm		Firm		Firm		Firm										
Date/Time 3/10/20 16:00		Date/Time 3/10/20 0940		Date/Time		Date/Time		Date/Time		Date/Time										

R2002114

Xerox Corporation USA
Xerox - Blauvelt Wells

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Project Name Xerox - Blauvelt		Project Number 461-06-00		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																																			
Project Manager Larry Gooding		Report CC		PRESERVATIVE																																			
Company/Address GWS-Hydrology, P.C. 18 Bridge Street Montgomery, NY 12549		Email lgooding@hvc-rr.com		NUMBER OF CONTAINERS																																			
Phone # 845-457-9955		Sampler's Signature Larry Gooding		GC/MS VOCs • 8260 • 824 • CLP GC/MS SVOCs • 8270 • 825 GC VOCs • 8021 • 801/802 PESTICIDES • 8081 • 808 PCBs • 8092 • 808 METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below)																																			
Sampler's Printed Name Larry F. Gooding		Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____																																					
REMARKS/ ALTERNATE DESCRIPTION																																							
CLIENT SAMPLE ID		FOR OFFICE USE ONLY LAB ID		SAMPLING DATE		TIME		MATRIX																															
OS-12R		-023		3/10/20		12:00		GW		3		3																											
OS-15R		-024		3/10/20		13:00		GW		3		3																											
OS-15D		-025		3/10/20		12:45		GW		3		3																											
TRP-01 (TB1)		-011		-		-		AQ																															
TRP-02 (TB2)		-028		-		-		AQ																															
TRIP BLANK																																							
TRIP BLANK																																							
SPECIAL INSTRUCTIONS/COMMENTS Metals										TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day Standard (10 business days-No Surcharge) REQUESTED REPORT DATE SVD										REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data Edata Yes No										INVOICE INFORMATION PO # BILL TO:									
STATE WHERE SAMPLES WERE COLLECTED BLAUVELT, NEW YORK																																							
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY																													
Signature Larry F. Gooding		Signature Larry F. Gooding		Signature Larry F. Gooding		Signature Larry F. Gooding		Signature Larry F. Gooding		Signature Larry F. Gooding																													
Printed Name Larry F. Gooding		Printed Name Larry F. Gooding		Printed Name Larry F. Gooding		Printed Name Larry F. Gooding		Printed Name Larry F. Gooding		Printed Name Larry F. Gooding																													
Firm GWS		Firm GWS		Firm GWS		Firm GWS		Firm GWS		Firm GWS																													
Date/Time 3/10/20 16:00		Date/Time 3/10/20 0940		Date/Time 3/10/20 0940		Date/Time 3/10/20 0940		Date/Time 3/10/20 0940		Date/Time 3/10/20 0940																													
R2002114 Xerox Corporation USA Xerox - Blauvelt Wells										5																													

R2002114

5

Xerox Corporation USA
Xerox - Blauvelt Wells

Cooler Receipt and Preservation Check Form

Project/Client Xerox Folder Number _____Cooler received on 3/11/2020 by: ADCOURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	<u>(Y)</u> N
2	Custody papers properly completed (ink, signed)?	<u>(Y)</u> N
3	Did all bottles arrive in good condition (unbroken)?	<u>(Y)</u> N
4	Circle: <u>Wet Ice</u> Dry Ice Gel packs present?	<u>(Y)</u> N

5a	Perchlorate samples have required headspace?	Y N <u>NA</u>
5b	Did <u>VOA vials</u> Alk, or Sulfide have sig* bubbles?	Y <u>(N)</u> NA
6	Where did the bottles originate?	<u>ALS/ROC</u> CLIENT
7	Soil VOA received as: Bulk Encore 5035set	<u>NA</u>

8. Temperature Readings Date: 3/11/2020 Time: 1000 ID: IR#7 IR#10 From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>6.7°</u>	<u>7.5</u>					
Within 0-6°C?	Y <u>(N)</u>	Y <u>(N)</u>	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) Same Day Rule

& Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: R-002 by AD on 3/11/2020 at 1005
5035 samples placed in storage location: _____ by _____ on _____ at _____Cooler Breakdown/Preservation Check**: Date: 3/11/2020 Time: 1733 by: AD

9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO
13. Air Samples: Cassettes / Tubes Intact with MS? Canisters Pressurized YES NO

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
			Yes	No						
≥12		NaOH								
≤2		HNO ₃								
≤2		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add Na ₂ S ₂ O ₃ (625, 608, CN), ascorbic (phenol).					
		Na ₂ S ₂ O ₃								
		ZnAcetate	-	-						
		HCl	**	**						

**VOAs and 1664 Not to be tested before analysis.
Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).Bottle lot numbers: 9-315-001, 012720-1DC

Explain all Discrepancies/ Other Comments:

1 bag of ice in each cooler

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: AD
PC Secondary Review: _____

*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OW-1	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 10:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	11.04	☒ From inner casing	☐ From protective casing		
Bottom Depth	35.33	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.89	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	12.0	Well Volumes		3.09	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30.0				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.33	pH (SU)	pH (SU)		
temp @	12.36	temp @	temp @		
Cond (us/cm)	855	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	29.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.89	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	87.2	eH/ORP	eH/ORP		
Comments/Remarks	Slightly Turbid, (Fe Bacteria), No odor, No sheen.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OW-2	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 10:00 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	9.54	☒ From inner casing	☐ From protective casing		
Bottom Depth	32.85	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.73	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	11.8	Well Volumes		3.15	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30.0				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.18	pH (SU)	pH (SU)		
temp @	11.66	temp @	temp @		
Cond (us/cm)	971	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	12.1	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.65	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	72.0	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	PW-2/DUP-01	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 9:20 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	3"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	9.98	☐ From inner casing	☒ From protective casing		
Bottom Depth	20.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.37	Water Volume in Well (in gallons)		3.80	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	1 bails/gal	Number of Bails			
Volume Purged (gal)	13.5	Well Volumes		3.55	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☒ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~18				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.02	pH (SU)	pH (SU)		
temp @	9.57	temp @	temp @		
Cond (us/cm)	962	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	133.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	2.04	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	46.0	eH/ORP	eH/ORP		
Comments/Remarks	Iron color, no odor, no sheen, turbid				
	DUP-01 collected at 9:30 (8260 & 8015)				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	W-2	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 8:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	5.65	☐ From inner casing	☒ From protective casing		
Bottom Depth	13.98	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		1.33	
Well Condition	OK				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	2.00	Well Volumes		1.50	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
	☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer
	☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct
	☐ Other			☐ Stainless spoon	☐ Split spoon
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~13.5				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	-	pH (SU)	pH (SU)		
temp @	-	temp @	temp @		
Cond (us/cm)	-	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	-	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	-	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-	eH/ORP	eH/ORP		
Comments/Remarks	Allowed to recover, clear, no odor, no sheen				
	No field parameter measurement readings; no sample volume available for field measurements.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	MW-12	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 8:30 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	8.37	☒ From inner casing	☐ From protective casing		
Bottom Depth	14.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.97	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	1.5	Well Volumes		1.54	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~10'				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.92	pH (SU)	pH (SU)		
temp @	9.66	temp @	temp @		
Cond (us/cm)	1,175	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	13.8	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.8	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	174.4	eH/ORP	eH/ORP		
Comments/Remarks	Allowed to recover clear, no odor, no sheen.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	MW-13	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 8:50 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.10	☒ From inner casing	☐ From protective casing		
Bottom Depth	15.60	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.56	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	4 bails/gal	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	1.25	Well Volumes		2.23	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~12'				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.84	pH (SU)	pH (SU)		
temp @	9.57	temp @	temp @		
Cond (us/cm)	700	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	272	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	3.54	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	24.7	eH/ORP	eH/ORP		
Comments/Remarks	turbid, floaters, suspended organic debris (Fe bacteria)				
	no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	RI-6	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 11:05 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	11.60	☒ From inner casing	☐ From protective casing		
Bottom Depth	23.55	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		1.91	
Well Condition	Poor				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	6.50	Well Volumes		3.40	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.92	pH (SU)	pH (SU)		
temp @	12.86	temp @	temp @		
Cond (us/cm)	726	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	4.76	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	2.81	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	140.9	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	U6-D	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 11:30 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	6.15	☐ From inner casing	☒ From protective casing		
Bottom Depth	26.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.22	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	6.3	Well Volumes		1.94	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.05	pH (SU)	pH (SU)		
temp @	11.87	temp @	temp @		
Cond (us/cm)	728	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	21.9	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.40	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	125.1	eH/ORP	eH/ORP		
Comments/Remarks	Clear, No odor, No sheen.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-2R	Project Location	Blauvelt - Xerox	Sample Date/Time	3/10/20 9:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Breezy - Temp in 40's in AM, 50's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☒ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	18.5	☐ From inner casing	☐ From protective casing		
Bottom Depth	46.35	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.46	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☐ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	1 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	14.0	Well Volumes		3.14	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~45				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.33	pH (SU)	pH (SU)		
temp @	13.66	temp @	temp @		
Cond (us/cm)	801	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	2.41	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.79	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	113.6	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-5R	Project Location	Blauvelt - Xerox	Sample Date/Time	3/10/20 8:55 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Breezy - Temp in 40's in AM, 50's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	9.17	☐ From inner casing	☒ From protective casing		
Bottom Depth	37.85	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.59	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☐ No		
Pumping Rate		Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	14.00	Well Volumes		3.05	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☐ No		
Metals field filtered?		☐ Yes	☐ No		
Depth of sample (ft.)	~25'				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.24	pH (SU)	pH (SU)		
temp @	12.71	temp @	temp @		
Cond (us/cm)	804	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	5.43	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.97	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	137.2	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-5D	Project Location	Blauvelt - Xerox	Sample Date/Time	3/10/20 9:05 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Breezy - Temp in 40's in AM, 50's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	13.77	☒ From inner casing	☐ From protective casing		
Bottom Depth	74.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		39.44	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☐ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 gpm	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	165.0	Well Volumes		4.18	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~70				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.44	pH (SU)	pH (SU)		
temp @	12.87	temp @	temp @		
Cond (us/cm)	679	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	2.15	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.74	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	139.8	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-6	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 1:35 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	10.75	☒ From inner casing	☐ From protective casing		
Bottom Depth	23.65	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		2.06	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	6.50	Well Volumes		3.15	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.28	pH (SU)	pH (SU)		
temp @	10.99	temp @	temp @		
Cond (us/cm)	717	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	81.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.30	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	155.1	eH/ORP	eH/ORP		
Comments/Remarks	Turbid (orange), no odor, no sheen				
	6 VOAs total including 3 VOAs for QA/QC (MS/MSD)				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-6R	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 2:00 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	13.17	☒ From inner casing	☐ From protective casing		
Bottom Depth	43.3	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.82	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	6.3	Well Volumes		1.30	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Submersible	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~35				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.32	pH (SU)	pH (SU)		
temp @	12.66	temp @	temp @		
Cond (us/cm)	814	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	120	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.17	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	116.4	eH/ORP	eH/ORP		
Comments/Remarks	Clear to slightly turbid (orange color), no odor, no sheen; minor Fe bacteria particles in sample				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-7R	Project Location	Blauvelt - Xerox	Sample Date/Time	3/10/20 10:35 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Breezy - Temp in 40's in AM, 50's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.48	☒ From inner casing	☐ From protective casing		
Bottom Depth	36.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.84	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	12.0	Well Volumes		3.13	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.24	pH (SU)	pH (SU)		
temp @	11.71	temp @	temp @		
Cond (us/cm)	884	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	6.85	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	7.67	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	145.2	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-7D	Project Location	Blauvelt - Xerox	Sample Date/Time	3/10/20 10:40 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Breezy - Temp in 40's in AM, 50's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	9.22	☒ From inner casing	☐ From protective casing		
Bottom Depth	68.00	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		38.21	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☐ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 gpm	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	120.0	Well Volumes		3.14	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☒ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~65				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.36	pH (SU)	pH (SU)		
temp @	12.48	temp @	temp @		
Cond (us/cm)	723	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.73	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.71	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	142.4	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-9/DUP-02	Project Location	Blauvelt - Xerox	Sample Date/Time	3/10/20 11:30 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Breezy - Temp in 40's in AM, 50's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	3.76	☒ From inner casing	☐ From protective casing		
Bottom Depth	20.50	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		2.68	
Well Condition	Poor				

MONITORING WELL PURGE DATA					
☐ Submersible	☒ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☐ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	0.25 gpm	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	8.5	Well Volumes		3.17	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Peristaltic pump	☐ Hand corer	☒ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☒ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☐ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~19				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.56	pH (SU)	pH (SU)		
temp @	12.79	temp @	temp @		
Cond (us/cm)	828	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	8.13	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	3.00	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	97.5	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				
	Duplicate (DUP-02) collected at 11:35				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-9R	Project Location	Blauvelt - Xerox	Sample Date/Time	3/10/20 11:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Breezy - Temp in 40's in AM, 50's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	37.88	☒ From inner casing	☐ From protective casing		
Bottom Depth	43.80	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.95	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	1.5	Well Volumes		1.58	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~43				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	11.38	pH (SU)	pH (SU)		
temp @	14.08	temp @	temp @		
Cond (us/cm)	416	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	2.77	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	9.42	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	63.2	eH/ORP	eH/ORP		
Comments/Remarks	Evacuated after 1.5 gallon purge				
	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-11R	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 12:50 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	21.37	☒ From inner casing	☐ From protective casing		
Bottom Depth	44.80	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.75	
Well Condition	good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	12.0	Well Volumes		3.20	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~35				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.31	pH (SU)	pH (SU)		
temp @	11.97	temp @	temp @		
Cond (us/cm)	1,132	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	9.42	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.21	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	74.5	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-11D	Project Location	Blauvelt - Xerox	Sample Date/Time	3/9/20 12:55 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 40's in AM, 60's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	20.16	☐ From inner casing	☐ From protective casing		
Bottom Depth	75.40	☐ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		35.91	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	120.0	Well Volumes		3.34	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~70				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.58	pH (SU)	pH (SU)		
temp @	12.13	temp @	temp @		
Cond (us/cm)	647	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	0.78	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.54	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	74.2	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-12R	Project Location	Blauvelt - Xerox	Sample Date/Time	3/10/20 12:00 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Breezy - Temp in 40's in AM, 50's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	11.05	☒ From inner casing	☐ From protective casing		
Bottom Depth	33.00	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.51	
Well Condition	good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal.	Number of Bails			
Volume Purged (gal)	6.0	Well Volumes		1.71	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~32				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	8.72	pH (SU)	pH (SU)		
temp @	14.13	temp @	temp @		
Cond (us/cm)	372	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	145.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.78	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	146.8	eH/ORP	eH/ORP		
Comments/Remarks	Turbid (orange color Fe bacteria), no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-15R	Project Location	Blauvelt - Xerox	Sample Date/Time	3/10/20 1:00 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Breezy - Temp in 40's in AM, 50's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	17.00	☒ From inner casing	☐ From protective casing		
Bottom Depth	49.40	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		5.18	
Well Condition	good				

MONITORING WELL PURGE DATA					
☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☐ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	1 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	17.0	Well Volumes		3.28	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~47				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.30	pH (SU)	pH (SU)		
temp @	14.31	temp @	temp @		
Cond (us/cm)	818	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	2.71	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	3.44	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	139.4	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-15D	Project Location	Blauvelt - Xerox	Sample Date/Time	3/10/20 12:45 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Breezy - Temp in 40's in AM, 50's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☒ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.11	☒ From inner casing	☐ From protective casing		
Bottom Depth	82.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		11.22	
Well Condition	good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☒ PVC Bailer		
☐ Poly bailer	☐ Teflon bailer	☒ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	2.0	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	40.0	Well Volumes		3.56	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~75				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.30	pH (SU)	pH (SU)		
temp @	14.31	temp @	temp @		
Cond (us/cm)	826	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.49	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.17	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	186.5	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

BLAUVELT-XEROX SITE
NYSDEC SITE NO. 3-044-021
BLAUVELT, ROCKLAND COUNTY, NEW YORK
QUARTERLY GROUNDWATER MONITORING PROGRAM
1st QUARTER - MARCH 2020 SAMPLING EVENT

SUMMARY OF STATIC WATER LEVEL MEASUREMENTS

Monitoring Well ID	Static Water Level*	Comments
On-Site Groundwater Monitoring Wells		
W-2**	5.65	TOC (no inner casing)
MW-12	8.37	
MW-13	12.10	
PW-2**	9.98	TOC (no inner casing)
OW-1	11.04	
OW-2	9.54	
RI-6	11.60	
U-6D	6.15	
Off-Site Groundwater Monitoring Wells		
OS-2R	18.50	
OS-5R	9.17	
OS-5D	13.77	
OS-6	10.75	
OS-6R	13.17	
OS-7R	12.48	
OS-7D	9.22	
OS-9	3.76	Kinked at ~5.5.feet
OS-9R	37.88	
OS-11R	21.37	
OS-11D	20.16	
OS-12R	11.05	
OS-15R	17.00	
OS-15D	12.11	

Notes:

- * Static water levels were collected from the top of the inner casing (TIC) except where noted.
- ** Static water levels were collected from the top of the outer steel casing (TOC).



Miscellaneous Forms

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.	+	Correlation coefficient for MSA is <0.995.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).	N	Inorganics- Matrix spike recovery was outside laboratory limits.
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.	N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.	S	Concentration has been determined using Method of Standard Additions (MSA).
E	Organics- Concentration has exceeded the calibration range for that specific analysis.	W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.	P	Concentration >40% difference between the two GC columns.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.	C	Confirmed by GC/MS
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.	Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (100% Difference between two GC columns).
#	Spike was diluted out.	X	See Case Narrative for discussion.
		MRL	Method Reporting Limit. Also known as:
		LOQ	Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
		MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
		LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
		ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.



Rochester Lab ID # for State Certifications¹

Connecticut ID # PH0556	Maine ID #NY0032	Pennsylvania ID# 68-786
Delaware Approved	New Hampshire ID # 2941	Rhode Island ID # 158
DoD ELAP #65817	New York ID # 10145	Virginia #460167
Florida ID # E87674	North Carolina #676	

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to <https://www.alsglobal.com/locations/americas/north-america/usa/new-york/rochester-environmental>

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
8015C	Water	Mineral Spirits
8260C	Water	Total Target Volatiles (TTV)

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114

Sample Name: W-2 2020 Q1
Lab Code: R2002114-001
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8015C
8260C

Extracted/Digested By
JMISIUREWICZ

Analyzed By
AFELSER
KRUEST

Sample Name: U-6D 2020 Q1
Lab Code: R2002114-002
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: MW-12 2020 Q1
Lab Code: R2002114-003
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: MW-12 2020 Q1
Lab Code: R2002114-003.R01
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114

Sample Name: MW-13 2020 Q1
Lab Code: R2002114-004
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: OW-1 2020 Q1
Lab Code: R2002114-005
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OW-2 2020 Q1
Lab Code: R2002114-006
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: PW-2 2020 Q1
Lab Code: R2002114-007
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114

Sample Name: RI-6 2020 Q1
Lab Code: R2002114-008
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: DUP-01 2020 Q1
Lab Code: R2002114-009
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: EB-01 2020 Q1
Lab Code: R2002114-010
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: TRIP BLANK-01 2020 Q1
Lab Code: R2002114-011
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114

Sample Name: OS-2R 2020 Q1
Lab Code: R2002114-012
Sample Matrix: Water

Date Collected: 03/10/20**Date Received:** 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-5R 2020 Q1
Lab Code: R2002114-013
Sample Matrix: Water

Date Collected: 03/10/20**Date Received:** 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-5D 2020 Q1
Lab Code: R2002114-014
Sample Matrix: Water

Date Collected: 03/10/20**Date Received:** 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-6 2020 Q1
Lab Code: R2002114-015
Sample Matrix: Water

Date Collected: 03/9/20**Date Received:** 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-6R 2020 Q1
Lab Code: R2002114-016
Sample Matrix: Water

Date Collected: 03/9/20**Date Received:** 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114

Sample Name: OS-7R 2020 Q1
Lab Code: R2002114-017
Sample Matrix: Water

Date Collected: 03/10/20**Date Received:** 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
AMOSSES

Sample Name: OS-7D 2020 Q1
Lab Code: R2002114-018
Sample Matrix: Water

Date Collected: 03/10/20**Date Received:** 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
AMOSSES

Sample Name: OS-9 2020 Q1
Lab Code: R2002114-019
Sample Matrix: Water

Date Collected: 03/10/20**Date Received:** 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
AMOSSES

Sample Name: OS-9R 2020 Q1
Lab Code: R2002114-020
Sample Matrix: Water

Date Collected: 03/10/20**Date Received:** 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
AMOSSES

Sample Name: OS-11R 2020 Q1
Lab Code: R2002114-021
Sample Matrix: Water

Date Collected: 03/9/20**Date Received:** 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114

Sample Name: OS-11D 2020 Q1
Lab Code: R2002114-022
Sample Matrix: Water

Date Collected: 03/9/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-12R 2020 Q1
Lab Code: R2002114-023
Sample Matrix: Water

Date Collected: 03/10/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
AMOSSES

Sample Name: OS-15R 2020 Q1
Lab Code: R2002114-024
Sample Matrix: Water

Date Collected: 03/10/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
AMOSSES

Sample Name: OS-15D 2020 Q1
Lab Code: R2002114-025
Sample Matrix: Water

Date Collected: 03/10/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
AMOSSES

Sample Name: DUP-02 2020 Q1
Lab Code: R2002114-026
Sample Matrix: Water

Date Collected: 03/10/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
AMOSSES

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114

Sample Name: TRIP BLANK-02 2020 Q1
Lab Code: R2002114-028
Sample Matrix: Water

Date Collected: 03/10/20
Date Received: 03/11/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
AMOSSES



INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	



Sample Results

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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 08:15
Date Received: 03/11/20 09:40

Sample Name: W-2 2020 Q1
Lab Code: R2002114-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 15:39	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 15:39	
Bromoform	5.0 U	5.0	1	03/12/20 15:39	
Bromomethane	5.0 U	5.0	1	03/12/20 15:39	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 15:39	
Chlorobenzene	5.0 U	5.0	1	03/12/20 15:39	
Chloroethane	5.0 U	5.0	1	03/12/20 15:39	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 15:39	
Chloroform	5.0 U	5.0	1	03/12/20 15:39	
Chloromethane	5.0 U	5.0	1	03/12/20 15:39	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 15:39	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 15:39	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 15:39	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 15:39	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 15:39	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 15:39	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 15:39	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 15:39	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 15:39	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 15:39	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 15:39	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 15:39	
Ethylbenzene	5.0 U	5.0	1	03/12/20 15:39	
Methylene Chloride	5.0 U	5.0	1	03/12/20 15:39	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 15:39	
Toluene	5.0 U	5.0	1	03/12/20 15:39	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 15:39	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 15:39	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 15:39	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 15:39	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 15:39	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 15:39	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 15:39	
o-Xylene	5.0 U	5.0	1	03/12/20 15:39	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/12/20 15:39	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 08:15
Date Received: 03/11/20 09:40

Sample Name: W-2 2020 Q1
Lab Code: R2002114-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	03/12/20 15:39	
Dibromofluoromethane	95	89 - 119	03/12/20 15:39	
Toluene-d8	100	87 - 121	03/12/20 15:39	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 11:30
Date Received: 03/11/20 09:40

Sample Name: U-6D 2020 Q1
Lab Code: R2002114-002

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 16:01	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 16:01	
Bromoform	5.0 U	5.0	1	03/12/20 16:01	
Bromomethane	5.0 U	5.0	1	03/12/20 16:01	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 16:01	
Chlorobenzene	5.0 U	5.0	1	03/12/20 16:01	
Chloroethane	5.0 U	5.0	1	03/12/20 16:01	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 16:01	
Chloroform	5.0 U	5.0	1	03/12/20 16:01	
Chloromethane	5.0 U	5.0	1	03/12/20 16:01	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 16:01	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 16:01	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 16:01	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 16:01	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 16:01	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 16:01	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 16:01	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 16:01	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 16:01	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 16:01	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 16:01	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 16:01	
Ethylbenzene	5.0 U	5.0	1	03/12/20 16:01	
Methylene Chloride	5.0 U	5.0	1	03/12/20 16:01	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 16:01	
Toluene	5.0 U	5.0	1	03/12/20 16:01	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 16:01	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 16:01	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 16:01	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 16:01	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 16:01	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 16:01	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 16:01	
o-Xylene	5.0 U	5.0	1	03/12/20 16:01	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/12/20 16:01	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 11:30
Date Received: 03/11/20 09:40

Sample Name: U-6D 2020 Q1
Lab Code: R2002114-002

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	03/12/20 16:01	
Dibromofluoromethane	97	89 - 119	03/12/20 16:01	
Toluene-d8	102	87 - 121	03/12/20 16:01	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 08:30
Date Received: 03/11/20 09:40

Sample Name: MW-12 2020 Q1
Lab Code: R2002114-003

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	500 U	500	100	03/12/20 15:17	
Bromodichloromethane	500 U	500	100	03/12/20 15:17	
Bromoform	500 U	500	100	03/12/20 15:17	
Bromomethane	500 U	500	100	03/12/20 15:17	
Carbon Tetrachloride	500 U	500	100	03/12/20 15:17	
Chlorobenzene	500 U	500	100	03/12/20 15:17	
Chloroethane	500 U	500	100	03/12/20 15:17	
2-Chloroethyl Vinyl Ether	500 U	500	100	03/12/20 15:17	
Chloroform	500 U	500	100	03/12/20 15:17	
Chloromethane	500 U	500	100	03/12/20 15:17	
Dibromochloromethane	500 U	500	100	03/12/20 15:17	
1,2-Dichlorobenzene	500 U	500	100	03/12/20 15:17	
1,3-Dichlorobenzene	500 U	500	100	03/12/20 15:17	
1,4-Dichlorobenzene	500 U	500	100	03/12/20 15:17	
1,1-Dichloroethane (1,1-DCA)	500 U	500	100	03/12/20 15:17	
1,2-Dichloroethane	500 U	500	100	03/12/20 15:17	
1,1-Dichloroethene (1,1-DCE)	500 U	500	100	03/12/20 15:17	
trans-1,2-Dichloroethene	500 U	500	100	03/12/20 15:17	
cis-1,2-Dichloroethene	19000 D	1000	200	03/12/20 20:01	
1,2-Dichloropropane	500 U	500	100	03/12/20 15:17	
cis-1,3-Dichloropropene	500 U	500	100	03/12/20 15:17	
trans-1,3-Dichloropropene	500 U	500	100	03/12/20 15:17	
Ethylbenzene	500 U	500	100	03/12/20 15:17	
Methylene Chloride	500 U	500	100	03/12/20 15:17	
1,1,2,2-Tetrachloroethane	500 U	500	100	03/12/20 15:17	
Toluene	500 U	500	100	03/12/20 15:17	
1,1,1-Trichloroethane (TCA)	500 U	500	100	03/12/20 15:17	
1,1,2-Trichloroethane	500 U	500	100	03/12/20 15:17	
Tetrachloroethene (PCE)	500 U	500	100	03/12/20 15:17	
Trichloroethene (TCE)	500 U	500	100	03/12/20 15:17	
Trichlorofluoromethane (CFC 11)	500 U	500	100	03/12/20 15:17	
Vinyl Chloride	720	500	100	03/12/20 15:17	
m,p-Xylenes	500 U	500	100	03/12/20 15:17	
o-Xylene	500 U	500	100	03/12/20 15:17	
Total Target Volatiles (TTV)	19720.0	500.0	100	03/12/20 15:17	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 08:30
Date Received: 03/11/20 09:40

Sample Name: MW-12 2020 Q1
Lab Code: R2002114-003

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	03/12/20 15:17	
Dibromofluoromethane	97	89 - 119	03/12/20 15:17	
Toluene-d8	100	87 - 121	03/12/20 15:17	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 08:50
Date Received: 03/11/20 09:40

Sample Name: MW-13 2020 Q1
Lab Code: R2002114-004

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 16:23	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 16:23	
Bromoform	5.0 U	5.0	1	03/12/20 16:23	
Bromomethane	5.0 U	5.0	1	03/12/20 16:23	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 16:23	
Chlorobenzene	5.0 U	5.0	1	03/12/20 16:23	
Chloroethane	5.0 U	5.0	1	03/12/20 16:23	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 16:23	
Chloroform	5.0 U	5.0	1	03/12/20 16:23	
Chloromethane	5.0 U	5.0	1	03/12/20 16:23	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 16:23	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 16:23	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 16:23	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 16:23	
1,1-Dichloroethane (1,1-DCA)	5.3	5.0	1	03/12/20 16:23	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 16:23	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 16:23	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 16:23	
cis-1,2-Dichloroethene	15	5.0	1	03/12/20 16:23	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 16:23	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 16:23	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 16:23	
Ethylbenzene	5.0 U	5.0	1	03/12/20 16:23	
Methylene Chloride	5.0 U	5.0	1	03/12/20 16:23	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 16:23	
Toluene	5.0 U	5.0	1	03/12/20 16:23	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 16:23	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 16:23	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 16:23	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 16:23	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 16:23	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 16:23	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 16:23	
o-Xylene	5.0 U	5.0	1	03/12/20 16:23	
Total Target Volatiles (TTV)	20.3	5.0	1	03/12/20 16:23	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 08:50
Date Received: 03/11/20 09:40

Sample Name: MW-13 2020 Q1
Lab Code: R2002114-004

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	03/12/20 16:23	
Dibromofluoromethane	100	89 - 119	03/12/20 16:23	
Toluene-d8	104	87 - 121	03/12/20 16:23	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 10:15
Date Received: 03/11/20 09:40

Sample Name: OW-1 2020 Q1
Lab Code: R2002114-005

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 16:44	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 16:44	
Bromoform	5.0 U	5.0	1	03/12/20 16:44	
Bromomethane	5.0 U	5.0	1	03/12/20 16:44	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 16:44	
Chlorobenzene	5.0 U	5.0	1	03/12/20 16:44	
Chloroethane	5.0 U	5.0	1	03/12/20 16:44	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 16:44	
Chloroform	5.0 U	5.0	1	03/12/20 16:44	
Chloromethane	5.0 U	5.0	1	03/12/20 16:44	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 16:44	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 16:44	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 16:44	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 16:44	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 16:44	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 16:44	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 16:44	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 16:44	
cis-1,2-Dichloroethene	22	5.0	1	03/12/20 16:44	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 16:44	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 16:44	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 16:44	
Ethylbenzene	5.0 U	5.0	1	03/12/20 16:44	
Methylene Chloride	5.0 U	5.0	1	03/12/20 16:44	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 16:44	
Toluene	5.0 U	5.0	1	03/12/20 16:44	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 16:44	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 16:44	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 16:44	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 16:44	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 16:44	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 16:44	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 16:44	
o-Xylene	5.0 U	5.0	1	03/12/20 16:44	
Total Target Volatiles (TTV)	22.0	5.0	1	03/12/20 16:44	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 10:15
Date Received: 03/11/20 09:40

Sample Name: OW-1 2020 Q1
Lab Code: R2002114-005

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	03/12/20 16:44	
Dibromofluoromethane	97	89 - 119	03/12/20 16:44	
Toluene-d8	101	87 - 121	03/12/20 16:44	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 10:00
Date Received: 03/11/20 09:40

Sample Name: OW-2 2020 Q1
Lab Code: R2002114-006

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 19:39	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 19:39	
Bromoform	5.0 U	5.0	1	03/12/20 19:39	
Bromomethane	5.0 U	5.0	1	03/12/20 19:39	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 19:39	
Chlorobenzene	5.0 U	5.0	1	03/12/20 19:39	
Chloroethane	5.0 U	5.0	1	03/12/20 19:39	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 19:39	
Chloroform	5.0 U	5.0	1	03/12/20 19:39	
Chloromethane	5.0 U	5.0	1	03/12/20 19:39	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 19:39	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 19:39	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 19:39	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 19:39	
1,1-Dichloroethane (1,1-DCA)	10	5.0	1	03/12/20 19:39	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 19:39	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 19:39	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 19:39	
cis-1,2-Dichloroethene	110	5.0	1	03/12/20 19:39	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 19:39	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 19:39	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 19:39	
Ethylbenzene	5.0 U	5.0	1	03/12/20 19:39	
Methylene Chloride	5.0 U	5.0	1	03/12/20 19:39	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 19:39	
Toluene	5.0 U	5.0	1	03/12/20 19:39	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 19:39	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 19:39	
Tetrachloroethene (PCE)	5.4	5.0	1	03/12/20 19:39	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 19:39	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 19:39	
Vinyl Chloride	8.8	5.0	1	03/12/20 19:39	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 19:39	
o-Xylene	5.0 U	5.0	1	03/12/20 19:39	
Total Target Volatiles (TTV)	134.2	5.0	1	03/12/20 19:39	

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dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 10:00
Date Received: 03/11/20 09:40

Sample Name: OW-2 2020 Q1
Lab Code: R2002114-006

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	03/12/20 19:39	
Dibromofluoromethane	96	89 - 119	03/12/20 19:39	
Toluene-d8	100	87 - 121	03/12/20 19:39	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 09:20
Date Received: 03/11/20 09:40

Sample Name: PW-2 2020 Q1
Lab Code: R2002114-007

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	130 U	130	25	03/12/20 14:34	
Bromodichloromethane	130 U	130	25	03/12/20 14:34	
Bromoform	130 U	130	25	03/12/20 14:34	
Bromomethane	130 U	130	25	03/12/20 14:34	
Carbon Tetrachloride	130 U	130	25	03/12/20 14:34	
Chlorobenzene	130 U	130	25	03/12/20 14:34	
Chloroethane	130 U	130	25	03/12/20 14:34	
2-Chloroethyl Vinyl Ether	130 U	130	25	03/12/20 14:34	
Chloroform	130 U	130	25	03/12/20 14:34	
Chloromethane	130 U	130	25	03/12/20 14:34	
Dibromochloromethane	130 U	130	25	03/12/20 14:34	
1,2-Dichlorobenzene	130 U	130	25	03/12/20 14:34	
1,3-Dichlorobenzene	130 U	130	25	03/12/20 14:34	
1,4-Dichlorobenzene	130 U	130	25	03/12/20 14:34	
1,1-Dichloroethane (1,1-DCA)	130 U	130	25	03/12/20 14:34	
1,2-Dichloroethane	130 U	130	25	03/12/20 14:34	
1,1-Dichloroethene (1,1-DCE)	130 U	130	25	03/12/20 14:34	
trans-1,2-Dichloroethene	130 U	130	25	03/12/20 14:34	
cis-1,2-Dichloroethene	3300	130	25	03/12/20 14:34	
1,2-Dichloropropane	130 U	130	25	03/12/20 14:34	
cis-1,3-Dichloropropene	130 U	130	25	03/12/20 14:34	
trans-1,3-Dichloropropene	130 U	130	25	03/12/20 14:34	
Ethylbenzene	130 U	130	25	03/12/20 14:34	
Methylene Chloride	130 U	130	25	03/12/20 14:34	
1,1,2,2-Tetrachloroethane	130 U	130	25	03/12/20 14:34	
Toluene	130 U	130	25	03/12/20 14:34	
1,1,1-Trichloroethane (TCA)	130 U	130	25	03/12/20 14:34	
1,1,2-Trichloroethane	130 U	130	25	03/12/20 14:34	
Tetrachloroethene (PCE)	130 U	130	25	03/12/20 14:34	
Trichloroethene (TCE)	130 U	130	25	03/12/20 14:34	
Trichlorofluoromethane (CFC 11)	130 U	130	25	03/12/20 14:34	
Vinyl Chloride	160	130	25	03/12/20 14:34	
m,p-Xylenes	130 U	130	25	03/12/20 14:34	
o-Xylene	130 U	130	25	03/12/20 14:34	
Total Target Volatiles (TTV)	3460.0	125.0	25	03/12/20 14:34	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 09:20
Date Received: 03/11/20 09:40

Sample Name: PW-2 2020 Q1
Lab Code: R2002114-007

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	03/12/20 14:34	
Dibromofluoromethane	98	89 - 119	03/12/20 14:34	
Toluene-d8	102	87 - 121	03/12/20 14:34	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 11:05
Date Received: 03/11/20 09:40

Sample Name: RI-6 2020 Q1
Lab Code: R2002114-008

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 17:06	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 17:06	
Bromoform	5.0 U	5.0	1	03/12/20 17:06	
Bromomethane	5.0 U	5.0	1	03/12/20 17:06	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 17:06	
Chlorobenzene	5.0 U	5.0	1	03/12/20 17:06	
Chloroethane	5.0 U	5.0	1	03/12/20 17:06	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 17:06	
Chloroform	5.0 U	5.0	1	03/12/20 17:06	
Chloromethane	5.0 U	5.0	1	03/12/20 17:06	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 17:06	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 17:06	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 17:06	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 17:06	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 17:06	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 17:06	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 17:06	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 17:06	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 17:06	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 17:06	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 17:06	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 17:06	
Ethylbenzene	5.0 U	5.0	1	03/12/20 17:06	
Methylene Chloride	5.0 U	5.0	1	03/12/20 17:06	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 17:06	
Toluene	5.0 U	5.0	1	03/12/20 17:06	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 17:06	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 17:06	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 17:06	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 17:06	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 17:06	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 17:06	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 17:06	
o-Xylene	5.0 U	5.0	1	03/12/20 17:06	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/12/20 17:06	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 11:05
Date Received: 03/11/20 09:40

Sample Name: RI-6 2020 Q1
Lab Code: R2002114-008

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	03/12/20 17:06	
Dibromofluoromethane	91	89 - 119	03/12/20 17:06	
Toluene-d8	98	87 - 121	03/12/20 17:06	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 09:25
Date Received: 03/11/20 09:40

Sample Name: DUP-01 2020 Q1
Lab Code: R2002114-009

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	130 U	130	25	03/12/20 14:12	
Bromodichloromethane	130 U	130	25	03/12/20 14:12	
Bromoform	130 U	130	25	03/12/20 14:12	
Bromomethane	130 U	130	25	03/12/20 14:12	
Carbon Tetrachloride	130 U	130	25	03/12/20 14:12	
Chlorobenzene	130 U	130	25	03/12/20 14:12	
Chloroethane	130 U	130	25	03/12/20 14:12	
2-Chloroethyl Vinyl Ether	130 U	130	25	03/12/20 14:12	
Chloroform	130 U	130	25	03/12/20 14:12	
Chloromethane	130 U	130	25	03/12/20 14:12	
Dibromochloromethane	130 U	130	25	03/12/20 14:12	
1,2-Dichlorobenzene	130 U	130	25	03/12/20 14:12	
1,3-Dichlorobenzene	130 U	130	25	03/12/20 14:12	
1,4-Dichlorobenzene	130 U	130	25	03/12/20 14:12	
1,1-Dichloroethane (1,1-DCA)	130 U	130	25	03/12/20 14:12	
1,2-Dichloroethane	130 U	130	25	03/12/20 14:12	
1,1-Dichloroethene (1,1-DCE)	130 U	130	25	03/12/20 14:12	
trans-1,2-Dichloroethene	130 U	130	25	03/12/20 14:12	
cis-1,2-Dichloroethene	3300	130	25	03/12/20 14:12	
1,2-Dichloropropane	130 U	130	25	03/12/20 14:12	
cis-1,3-Dichloropropene	130 U	130	25	03/12/20 14:12	
trans-1,3-Dichloropropene	130 U	130	25	03/12/20 14:12	
Ethylbenzene	130 U	130	25	03/12/20 14:12	
Methylene Chloride	130 U	130	25	03/12/20 14:12	
1,1,2,2-Tetrachloroethane	130 U	130	25	03/12/20 14:12	
Toluene	130 U	130	25	03/12/20 14:12	
1,1,1-Trichloroethane (TCA)	130 U	130	25	03/12/20 14:12	
1,1,2-Trichloroethane	130 U	130	25	03/12/20 14:12	
Tetrachloroethene (PCE)	130 U	130	25	03/12/20 14:12	
Trichloroethene (TCE)	130 U	130	25	03/12/20 14:12	
Trichlorofluoromethane (CFC 11)	130 U	130	25	03/12/20 14:12	
Vinyl Chloride	160	130	25	03/12/20 14:12	
m,p-Xylenes	130 U	130	25	03/12/20 14:12	
o-Xylene	130 U	130	25	03/12/20 14:12	
Total Target Volatiles (TTV)	3460.0	125.0	25	03/12/20 14:12	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 09:25
Date Received: 03/11/20 09:40

Sample Name: DUP-01 2020 Q1
Lab Code: R2002114-009

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	03/12/20 14:12	
Dibromofluoromethane	94	89 - 119	03/12/20 14:12	
Toluene-d8	98	87 - 121	03/12/20 14:12	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 07:55
Date Received: 03/11/20 09:40

Sample Name: EB-01 2020 Q1
Lab Code: R2002114-010

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 13:28	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 13:28	
Bromoform	5.0 U	5.0	1	03/12/20 13:28	
Bromomethane	5.0 U	5.0	1	03/12/20 13:28	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 13:28	
Chlorobenzene	5.0 U	5.0	1	03/12/20 13:28	
Chloroethane	5.0 U	5.0	1	03/12/20 13:28	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 13:28	
Chloroform	5.0 U	5.0	1	03/12/20 13:28	
Chloromethane	5.0 U	5.0	1	03/12/20 13:28	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 13:28	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 13:28	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 13:28	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 13:28	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 13:28	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 13:28	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 13:28	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 13:28	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 13:28	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 13:28	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 13:28	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 13:28	
Ethylbenzene	5.0 U	5.0	1	03/12/20 13:28	
Methylene Chloride	5.0 U	5.0	1	03/12/20 13:28	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 13:28	
Toluene	5.0 U	5.0	1	03/12/20 13:28	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 13:28	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 13:28	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 13:28	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 13:28	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 13:28	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 13:28	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 13:28	
o-Xylene	5.0 U	5.0	1	03/12/20 13:28	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/12/20 13:28	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 07:55
Date Received: 03/11/20 09:40

Sample Name: EB-01 2020 Q1
Lab Code: R2002114-010

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	03/12/20 13:28	
Dibromofluoromethane	97	89 - 119	03/12/20 13:28	
Toluene-d8	102	87 - 121	03/12/20 13:28	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20
Date Received: 03/11/20 09:40

Sample Name: TRIP BLANK-01 2020 Q1
Lab Code: R2002114-011

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 13:07	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 13:07	
Bromoform	5.0 U	5.0	1	03/12/20 13:07	
Bromomethane	5.0 U	5.0	1	03/12/20 13:07	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 13:07	
Chlorobenzene	5.0 U	5.0	1	03/12/20 13:07	
Chloroethane	5.0 U	5.0	1	03/12/20 13:07	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 13:07	
Chloroform	5.0 U	5.0	1	03/12/20 13:07	
Chloromethane	5.0 U	5.0	1	03/12/20 13:07	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 13:07	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 13:07	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 13:07	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 13:07	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 13:07	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 13:07	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 13:07	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 13:07	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 13:07	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 13:07	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 13:07	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 13:07	
Ethylbenzene	5.0 U	5.0	1	03/12/20 13:07	
Methylene Chloride	5.0 U	5.0	1	03/12/20 13:07	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 13:07	
Toluene	5.0 U	5.0	1	03/12/20 13:07	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 13:07	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 13:07	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 13:07	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 13:07	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 13:07	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 13:07	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 13:07	
o-Xylene	5.0 U	5.0	1	03/12/20 13:07	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/12/20 13:07	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20
Date Received: 03/11/20 09:40

Sample Name: TRIP BLANK-01 2020 Q1
Lab Code: R2002114-011

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	03/12/20 13:07	
Dibromofluoromethane	96	89 - 119	03/12/20 13:07	
Toluene-d8	99	87 - 121	03/12/20 13:07	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 09:45
Date Received: 03/11/20 09:40

Sample Name: OS-2R 2020 Q1
Lab Code: R2002114-012

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 18:34	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 18:34	
Bromoform	5.0 U	5.0	1	03/12/20 18:34	
Bromomethane	5.0 U	5.0	1	03/12/20 18:34	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 18:34	
Chlorobenzene	5.0 U	5.0	1	03/12/20 18:34	
Chloroethane	5.0 U	5.0	1	03/12/20 18:34	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 18:34	
Chloroform	5.0 U	5.0	1	03/12/20 18:34	
Chloromethane	5.0 U	5.0	1	03/12/20 18:34	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 18:34	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 18:34	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 18:34	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 18:34	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 18:34	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 18:34	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 18:34	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 18:34	
cis-1,2-Dichloroethene	95	5.0	1	03/12/20 18:34	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 18:34	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 18:34	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 18:34	
Ethylbenzene	5.0 U	5.0	1	03/12/20 18:34	
Methylene Chloride	5.0 U	5.0	1	03/12/20 18:34	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 18:34	
Toluene	5.0 U	5.0	1	03/12/20 18:34	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 18:34	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 18:34	
Tetrachloroethene (PCE)	5.8	5.0	1	03/12/20 18:34	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 18:34	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 18:34	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 18:34	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 18:34	
o-Xylene	5.0 U	5.0	1	03/12/20 18:34	
Total Target Volatiles (TTV)	100.8	5.0	1	03/12/20 18:34	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 09:45
Date Received: 03/11/20 09:40

Sample Name: OS-2R 2020 Q1
Lab Code: R2002114-012

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	03/12/20 18:34	
Dibromofluoromethane	95	89 - 119	03/12/20 18:34	
Toluene-d8	101	87 - 121	03/12/20 18:34	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 08:55
Date Received: 03/11/20 09:40

Sample Name: OS-5R 2020 Q1
Lab Code: R2002114-013

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 18:55	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 18:55	
Bromoform	5.0 U	5.0	1	03/12/20 18:55	
Bromomethane	5.0 U	5.0	1	03/12/20 18:55	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 18:55	
Chlorobenzene	5.0 U	5.0	1	03/12/20 18:55	
Chloroethane	5.0 U	5.0	1	03/12/20 18:55	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 18:55	
Chloroform	5.0 U	5.0	1	03/12/20 18:55	
Chloromethane	5.0 U	5.0	1	03/12/20 18:55	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 18:55	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 18:55	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 18:55	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 18:55	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 18:55	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 18:55	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 18:55	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 18:55	
cis-1,2-Dichloroethene	58	5.0	1	03/12/20 18:55	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 18:55	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 18:55	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 18:55	
Ethylbenzene	5.0 U	5.0	1	03/12/20 18:55	
Methylene Chloride	5.0 U	5.0	1	03/12/20 18:55	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 18:55	
Toluene	5.0 U	5.0	1	03/12/20 18:55	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 18:55	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 18:55	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 18:55	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 18:55	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 18:55	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 18:55	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 18:55	
o-Xylene	5.0 U	5.0	1	03/12/20 18:55	
Total Target Volatiles (TTV)	58.0	5.0	1	03/12/20 18:55	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 08:55
Date Received: 03/11/20 09:40

Sample Name: OS-5R 2020 Q1
Lab Code: R2002114-013

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	03/12/20 18:55	
Dibromofluoromethane	98	89 - 119	03/12/20 18:55	
Toluene-d8	100	87 - 121	03/12/20 18:55	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 09:05
Date Received: 03/11/20 09:40

Sample Name: OS-5D 2020 Q1
Lab Code: R2002114-014

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 19:17	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 19:17	
Bromoform	5.0 U	5.0	1	03/12/20 19:17	
Bromomethane	5.0 U	5.0	1	03/12/20 19:17	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 19:17	
Chlorobenzene	5.0 U	5.0	1	03/12/20 19:17	
Chloroethane	5.0 U	5.0	1	03/12/20 19:17	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 19:17	
Chloroform	5.0 U	5.0	1	03/12/20 19:17	
Chloromethane	5.0 U	5.0	1	03/12/20 19:17	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 19:17	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 19:17	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 19:17	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 19:17	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 19:17	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 19:17	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 19:17	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 19:17	
cis-1,2-Dichloroethene	22	5.0	1	03/12/20 19:17	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 19:17	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 19:17	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 19:17	
Ethylbenzene	5.0 U	5.0	1	03/12/20 19:17	
Methylene Chloride	5.0 U	5.0	1	03/12/20 19:17	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 19:17	
Toluene	5.0 U	5.0	1	03/12/20 19:17	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 19:17	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 19:17	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 19:17	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 19:17	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 19:17	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 19:17	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 19:17	
o-Xylene	5.0 U	5.0	1	03/12/20 19:17	
Total Target Volatiles (TTV)	22.0	5.0	1	03/12/20 19:17	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 09:05
Date Received: 03/11/20 09:40

Sample Name: OS-5D 2020 Q1
Lab Code: R2002114-014

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	03/12/20 19:17	
Dibromofluoromethane	95	89 - 119	03/12/20 19:17	
Toluene-d8	102	87 - 121	03/12/20 19:17	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 13:35
Date Received: 03/11/20 09:40

Sample Name: OS-6 2020 Q1
Lab Code: R2002114-015

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 13:50	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 13:50	
Bromoform	5.0 U	5.0	1	03/12/20 13:50	
Bromomethane	5.0 U	5.0	1	03/12/20 13:50	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 13:50	
Chlorobenzene	5.0 U	5.0	1	03/12/20 13:50	
Chloroethane	5.0 U	5.0	1	03/12/20 13:50	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 13:50	
Chloroform	5.0 U	5.0	1	03/12/20 13:50	
Chloromethane	5.0 U	5.0	1	03/12/20 13:50	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 13:50	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 13:50	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 13:50	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 13:50	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 13:50	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 13:50	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 13:50	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 13:50	
cis-1,2-Dichloroethene	18	5.0	1	03/12/20 13:50	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 13:50	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 13:50	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 13:50	
Ethylbenzene	5.0 U	5.0	1	03/12/20 13:50	
Methylene Chloride	5.0 U	5.0	1	03/12/20 13:50	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 13:50	
Toluene	5.0 U	5.0	1	03/12/20 13:50	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 13:50	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 13:50	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 13:50	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 13:50	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 13:50	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 13:50	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 13:50	
o-Xylene	5.0 U	5.0	1	03/12/20 13:50	
Total Target Volatiles (TTV)	18.0	5.0	1	03/12/20 13:50	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 13:35
Date Received: 03/11/20 09:40

Sample Name: OS-6 2020 Q1
Lab Code: R2002114-015

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	91	85 - 122	03/12/20 13:50	
Dibromofluoromethane	96	89 - 119	03/12/20 13:50	
Toluene-d8	98	87 - 121	03/12/20 13:50	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 14:00
Date Received: 03/11/20 09:40

Sample Name: OS-6R 2020 Q1
Lab Code: R2002114-016

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 17:28	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 17:28	
Bromoform	5.0 U	5.0	1	03/12/20 17:28	
Bromomethane	5.0 U	5.0	1	03/12/20 17:28	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 17:28	
Chlorobenzene	5.0 U	5.0	1	03/12/20 17:28	
Chloroethane	5.0 U	5.0	1	03/12/20 17:28	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 17:28	
Chloroform	5.0 U	5.0	1	03/12/20 17:28	
Chloromethane	5.0 U	5.0	1	03/12/20 17:28	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 17:28	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 17:28	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 17:28	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 17:28	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 17:28	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 17:28	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 17:28	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 17:28	
cis-1,2-Dichloroethene	38	5.0	1	03/12/20 17:28	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 17:28	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 17:28	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 17:28	
Ethylbenzene	5.0 U	5.0	1	03/12/20 17:28	
Methylene Chloride	5.0 U	5.0	1	03/12/20 17:28	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 17:28	
Toluene	5.0 U	5.0	1	03/12/20 17:28	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 17:28	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 17:28	
Tetrachloroethene (PCE)	18	5.0	1	03/12/20 17:28	
Trichloroethene (TCE)	13	5.0	1	03/12/20 17:28	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 17:28	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 17:28	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 17:28	
o-Xylene	5.0 U	5.0	1	03/12/20 17:28	
Total Target Volatiles (TTV)	69.0	5.0	1	03/12/20 17:28	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 14:00
Date Received: 03/11/20 09:40

Sample Name: OS-6R 2020 Q1
Lab Code: R2002114-016

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	03/12/20 17:28	
Dibromofluoromethane	95	89 - 119	03/12/20 17:28	
Toluene-d8	99	87 - 121	03/12/20 17:28	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 10:35
Date Received: 03/11/20 09:40

Sample Name: OS-7R 2020 Q1
Lab Code: R2002114-017

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/13/20 14:55	
Bromodichloromethane	5.0 U	5.0	1	03/13/20 14:55	
Bromoform	5.0 U	5.0	1	03/13/20 14:55	
Bromomethane	5.0 U	5.0	1	03/13/20 14:55	
Carbon Tetrachloride	5.0 U	5.0	1	03/13/20 14:55	
Chlorobenzene	5.0 U	5.0	1	03/13/20 14:55	
Chloroethane	5.0 U	5.0	1	03/13/20 14:55	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/13/20 14:55	
Chloroform	5.0 U	5.0	1	03/13/20 14:55	
Chloromethane	5.0 U	5.0	1	03/13/20 14:55	
Dibromochloromethane	5.0 U	5.0	1	03/13/20 14:55	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/13/20 14:55	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/13/20 14:55	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/13/20 14:55	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/13/20 14:55	
1,2-Dichloroethane	5.0 U	5.0	1	03/13/20 14:55	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/13/20 14:55	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 14:55	
cis-1,2-Dichloroethene	9.1	5.0	1	03/13/20 14:55	
1,2-Dichloropropane	5.0 U	5.0	1	03/13/20 14:55	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 14:55	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 14:55	
Ethylbenzene	5.0 U	5.0	1	03/13/20 14:55	
Methylene Chloride	5.0 U	5.0	1	03/13/20 14:55	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/13/20 14:55	
Toluene	5.0 U	5.0	1	03/13/20 14:55	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/13/20 14:55	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/13/20 14:55	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/13/20 14:55	
Trichloroethene (TCE)	5.0 U	5.0	1	03/13/20 14:55	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/13/20 14:55	
Vinyl Chloride	5.0 U	5.0	1	03/13/20 14:55	
m,p-Xylenes	5.0 U	5.0	1	03/13/20 14:55	
o-Xylene	5.0 U	5.0	1	03/13/20 14:55	
Total Target Volatiles (TTV)	9.1	5.0	1	03/13/20 14:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 10:35
Date Received: 03/11/20 09:40

Sample Name: OS-7R 2020 Q1
Lab Code: R2002114-017

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	03/13/20 14:55	
Dibromofluoromethane	98	89 - 119	03/13/20 14:55	
Toluene-d8	103	87 - 121	03/13/20 14:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 10:40
Date Received: 03/11/20 09:40

Sample Name: OS-7D 2020 Q1
Lab Code: R2002114-018

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/13/20 15:16	
Bromodichloromethane	5.0 U	5.0	1	03/13/20 15:16	
Bromoform	5.0 U	5.0	1	03/13/20 15:16	
Bromomethane	5.0 U	5.0	1	03/13/20 15:16	
Carbon Tetrachloride	5.0 U	5.0	1	03/13/20 15:16	
Chlorobenzene	5.0 U	5.0	1	03/13/20 15:16	
Chloroethane	5.0 U	5.0	1	03/13/20 15:16	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/13/20 15:16	
Chloroform	5.0 U	5.0	1	03/13/20 15:16	
Chloromethane	5.0 U	5.0	1	03/13/20 15:16	
Dibromochloromethane	5.0 U	5.0	1	03/13/20 15:16	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/13/20 15:16	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/13/20 15:16	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/13/20 15:16	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/13/20 15:16	
1,2-Dichloroethane	5.0 U	5.0	1	03/13/20 15:16	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/13/20 15:16	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 15:16	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 15:16	
1,2-Dichloropropane	5.0 U	5.0	1	03/13/20 15:16	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 15:16	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 15:16	
Ethylbenzene	5.0 U	5.0	1	03/13/20 15:16	
Methylene Chloride	5.0 U	5.0	1	03/13/20 15:16	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/13/20 15:16	
Toluene	5.0 U	5.0	1	03/13/20 15:16	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/13/20 15:16	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/13/20 15:16	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/13/20 15:16	
Trichloroethene (TCE)	5.0 U	5.0	1	03/13/20 15:16	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/13/20 15:16	
Vinyl Chloride	5.0 U	5.0	1	03/13/20 15:16	
m,p-Xylenes	5.0 U	5.0	1	03/13/20 15:16	
o-Xylene	5.0 U	5.0	1	03/13/20 15:16	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/13/20 15:16	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 10:40
Date Received: 03/11/20 09:40

Sample Name: OS-7D 2020 Q1
Lab Code: R2002114-018

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	03/13/20 15:16	
Dibromofluoromethane	96	89 - 119	03/13/20 15:16	
Toluene-d8	100	87 - 121	03/13/20 15:16	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 11:30
Date Received: 03/11/20 09:40

Sample Name: OS-9 2020 Q1
Lab Code: R2002114-019

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/13/20 15:38	
Bromodichloromethane	5.0 U	5.0	1	03/13/20 15:38	
Bromoform	5.0 U	5.0	1	03/13/20 15:38	
Bromomethane	5.0 U	5.0	1	03/13/20 15:38	
Carbon Tetrachloride	5.0 U	5.0	1	03/13/20 15:38	
Chlorobenzene	5.0 U	5.0	1	03/13/20 15:38	
Chloroethane	5.0 U	5.0	1	03/13/20 15:38	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/13/20 15:38	
Chloroform	5.0 U	5.0	1	03/13/20 15:38	
Chloromethane	5.0 U	5.0	1	03/13/20 15:38	
Dibromochloromethane	5.0 U	5.0	1	03/13/20 15:38	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/13/20 15:38	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/13/20 15:38	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/13/20 15:38	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/13/20 15:38	
1,2-Dichloroethane	5.0 U	5.0	1	03/13/20 15:38	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/13/20 15:38	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 15:38	
cis-1,2-Dichloroethene	6.7	5.0	1	03/13/20 15:38	
1,2-Dichloropropane	5.0 U	5.0	1	03/13/20 15:38	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 15:38	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 15:38	
Ethylbenzene	5.0 U	5.0	1	03/13/20 15:38	
Methylene Chloride	5.0 U	5.0	1	03/13/20 15:38	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/13/20 15:38	
Toluene	5.0 U	5.0	1	03/13/20 15:38	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/13/20 15:38	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/13/20 15:38	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/13/20 15:38	
Trichloroethene (TCE)	5.0 U	5.0	1	03/13/20 15:38	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/13/20 15:38	
Vinyl Chloride	5.0 U	5.0	1	03/13/20 15:38	
m,p-Xylenes	5.0 U	5.0	1	03/13/20 15:38	
o-Xylene	5.0 U	5.0	1	03/13/20 15:38	
Total Target Volatiles (TTV)	6.7	5.0	1	03/13/20 15:38	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 11:30
Date Received: 03/11/20 09:40

Sample Name: OS-9 2020 Q1
Lab Code: R2002114-019

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	03/13/20 15:38	
Dibromofluoromethane	92	89 - 119	03/13/20 15:38	
Toluene-d8	98	87 - 121	03/13/20 15:38	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 11:15
Date Received: 03/11/20 09:40

Sample Name: OS-9R 2020 Q1
Lab Code: R2002114-020

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/13/20 16:00	
Bromodichloromethane	5.0 U	5.0	1	03/13/20 16:00	
Bromoform	5.0 U	5.0	1	03/13/20 16:00	
Bromomethane	5.0 U	5.0	1	03/13/20 16:00	
Carbon Tetrachloride	5.0 U	5.0	1	03/13/20 16:00	
Chlorobenzene	5.0 U	5.0	1	03/13/20 16:00	
Chloroethane	5.0 U	5.0	1	03/13/20 16:00	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/13/20 16:00	
Chloroform	5.0 U	5.0	1	03/13/20 16:00	
Chloromethane	5.0 U	5.0	1	03/13/20 16:00	
Dibromochloromethane	5.0 U	5.0	1	03/13/20 16:00	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/13/20 16:00	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/13/20 16:00	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/13/20 16:00	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/13/20 16:00	
1,2-Dichloroethane	5.0 U	5.0	1	03/13/20 16:00	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/13/20 16:00	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 16:00	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 16:00	
1,2-Dichloropropane	5.0 U	5.0	1	03/13/20 16:00	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 16:00	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 16:00	
Ethylbenzene	5.0 U	5.0	1	03/13/20 16:00	
Methylene Chloride	5.0 U	5.0	1	03/13/20 16:00	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/13/20 16:00	
Toluene	5.0 U	5.0	1	03/13/20 16:00	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/13/20 16:00	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/13/20 16:00	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/13/20 16:00	
Trichloroethene (TCE)	5.0 U	5.0	1	03/13/20 16:00	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/13/20 16:00	
Vinyl Chloride	5.0 U	5.0	1	03/13/20 16:00	
m,p-Xylenes	5.0 U	5.0	1	03/13/20 16:00	
o-Xylene	5.0 U	5.0	1	03/13/20 16:00	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/13/20 16:00	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 11:15
Date Received: 03/11/20 09:40

Sample Name: OS-9R 2020 Q1
Lab Code: R2002114-020

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	03/13/20 16:00	
Dibromofluoromethane	92	89 - 119	03/13/20 16:00	
Toluene-d8	102	87 - 121	03/13/20 16:00	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 12:50
Date Received: 03/11/20 09:40

Sample Name: OS-11R 2020 Q1
Lab Code: R2002114-021

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 17:50	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 17:50	
Bromoform	5.0 U	5.0	1	03/12/20 17:50	
Bromomethane	5.0 U	5.0	1	03/12/20 17:50	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 17:50	
Chlorobenzene	5.0 U	5.0	1	03/12/20 17:50	
Chloroethane	5.0 U	5.0	1	03/12/20 17:50	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 17:50	
Chloroform	5.0 U	5.0	1	03/12/20 17:50	
Chloromethane	5.0 U	5.0	1	03/12/20 17:50	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 17:50	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 17:50	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 17:50	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 17:50	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 17:50	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 17:50	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 17:50	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 17:50	
cis-1,2-Dichloroethene	5.0	5.0	1	03/12/20 17:50	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 17:50	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 17:50	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 17:50	
Ethylbenzene	5.0 U	5.0	1	03/12/20 17:50	
Methylene Chloride	5.0 U	5.0	1	03/12/20 17:50	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 17:50	
Toluene	5.0 U	5.0	1	03/12/20 17:50	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 17:50	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 17:50	
Tetrachloroethene (PCE)	5.3	5.0	1	03/12/20 17:50	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 17:50	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 17:50	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 17:50	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 17:50	
o-Xylene	5.0 U	5.0	1	03/12/20 17:50	
Total Target Volatiles (TTV)	10.3	5.0	1	03/12/20 17:50	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 12:50
Date Received: 03/11/20 09:40

Sample Name: OS-11R 2020 Q1
Lab Code: R2002114-021

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	03/12/20 17:50	
Dibromofluoromethane	96	89 - 119	03/12/20 17:50	
Toluene-d8	101	87 - 121	03/12/20 17:50	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 12:55
Date Received: 03/11/20 09:40

Sample Name: OS-11D 2020 Q1
Lab Code: R2002114-022

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 18:12	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 18:12	
Bromoform	5.0 U	5.0	1	03/12/20 18:12	
Bromomethane	5.0 U	5.0	1	03/12/20 18:12	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 18:12	
Chlorobenzene	5.0 U	5.0	1	03/12/20 18:12	
Chloroethane	5.0 U	5.0	1	03/12/20 18:12	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 18:12	
Chloroform	5.0 U	5.0	1	03/12/20 18:12	
Chloromethane	5.0 U	5.0	1	03/12/20 18:12	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 18:12	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 18:12	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 18:12	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 18:12	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 18:12	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 18:12	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 18:12	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 18:12	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 18:12	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 18:12	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 18:12	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 18:12	
Ethylbenzene	5.0 U	5.0	1	03/12/20 18:12	
Methylene Chloride	5.0 U	5.0	1	03/12/20 18:12	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 18:12	
Toluene	5.0 U	5.0	1	03/12/20 18:12	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 18:12	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 18:12	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 18:12	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 18:12	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 18:12	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 18:12	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 18:12	
o-Xylene	5.0 U	5.0	1	03/12/20 18:12	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/12/20 18:12	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 12:55
Date Received: 03/11/20 09:40

Sample Name: OS-11D 2020 Q1
Lab Code: R2002114-022

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	03/12/20 18:12	
Dibromofluoromethane	96	89 - 119	03/12/20 18:12	
Toluene-d8	99	87 - 121	03/12/20 18:12	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 12:00
Date Received: 03/11/20 09:40

Sample Name: OS-12R 2020 Q1
Lab Code: R2002114-023

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/13/20 16:22	
Bromodichloromethane	5.0 U	5.0	1	03/13/20 16:22	
Bromoform	5.0 U	5.0	1	03/13/20 16:22	
Bromomethane	5.0 U	5.0	1	03/13/20 16:22	
Carbon Tetrachloride	5.0 U	5.0	1	03/13/20 16:22	
Chlorobenzene	5.0 U	5.0	1	03/13/20 16:22	
Chloroethane	5.0 U	5.0	1	03/13/20 16:22	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/13/20 16:22	
Chloroform	5.0 U	5.0	1	03/13/20 16:22	
Chloromethane	5.0 U	5.0	1	03/13/20 16:22	
Dibromochloromethane	5.0 U	5.0	1	03/13/20 16:22	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/13/20 16:22	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/13/20 16:22	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/13/20 16:22	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/13/20 16:22	
1,2-Dichloroethane	5.0 U	5.0	1	03/13/20 16:22	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/13/20 16:22	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 16:22	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 16:22	
1,2-Dichloropropane	5.0 U	5.0	1	03/13/20 16:22	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 16:22	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 16:22	
Ethylbenzene	5.0 U	5.0	1	03/13/20 16:22	
Methylene Chloride	5.0 U	5.0	1	03/13/20 16:22	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/13/20 16:22	
Toluene	5.0 U	5.0	1	03/13/20 16:22	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/13/20 16:22	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/13/20 16:22	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/13/20 16:22	
Trichloroethene (TCE)	5.0 U	5.0	1	03/13/20 16:22	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/13/20 16:22	
Vinyl Chloride	5.0 U	5.0	1	03/13/20 16:22	
m,p-Xylenes	5.0 U	5.0	1	03/13/20 16:22	
o-Xylene	5.0 U	5.0	1	03/13/20 16:22	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/13/20 16:22	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 12:00
Date Received: 03/11/20 09:40

Sample Name: OS-12R 2020 Q1
Lab Code: R2002114-023

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	03/13/20 16:22	
Dibromofluoromethane	91	89 - 119	03/13/20 16:22	
Toluene-d8	97	87 - 121	03/13/20 16:22	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 13:00
Date Received: 03/11/20 09:40

Sample Name: OS-15R 2020 Q1
Lab Code: R2002114-024

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/13/20 16:43	
Bromodichloromethane	5.0 U	5.0	1	03/13/20 16:43	
Bromoform	5.0 U	5.0	1	03/13/20 16:43	
Bromomethane	5.0 U	5.0	1	03/13/20 16:43	
Carbon Tetrachloride	5.0 U	5.0	1	03/13/20 16:43	
Chlorobenzene	5.0 U	5.0	1	03/13/20 16:43	
Chloroethane	5.0 U	5.0	1	03/13/20 16:43	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/13/20 16:43	
Chloroform	5.0 U	5.0	1	03/13/20 16:43	
Chloromethane	5.0 U	5.0	1	03/13/20 16:43	
Dibromochloromethane	5.0 U	5.0	1	03/13/20 16:43	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/13/20 16:43	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/13/20 16:43	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/13/20 16:43	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/13/20 16:43	
1,2-Dichloroethane	5.0 U	5.0	1	03/13/20 16:43	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/13/20 16:43	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 16:43	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 16:43	
1,2-Dichloropropane	5.0 U	5.0	1	03/13/20 16:43	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 16:43	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 16:43	
Ethylbenzene	5.0 U	5.0	1	03/13/20 16:43	
Methylene Chloride	5.0 U	5.0	1	03/13/20 16:43	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/13/20 16:43	
Toluene	5.0 U	5.0	1	03/13/20 16:43	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/13/20 16:43	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/13/20 16:43	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/13/20 16:43	
Trichloroethene (TCE)	5.0 U	5.0	1	03/13/20 16:43	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/13/20 16:43	
Vinyl Chloride	5.0 U	5.0	1	03/13/20 16:43	
m,p-Xylenes	5.0 U	5.0	1	03/13/20 16:43	
o-Xylene	5.0 U	5.0	1	03/13/20 16:43	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/13/20 16:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 13:00
Date Received: 03/11/20 09:40

Sample Name: OS-15R 2020 Q1
Lab Code: R2002114-024

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	03/13/20 16:43	
Dibromofluoromethane	95	89 - 119	03/13/20 16:43	
Toluene-d8	100	87 - 121	03/13/20 16:43	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 12:45
Date Received: 03/11/20 09:40

Sample Name: OS-15D 2020 Q1
Lab Code: R2002114-025

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/13/20 17:05	
Bromodichloromethane	5.0 U	5.0	1	03/13/20 17:05	
Bromoform	5.0 U	5.0	1	03/13/20 17:05	
Bromomethane	5.0 U	5.0	1	03/13/20 17:05	
Carbon Tetrachloride	5.0 U	5.0	1	03/13/20 17:05	
Chlorobenzene	5.0 U	5.0	1	03/13/20 17:05	
Chloroethane	5.0 U	5.0	1	03/13/20 17:05	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/13/20 17:05	
Chloroform	5.0 U	5.0	1	03/13/20 17:05	
Chloromethane	5.0 U	5.0	1	03/13/20 17:05	
Dibromochloromethane	5.0 U	5.0	1	03/13/20 17:05	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/13/20 17:05	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/13/20 17:05	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/13/20 17:05	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/13/20 17:05	
1,2-Dichloroethane	5.0 U	5.0	1	03/13/20 17:05	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/13/20 17:05	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 17:05	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 17:05	
1,2-Dichloropropane	5.0 U	5.0	1	03/13/20 17:05	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 17:05	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 17:05	
Ethylbenzene	5.0 U	5.0	1	03/13/20 17:05	
Methylene Chloride	5.0 U	5.0	1	03/13/20 17:05	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/13/20 17:05	
Toluene	5.0 U	5.0	1	03/13/20 17:05	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/13/20 17:05	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/13/20 17:05	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/13/20 17:05	
Trichloroethene (TCE)	5.0 U	5.0	1	03/13/20 17:05	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/13/20 17:05	
Vinyl Chloride	5.0 U	5.0	1	03/13/20 17:05	
m,p-Xylenes	5.0 U	5.0	1	03/13/20 17:05	
o-Xylene	5.0 U	5.0	1	03/13/20 17:05	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/13/20 17:05	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 12:45
Date Received: 03/11/20 09:40

Sample Name: OS-15D 2020 Q1
Lab Code: R2002114-025

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	03/13/20 17:05	
Dibromofluoromethane	94	89 - 119	03/13/20 17:05	
Toluene-d8	101	87 - 121	03/13/20 17:05	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 11:35
Date Received: 03/11/20 09:40

Sample Name: DUP-02 2020 Q1
Lab Code: R2002114-026

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/13/20 17:27	
Bromodichloromethane	5.0 U	5.0	1	03/13/20 17:27	
Bromoform	5.0 U	5.0	1	03/13/20 17:27	
Bromomethane	5.0 U	5.0	1	03/13/20 17:27	
Carbon Tetrachloride	5.0 U	5.0	1	03/13/20 17:27	
Chlorobenzene	5.0 U	5.0	1	03/13/20 17:27	
Chloroethane	5.0 U	5.0	1	03/13/20 17:27	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/13/20 17:27	
Chloroform	5.0 U	5.0	1	03/13/20 17:27	
Chloromethane	5.0 U	5.0	1	03/13/20 17:27	
Dibromochloromethane	5.0 U	5.0	1	03/13/20 17:27	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/13/20 17:27	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/13/20 17:27	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/13/20 17:27	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/13/20 17:27	
1,2-Dichloroethane	5.0 U	5.0	1	03/13/20 17:27	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/13/20 17:27	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 17:27	
cis-1,2-Dichloroethene	6.8	5.0	1	03/13/20 17:27	
1,2-Dichloropropane	5.0 U	5.0	1	03/13/20 17:27	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 17:27	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 17:27	
Ethylbenzene	5.0 U	5.0	1	03/13/20 17:27	
Methylene Chloride	5.0 U	5.0	1	03/13/20 17:27	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/13/20 17:27	
Toluene	5.0 U	5.0	1	03/13/20 17:27	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/13/20 17:27	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/13/20 17:27	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/13/20 17:27	
Trichloroethene (TCE)	5.0 U	5.0	1	03/13/20 17:27	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/13/20 17:27	
Vinyl Chloride	5.0 U	5.0	1	03/13/20 17:27	
m,p-Xylenes	5.0 U	5.0	1	03/13/20 17:27	
o-Xylene	5.0 U	5.0	1	03/13/20 17:27	
Total Target Volatiles (TTV)	6.8	5.0	1	03/13/20 17:27	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20 11:35
Date Received: 03/11/20 09:40

Sample Name: DUP-02 2020 Q1
Lab Code: R2002114-026

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	03/13/20 17:27	
Dibromofluoromethane	93	89 - 119	03/13/20 17:27	
Toluene-d8	100	87 - 121	03/13/20 17:27	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20
Date Received: 03/11/20 09:40

Sample Name: TRIP BLANK-02 2020 Q1
Lab Code: R2002114-028

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/13/20 17:49	
Bromodichloromethane	5.0 U	5.0	1	03/13/20 17:49	
Bromoform	5.0 U	5.0	1	03/13/20 17:49	
Bromomethane	5.0 U	5.0	1	03/13/20 17:49	
Carbon Tetrachloride	5.0 U	5.0	1	03/13/20 17:49	
Chlorobenzene	5.0 U	5.0	1	03/13/20 17:49	
Chloroethane	5.0 U	5.0	1	03/13/20 17:49	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/13/20 17:49	
Chloroform	5.0 U	5.0	1	03/13/20 17:49	
Chloromethane	5.0 U	5.0	1	03/13/20 17:49	
Dibromochloromethane	5.0 U	5.0	1	03/13/20 17:49	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/13/20 17:49	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/13/20 17:49	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/13/20 17:49	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/13/20 17:49	
1,2-Dichloroethane	5.0 U	5.0	1	03/13/20 17:49	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/13/20 17:49	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 17:49	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 17:49	
1,2-Dichloropropane	5.0 U	5.0	1	03/13/20 17:49	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 17:49	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 17:49	
Ethylbenzene	5.0 U	5.0	1	03/13/20 17:49	
Methylene Chloride	5.0 U	5.0	1	03/13/20 17:49	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/13/20 17:49	
Toluene	5.0 U	5.0	1	03/13/20 17:49	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/13/20 17:49	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/13/20 17:49	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/13/20 17:49	
Trichloroethene (TCE)	5.0 U	5.0	1	03/13/20 17:49	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/13/20 17:49	
Vinyl Chloride	5.0 U	5.0	1	03/13/20 17:49	
m,p-Xylenes	5.0 U	5.0	1	03/13/20 17:49	
o-Xylene	5.0 U	5.0	1	03/13/20 17:49	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/13/20 17:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/10/20
Date Received: 03/11/20 09:40

Sample Name: TRIP BLANK-02 2020 Q1
Lab Code: R2002114-028

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	03/13/20 17:49	
Dibromofluoromethane	95	89 - 119	03/13/20 17:49	
Toluene-d8	100	87 - 121	03/13/20 17:49	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114
Date Analyzed: 3/18/20

Continuing Calibration Verification Summary
Hydrocarbon Scan by GC-FID

Analytical Method: 8015C
File ID: I:\ACQUDATA\6890\DATA\031820\BM922.D\

Calibration Date:
Calibration ID:
Analysis Lot: 673929
Units: mg/L

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Mineral Spirits	504	571	NA	NA	NA	13.4	± 20 %	
o-Terphenyl	100	97.6	NA	NA	NA	-2.4	± 20 %	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114
Date Analyzed: 3/18/20

Continuing Calibration Verification Summary
Hydrocarbon Scan by GC-FID

Analytical Method: 8015C
File ID: I:\ACQUDATA\6890\DATA\031820\BM931.D\

Calibration Date:
Calibration ID:
Analysis Lot: 673929
Units: mg/L

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Mineral Spirits	504	440	NA	NA	NA	-12.6	± 20 %	
o-Terphenyl	100	85.1	NA	NA	NA	-14.9	± 20 %	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114
Date Analyzed: 3/12/20

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Analytical Method: 8260C
File ID: I:\ACQUDATA\msvoa12\Data\031220\P33978.D\

Calibration Date: 1/21/20
Calibration ID: RC2000011
Analysis Lot: 673197
Units: ppb

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50.0	45.5	1.237	1.127	-8.9	NA	± 20 %	Average RF
Bromodichloromethane	50.0	44.5	0.3394	0.3020	-11.0	NA	± 20 %	Average RF
Bromoform	50.0	47.1	0.3129	0.2948	-5.8	NA	± 20 %	Average RF
Bromomethane	50.0	34.0	0.4863	0.3305	-32.0 *	NA	± 20 %	Average RF
Carbon Tetrachloride	50.0	43.1	0.2842	0.2450	-13.8	NA	± 20 %	Average RF
Chlorobenzene	50.0	46.6	0.9770	0.9104	-6.8	NA	± 20 %	Average RF
Chloroethane	50.0	45.4	0.3948	0.3581	-9.3	NA	± 20 %	Average RF
2-Chloroethyl Vinyl Ether	50.0	39.2	0.1908	0.1494	-21.7 *	NA	± 20 %	Average RF
Chloroform	50.0	43.2	0.7654	0.6619	-13.5	NA	± 20 %	Average RF
Chloromethane	50.0	47.9	0.6101	0.5849	-4.1	NA	± 20 %	Average RF
Dibromochloromethane	50.0	47.7	0.2732	0.2608	-4.5	NA	± 20 %	Average RF
1,2-Dichlorobenzene	50.0	44.4	1.548	1.376	-11.1	NA	± 20 %	Average RF
1,3-Dichlorobenzene	50.0	44.6	1.518	1.354	-10.8	NA	± 20 %	Average RF
1,4-Dichlorobenzene	50.0	44.3	1.573	1.395	-11.3	NA	± 20 %	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	49.1	0.7486	0.7347	-1.9	NA	± 20 %	Average RF
1,2-Dichloroethane	50.0	44.7	0.3989	0.3565	-10.6	NA	± 20 %	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	47.1	0.3902	0.3675	-5.8	NA	± 20 %	Average RF
trans-1,2-Dichloroethene	50.0	45.4	0.4317	0.3915	-9.3	NA	± 20 %	Average RF
cis-1,2-Dichloroethene	50.0	44.4	0.5021	0.4463	-11.1	NA	± 20 %	Average RF
1,2-Dichloropropane	50.0	47.9	0.3125	0.2995	-4.2	NA	± 20 %	Average RF
cis-1,3-Dichloropropene	50.0	49.0	0.4598	0.4503	-2.1	NA	± 20 %	Average RF
trans-1,3-Dichloropropene	50.0	47.4	0.4160	0.3947	-5.1	NA	± 20 %	Average RF
Ethylbenzene	50.0	45.6	0.5396	0.4922	-8.8	NA	± 20 %	Average RF
Methylene Chloride	50.0	42.1	0.5057	0.4254	-15.9	NA	± 20 %	Average RF
1,1,2,2-Tetrachloroethane	50.0	44.2	0.8690	0.7686	-11.6	NA	± 20 %	Average RF
Toluene	50.0	45.0	1.345	1.211	-10.0	NA	± 20 %	Average RF
1,1,1-Trichloroethane (TCA)	50.0	43.0	0.5941	0.5103	-14.1	NA	± 20 %	Average RF
1,1,2-Trichloroethane	50.0	42.4	0.3194	0.2710	-15.1	NA	± 20 %	Average RF
Tetrachloroethene (PCE)	50.0	46.2	0.2787	0.2578	-7.5	NA	± 20 %	Average RF
Trichloroethene (TCE)	50.0	45.1	0.3146	0.2838	-9.8	NA	± 20 %	Average RF
Trichlorofluoromethane (CFC 11)	50.0	46.5	0.5628	0.5232	-7.0	NA	± 20 %	Average RF
Vinyl Chloride	50.0	49.0	0.6339	0.6214	-2.0	NA	± 20 %	Average RF
m,p-Xylenes	100	94.7	0.6424	0.6086	-5.3	NA	± 20 %	Average RF
o-Xylene	50.0	46.8	0.6460	0.6050	-6.4	NA	± 20 %	Average RF
4-Bromofluorobenzene	50.0	49.0	0.4760	0.4663	-2.0	NA	± 20 %	Average RF
Dibromofluoromethane	50.0	47.9	0.2641	0.2531	-4.2	NA	± 20 %	Average RF
Toluene-d8	50.0	50.2	1.233	1.238	0.4	NA	± 20 %	Average RF

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114
Date Analyzed: 3/13/20

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Analytical Method: 8260C
File ID: I:\ACQUDATA\msvoa12\Data\031320\P34008.D\

Calibration Date: 1/21/20
Calibration ID: RC2000011
Analysis Lot: 673322
Units: ppb

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50.0	52.2	1.237	1.290	4.3	NA	± 20 %	Average RF
Bromodichloromethane	50.0	49.8	0.3394	0.3378	-0.5	NA	± 20 %	Average RF
Bromoform	50.0	48.5	0.3129	0.3032	-3.1	NA	± 20 %	Average RF
Bromomethane	50.0	38.1	0.4863	0.3708	-23.7 *	NA	± 20 %	Average RF
Carbon Tetrachloride	50.0	45.8	0.2842	0.2606	-8.3	NA	± 20 %	Average RF
Chlorobenzene	50.0	51.4	0.9770	1.004	2.7	NA	± 20 %	Average RF
Chloroethane	50.0	50.8	0.3948	0.4014	1.7	NA	± 20 %	Average RF
2-Chloroethyl Vinyl Ether	50.0	38.0	0.1908	0.1450	-24.0 *	NA	± 20 %	Average RF
Chloroform	50.0	48.5	0.7654	0.7426	-3.0	NA	± 20 %	Average RF
Chloromethane	50.0	56.5	0.6101	0.6888	12.9	NA	± 20 %	Average RF
Dibromochloromethane	50.0	51.0	0.2732	0.2785	1.9	NA	± 20 %	Average RF
1,2-Dichlorobenzene	50.0	49.1	1.548	1.520	-1.8	NA	± 20 %	Average RF
1,3-Dichlorobenzene	50.0	50.5	1.518	1.533	1.0	NA	± 20 %	Average RF
1,4-Dichlorobenzene	50.0	49.5	1.573	1.558	-1.0	NA	± 20 %	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	55.6	0.7486	0.8318	11.1	NA	± 20 %	Average RF
1,2-Dichloroethane	50.0	51.5	0.3989	0.4110	3.0	NA	± 20 %	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	51.9	0.3902	0.4053	3.9	NA	± 20 %	Average RF
trans-1,2-Dichloroethene	50.0	52.2	0.4317	0.4503	4.3	NA	± 20 %	Average RF
cis-1,2-Dichloroethene	50.0	50.8	0.5021	0.5096	1.5	NA	± 20 %	Average RF
1,2-Dichloropropane	50.0	53.8	0.3125	0.3365	7.7	NA	± 20 %	Average RF
cis-1,3-Dichloropropene	50.0	52.6	0.4598	0.4838	5.2	NA	± 20 %	Average RF
trans-1,3-Dichloropropene	50.0	50.9	0.4160	0.4233	1.8	NA	± 20 %	Average RF
Ethylbenzene	50.0	50.2	0.5396	0.5417	0.4	NA	± 20 %	Average RF
Methylene Chloride	50.0	47.5	0.5057	0.4809	-4.9	NA	± 20 %	Average RF
1,1,2,2-Tetrachloroethane	50.0	47.8	0.8690	0.8315	-4.3	NA	± 20 %	Average RF
Toluene	50.0	51.5	1.345	1.386	3.0	NA	± 20 %	Average RF
1,1,1-Trichloroethane (TCA)	50.0	48.5	0.5941	0.5766	-2.9	NA	± 20 %	Average RF
1,1,2-Trichloroethane	50.0	47.0	0.3194	0.3000	-6.1	NA	± 20 %	Average RF
Tetrachloroethene (PCE)	50.0	52.1	0.2787	0.2905	4.2	NA	± 20 %	Average RF
Trichloroethene (TCE)	50.0	52.1	0.3146	0.3274	4.1	NA	± 20 %	Average RF
Trichlorofluoromethane (CFC 11)	50.0	53.6	0.5628	0.6031	7.2	NA	± 20 %	Average RF
Vinyl Chloride	50.0	56.8	0.6339	0.7203	13.6	NA	± 20 %	Average RF
m,p-Xylenes	100	106	0.6424	0.6833	6.4	NA	± 20 %	Average RF
o-Xylene	50.0	51.8	0.6460	0.6689	3.5	NA	± 20 %	Average RF
4-Bromofluorobenzene	50.0	49.0	0.4760	0.4665	-2.0	NA	± 20 %	Average RF
Dibromofluoromethane	50.0	49.9	0.2641	0.2634	-0.3	NA	± 20 %	Average RF
Toluene-d8	50.0	51.1	1.233	1.260	2.2	NA	± 20 %	Average RF

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114
Date Analyzed: 3/12/20 11:26

**Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved**

File ID: I:\ACQUDATA\msvoa12\Data\031220\P33978.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2002428-02
Analysis Lot: 673197
Signal ID: 1

	Chlorobenzene-d5		1,4-Difluorobenzene		1,4-Dichlorobenzene-d4	
	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>
Results ==>	546,474	9.80	620,468	6.52	308,774	11.83
Upper Limit ==>	1,092,948	10.30	1,240,936	7.02	617,548	12.33
Lower Limit ==>	273,237	9.30	310,234	6.02	154,387	11.33
ICAL Result ==>	471,155	9.80	522,550	6.52	254,454	11.83

Associated Analyses

Lab Control Sample	RQ2002428-03	529,608	9.80	597,215	6.52	298,512	11.83
Method Blank	RQ2002428-04	521,813	9.80	598,625	6.52	279,199	11.83
TRIP BLANK-01 2020 Q1	R2002114-011	536,459	9.80	604,691	6.52	295,532	11.83
EB-01 2020 Q1	R2002114-010	503,674	9.80	559,462	6.53	268,841	11.83
OS-6 2020 Q1	R2002114-015	504,700	9.80	576,656	6.52	272,451	11.83
DUP-01 2020 Q1	R2002114-009	518,831	9.80	594,716	6.52	276,773	11.83
PW-2 2020 Q1	R2002114-007	516,618	9.80	584,980	6.52	275,303	11.83
MW-12 2020 Q1	R2002114-003	510,801	9.80	577,900	6.52	276,448	11.83
W-2 2020 Q1	R2002114-001	520,692	9.80	587,156	6.52	279,199	11.83
U-6D 2020 Q1	R2002114-002	517,117	9.80	578,280	6.52	280,439	11.83
MW-13 2020 Q1	R2002114-004	505,206	9.80	565,888	6.52	272,811	11.83
OW-1 2020 Q1	R2002114-005	508,897	9.80	569,127	6.52	274,181	11.83
RI-6 2020 Q1	R2002114-008	524,343	9.80	589,863	6.52	283,280	11.83
OS-6R 2020 Q1	R2002114-016	512,965	9.80	575,566	6.52	272,666	11.83
OS-11R 2020 Q1	R2002114-021	518,375	9.80	584,029	6.52	282,777	11.83
OS-11D 2020 Q1	R2002114-022	521,587	9.80	579,924	6.52	280,077	11.83
OS-2R 2020 Q1	R2002114-012	504,330	9.80	566,959	6.52	267,687	11.83
OS-5R 2020 Q1	R2002114-013	501,280	9.80	569,414	6.52	273,676	11.83
OS-5D 2020 Q1	R2002114-014	488,817	9.80	556,065	6.52	258,469	11.83
OW-2 2020 Q1	R2002114-006	497,380	9.80	570,199	6.52	269,497	11.83
MW-12 2020 Q1	R2002114-003	508,568	9.80	584,926	6.52	280,717	11.83
OS-6 2020 Q1MS	RQ2002428-05	502,526	9.80	569,798	6.52	286,291	11.83
OS-6 2020 Q1DMS	RQ2002428-06	505,283	9.80	567,607	6.52	280,171	11.83

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114
Date Analyzed: 3/12/20 11:26

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\031220\P33978.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2002428-02
Analysis Lot: 673197
Signal ID: 1

Pentafluorobenzene		
	<u>Area</u>	<u>RT</u>
Results ==>	404,232	5.44
Upper Limit ==>	808,464	5.94
Lower Limit ==>	202,116	4.94
ICAL Result ==>	348,318	5.44

Associated Analyses

Lab Control Sample	RQ2002428-03	392,943	5.43
Method Blank	RQ2002428-04	392,053	5.44
TRIP BLANK-01 2020 Q1	R2002114-011	395,431	5.44
EB-01 2020 Q1	R2002114-010	371,091	5.46
OS-6 2020 Q1	R2002114-015	381,028	5.44
DUP-01 2020 Q1	R2002114-009	388,995	5.44
PW-2 2020 Q1	R2002114-007	384,727	5.44
MW-12 2020 Q1	R2002114-003	378,344	5.44
W-2 2020 Q1	R2002114-001	384,628	5.44
U-6D 2020 Q1	R2002114-002	386,614	5.44
MW-13 2020 Q1	R2002114-004	375,227	5.44
OW-1 2020 Q1	R2002114-005	379,000	5.45
RI-6 2020 Q1	R2002114-008	382,817	5.45
OS-6R 2020 Q1	R2002114-016	384,215	5.44
OS-11R 2020 Q1	R2002114-021	388,226	5.45
OS-11D 2020 Q1	R2002114-022	382,908	5.44
OS-2R 2020 Q1	R2002114-012	381,941	5.45
OS-5R 2020 Q1	R2002114-013	377,772	5.44
OS-5D 2020 Q1	R2002114-014	369,247	5.45
OW-2 2020 Q1	R2002114-006	374,454	5.45
MW-12 2020 Q1	R2002114-003	382,417	5.44
OS-6 2020 Q1MS	RQ2002428-05	370,436	5.46
OS-6 2020 Q1DMS	RQ2002428-06	375,258	5.45

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114
Date Analyzed: 3/13/20 10:20

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\031320\P34008.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2002455-02
Analysis Lot: 673322
Signal ID: 1

		Chlorobenzene-d5		1,4-Difluorobenzene		1,4-Dichlorobenzene-d4	
		<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>
Results ==>		543,922	9.80	605,435	6.52	306,086	11.83
Upper Limit ==>		1,087,844	10.30	1,210,870	7.02	612,172	12.33
Lower Limit ==>		271,961	9.30	302,718	6.02	153,043	11.33
ICAL Result ==>		471,155	9.80	522,550	6.52	254,454	11.83
Associated Analyses							
Lab Control Sample	RQ2002455-03	541,631	9.80	606,854	6.52	303,832	11.83
Duplicate Lab Control Sample	RQ2002455-04	520,681	9.80	593,932	6.52	287,305	11.83
Method Blank	RQ2002455-06	520,388	9.80	590,175	6.52	288,884	11.83
OS-7R 2020 Q1	R2002114-017	502,432	9.80	572,002	6.52	272,497	11.83
OS-7D 2020 Q1	R2002114-018	513,218	9.80	590,641	6.52	282,902	11.83
OS-9 2020 Q1	R2002114-019	508,338	9.80	578,788	6.53	281,306	11.83
OS-9R 2020 Q1	R2002114-020	509,725	9.80	569,765	6.52	273,336	11.83
OS-12R 2020 Q1	R2002114-023	524,492	9.80	597,634	6.52	283,648	11.83
OS-15R 2020 Q1	R2002114-024	518,374	9.80	591,811	6.52	281,782	11.83
OS-15D 2020 Q1	R2002114-025	516,481	9.80	582,121	6.52	279,039	11.83
DUP-02 2020 Q1	R2002114-026	509,069	9.80	583,611	6.52	281,705	11.83
TRIP BLANK-02 2020 Q1	R2002114-028	508,450	9.80	573,668	6.52	281,958	11.83

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00

Service Request: R2002114
Date Analyzed: 3/13/20 10:20

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\031320\P34008.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2002455-02
Analysis Lot: 673322
Signal ID: 1

		Pentafluorobenzene	
		<u>Area</u>	<u>RT</u>
Results ==>		392,306	5.44
Upper Limit ==>		784,612	5.94
Lower Limit ==>		196,153	4.94
ICAL Result ==>		348,318	5.44
Associated Analyses			
Lab Control Sample	RQ2002455-03	401,485	5.44
Duplicate Lab Control Sample	RQ2002455-04	388,109	5.44
Method Blank	RQ2002455-06	386,145	5.44
OS-7R 2020 Q1	R2002114-017	375,743	5.45
OS-7D 2020 Q1	R2002114-018	386,383	5.44
OS-9 2020 Q1	R2002114-019	379,439	5.46
OS-9R 2020 Q1	R2002114-020	379,601	5.45
OS-12R 2020 Q1	R2002114-023	388,118	5.44
OS-15R 2020 Q1	R2002114-024	390,990	5.44
OS-15D 2020 Q1	R2002114-025	384,978	5.44
DUP-02 2020 Q1	R2002114-026	378,224	5.44
TRIP BLANK-02 2020 Q1	R2002114-028	378,239	5.45

Results flagged with an asterisk (*) indicate values outside control criteria.



Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 08:15
Date Received: 03/11/20 09:40

Sample Name: W-2 2020 Q1
Lab Code: R2002114-001

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	930 U	930	1	03/18/20 12:25	3/13/20	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 08:30
Date Received: 03/11/20 09:40

Sample Name: MW-12 2020 Q1
Lab Code: R2002114-003

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	03/18/20 19:58	3/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	59	18 - 152	03/18/20 19:58	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 08:50
Date Received: 03/11/20 09:40

Sample Name: MW-13 2020 Q1
Lab Code: R2002114-004

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	03/18/20 20:19	3/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	60	18 - 152	03/18/20 20:19	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 09:20
Date Received: 03/11/20 09:40

Sample Name: PW-2 2020 Q1
Lab Code: R2002114-007

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	03/18/20 20:41	3/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	59	18 - 152	03/18/20 20:41	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 09:25
Date Received: 03/11/20 09:40

Sample Name: DUP-01 2020 Q1
Lab Code: R2002114-009

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	03/18/20 21:02	3/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	66	18 - 152	03/18/20 21:02	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20 07:55
Date Received: 03/11/20 09:40

Sample Name: EB-01 2020 Q1
Lab Code: R2002114-010

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	03/18/20 21:24	3/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	73	18 - 152	03/18/20 21:24	



QC Summary Forms

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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Volatile Organic Compounds by GC/MS

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1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8
		85-122	89-119	87-121
W-2 2020 Q1	R2002114-001	93	95	100
U-6D 2020 Q1	R2002114-002	94	97	102
MW-12 2020 Q1	R2002114-003	93	97	100
MW-13 2020 Q1	R2002114-004	97	100	104
OW-1 2020 Q1	R2002114-005	97	97	101
OW-2 2020 Q1	R2002114-006	93	96	100
PW-2 2020 Q1	R2002114-007	95	98	102
RI-6 2020 Q1	R2002114-008	92	91	98
DUP-01 2020 Q1	R2002114-009	90	94	98
EB-01 2020 Q1	R2002114-010	95	97	102
TRIP BLANK-01 2020 Q1	R2002114-011	94	96	99
OS-2R 2020 Q1	R2002114-012	95	95	101
OS-5R 2020 Q1	R2002114-013	93	98	100
OS-5D 2020 Q1	R2002114-014	96	95	102
OS-6 2020 Q1	R2002114-015	91	96	98
OS-6R 2020 Q1	R2002114-016	92	95	99
OS-7R 2020 Q1	R2002114-017	96	98	103
OS-7D 2020 Q1	R2002114-018	93	96	100
OS-9 2020 Q1	R2002114-019	92	92	98
OS-9R 2020 Q1	R2002114-020	96	92	102
OS-11R 2020 Q1	R2002114-021	95	96	101
OS-11D 2020 Q1	R2002114-022	92	96	99
OS-12R 2020 Q1	R2002114-023	90	91	97
OS-15R 2020 Q1	R2002114-024	92	95	100
OS-15D 2020 Q1	R2002114-025	94	94	101
DUP-02 2020 Q1	R2002114-026	93	93	100
TRIP BLANK-02 2020 Q1	R2002114-028	95	95	100
Method Blank	RQ2002428-04	94	96	100
Method Blank	RQ2002455-06	95	94	101
Lab Control Sample	RQ2002428-03	96	99	103
Lab Control Sample	RQ2002455-03	99	98	103
Duplicate Lab Control Sample	RQ2002455-04	94	98	100
OS-6 2020 Q1 MS	RQ2002428-05	96	99	102
OS-6 2020 Q1 DMS	RQ2002428-06	94	97	100

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: 03/09/20
Date Received: 03/11/20
Date Analyzed: 03/12/20
Date Extracted: NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name: OS-6 2020 Q1
Lab Code: R2002114-015
Analysis Method: 8260C
Prep Method: EPA 5030C

Units: ug/L
Basis: NA

Analyte Name	Matrix Spike RQ2002428-05				Duplicate Matrix Spike RQ2002428-06				RPD	RPD Limit
	Sample Result	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits		
Benzene	5.0 U	47.1	50.0	94	47.2	50.0	94	76-129	<1	30
Bromodichloromethane	5.0 U	42.4	50.0	85	43.9	50.0	88	78-133	3	30
Bromoform	5.0 U	39.6	50.0	79	42.6	50.0	85	58-133	7	30
Bromomethane	5.0 U	35.9	50.0	72	33.7	50.0	67	10-184	6	30
Carbon Tetrachloride	5.0 U	40.0	50.0	80	41.4	50.0	83	65-135	3	30
Chlorobenzene	5.0 U	47.6	50.0	95	47.3	50.0	95	76-125	<1	30
Chloroethane	5.0 U	45.9	50.0	92	44.7	50.0	89	48-146	2	30
2-Chloroethyl Vinyl Ether	5.0 U	35.9	50.0	72	37.9	50.0	76	19-162	5	30
Chloroform	5.0 U	44.6	50.0	89	42.8	50.0	86	75-130	4	30
Chloromethane	5.0 U	54.8	50.0	110	51.8	50.0	104	55-160	5	30
Dibromochloromethane	5.0 U	44.1	50.0	88	45.0	50.0	90	72-128	2	30
1,2-Dichlorobenzene	5.0 U	43.3	50.0	87	43.8	50.0	88	77-120	1	30
1,3-Dichlorobenzene	5.0 U	43.3	50.0	87	44.8	50.0	90	83-121	3	30
1,4-Dichlorobenzene	5.0 U	42.5	50.0	85	43.5	50.0	87	82-120	2	30
1,1-Dichloroethane (1,1-DCA)	5.0 U	51.9	50.0	104	49.3	50.0	99	74-132	5	30
1,2-Dichloroethane	5.0 U	43.0	50.0	86	42.3	50.0	85	68-130	2	30
1,1-Dichloroethene (1,1-DCE)	5.0 U	47.5	50.0	95	47.8	50.0	96	71-118	<1	30
trans-1,2-Dichloroethene	5.0 U	47.6	50.0	95	46.0	50.0	92	73-118	3	30
cis-1,2-Dichloroethene	18	66.1	50.0	95	63.0	50.0	89	77-127	5	30
1,2-Dichloropropane	5.0 U	47.2	50.0	94	47.0	50.0	94	79-124	<1	30
cis-1,3-Dichloropropene	5.0 U	43.6	50.0	87	44.2	50.0	88	52-134	1	30
trans-1,3-Dichloropropene	5.0 U	41.4	50.0	83	42.2	50.0	84	71-133	2	30
Ethylbenzene	5.0 U	47.8	50.0	96	46.8	50.0	94	72-134	2	30
Methylene Chloride	5.0 U	42.5	50.0	85	40.7	50.0	81	73-122	4	30
1,1,2,2-Tetrachloroethane	5.0 U	46.3	50.0	93	47.0	50.0	94	72-122	2	30
Toluene	5.0 U	47.2	50.0	94	46.8	50.0	94	79-119	<1	30
1,1,1-Trichloroethane (TCA)	5.0 U	43.9	50.0	88	44.3	50.0	89	74-127	<1	30
1,1,2-Trichloroethane	5.0 U	42.0	50.0	84	42.4	50.0	85	82-121	1	30
Tetrachloroethene (PCE)	5.0 U	50.4	50.0	101	48.5	50.0	97	72-125	4	30
Trichloroethene (TCE)	5.0 U	45.9	50.0	92	46.4	50.0	93	74-122	1	30
Trichlorofluoromethane (CFC 11)	5.0 U	49.2	50.0	98	48.7	50.0	97	71-136	1	30
Vinyl Chloride	5.0 U	51.3	50.0	103	49.8	50.0	100	74-159	3	30
m,p-Xylenes	5.0 U	99.6	100	100	97.8	100	98	80-126	2	30
o-Xylene	5.0 U	48.9	50.0	98	47.0	50.0	94	79-123	4	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2002428-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/12/20 12:37	
Bromodichloromethane	5.0 U	5.0	1	03/12/20 12:37	
Bromoform	5.0 U	5.0	1	03/12/20 12:37	
Bromomethane	5.0 U	5.0	1	03/12/20 12:37	
Carbon Tetrachloride	5.0 U	5.0	1	03/12/20 12:37	
Chlorobenzene	5.0 U	5.0	1	03/12/20 12:37	
Chloroethane	5.0 U	5.0	1	03/12/20 12:37	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/12/20 12:37	
Chloroform	5.0 U	5.0	1	03/12/20 12:37	
Chloromethane	5.0 U	5.0	1	03/12/20 12:37	
Dibromochloromethane	5.0 U	5.0	1	03/12/20 12:37	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/12/20 12:37	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/12/20 12:37	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/12/20 12:37	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/12/20 12:37	
1,2-Dichloroethane	5.0 U	5.0	1	03/12/20 12:37	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/12/20 12:37	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 12:37	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/12/20 12:37	
1,2-Dichloropropane	5.0 U	5.0	1	03/12/20 12:37	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 12:37	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/12/20 12:37	
Ethylbenzene	5.0 U	5.0	1	03/12/20 12:37	
Methylene Chloride	5.0 U	5.0	1	03/12/20 12:37	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/12/20 12:37	
Toluene	5.0 U	5.0	1	03/12/20 12:37	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/12/20 12:37	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/12/20 12:37	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/12/20 12:37	
Trichloroethene (TCE)	5.0 U	5.0	1	03/12/20 12:37	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/12/20 12:37	
Vinyl Chloride	5.0 U	5.0	1	03/12/20 12:37	
m,p-Xylenes	5.0 U	5.0	1	03/12/20 12:37	
o-Xylene	5.0 U	5.0	1	03/12/20 12:37	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/12/20 12:37	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2002428-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	03/12/20 12:37	
Dibromofluoromethane	96	89 - 119	03/12/20 12:37	
Toluene-d8	100	87 - 121	03/12/20 12:37	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2002455-06

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	03/13/20 12:44	
Bromodichloromethane	5.0 U	5.0	1	03/13/20 12:44	
Bromoform	5.0 U	5.0	1	03/13/20 12:44	
Bromomethane	5.0 U	5.0	1	03/13/20 12:44	
Carbon Tetrachloride	5.0 U	5.0	1	03/13/20 12:44	
Chlorobenzene	5.0 U	5.0	1	03/13/20 12:44	
Chloroethane	5.0 U	5.0	1	03/13/20 12:44	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	03/13/20 12:44	
Chloroform	5.0 U	5.0	1	03/13/20 12:44	
Chloromethane	5.0 U	5.0	1	03/13/20 12:44	
Dibromochloromethane	5.0 U	5.0	1	03/13/20 12:44	
1,2-Dichlorobenzene	5.0 U	5.0	1	03/13/20 12:44	
1,3-Dichlorobenzene	5.0 U	5.0	1	03/13/20 12:44	
1,4-Dichlorobenzene	5.0 U	5.0	1	03/13/20 12:44	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	03/13/20 12:44	
1,2-Dichloroethane	5.0 U	5.0	1	03/13/20 12:44	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	03/13/20 12:44	
trans-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 12:44	
cis-1,2-Dichloroethene	5.0 U	5.0	1	03/13/20 12:44	
1,2-Dichloropropane	5.0 U	5.0	1	03/13/20 12:44	
cis-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 12:44	
trans-1,3-Dichloropropene	5.0 U	5.0	1	03/13/20 12:44	
Ethylbenzene	5.0 U	5.0	1	03/13/20 12:44	
Methylene Chloride	5.0 U	5.0	1	03/13/20 12:44	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	03/13/20 12:44	
Toluene	5.0 U	5.0	1	03/13/20 12:44	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	03/13/20 12:44	
1,1,2-Trichloroethane	5.0 U	5.0	1	03/13/20 12:44	
Tetrachloroethene (PCE)	5.0 U	5.0	1	03/13/20 12:44	
Trichloroethene (TCE)	5.0 U	5.0	1	03/13/20 12:44	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	03/13/20 12:44	
Vinyl Chloride	5.0 U	5.0	1	03/13/20 12:44	
m,p-Xylenes	5.0 U	5.0	1	03/13/20 12:44	
o-Xylene	5.0 U	5.0	1	03/13/20 12:44	
Total Target Volatiles (TTV)	5.0 U	5.0	1	03/13/20 12:44	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2002455-06

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	03/13/20 12:44	
Dibromofluoromethane	94	89 - 119	03/13/20 12:44	
Toluene-d8	101	87 - 121	03/13/20 12:44	

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Analyzed: 03/12/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2002428-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Benzene	8260C	20.2	20.0	101	79-119
Bromodichloromethane	8260C	21.0	20.0	105	81-123
Bromoform	8260C	20.8	20.0	104	65-146
Bromomethane	8260C	16.9	20.0	85	42-166
Carbon Tetrachloride	8260C	17.6	20.0	88	70-127
Chlorobenzene	8260C	20.6	20.0	103	80-121
Chloroethane	8260C	19.4	20.0	97	62-131
2-Chloroethyl Vinyl Ether	8260C	17.6	20.0	88	19-162
Chloroform	8260C	19.5	20.0	97	79-120
Chloromethane	8260C	22.3	20.0	111	65-135
Dibromochloromethane	8260C	21.6	20.0	108	72-128
1,2-Dichlorobenzene	8260C	19.2	20.0	96	80-119
1,3-Dichlorobenzene	8260C	19.2	20.0	96	83-121
1,4-Dichlorobenzene	8260C	18.7	20.0	93	79-119
1,1-Dichloroethane (1,1-DCA)	8260C	21.9	20.0	109	80-124
1,2-Dichloroethane	8260C	20.4	20.0	102	71-127
1,1-Dichloroethene (1,1-DCE)	8260C	19.5	20.0	97	71-118
trans-1,2-Dichloroethene	8260C	19.2	20.0	96	73-118
cis-1,2-Dichloroethene	8260C	20.1	20.0	101	80-121
1,2-Dichloropropane	8260C	21.1	20.0	105	80-119
cis-1,3-Dichloropropene	8260C	20.2	20.0	101	77-122
trans-1,3-Dichloropropene	8260C	19.9	20.0	99	71-133
Ethylbenzene	8260C	19.4	20.0	97	76-120
Methylene Chloride	8260C	19.9	20.0	100	73-122
1,1,2,2-Tetrachloroethane	8260C	22.0	20.0	110	78-126
Toluene	8260C	19.9	20.0	99	79-119
1,1,1-Trichloroethane (TCA)	8260C	18.5	20.0	93	75-125
1,1,2-Trichloroethane	8260C	19.6	20.0	98	82-121
Tetrachloroethene (PCE)	8260C	18.3	20.0	91	72-125
Trichloroethene (TCE)	8260C	18.7	20.0	93	74-122
Trichlorofluoromethane (CFC 11)	8260C	19.9	20.0	100	71-136
Vinyl Chloride	8260C	20.9	20.0	104	74-159
m,p-Xylenes	8260C	40.5	40.0	101	80-126

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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Analyzed: 03/12/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L**Basis:**NA**Lab Control Sample**

RQ2002428-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
o-Xylene	8260C	20.1	20.0	100	79-123

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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Analyzed: 03/13/20

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample RQ2002455-03					Duplicate Lab Control Sample RQ2002455-04					
Analyte Name	Analytical Method	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Benzene	8260C	18.9	20.0	94	22.0	20.0	110	79-119	15	30
Bromodichloromethane	8260C	19.0	20.0	95	21.0	20.0	105	81-123	10	30
Bromoform	8260C	16.3	20.0	82	20.7	20.0	103	65-146	23	30
Bromomethane	8260C	15.6	20.0	78	16.5	20.0	83	42-166	6	30
Carbon Tetrachloride	8260C	16.7	20.0	84	19.8	20.0	99	70-127	17	30
Chlorobenzene	8260C	19.1	20.0	96	22.6	20.0	113	80-121	17	30
Chloroethane	8260C	18.5	20.0	93	20.3	20.0	101	62-131	9	30
2-Chloroethyl Vinyl Ether	8260C	13.9	20.0	70	16.4	20.0	82	19-162	17	30
Chloroform	8260C	17.7	20.0	88	20.5	20.0	102	79-120	15	30
Chloromethane	8260C	20.3	20.0	101	24.9	20.0	124	65-135	20	30
Dibromochloromethane	8260C	18.9	20.0	94	22.3	20.0	111	72-128	17	30
1,2-Dichlorobenzene	8260C	18.2	20.0	91	21.2	20.0	106	80-119	16	30
1,3-Dichlorobenzene	8260C	18.3	20.0	91	21.5	20.0	107	83-121	16	30
1,4-Dichlorobenzene	8260C	18.4	20.0	92	21.1	20.0	105	79-119	14	30
1,1-Dichloroethane (1,1-DCA)	8260C	19.7	20.0	99	23.6	20.0	118	80-124	18	30
1,2-Dichloroethane	8260C	18.4	20.0	92	21.5	20.0	108	71-127	15	30
1,1-Dichloroethene (1,1-DCE)	8260C	18.5	20.0	92	21.4	20.0	107	71-118	15	30
trans-1,2-Dichloroethene	8260C	18.1	20.0	91	21.6	20.0	108	73-118	17	30
cis-1,2-Dichloroethene	8260C	18.8	20.0	94	20.8	20.0	104	80-121	10	30
1,2-Dichloropropane	8260C	19.4	20.0	97	22.5	20.0	113	80-119	15	30
cis-1,3-Dichloropropene	8260C	18.5	20.0	93	21.4	20.0	107	77-122	14	30
trans-1,3-Dichloropropene	8260C	17.0	20.0	85	20.9	20.0	105	71-133	20	30
Ethylbenzene	8260C	18.2	20.0	91	22.1	20.0	111	76-120	20	30
Methylene Chloride	8260C	17.5	20.0	87	19.8	20.0	99	73-122	13	30
1,1,2,2-Tetrachloroethane	8260C	18.4	20.0	92	22.9	20.0	114	78-126	22	30
Toluene	8260C	19.0	20.0	95	22.0	20.0	110	79-119	15	30
1,1,1-Trichloroethane (TCA)	8260C	17.5	20.0	87	20.6	20.0	103	75-125	16	30
1,1,2-Trichloroethane	8260C	17.2	20.0	86	20.8	20.0	104	82-121	19	30
Tetrachloroethene (PCE)	8260C	18.3	20.0	92	21.0	20.0	105	72-125	14	30
Trichloroethene (TCE)	8260C	18.1	20.0	90	20.8	20.0	104	74-122	14	30
Trichlorofluoromethane (CFC 11)	8260C	19.0	20.0	95	22.4	20.0	112	71-136	16	30
Vinyl Chloride	8260C	19.4	20.0	97	23.1	20.0	115	74-159	17	30
m,p-Xylenes	8260C	39.8	40.0	100	46.1	40.0	115	80-126	15	30

ALS Group USA, Corp.

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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Analyzed: 03/13/20

Duplicate Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L**Basis:**NA

Analyte Name	Lab Control Sample				Duplicate Lab Control Sample				RPD	RPD Limit
	Analytical Method	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits		
o-Xylene	8260C	18.9	20.0	94	22.0	20.0	110	79-123	15	30



Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114

SURROGATE RECOVERY SUMMARY
Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Extraction Method: EPA 3510C

Sample Name	Lab Code	o-Terphenyl
		18-152
MW-12 2020 Q1	R2002114-003	59
MW-13 2020 Q1	R2002114-004	60
PW-2 2020 Q1	R2002114-007	59
DUP-01 2020 Q1	R2002114-009	66
EB-01 2020 Q1	R2002114-010	73
Method Blank	RQ2002500-01	75
Lab Control Sample	RQ2002500-02	72
Duplicate Lab Control Sample	RQ2002500-03	66

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2002500-01

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	100 U	100	1	03/18/20 18:54	3/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	75	18 - 152	03/18/20 18:54	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2002605-01

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	1000 U	1000	1	03/18/20 11:21	3/13/20	

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells/461-06-00
Sample Matrix: Water

Service Request: R2002114
Date Analyzed: 03/18/20

Duplicate Lab Control Sample Summary
Hydrocarbon Scan by GC-FID

Units:ug/L**Basis:**NA**Lab Control Sample**

RQ2002500-02

Duplicate Lab Control Sample

RQ2002500-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Mineral Spirits	8015C	149	501	30	164	501	33	10-136	9	30



BERGMANN
ARCHITECTS ENGINEERS PLANNERS

SECOND QUARTER

LABORATORY ANALYTICAL REPORT



July 07, 2020

Service Request No:R2005387

Missy Bessey
Xerox Corporation USA
800 Phillips Road
Bldg #205-99F
Webster, NY 14580

Laboratory Results for: Blauvelt Wells - Xerox (Q2)

Dear Missy,

Enclosed are the results of the sample(s) submitted to our laboratory June 24, 2020
For your reference, these analyses have been assigned our service request number **R2005387**.

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Janice Jaeger for:

Meghan Pedro
Project Manager

CC: Janice Szucs

ADDRESS

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

PHONE +1 585 288 5380 | **FAX** +1 585 288 8475

ALS Group USA, Corp.
dba ALS Environmental



Narrative Documents

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com



Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)
Sample Matrix: Water

Service Request: R2005387
Date Received: 06/24/2020

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Twenty eight water samples were received for analysis at ALS Environmental on 06/24/2020. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatile GC:

No significant anomalies were noted with this analysis.

Volatiles by GC/MS:

Method 8260C, 06/25/2020: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260C, 06/26/2020: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by Meghan Pedro

Date 07/06/2020

ALS Group USA, Corp. dba ALS Environmental

Total Target Volatiles Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Analytical Method: 8260C

Service Request: R2005387
Date Reported: 7/7/20
Units: µg/L

Client Sample ID	Total Target Volatiles
W-2 2020 Q2	ND
U-6D 2020 Q2	ND
MW-12 2020 Q2	11350.0
MW-13 2020 Q2	24.8
OW-1 2020 Q2	32.0
OW-2 2020 Q2	109.6
PW-2 2020 Q2	4500.0
RI-6 2020 Q2	ND
DUP-01 2020 Q2	4470.0
EB-01 2020 Q2	ND
TRIP BLANK-01 2020 Q2	ND
OS-2R 2020 Q2	166.9
OS-5R 2020 Q2	66.0
OS-5D 2020 Q2	19.0
OS-6 2020 Q2	32.0
OS-6R 2020 Q2	77.9
OS-7R 2020 Q2	10.0
OS-7D 2020 Q2	ND
OS-9 2020 Q2	8.1
OS-9R 2020 Q2	ND
OS-11R 2020 Q2	ND
OS-11D 20120 Q2	9.8
OS-12R 2020 Q2	ND
OS-15R 2020 Q2	ND
OS-15D 2020 Q2	ND
DUP-02 2020 Q2	7.7
TRIP BLANK-02 2020 Q2	ND



SAMPLE DETECTION SUMMARY

CLIENT ID: MW-12 2020 Q2				Lab ID: R2005387-003		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	11000	D		500	ug/L	8260C
Vinyl Chloride	350			130	ug/L	8260C
Total Target Volatiles (TTV)	11350.0			125.0	ug/L	8260C
CLIENT ID: MW-13 2020 Q2				Lab ID: R2005387-004		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	18			5.0	ug/L	8260C
Tetrachloroethene (PCE)	6.8			5.0	ug/L	8260C
Total Target Volatiles (TTV)	24.8			5.0	ug/L	8260C
CLIENT ID: OW-1 2020 Q2				Lab ID: R2005387-005		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	32			5.0	ug/L	8260C
Total Target Volatiles (TTV)	32.0			5.0	ug/L	8260C
CLIENT ID: OW-2 2020 Q2				Lab ID: R2005387-006		
Analyte	Results	Flag	MDL	MRL	Units	Method
1,1-Dichloroethane (1,1-DCA)	5.7			5.0	ug/L	8260C
cis-1,2-Dichloroethene	93			5.0	ug/L	8260C
Tetrachloroethene (PCE)	5.4			5.0	ug/L	8260C
Vinyl Chloride	5.5			5.0	ug/L	8260C
Total Target Volatiles (TTV)	109.6			5.0	ug/L	8260C
CLIENT ID: PW-2 2020 Q2				Lab ID: R2005387-007		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	4300	D		250	ug/L	8260C
Vinyl Chloride	200			130	ug/L	8260C
Total Target Volatiles (TTV)	4500.0			125.0	ug/L	8260C
CLIENT ID: DUP-01 2020 Q2				Lab ID: R2005387-009		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	4300			130	ug/L	8260C
Vinyl Chloride	170			130	ug/L	8260C
Total Target Volatiles (TTV)	4470.0			125.0	ug/L	8260C
CLIENT ID: OS-2R 2020 Q2				Lab ID: R2005387-012		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	160			5.0	ug/L	8260C
Tetrachloroethene (PCE)	6.9			5.0	ug/L	8260C
Total Target Volatiles (TTV)	166.9			5.0	ug/L	8260C
CLIENT ID: OS-5R 2020 Q2				Lab ID: R2005387-013		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	66			5.0	ug/L	8260C
Total Target Volatiles (TTV)	66.0			5.0	ug/L	8260C



SAMPLE DETECTION SUMMARY

CLIENT ID: OS-5R 2020 Q2			Lab ID: R2005387-013			
Analyte	Results	Flag	MDL	MRL	Units	Method
CLIENT ID: OS-5D 2020 Q2			Lab ID: R2005387-014			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	19			5.0	ug/L	8260C
Total Target Volatiles (TTV)	19.0			5.0	ug/L	8260C
CLIENT ID: OS-6 2020 Q2			Lab ID: R2005387-015			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	32			5.0	ug/L	8260C
Total Target Volatiles (TTV)	32.0			5.0	ug/L	8260C
CLIENT ID: OS-6R 2020 Q2			Lab ID: R2005387-016			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	52			5.0	ug/L	8260C
Tetrachloroethene (PCE)	16			5.0	ug/L	8260C
Trichloroethene (TCE)	9.9			5.0	ug/L	8260C
Total Target Volatiles (TTV)	77.9			5.0	ug/L	8260C
CLIENT ID: OS-7R 2020 Q2			Lab ID: R2005387-017			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	10			5.0	ug/L	8260C
Total Target Volatiles (TTV)	10.0			5.0	ug/L	8260C
CLIENT ID: OS-9 2020 Q2			Lab ID: R2005387-019			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	8.1			5.0	ug/L	8260C
Total Target Volatiles (TTV)	8.1			5.0	ug/L	8260C
CLIENT ID: OS-11D 20120 Q2			Lab ID: R2005387-022			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	9.8			5.0	ug/L	8260C
Total Target Volatiles (TTV)	9.8			5.0	ug/L	8260C
CLIENT ID: DUP-02 2020 Q2			Lab ID: R2005387-026			
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	7.7			5.0	ug/L	8260C
Total Target Volatiles (TTV)	7.7			5.0	ug/L	8260C



Sample Receipt Information

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request:R2005387

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2005387-001	W-2 2020 Q2	6/23/2020	0800
R2005387-002	U-6D 2020 Q2	6/22/2020	1405
R2005387-003	MW-12 2020 Q2	6/23/2020	0830
R2005387-004	MW-13 2020 Q2	6/23/2020	0845
R2005387-005	OW-1 2020 Q2	6/23/2020	0945
R2005387-006	OW-2 2020 Q2	6/23/2020	1005
R2005387-007	PW-2 2020 Q2	6/23/2020	0910
R2005387-008	RI-6 2020 Q2	6/22/2020	1345
R2005387-009	DUP-01 2020 Q2	6/23/2020	0915
R2005387-010	EB-01 2020 Q2	6/23/2020	0725
R2005387-011	TRIP BLANK-01 2020 Q2	6/22/2020	
R2005387-012	OS-2R 2020 Q2	6/22/2020	1015
R2005387-013	OS-5R 2020 Q2	6/22/2020	0945
R2005387-014	OS-5D 2020 Q2	6/22/2020	0950
R2005387-015	OS-6 2020 Q2	6/22/2020	0845
R2005387-016	OS-6R 2020 Q2	6/22/2020	0855
R2005387-017	OS-7R 2020 Q2	6/22/2020	1055
R2005387-018	OS-7D 2020 Q2	6/22/2020	1110
R2005387-019	OS-9 2020 Q2	6/22/2020	1150
R2005387-020	OS-9R 2020 Q2	6/22/2020	1130
R2005387-021	OS-11R 2020 Q2	6/22/2020	0810
R2005387-022	OS-11D 20120 Q2	6/22/2020	0815
R2005387-023	OS-12R 2020 Q2	6/22/2020	1215
R2005387-024	OS-15R 2020 Q2	6/22/2020	1315
R2005387-025	OS-15D 2020 Q2	6/22/2020	1250
R2005387-026	DUP-02 2020 Q2	6/22/2020	1155
R2005387-028	TRIP BLANK-02 2020 Q2	6/23/2020	



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

001323

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 3

Project Name Blauvelt - Xerox (Q2)		Project Number 461-06-00		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																																			
Project Manager Larry Coddington		Report CC		PRESERVATIVE																																			
Company/Address GWS - Hydrogeology, P.C. 18 Bridge Street Montgomery, NY 12549		Email lcoddington@hcr.com		Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____																																			
Phone # 845-482-9985		Sampler's Signature Larry Coddington		Sampler's Printed Name Larry F. Coddington		REMARKS/ ALTERNATE DESCRIPTION																																	
CLIENT SAMPLE ID		FOR OFFICE USE ONLY LAB ID		DATE		TIME		MATRIX																															
MW-12		-003		6/23/20		8:30		GW		2																													
MW-13		-004		6/23/20		8:45		GW		2																													
W-2		-001		6/23/20		8:00		GW		2																													
PW-2		-007		6/23/20		9:10		GW		2																													
DUP-01		-009		6/23/20		9:15		GW		2																													
OW-1		-005		6/23/20		9:45		GW																															
OW-2		-006		6/23/20		10:05		GW																															
EB-01		-010		6/23/20		7:25		AQ		2																													
RF-6		-008		6/23/20		13:45		GW																															
V-6		-002		6/23/20		14:05		GW																															
OS-6		-015		6/23/20		8:45		GW		MS/MSD																													
SPECIAL INSTRUCTIONS/COMMENTS Metals * OS-6 includes 3 VOA's for MS/MSD.										TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day Standard (10 business days-No Surcharge) REQUESTED REPORT DATE 5/15										REPORT REQUIREMENTS ☒ I. Results Only ☐ II. Results + QC Summaries (LCS, DUP, MS/MSD as required) ☐ III. Results + QC and Calibration Summaries ☐ IV. Data Validation Report with Raw Data Edata Yes No										INVOICE INFORMATION PO # BILL TO:									
STATE WHERE SAMPLES WERE COLLECTED Blauvelt, New York										RECEIVED BY										RECEIVED BY																			
RELINQUISHED BY										RECEIVED BY										RELINQUISHED BY																			
Signature Larry F. Coddington										Signature Gregory P. Esmerian										Signature																			
Printed Name Larry F. Coddington										Printed Name Gregory P. Esmerian										Printed Name																			
Firm GWS										Firm ALS										Firm																			
Date/Time 6/23/19 17:00										Date/Time 6/24/20 09:40										Date/Time																			

R2005387
Xerox Corporation USA
Blauvelt Wells - Xerox (Q2)

5





CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

001324

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 2 OF 3

Project Name Blauvelt-Xerox (Q2)		Project Number 461-06-00		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																									
Project Manager Larry Codrington		Report CC		PRESERVATIVE																									
Company/Address GW2-Hydrology, P.C.				NUMBER OF CONTAINERS GC/MS VOAs • 8260 • 824 • CLP GC/MS SVOAs • 8270 • 825 GC VOAs • 8021 • 801/802 PESTICIDES • 8081 • 808 PCBs • 8082 • 808 METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below)																									
18 Bridge Street																													
Montgomery Rd 12549																													
Phone # 845-457-9955		Email larry.codrington@xerox.com																											
Sampler's Signature [Signature]		Sampler's Printed Name Laurence F. Codrington		PRESERVATIVE KEY 0. NONE 1. HCL 2. HNO₃ 3. H₂SO₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO₄ 8. Other _____																									
CLIENT SAMPLE ID		FOR OFFICE USE ONLY LAB ID		SAMPLING DATE		SAMPLING TIME		MATRIX		REMARKS/ALTERNATE DESCRIPTION																			
OS-6R		-016		6/22/20		8:55		GW																					
OS-11R		-621		6/22/20		8:10		GW																					
OS-11D		-022		6/22/20		8:15		GW																					
OS-SR		-013		6/22/20		9:45		GW																					
OS-SD		-014		6/22/20		9:50		GW																					
OS-2R		-012		6/22/20		10:15		GW																					
OS-7R		-017		6/22/20		10:55		GW																					
OS-7D		-018		6/22/20		11:10		GW																					
OS-9		-019		6/22/20		11:50		GW																					
DUP-02		-026		6/22/20		11:55		GW																					
OS-9R		-020		6/22/20		11:30		GW																					
SPECIAL INSTRUCTIONS/COMMENTS Metals										TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day Standard (10 business days-No Surcharge) REQUESTED REPORT DATE STD					REPORT REQUIREMENTS ☒ I. Results Only ☐ II. Results + OC Summaries (LCS, DUP, MS/MSD as required) ☐ III. Results + OC and Calibration Summaries ☐ IV. Data Validation Report with Raw Data Edata Yes No					INVOICE INFORMATION PO # BILL TO:									
See QAPP ☐																													
STATE WHERE SAMPLES WERE COLLECTED Blauvelt New York																													
RELINQUISHED BY					RECEIVED BY					RELINQUISHED BY					RECEIVED BY					RELINQUISHED BY					RECEIVED BY				
[Signature]					[Signature]					[Signature]					[Signature]					[Signature]					[Signature]				
Printed Name Laurence F. Codrington					Printed Name Stacy E. Esmerian					Printed Name					Printed Name					Printed Name					Printed Name				
Firm GW2					Firm ALS					Firm					Firm					Firm					Firm				
Date/Time 6/23/19 17:00					Date/Time 6/27/20 09:40					Date/Time					Date/Time					Date/Time					Date/Time				





Cooler Receipt and Preservation Check Form

R2005387

Xerox Corporation USA
Blauvelt Wells - Xerox (G2)

5

Project/Client GWI Folder Number _____Cooler received on 6-24-2020by JECOURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	<u>Y</u>	N
2	Custody papers properly completed (ink, signed)?	<u>Y</u>	N
3	Did all bottles arrive in good condition (unbroken)?	<u>Y</u>	N
4	Circle: <u>Wet Ice</u> Dry Ice Gel packs present?	<u>Y</u>	N

5a	Perchlorate samples have required headspace?	Y	N	<u>NA</u>
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	<u>Y</u>	N	NA
6	Where did the bottles originate?	<u>ALS/ROC</u>	CLIENT	
7	Soil VOA received as:	Bulk	Encore	5035set <u>NA</u>

3. Temperature Readings Date: 6-24-2020 Time: 10:46 ID: IR#7 IR#10 From: Temp Blank Sample Bottle

Observed Temp (°C)	8.1	8.2					
Within 0-6°C?	Y ~~N~~	Y ~~N~~	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	~~Y N~~	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted _____ Poorly Packed (described below) _____ Same Day Rule

& Client Approval to Run Samples: _____ Standing Approval _____ Client aware at drop-off _____ Client notified by: _____

All samples held in storage location: R-002 by JE on 6-24-2020 at 1059
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y NCooler Breakdown/Preservation Check**: Date: 6/24/2020 Time: 1946 by: JE

9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO
13. Air Samples: Cassettes / Tubes Intact with MS? _____ Canisters Pressurized _____ Tedlar® Bags Inflated N/A

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH	Yes	No						
≤2		HNO ₃								
≤2		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add Na ₂ S ₂ O ₃ (625, 608, CN), ascorbic (phenol).					
		Na ₂ S ₂ O ₃								
		ZnAcetate	-	-						
		HCl	**	**						

**VOAs and 1664 Not to be tested before analysis.
Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).Bottle lot numbers: 9-315-001, 090219-10K

Explain all Discrepancies/ Other Comments:

* Trip Blank: All 3 vials

OS-1SD: 2 of 3 vials

OS-5D: 1 of 3 vials

Dup: 1 of 3 vials

OS-5R: All 3 vials

U-6D: 1 of 3 vials

OS-12R: 1 of 3 vials

OS-7D: 1 of 3 vials

OS-11D: 1 of 3 vials

Trip Blank: All 3 vials

OS-6R: 2 of 3 vials

M3/M3D: 1 of 3 vials

OS-2R: All 3 vials

OS-15R: 1 of 3 vials

PW-2: 1 of 3 vials

OS-6: 1 of 3 vials

MW-13: 1 of 3 vials

OS-7R: 1 of 3 vials

MW-12: 2 of 3 vials

OS-11R: 2 of 3 vials

RF-6: 2 of 3 vials

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: JEPC Secondary Review: W*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter
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Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OW-1	Project Location	Blauvelt - Xerox	Sample Date/Time	6/23/20 9:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.81	☒ From inner casing	☐ From protective casing		
Bottom Depth	35.33	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.60	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	11.0	Well Volumes		3.05	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30.0				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	5.61	pH (SU)	pH (SU)		
temp @	15.26	temp @	temp @		
Cond (us/cm)	932	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	13.6	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.60	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	86.3	eH/ORP	eH/ORP		
Comments/Remarks	Clear, No odor, No sheen.				
	Black Ants inside well casing and in purge water.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OW-2	Project Location	Blauvelt - Xerox	Sample Date/Time	6/23/20 10:05 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	11.26	☒ From inner casing	☐ From protective casing		
Bottom Depth	32.85	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.45	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	11.0	Well Volumes		3.18	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
	☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer
	☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct
	☐ Other			☐ Stainless spoon	☐ Split spoon
Dedicated sampling equipment?		☐ Yes		☒ No	
Metals field filtered?		☐ Yes		☒ No	
Depth of sample (ft.)	~30.0				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	5.20 (?)	pH (SU)	pH (SU)		
temp @	15.02	temp @	temp @		
Cond (us/cm)	913	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	26.8	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	7.37	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	313.6	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	PW-2/DUP-01	Project Location	Blauvelt - Xerox	Sample Date/Time	6/23/20 9:10 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	3"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	11.75	☐ From inner casing	☒ From protective casing		
Bottom Depth	20.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.37	Water Volume in Well (in gallons)		3.15	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	1 bails/gal	Number of Bails			
Volume Purged (gal)	10.0	Well Volumes		3.18	
Time Purge Complete		Well evacuated?	☐ Yes	☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☒ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~18				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.23	pH (SU)		pH (SU)	
temp @	14.36	temp @		temp @	
Cond (us/cm)	919	Cond (us/cm)		Cond (us/cm)	
Turb (NTU)	34.8	Turb (NTU)		Turb (NTU)	
Diss. O2 (mg/l)	4.59	Diss. O2 (mg/l)		Diss. O2 (mg/l)	
eH/ORP	14.6	eH/ORP		eH/ORP	
Comments/Remarks	Iron color, no odor, no sheen, turbid				
	DUP-01 collected at 9:15 (8260 & 8015)				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	W-2	Project Location	Blauvelt - Xerox	Sample Date/Time	6/23/20 8:00 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	7.78	☐ From inner casing	☒ From protective casing		
Bottom Depth	13.98	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.99	
Well Condition	OK				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	1.50	Well Volumes		1.51	
Time Purge Complete		Well evacuated?		☒ Yes	☐ No

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~13.5				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.62	pH (SU)		pH (SU)	
temp @	16.87	temp @		temp @	
Cond (us/cm)	346	Cond (us/cm)		Cond (us/cm)	
Turb (NTU)	22.1	Turb (NTU)		Turb (NTU)	
Diss. O2 (mg/l)	6.49	Diss. O2 (mg/l)		Diss. O2 (mg/l)	
eH/ORP	0.9	eH/ORP		eH/ORP	
Comments/Remarks					
clear, no odor, no sheen.					

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	MW-12	Project Location	Blauvelt - Xerox	Sample Date/Time	6/23/20 8:30 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	10.09	☒ From inner casing	☐ From protective casing		
Bottom Depth	14.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.70	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	1.5	Well Volumes		2.15	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~10'				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.11	pH (SU)		pH (SU)	
temp @	15.07	temp @		temp @	
Cond (us/cm)	1,098	Cond (us/cm)		Cond (us/cm)	
Turb (NTU)	8.56	Turb (NTU)		Turb (NTU)	
Diss. O2 (mg/l)	5.59	Diss. O2 (mg/l)		Diss. O2 (mg/l)	
eH/ORP	247.7	eH/ORP		eH/ORP	
Comments/Remarks	Allowed to recover				
	clear, no odor, no sheen.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	MW-13	Project Location	Blauvelt - Xerox	Sample Date/Time	6/23/20 8:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	14.16	☒ From inner casing	☐ From protective casing		
Bottom Depth	15.60	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.23	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	4 bails/gal	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	1.50	Well Volumes		6.51	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~12'				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	5.89	pH (SU)	pH (SU)		
temp @	14.49	temp @	temp @		
Cond (us/cm)	718	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	49	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.89	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	42.1	eH/ORP	eH/ORP		
Comments/Remarks	turbid, floaters, suspended organic debris (Fe bacteria)				
	no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	RI-6	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 1:45 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.03	☒ From inner casing	☐ From protective casing		
Bottom Depth	23.55	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		1.84	
Well Condition	Poor				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	6.00	Well Volumes		3.26	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	5.41	pH (SU)	pH (SU)		
temp @	15.60	temp @	temp @		
Cond (us/cm)	685	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	12.7	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	9.28	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	507.9	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	U6-D	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 2:05 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	6.15	☐ From inner casing	☒ From protective casing		
Bottom Depth	26.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.22	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	6.5	Well Volumes		2.02	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.85	pH (SU)	pH (SU)		
temp @	14.20	temp @	temp @		
Cond (us/cm)	627	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	23.6	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	10.92	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	604.0	eH/ORP	eH/ORP		
Comments/Remarks	Clear, No odor, No sheen.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-2R	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 10:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☒ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	21.24	☐ From inner casing	☐ From protective casing		
Bottom Depth	46.35	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.02	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	1 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	14.0	Well Volumes		3.48	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~45				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	5.27	pH (SU)	pH (SU)		
temp @	14.09	temp @	temp @		
Cond (us/cm)	766	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	4.85	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	9.24	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	410.5	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-5R	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 9:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	11.74	☐ From inner casing	☒ From protective casing		
Bottom Depth	37.85	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.18	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☐ No		
Pumping Rate		Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	13.00	Well Volumes		3.11	
Time Purge Complete		Well evacuated?		☒ No	

SAMPLING DATA					
	☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer
	☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct
	☐ Other			☐ Stainless spoon	☐ Split spoon
Dedicated sampling equipment?		☐ Yes	☐ No		
Metals field filtered?		☐ Yes	☐ No		
Depth of sample (ft.)	~25'				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	5.72	pH (SU)	pH (SU)		
temp @	13.94	temp @	temp @		
Cond (us/cm)	769	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	8.92	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	10.35	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	265.4	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-5D	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 9:50 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	16.52	☒ From inner casing	☐ From protective casing		
Bottom Depth	74.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		37.65	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 gpm	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	120.0	Well Volumes		3.19	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~70				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	5.74	pH (SU)	pH (SU)		
temp @	13.88	temp @	temp @		
Cond (us/cm)	641	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.59	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	8.72	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	376.6	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-6	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 8:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.72	☒ From inner casing	☐ From protective casing		
Bottom Depth	23.65	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		1.75	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	6.00	Well Volumes		3.43	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.89	pH (SU)	pH (SU)		
temp @	12.13	temp @	temp @		
Cond (us/cm)	673	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	64.1	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	11.11	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	178.1	eH/ORP	eH/ORP		
Comments/Remarks	Turbid (orange), no odor, no sheen				
	6 VOAs total including 3 VOAs for QA/QC (MS/MSD)				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-6R	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 8:55 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	15.33	☒ From inner casing	☐ From protective casing		
Bottom Depth	43.3	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.48	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	7.0	Well Volumes		1.56	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
	☐ Submersible	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer
	☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct
	☐ Other			☐ Stainless spoon	☐ Split spoon
Dedicated sampling equipment?		☐ Yes		☒ No	
Metals field filtered?		☐ Yes		☒ No	
Depth of sample (ft.)	~35				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.52	pH (SU)	pH (SU)		
temp @	12.54	temp @	temp @		
Cond (us/cm)	767	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	71.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	7.64	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	242.2	eH/ORP	eH/ORP		
Comments/Remarks	Clear to slightly turbid (orange color), no odor, no sheen; minor Fe bacteria particles in sample				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-7R	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 10:55 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	14.21	☒ From inner casing	☐ From protective casing		
Bottom Depth	36.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.56	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	11.0	Well Volumes		3.09	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.08	pH (SU)	pH (SU)		
temp @	14.44	temp @	temp @		
Cond (us/cm)	852	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	8.74	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	10.35	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	222.4	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-7D	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 11:10 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	11.79	☒ From inner casing	☐ From protective casing		
Bottom Depth	68.00	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		36.54	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 gpm	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	120.0	Well Volumes		3.28	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☒ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~65				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	5.33	pH (SU)	pH (SU)		
temp @	13.23	temp @	temp @		
Cond (us/cm)	692	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.56	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	10.36	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	415.6	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-9/DUP-02	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 11:50 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	5.45	☒ From inner casing	☐ From protective casing		
Bottom Depth	20.50	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		2.41	
Well Condition	Poor				

MONITORING WELL PURGE DATA					
	☐ Submersible	☒ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?	☐ Yes		☒ No		
Pumping Rate	0.25 gpm	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	7.5	Well Volumes		3.11	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Peristaltic pump	☐ Hand corer	☒ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☒ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes ☒ No			
Metals field filtered?		☐ Yes ☒ No			
Depth of sample (ft.)	~19				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.01	pH (SU)	pH (SU)		
temp @	16.34	temp @	temp @		
Cond (us/cm)	788	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.63	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	8.94	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	501.16	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				
	Duplicate (DUP-02) collected at 11:55				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-9R	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 11:30 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	37.40	☒ From inner casing	☐ From protective casing		
Bottom Depth	43.80	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)			1.02
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	1.75	Well Volumes		1.71	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☒ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~43				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	5.69	pH (SU)	pH (SU)		
temp @	16.7	temp @	temp @		
Cond (us/cm)	299	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	7.05	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	11.39	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	339.9	eH/ORP	eH/ORP		
Comments/Remarks	Evacuated after 1.5 gallon purge				
	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-11R	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 8:55 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	23.27	☒ From inner casing	☐ From protective casing		
Bottom Depth	44.80	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.44	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	11.0	Well Volumes		3.19	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~35				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.50	pH (SU)	pH (SU)		
temp @	16.64	temp @	temp @		
Cond (us/cm)	1,041	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	6.64	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	12.84	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	173.4	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-11D	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 8:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	23.11	☐ From inner casing	☐ From protective casing		
Bottom Depth	75.40	☐ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		33.99	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	135.0	Well Volumes		3.97	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~70				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.76	pH (SU)	pH (SU)		
temp @	12.35	temp @	temp @		
Cond (us/cm)	572	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.66	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	11.52	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	160.7	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-12R	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 12:15 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	11.27	☒ From inner casing	☐ From protective casing		
Bottom Depth	33.00	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.48	
Well Condition	good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal.	Number of Bails			
Volume Purged (gal)	6.0	Well Volumes		1.73	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~32				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.87	pH (SU)	pH (SU)		
temp @	16.81	temp @	temp @		
Cond (us/cm)	419	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	91.5	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	7.47	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	449.5	eH/ORP	eH/ORP		
Comments/Remarks	Turbid (orange color Fe bacteria), no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-15R	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 1:15 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	18.69	☒ From inner casing	☐ From protective casing		
Bottom Depth	49.40	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.91	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?	☐ Yes	☒ No			
Pumping Rate	1 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	16.0	Well Volumes		3.26	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes ☒ No			
Metals field filtered?		☐ Yes ☒ No			
Depth of sample (ft.)	~47				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.69	pH (SU)	pH (SU)		
temp @	15.36	temp @	temp @		
Cond (us/cm)	789	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	3.81	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	12.58	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	595.6	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-15D	Project Location	Blauvelt - Xerox	Sample Date/Time	6/22/20 12:50 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☒ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	13.82	☒ From inner casing	☐ From protective casing		
Bottom Depth	82.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		10.95	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☒ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☒ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	2.0	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	40.0	Well Volumes		3.65	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~75				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.76	pH (SU)	pH (SU)		
temp @	16.22	temp @	temp @		
Cond (us/cm)	781	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.84	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	9.42	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	516.1	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

BLAUVELT-XEROX SITE
NYSDEC SITE NO. 3-044-021
BLAUVELT, ROCKLAND COUNTY, NEW YORK
QUARTERLY GROUNDWATER MONITORING PROGRAM
2nd QUARTER - JUNE 2020 SAMPLING EVENT

SUMMARY OF STATIC WATER LEVEL MEASUREMENTS

Monitoring Well ID	Static Water Level*	Comments
On-Site Groundwater Monitoring Wells		
W-2**	7.78	TOC (no inner casing)
MW-12	10.09	
MW-13	14.16	
PW-2**	11.75	TOC (no inner casing)
OW-1	12.81	
OW-2	11.26	
RI-6	12.03	
U-6D	7.65	
Off-Site Groundwater Monitoring Wells		
OS-2R	21.24	
OS-5R	11.74	
OS-5D	16.52	
OS-6	12.72	
OS-6R	15.33	
OS-7R	14.21	
OS-7D	11.79	
OS-9	5.45	Kinked at ~5.5.feet
OS-9R	37.40	
OS-11R	23.27	
OS-11D	23.11	
OS-12R	11.27	
OS-15R	18.69	
OS-15D	13.82	

Notes:

- * Static water levels were collected from the top of the inner casing (TIC) except where noted.
- ** Static water levels were collected from the top of the outer steel casing (TOC).



Miscellaneous Forms

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.	+	Correlation coefficient for MSA is <0.995.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).	N	Inorganics- Matrix spike recovery was outside laboratory limits.
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.	N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.	S	Concentration has been determined using Method of Standard Additions (MSA).
E	Organics- Concentration has exceeded the calibration range for that specific analysis.	W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.	P	Concentration >40% difference between the two GC columns.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.	C	Confirmed by GC/MS
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.	Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (100% Difference between two GC columns).
#	Spike was diluted out.	X	See Case Narrative for discussion.
		MRL	Method Reporting Limit. Also known as:
		LOQ	Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
		MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
		LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
		ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.



Rochester Lab ID # for State Certifications¹

Connecticut ID # PH0556	Maine ID #NY0032	Pennsylvania ID# 68-786
Delaware Approved	New Hampshire ID # 2941	Rhode Island ID # 158
DoD ELAP #65817	New York ID # 10145	Virginia #460167
Florida ID # E87674	North Carolina #676	

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to <https://www.alsglobal.com/locations/americas/north-america/usa/new-york/rochester-environmental>

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387

Sample Name: W-2 2020 Q2
Lab Code: R2005387-001
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: U-6D 2020 Q2
Lab Code: R2005387-002
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: MW-12 2020 Q2
Lab Code: R2005387-003
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: MW-12 2020 Q2
Lab Code: R2005387-003.R01
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387

Sample Name: MW-13 2020 Q2
Lab Code: R2005387-004
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: OW-1 2020 Q2
Lab Code: R2005387-005
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OW-2 2020 Q2
Lab Code: R2005387-006
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: PW-2 2020 Q2
Lab Code: R2005387-007
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387

Sample Name: PW-2 2020 Q2
Lab Code: R2005387-007.R01
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: RI-6 2020 Q2
Lab Code: R2005387-008
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: DUP-01 2020 Q2
Lab Code: R2005387-009
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: EB-01 2020 Q2
Lab Code: R2005387-010
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

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dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387

Sample Name: TRIP BLANK-01 2020 Q2
Lab Code: R2005387-011
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-2R 2020 Q2
Lab Code: R2005387-012
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-5R 2020 Q2
Lab Code: R2005387-013
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-5D 2020 Q2
Lab Code: R2005387-014
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-6 2020 Q2
Lab Code: R2005387-015
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

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Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387

Sample Name: OS-6R 2020 Q2
Lab Code: R2005387-016
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-7R 2020 Q2
Lab Code: R2005387-017
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-7D 2020 Q2
Lab Code: R2005387-018
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-9 2020 Q2
Lab Code: R2005387-019
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-9R 2020 Q2
Lab Code: R2005387-020
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.
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Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387

Sample Name: OS-11R 2020 Q2
Lab Code: R2005387-021
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-11D 20120 Q2
Lab Code: R2005387-022
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-12R 2020 Q2
Lab Code: R2005387-023
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-15R 2020 Q2
Lab Code: R2005387-024
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-15D 2020 Q2
Lab Code: R2005387-025
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

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dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387

Sample Name: DUP-02 2020 Q2
Lab Code: R2005387-026
Sample Matrix: Water

Date Collected: 06/22/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: TRIP BLANK-02 2020 Q2
Lab Code: R2005387-028
Sample Matrix: Water

Date Collected: 06/23/20
Date Received: 06/24/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST



INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	



Sample Results

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Volatile Organic Compounds by GC/MS

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 08:00
Date Received: 06/24/20 09:40

Sample Name: W-2 2020 Q2
Lab Code: R2005387-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 13:49	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 13:49	
Bromoform	5.0 U	5.0	1	06/25/20 13:49	
Bromomethane	5.0 U	5.0	1	06/25/20 13:49	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 13:49	
Chlorobenzene	5.0 U	5.0	1	06/25/20 13:49	
Chloroethane	5.0 U	5.0	1	06/25/20 13:49	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 13:49	
Chloroform	5.0 U	5.0	1	06/25/20 13:49	
Chloromethane	5.0 U	5.0	1	06/25/20 13:49	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 13:49	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 13:49	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 13:49	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 13:49	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 13:49	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 13:49	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 13:49	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 13:49	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 13:49	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 13:49	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 13:49	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 13:49	
Ethylbenzene	5.0 U	5.0	1	06/25/20 13:49	
Methylene Chloride	5.0 U	5.0	1	06/25/20 13:49	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 13:49	
Toluene	5.0 U	5.0	1	06/25/20 13:49	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 13:49	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 13:49	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 13:49	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 13:49	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 13:49	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 13:49	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 13:49	
o-Xylene	5.0 U	5.0	1	06/25/20 13:49	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/25/20 13:49	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 08:00
Date Received: 06/24/20 09:40

Sample Name: W-2 2020 Q2
Lab Code: R2005387-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	06/25/20 13:49	
Dibromofluoromethane	114	89 - 119	06/25/20 13:49	
Toluene-d8	115	87 - 121	06/25/20 13:49	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 14:05
Date Received: 06/24/20 09:40

Sample Name: U-6D 2020 Q2
Lab Code: R2005387-002

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 14:11	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 14:11	
Bromoform	5.0 U	5.0	1	06/25/20 14:11	
Bromomethane	5.0 U	5.0	1	06/25/20 14:11	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 14:11	
Chlorobenzene	5.0 U	5.0	1	06/25/20 14:11	
Chloroethane	5.0 U	5.0	1	06/25/20 14:11	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 14:11	
Chloroform	5.0 U	5.0	1	06/25/20 14:11	
Chloromethane	5.0 U	5.0	1	06/25/20 14:11	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 14:11	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 14:11	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 14:11	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 14:11	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 14:11	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 14:11	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 14:11	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 14:11	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 14:11	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 14:11	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 14:11	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 14:11	
Ethylbenzene	5.0 U	5.0	1	06/25/20 14:11	
Methylene Chloride	5.0 U	5.0	1	06/25/20 14:11	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 14:11	
Toluene	5.0 U	5.0	1	06/25/20 14:11	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 14:11	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 14:11	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 14:11	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 14:11	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 14:11	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 14:11	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 14:11	
o-Xylene	5.0 U	5.0	1	06/25/20 14:11	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/25/20 14:11	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 14:05
Date Received: 06/24/20 09:40

Sample Name: U-6D 2020 Q2
Lab Code: R2005387-002

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/25/20 14:11	
Dibromofluoromethane	112	89 - 119	06/25/20 14:11	
Toluene-d8	113	87 - 121	06/25/20 14:11	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 08:30
Date Received: 06/24/20 09:40

Sample Name: MW-12 2020 Q2
Lab Code: R2005387-003

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	130 U	130	25	06/25/20 15:38	
Bromodichloromethane	130 U	130	25	06/25/20 15:38	
Bromoform	130 U	130	25	06/25/20 15:38	
Bromomethane	130 U	130	25	06/25/20 15:38	
Carbon Tetrachloride	130 U	130	25	06/25/20 15:38	
Chlorobenzene	130 U	130	25	06/25/20 15:38	
Chloroethane	130 U	130	25	06/25/20 15:38	
2-Chloroethyl Vinyl Ether	130 U	130	25	06/25/20 15:38	
Chloroform	130 U	130	25	06/25/20 15:38	
Chloromethane	130 U	130	25	06/25/20 15:38	
Dibromochloromethane	130 U	130	25	06/25/20 15:38	
1,2-Dichlorobenzene	130 U	130	25	06/25/20 15:38	
1,3-Dichlorobenzene	130 U	130	25	06/25/20 15:38	
1,4-Dichlorobenzene	130 U	130	25	06/25/20 15:38	
1,1-Dichloroethane (1,1-DCA)	130 U	130	25	06/25/20 15:38	
1,2-Dichloroethane	130 U	130	25	06/25/20 15:38	
1,1-Dichloroethene (1,1-DCE)	130 U	130	25	06/25/20 15:38	
trans-1,2-Dichloroethene	130 U	130	25	06/25/20 15:38	
cis-1,2-Dichloroethene	11000 D	500	100	06/26/20 06:12	
1,2-Dichloropropane	130 U	130	25	06/25/20 15:38	
cis-1,3-Dichloropropene	130 U	130	25	06/25/20 15:38	
trans-1,3-Dichloropropene	130 U	130	25	06/25/20 15:38	
Ethylbenzene	130 U	130	25	06/25/20 15:38	
Methylene Chloride	130 U	130	25	06/25/20 15:38	
1,1,2,2-Tetrachloroethane	130 U	130	25	06/25/20 15:38	
Toluene	130 U	130	25	06/25/20 15:38	
1,1,1-Trichloroethane (TCA)	130 U	130	25	06/25/20 15:38	
1,1,2-Trichloroethane	130 U	130	25	06/25/20 15:38	
Tetrachloroethene (PCE)	130 U	130	25	06/25/20 15:38	
Trichloroethene (TCE)	130 U	130	25	06/25/20 15:38	
Trichlorofluoromethane (CFC 11)	130 U	130	25	06/25/20 15:38	
Vinyl Chloride	350	130	25	06/25/20 15:38	
m,p-Xylenes	130 U	130	25	06/25/20 15:38	
o-Xylene	130 U	130	25	06/25/20 15:38	
Total Target Volatiles (TTV)	11350.0	125.0	25	06/25/20 15:38	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 08:30
Date Received: 06/24/20 09:40

Sample Name: MW-12 2020 Q2
Lab Code: R2005387-003

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	103	85 - 122	06/25/20 15:38	
Dibromofluoromethane	112	89 - 119	06/25/20 15:38	
Toluene-d8	114	87 - 121	06/25/20 15:38	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 08:45
Date Received: 06/24/20 09:40

Sample Name: MW-13 2020 Q2
Lab Code: R2005387-004

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 14:33	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 14:33	
Bromoform	5.0 U	5.0	1	06/25/20 14:33	
Bromomethane	5.0 U	5.0	1	06/25/20 14:33	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 14:33	
Chlorobenzene	5.0 U	5.0	1	06/25/20 14:33	
Chloroethane	5.0 U	5.0	1	06/25/20 14:33	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 14:33	
Chloroform	5.0 U	5.0	1	06/25/20 14:33	
Chloromethane	5.0 U	5.0	1	06/25/20 14:33	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 14:33	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 14:33	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 14:33	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 14:33	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 14:33	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 14:33	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 14:33	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 14:33	
cis-1,2-Dichloroethene	18	5.0	1	06/25/20 14:33	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 14:33	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 14:33	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 14:33	
Ethylbenzene	5.0 U	5.0	1	06/25/20 14:33	
Methylene Chloride	5.0 U	5.0	1	06/25/20 14:33	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 14:33	
Toluene	5.0 U	5.0	1	06/25/20 14:33	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 14:33	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 14:33	
Tetrachloroethene (PCE)	6.8	5.0	1	06/25/20 14:33	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 14:33	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 14:33	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 14:33	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 14:33	
o-Xylene	5.0 U	5.0	1	06/25/20 14:33	
Total Target Volatiles (TTV)	24.8	5.0	1	06/25/20 14:33	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 08:45
Date Received: 06/24/20 09:40

Sample Name: MW-13 2020 Q2
Lab Code: R2005387-004

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	06/25/20 14:33	
Dibromofluoromethane	109	89 - 119	06/25/20 14:33	
Toluene-d8	113	87 - 121	06/25/20 14:33	

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dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 09:45
Date Received: 06/24/20 09:40

Sample Name: OW-1 2020 Q2
Lab Code: R2005387-005

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 14:55	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 14:55	
Bromoform	5.0 U	5.0	1	06/25/20 14:55	
Bromomethane	5.0 U	5.0	1	06/25/20 14:55	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 14:55	
Chlorobenzene	5.0 U	5.0	1	06/25/20 14:55	
Chloroethane	5.0 U	5.0	1	06/25/20 14:55	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 14:55	
Chloroform	5.0 U	5.0	1	06/25/20 14:55	
Chloromethane	5.0 U	5.0	1	06/25/20 14:55	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 14:55	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 14:55	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 14:55	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 14:55	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 14:55	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 14:55	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 14:55	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 14:55	
cis-1,2-Dichloroethene	32	5.0	1	06/25/20 14:55	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 14:55	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 14:55	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 14:55	
Ethylbenzene	5.0 U	5.0	1	06/25/20 14:55	
Methylene Chloride	5.0 U	5.0	1	06/25/20 14:55	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 14:55	
Toluene	5.0 U	5.0	1	06/25/20 14:55	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 14:55	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 14:55	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 14:55	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 14:55	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 14:55	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 14:55	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 14:55	
o-Xylene	5.0 U	5.0	1	06/25/20 14:55	
Total Target Volatiles (TTV)	32.0	5.0	1	06/25/20 14:55	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 09:45
Date Received: 06/24/20 09:40

Sample Name: OW-1 2020 Q2
Lab Code: R2005387-005

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	06/25/20 14:55	
Dibromofluoromethane	103	89 - 119	06/25/20 14:55	
Toluene-d8	109	87 - 121	06/25/20 14:55	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 10:05
Date Received: 06/24/20 09:40

Sample Name: OW-2 2020 Q2
Lab Code: R2005387-006

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 16:44	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 16:44	
Bromoform	5.0 U	5.0	1	06/25/20 16:44	
Bromomethane	5.0 U	5.0	1	06/25/20 16:44	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 16:44	
Chlorobenzene	5.0 U	5.0	1	06/25/20 16:44	
Chloroethane	5.0 U	5.0	1	06/25/20 16:44	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 16:44	
Chloroform	5.0 U	5.0	1	06/25/20 16:44	
Chloromethane	5.0 U	5.0	1	06/25/20 16:44	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 16:44	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 16:44	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 16:44	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 16:44	
1,1-Dichloroethane (1,1-DCA)	5.7	5.0	1	06/25/20 16:44	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 16:44	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 16:44	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 16:44	
cis-1,2-Dichloroethene	93	5.0	1	06/25/20 16:44	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 16:44	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 16:44	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 16:44	
Ethylbenzene	5.0 U	5.0	1	06/25/20 16:44	
Methylene Chloride	5.0 U	5.0	1	06/25/20 16:44	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 16:44	
Toluene	5.0 U	5.0	1	06/25/20 16:44	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 16:44	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 16:44	
Tetrachloroethene (PCE)	5.4	5.0	1	06/25/20 16:44	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 16:44	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 16:44	
Vinyl Chloride	5.5	5.0	1	06/25/20 16:44	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 16:44	
o-Xylene	5.0 U	5.0	1	06/25/20 16:44	
Total Target Volatiles (TTV)	109.6	5.0	1	06/25/20 16:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 10:05
Date Received: 06/24/20 09:40

Sample Name: OW-2 2020 Q2
Lab Code: R2005387-006

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	06/25/20 16:44	
Dibromofluoromethane	109	89 - 119	06/25/20 16:44	
Toluene-d8	110	87 - 121	06/25/20 16:44	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 09:10
Date Received: 06/24/20 09:40

Sample Name: PW-2 2020 Q2
Lab Code: R2005387-007

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	130 U	130	25	06/25/20 16:00	
Bromodichloromethane	130 U	130	25	06/25/20 16:00	
Bromoform	130 U	130	25	06/25/20 16:00	
Bromomethane	130 U	130	25	06/25/20 16:00	
Carbon Tetrachloride	130 U	130	25	06/25/20 16:00	
Chlorobenzene	130 U	130	25	06/25/20 16:00	
Chloroethane	130 U	130	25	06/25/20 16:00	
2-Chloroethyl Vinyl Ether	130 U	130	25	06/25/20 16:00	
Chloroform	130 U	130	25	06/25/20 16:00	
Chloromethane	130 U	130	25	06/25/20 16:00	
Dibromochloromethane	130 U	130	25	06/25/20 16:00	
1,2-Dichlorobenzene	130 U	130	25	06/25/20 16:00	
1,3-Dichlorobenzene	130 U	130	25	06/25/20 16:00	
1,4-Dichlorobenzene	130 U	130	25	06/25/20 16:00	
1,1-Dichloroethane (1,1-DCA)	130 U	130	25	06/25/20 16:00	
1,2-Dichloroethane	130 U	130	25	06/25/20 16:00	
1,1-Dichloroethene (1,1-DCE)	130 U	130	25	06/25/20 16:00	
trans-1,2-Dichloroethene	130 U	130	25	06/25/20 16:00	
cis-1,2-Dichloroethene	4300 D	250	50	06/26/20 06:34	
1,2-Dichloropropane	130 U	130	25	06/25/20 16:00	
cis-1,3-Dichloropropene	130 U	130	25	06/25/20 16:00	
trans-1,3-Dichloropropene	130 U	130	25	06/25/20 16:00	
Ethylbenzene	130 U	130	25	06/25/20 16:00	
Methylene Chloride	130 U	130	25	06/25/20 16:00	
1,1,2,2-Tetrachloroethane	130 U	130	25	06/25/20 16:00	
Toluene	130 U	130	25	06/25/20 16:00	
1,1,1-Trichloroethane (TCA)	130 U	130	25	06/25/20 16:00	
1,1,2-Trichloroethane	130 U	130	25	06/25/20 16:00	
Tetrachloroethene (PCE)	130 U	130	25	06/25/20 16:00	
Trichloroethene (TCE)	130 U	130	25	06/25/20 16:00	
Trichlorofluoromethane (CFC 11)	130 U	130	25	06/25/20 16:00	
Vinyl Chloride	200	130	25	06/25/20 16:00	
m,p-Xylenes	130 U	130	25	06/25/20 16:00	
o-Xylene	130 U	130	25	06/25/20 16:00	
Total Target Volatiles (TTV)	4500.0	125.0	25	06/25/20 16:00	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 09:10
Date Received: 06/24/20 09:40

Sample Name: PW-2 2020 Q2
Lab Code: R2005387-007

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/25/20 16:00	
Dibromofluoromethane	115	89 - 119	06/25/20 16:00	
Toluene-d8	116	87 - 121	06/25/20 16:00	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 13:45
Date Received: 06/24/20 09:40

Sample Name: RI-6 2020 Q2
Lab Code: R2005387-008

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 17:06	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 17:06	
Bromoform	5.0 U	5.0	1	06/25/20 17:06	
Bromomethane	5.0 U	5.0	1	06/25/20 17:06	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 17:06	
Chlorobenzene	5.0 U	5.0	1	06/25/20 17:06	
Chloroethane	5.0 U	5.0	1	06/25/20 17:06	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 17:06	
Chloroform	5.0 U	5.0	1	06/25/20 17:06	
Chloromethane	5.0 U	5.0	1	06/25/20 17:06	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 17:06	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 17:06	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 17:06	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 17:06	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 17:06	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 17:06	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 17:06	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 17:06	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 17:06	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 17:06	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 17:06	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 17:06	
Ethylbenzene	5.0 U	5.0	1	06/25/20 17:06	
Methylene Chloride	5.0 U	5.0	1	06/25/20 17:06	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 17:06	
Toluene	5.0 U	5.0	1	06/25/20 17:06	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 17:06	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 17:06	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 17:06	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 17:06	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 17:06	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 17:06	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 17:06	
o-Xylene	5.0 U	5.0	1	06/25/20 17:06	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/25/20 17:06	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 13:45
Date Received: 06/24/20 09:40

Sample Name: RI-6 2020 Q2
Lab Code: R2005387-008

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	06/25/20 17:06	
Dibromofluoromethane	108	89 - 119	06/25/20 17:06	
Toluene-d8	110	87 - 121	06/25/20 17:06	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 09:15
Date Received: 06/24/20 09:40

Sample Name: DUP-01 2020 Q2
Lab Code: R2005387-009

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	130 U	130	25	06/25/20 16:22	
Bromodichloromethane	130 U	130	25	06/25/20 16:22	
Bromoform	130 U	130	25	06/25/20 16:22	
Bromomethane	130 U	130	25	06/25/20 16:22	
Carbon Tetrachloride	130 U	130	25	06/25/20 16:22	
Chlorobenzene	130 U	130	25	06/25/20 16:22	
Chloroethane	130 U	130	25	06/25/20 16:22	
2-Chloroethyl Vinyl Ether	130 U	130	25	06/25/20 16:22	
Chloroform	130 U	130	25	06/25/20 16:22	
Chloromethane	130 U	130	25	06/25/20 16:22	
Dibromochloromethane	130 U	130	25	06/25/20 16:22	
1,2-Dichlorobenzene	130 U	130	25	06/25/20 16:22	
1,3-Dichlorobenzene	130 U	130	25	06/25/20 16:22	
1,4-Dichlorobenzene	130 U	130	25	06/25/20 16:22	
1,1-Dichloroethane (1,1-DCA)	130 U	130	25	06/25/20 16:22	
1,2-Dichloroethane	130 U	130	25	06/25/20 16:22	
1,1-Dichloroethene (1,1-DCE)	130 U	130	25	06/25/20 16:22	
trans-1,2-Dichloroethene	130 U	130	25	06/25/20 16:22	
cis-1,2-Dichloroethene	4300	130	25	06/25/20 16:22	
1,2-Dichloropropane	130 U	130	25	06/25/20 16:22	
cis-1,3-Dichloropropene	130 U	130	25	06/25/20 16:22	
trans-1,3-Dichloropropene	130 U	130	25	06/25/20 16:22	
Ethylbenzene	130 U	130	25	06/25/20 16:22	
Methylene Chloride	130 U	130	25	06/25/20 16:22	
1,1,2,2-Tetrachloroethane	130 U	130	25	06/25/20 16:22	
Toluene	130 U	130	25	06/25/20 16:22	
1,1,1-Trichloroethane (TCA)	130 U	130	25	06/25/20 16:22	
1,1,2-Trichloroethane	130 U	130	25	06/25/20 16:22	
Tetrachloroethene (PCE)	130 U	130	25	06/25/20 16:22	
Trichloroethene (TCE)	130 U	130	25	06/25/20 16:22	
Trichlorofluoromethane (CFC 11)	130 U	130	25	06/25/20 16:22	
Vinyl Chloride	170	130	25	06/25/20 16:22	
m,p-Xylenes	130 U	130	25	06/25/20 16:22	
o-Xylene	130 U	130	25	06/25/20 16:22	
Total Target Volatiles (TTV)	4470.0	125.0	25	06/25/20 16:22	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 09:15
Date Received: 06/24/20 09:40

Sample Name: DUP-01 2020 Q2
Lab Code: R2005387-009

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/25/20 16:22	
Dibromofluoromethane	112	89 - 119	06/25/20 16:22	
Toluene-d8	114	87 - 121	06/25/20 16:22	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 07:25
Date Received: 06/24/20 09:40

Sample Name: EB-01 2020 Q2
Lab Code: R2005387-010

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 13:27	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 13:27	
Bromoform	5.0 U	5.0	1	06/25/20 13:27	
Bromomethane	5.0 U	5.0	1	06/25/20 13:27	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 13:27	
Chlorobenzene	5.0 U	5.0	1	06/25/20 13:27	
Chloroethane	5.0 U	5.0	1	06/25/20 13:27	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 13:27	
Chloroform	5.0 U	5.0	1	06/25/20 13:27	
Chloromethane	5.0 U	5.0	1	06/25/20 13:27	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 13:27	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 13:27	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 13:27	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 13:27	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 13:27	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 13:27	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 13:27	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 13:27	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 13:27	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 13:27	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 13:27	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 13:27	
Ethylbenzene	5.0 U	5.0	1	06/25/20 13:27	
Methylene Chloride	5.0 U	5.0	1	06/25/20 13:27	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 13:27	
Toluene	5.0 U	5.0	1	06/25/20 13:27	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 13:27	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 13:27	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 13:27	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 13:27	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 13:27	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 13:27	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 13:27	
o-Xylene	5.0 U	5.0	1	06/25/20 13:27	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/25/20 13:27	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 07:25
Date Received: 06/24/20 09:40

Sample Name: EB-01 2020 Q2
Lab Code: R2005387-010

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	06/25/20 13:27	
Dibromofluoromethane	109	89 - 119	06/25/20 13:27	
Toluene-d8	112	87 - 121	06/25/20 13:27	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20
Date Received: 06/24/20 09:40

Sample Name: TRIP BLANK-01 2020 Q2
Lab Code: R2005387-011

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 13:05	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 13:05	
Bromoform	5.0 U	5.0	1	06/25/20 13:05	
Bromomethane	5.0 U	5.0	1	06/25/20 13:05	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 13:05	
Chlorobenzene	5.0 U	5.0	1	06/25/20 13:05	
Chloroethane	5.0 U	5.0	1	06/25/20 13:05	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 13:05	
Chloroform	5.0 U	5.0	1	06/25/20 13:05	
Chloromethane	5.0 U	5.0	1	06/25/20 13:05	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 13:05	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 13:05	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 13:05	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 13:05	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 13:05	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 13:05	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 13:05	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 13:05	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 13:05	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 13:05	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 13:05	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 13:05	
Ethylbenzene	5.0 U	5.0	1	06/25/20 13:05	
Methylene Chloride	5.0 U	5.0	1	06/25/20 13:05	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 13:05	
Toluene	5.0 U	5.0	1	06/25/20 13:05	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 13:05	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 13:05	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 13:05	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 13:05	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 13:05	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 13:05	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 13:05	
o-Xylene	5.0 U	5.0	1	06/25/20 13:05	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/25/20 13:05	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20
Date Received: 06/24/20 09:40

Sample Name: TRIP BLANK-01 2020 Q2
Lab Code: R2005387-011

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/25/20 13:05	
Dibromofluoromethane	112	89 - 119	06/25/20 13:05	
Toluene-d8	113	87 - 121	06/25/20 13:05	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 10:15
Date Received: 06/24/20 09:40

Sample Name: OS-2R 2020 Q2
Lab Code: R2005387-012

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 17:28	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 17:28	
Bromoform	5.0 U	5.0	1	06/25/20 17:28	
Bromomethane	5.0 U	5.0	1	06/25/20 17:28	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 17:28	
Chlorobenzene	5.0 U	5.0	1	06/25/20 17:28	
Chloroethane	5.0 U	5.0	1	06/25/20 17:28	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 17:28	
Chloroform	5.0 U	5.0	1	06/25/20 17:28	
Chloromethane	5.0 U	5.0	1	06/25/20 17:28	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 17:28	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 17:28	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 17:28	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 17:28	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 17:28	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 17:28	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 17:28	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 17:28	
cis-1,2-Dichloroethene	160	5.0	1	06/25/20 17:28	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 17:28	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 17:28	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 17:28	
Ethylbenzene	5.0 U	5.0	1	06/25/20 17:28	
Methylene Chloride	5.0 U	5.0	1	06/25/20 17:28	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 17:28	
Toluene	5.0 U	5.0	1	06/25/20 17:28	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 17:28	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 17:28	
Tetrachloroethene (PCE)	6.9	5.0	1	06/25/20 17:28	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 17:28	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 17:28	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 17:28	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 17:28	
o-Xylene	5.0 U	5.0	1	06/25/20 17:28	
Total Target Volatiles (TTV)	166.9	5.0	1	06/25/20 17:28	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 10:15
Date Received: 06/24/20 09:40

Sample Name: OS-2R 2020 Q2
Lab Code: R2005387-012

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	06/25/20 17:28	
Dibromofluoromethane	107	89 - 119	06/25/20 17:28	
Toluene-d8	108	87 - 121	06/25/20 17:28	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 09:45
Date Received: 06/24/20 09:40

Sample Name: OS-5R 2020 Q2
Lab Code: R2005387-013

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 17:50	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 17:50	
Bromoform	5.0 U	5.0	1	06/25/20 17:50	
Bromomethane	5.0 U	5.0	1	06/25/20 17:50	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 17:50	
Chlorobenzene	5.0 U	5.0	1	06/25/20 17:50	
Chloroethane	5.0 U	5.0	1	06/25/20 17:50	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 17:50	
Chloroform	5.0 U	5.0	1	06/25/20 17:50	
Chloromethane	5.0 U	5.0	1	06/25/20 17:50	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 17:50	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 17:50	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 17:50	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 17:50	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 17:50	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 17:50	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 17:50	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 17:50	
cis-1,2-Dichloroethene	66	5.0	1	06/25/20 17:50	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 17:50	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 17:50	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 17:50	
Ethylbenzene	5.0 U	5.0	1	06/25/20 17:50	
Methylene Chloride	5.0 U	5.0	1	06/25/20 17:50	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 17:50	
Toluene	5.0 U	5.0	1	06/25/20 17:50	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 17:50	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 17:50	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 17:50	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 17:50	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 17:50	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 17:50	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 17:50	
o-Xylene	5.0 U	5.0	1	06/25/20 17:50	
Total Target Volatiles (TTV)	66.0	5.0	1	06/25/20 17:50	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 09:45
Date Received: 06/24/20 09:40

Sample Name: OS-5R 2020 Q2
Lab Code: R2005387-013

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	06/25/20 17:50	
Dibromofluoromethane	108	89 - 119	06/25/20 17:50	
Toluene-d8	110	87 - 121	06/25/20 17:50	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 09:50
Date Received: 06/24/20 09:40

Sample Name: OS-5D 2020 Q2
Lab Code: R2005387-014

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 18:11	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 18:11	
Bromoform	5.0 U	5.0	1	06/25/20 18:11	
Bromomethane	5.0 U	5.0	1	06/25/20 18:11	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 18:11	
Chlorobenzene	5.0 U	5.0	1	06/25/20 18:11	
Chloroethane	5.0 U	5.0	1	06/25/20 18:11	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 18:11	
Chloroform	5.0 U	5.0	1	06/25/20 18:11	
Chloromethane	5.0 U	5.0	1	06/25/20 18:11	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 18:11	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 18:11	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 18:11	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 18:11	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 18:11	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 18:11	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 18:11	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 18:11	
cis-1,2-Dichloroethene	19	5.0	1	06/25/20 18:11	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 18:11	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 18:11	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 18:11	
Ethylbenzene	5.0 U	5.0	1	06/25/20 18:11	
Methylene Chloride	5.0 U	5.0	1	06/25/20 18:11	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 18:11	
Toluene	5.0 U	5.0	1	06/25/20 18:11	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 18:11	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 18:11	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 18:11	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 18:11	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 18:11	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 18:11	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 18:11	
o-Xylene	5.0 U	5.0	1	06/25/20 18:11	
Total Target Volatiles (TTV)	19.0	5.0	1	06/25/20 18:11	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 09:50
Date Received: 06/24/20 09:40

Sample Name: OS-5D 2020 Q2
Lab Code: R2005387-014

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	06/25/20 18:11	
Dibromofluoromethane	106	89 - 119	06/25/20 18:11	
Toluene-d8	110	87 - 121	06/25/20 18:11	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 08:45
Date Received: 06/24/20 09:40

Sample Name: OS-6 2020 Q2
Lab Code: R2005387-015

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 15:16	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 15:16	
Bromoform	5.0 U	5.0	1	06/25/20 15:16	
Bromomethane	5.0 U	5.0	1	06/25/20 15:16	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 15:16	
Chlorobenzene	5.0 U	5.0	1	06/25/20 15:16	
Chloroethane	5.0 U	5.0	1	06/25/20 15:16	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 15:16	
Chloroform	5.0 U	5.0	1	06/25/20 15:16	
Chloromethane	5.0 U	5.0	1	06/25/20 15:16	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 15:16	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 15:16	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 15:16	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 15:16	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 15:16	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 15:16	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 15:16	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 15:16	
cis-1,2-Dichloroethene	32	5.0	1	06/25/20 15:16	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 15:16	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 15:16	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 15:16	
Ethylbenzene	5.0 U	5.0	1	06/25/20 15:16	
Methylene Chloride	5.0 U	5.0	1	06/25/20 15:16	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 15:16	
Toluene	5.0 U	5.0	1	06/25/20 15:16	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 15:16	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 15:16	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 15:16	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 15:16	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 15:16	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 15:16	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 15:16	
o-Xylene	5.0 U	5.0	1	06/25/20 15:16	
Total Target Volatiles (TTV)	32.0	5.0	1	06/25/20 15:16	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 08:45
Date Received: 06/24/20 09:40

Sample Name: OS-6 2020 Q2
Lab Code: R2005387-015

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	06/25/20 15:16	
Dibromofluoromethane	109	89 - 119	06/25/20 15:16	
Toluene-d8	111	87 - 121	06/25/20 15:16	

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dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 08:55
Date Received: 06/24/20 09:40

Sample Name: OS-6R 2020 Q2
Lab Code: R2005387-016

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 18:33	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 18:33	
Bromoform	5.0 U	5.0	1	06/25/20 18:33	
Bromomethane	5.0 U	5.0	1	06/25/20 18:33	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 18:33	
Chlorobenzene	5.0 U	5.0	1	06/25/20 18:33	
Chloroethane	5.0 U	5.0	1	06/25/20 18:33	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 18:33	
Chloroform	5.0 U	5.0	1	06/25/20 18:33	
Chloromethane	5.0 U	5.0	1	06/25/20 18:33	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 18:33	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 18:33	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 18:33	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 18:33	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 18:33	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 18:33	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 18:33	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 18:33	
cis-1,2-Dichloroethene	52	5.0	1	06/25/20 18:33	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 18:33	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 18:33	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 18:33	
Ethylbenzene	5.0 U	5.0	1	06/25/20 18:33	
Methylene Chloride	5.0 U	5.0	1	06/25/20 18:33	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 18:33	
Toluene	5.0 U	5.0	1	06/25/20 18:33	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 18:33	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 18:33	
Tetrachloroethene (PCE)	16	5.0	1	06/25/20 18:33	
Trichloroethene (TCE)	9.9	5.0	1	06/25/20 18:33	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 18:33	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 18:33	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 18:33	
o-Xylene	5.0 U	5.0	1	06/25/20 18:33	
Total Target Volatiles (TTV)	77.9	5.0	1	06/25/20 18:33	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 08:55
Date Received: 06/24/20 09:40

Sample Name: OS-6R 2020 Q2
Lab Code: R2005387-016

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/25/20 18:33	
Dibromofluoromethane	113	89 - 119	06/25/20 18:33	
Toluene-d8	116	87 - 121	06/25/20 18:33	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 10:55
Date Received: 06/24/20 09:40

Sample Name: OS-7R 2020 Q2
Lab Code: R2005387-017

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 18:55	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 18:55	
Bromoform	5.0 U	5.0	1	06/25/20 18:55	
Bromomethane	5.0 U	5.0	1	06/25/20 18:55	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 18:55	
Chlorobenzene	5.0 U	5.0	1	06/25/20 18:55	
Chloroethane	5.0 U	5.0	1	06/25/20 18:55	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 18:55	
Chloroform	5.0 U	5.0	1	06/25/20 18:55	
Chloromethane	5.0 U	5.0	1	06/25/20 18:55	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 18:55	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 18:55	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 18:55	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 18:55	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 18:55	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 18:55	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 18:55	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 18:55	
cis-1,2-Dichloroethene	10	5.0	1	06/25/20 18:55	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 18:55	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 18:55	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 18:55	
Ethylbenzene	5.0 U	5.0	1	06/25/20 18:55	
Methylene Chloride	5.0 U	5.0	1	06/25/20 18:55	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 18:55	
Toluene	5.0 U	5.0	1	06/25/20 18:55	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 18:55	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 18:55	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 18:55	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 18:55	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 18:55	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 18:55	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 18:55	
o-Xylene	5.0 U	5.0	1	06/25/20 18:55	
Total Target Volatiles (TTV)	10.0	5.0	1	06/25/20 18:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 10:55
Date Received: 06/24/20 09:40

Sample Name: OS-7R 2020 Q2
Lab Code: R2005387-017

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/25/20 18:55	
Dibromofluoromethane	113	89 - 119	06/25/20 18:55	
Toluene-d8	114	87 - 121	06/25/20 18:55	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 11:10
Date Received: 06/24/20 09:40

Sample Name: OS-7D 2020 Q2
Lab Code: R2005387-018

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 19:17	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 19:17	
Bromoform	5.0 U	5.0	1	06/25/20 19:17	
Bromomethane	5.0 U	5.0	1	06/25/20 19:17	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 19:17	
Chlorobenzene	5.0 U	5.0	1	06/25/20 19:17	
Chloroethane	5.0 U	5.0	1	06/25/20 19:17	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 19:17	
Chloroform	5.0 U	5.0	1	06/25/20 19:17	
Chloromethane	5.0 U	5.0	1	06/25/20 19:17	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 19:17	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 19:17	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 19:17	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 19:17	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 19:17	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 19:17	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 19:17	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 19:17	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 19:17	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 19:17	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 19:17	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 19:17	
Ethylbenzene	5.0 U	5.0	1	06/25/20 19:17	
Methylene Chloride	5.0 U	5.0	1	06/25/20 19:17	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 19:17	
Toluene	5.0 U	5.0	1	06/25/20 19:17	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 19:17	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 19:17	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 19:17	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 19:17	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 19:17	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 19:17	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 19:17	
o-Xylene	5.0 U	5.0	1	06/25/20 19:17	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/25/20 19:17	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 11:10
Date Received: 06/24/20 09:40

Sample Name: OS-7D 2020 Q2
Lab Code: R2005387-018

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	06/25/20 19:17	
Dibromofluoromethane	109	89 - 119	06/25/20 19:17	
Toluene-d8	108	87 - 121	06/25/20 19:17	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 11:50
Date Received: 06/24/20 09:40

Sample Name: OS-9 2020 Q2
Lab Code: R2005387-019

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 19:39	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 19:39	
Bromoform	5.0 U	5.0	1	06/25/20 19:39	
Bromomethane	5.0 U	5.0	1	06/25/20 19:39	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 19:39	
Chlorobenzene	5.0 U	5.0	1	06/25/20 19:39	
Chloroethane	5.0 U	5.0	1	06/25/20 19:39	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 19:39	
Chloroform	5.0 U	5.0	1	06/25/20 19:39	
Chloromethane	5.0 U	5.0	1	06/25/20 19:39	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 19:39	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 19:39	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 19:39	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 19:39	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 19:39	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 19:39	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 19:39	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 19:39	
cis-1,2-Dichloroethene	8.1	5.0	1	06/25/20 19:39	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 19:39	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 19:39	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 19:39	
Ethylbenzene	5.0 U	5.0	1	06/25/20 19:39	
Methylene Chloride	5.0 U	5.0	1	06/25/20 19:39	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 19:39	
Toluene	5.0 U	5.0	1	06/25/20 19:39	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 19:39	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 19:39	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 19:39	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 19:39	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 19:39	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 19:39	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 19:39	
o-Xylene	5.0 U	5.0	1	06/25/20 19:39	
Total Target Volatiles (TTV)	8.1	5.0	1	06/25/20 19:39	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 11:50
Date Received: 06/24/20 09:40

Sample Name: OS-9 2020 Q2
Lab Code: R2005387-019

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/25/20 19:39	
Dibromofluoromethane	114	89 - 119	06/25/20 19:39	
Toluene-d8	117	87 - 121	06/25/20 19:39	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 11:30
Date Received: 06/24/20 09:40

Sample Name: OS-9R 2020 Q2
Lab Code: R2005387-020

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 20:00	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 20:00	
Bromoform	5.0 U	5.0	1	06/25/20 20:00	
Bromomethane	5.0 U	5.0	1	06/25/20 20:00	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 20:00	
Chlorobenzene	5.0 U	5.0	1	06/25/20 20:00	
Chloroethane	5.0 U	5.0	1	06/25/20 20:00	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 20:00	
Chloroform	5.0 U	5.0	1	06/25/20 20:00	
Chloromethane	5.0 U	5.0	1	06/25/20 20:00	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 20:00	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 20:00	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 20:00	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 20:00	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 20:00	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 20:00	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 20:00	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 20:00	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 20:00	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 20:00	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 20:00	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 20:00	
Ethylbenzene	5.0 U	5.0	1	06/25/20 20:00	
Methylene Chloride	5.0 U	5.0	1	06/25/20 20:00	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 20:00	
Toluene	5.0 U	5.0	1	06/25/20 20:00	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 20:00	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 20:00	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 20:00	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 20:00	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 20:00	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 20:00	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 20:00	
o-Xylene	5.0 U	5.0	1	06/25/20 20:00	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/25/20 20:00	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 11:30
Date Received: 06/24/20 09:40

Sample Name: OS-9R 2020 Q2
Lab Code: R2005387-020

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/25/20 20:00	
Dibromofluoromethane	105	89 - 119	06/25/20 20:00	
Toluene-d8	113	87 - 121	06/25/20 20:00	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 08:10
Date Received: 06/24/20 09:40

Sample Name: OS-11R 2020 Q2
Lab Code: R2005387-021

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/26/20 04:01	
Bromodichloromethane	5.0 U	5.0	1	06/26/20 04:01	
Bromoform	5.0 U	5.0	1	06/26/20 04:01	
Bromomethane	5.0 U	5.0	1	06/26/20 04:01	
Carbon Tetrachloride	5.0 U	5.0	1	06/26/20 04:01	
Chlorobenzene	5.0 U	5.0	1	06/26/20 04:01	
Chloroethane	5.0 U	5.0	1	06/26/20 04:01	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/26/20 04:01	
Chloroform	5.0 U	5.0	1	06/26/20 04:01	
Chloromethane	5.0 U	5.0	1	06/26/20 04:01	
Dibromochloromethane	5.0 U	5.0	1	06/26/20 04:01	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/26/20 04:01	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/26/20 04:01	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/26/20 04:01	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/26/20 04:01	
1,2-Dichloroethane	5.0 U	5.0	1	06/26/20 04:01	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/26/20 04:01	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 04:01	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 04:01	
1,2-Dichloropropane	5.0 U	5.0	1	06/26/20 04:01	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 04:01	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 04:01	
Ethylbenzene	5.0 U	5.0	1	06/26/20 04:01	
Methylene Chloride	5.0 U	5.0	1	06/26/20 04:01	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/26/20 04:01	
Toluene	5.0 U	5.0	1	06/26/20 04:01	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/26/20 04:01	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/26/20 04:01	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/26/20 04:01	
Trichloroethene (TCE)	5.0 U	5.0	1	06/26/20 04:01	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/26/20 04:01	
Vinyl Chloride	5.0 U	5.0	1	06/26/20 04:01	
m,p-Xylenes	5.0 U	5.0	1	06/26/20 04:01	
o-Xylene	5.0 U	5.0	1	06/26/20 04:01	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/26/20 04:01	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 08:10
Date Received: 06/24/20 09:40

Sample Name: OS-11R 2020 Q2
Lab Code: R2005387-021

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	06/26/20 04:01	
Dibromofluoromethane	110	89 - 119	06/26/20 04:01	
Toluene-d8	113	87 - 121	06/26/20 04:01	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 08:15
Date Received: 06/24/20 09:40

Sample Name: OS-11D 20120 Q2
Lab Code: R2005387-022

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/26/20 04:23	
Bromodichloromethane	5.0 U	5.0	1	06/26/20 04:23	
Bromoform	5.0 U	5.0	1	06/26/20 04:23	
Bromomethane	5.0 U	5.0	1	06/26/20 04:23	
Carbon Tetrachloride	5.0 U	5.0	1	06/26/20 04:23	
Chlorobenzene	5.0 U	5.0	1	06/26/20 04:23	
Chloroethane	5.0 U	5.0	1	06/26/20 04:23	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/26/20 04:23	
Chloroform	5.0 U	5.0	1	06/26/20 04:23	
Chloromethane	5.0 U	5.0	1	06/26/20 04:23	
Dibromochloromethane	5.0 U	5.0	1	06/26/20 04:23	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/26/20 04:23	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/26/20 04:23	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/26/20 04:23	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/26/20 04:23	
1,2-Dichloroethane	5.0 U	5.0	1	06/26/20 04:23	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/26/20 04:23	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 04:23	
cis-1,2-Dichloroethene	9.8	5.0	1	06/26/20 04:23	
1,2-Dichloropropane	5.0 U	5.0	1	06/26/20 04:23	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 04:23	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 04:23	
Ethylbenzene	5.0 U	5.0	1	06/26/20 04:23	
Methylene Chloride	5.0 U	5.0	1	06/26/20 04:23	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/26/20 04:23	
Toluene	5.0 U	5.0	1	06/26/20 04:23	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/26/20 04:23	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/26/20 04:23	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/26/20 04:23	
Trichloroethene (TCE)	5.0 U	5.0	1	06/26/20 04:23	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/26/20 04:23	
Vinyl Chloride	5.0 U	5.0	1	06/26/20 04:23	
m,p-Xylenes	5.0 U	5.0	1	06/26/20 04:23	
o-Xylene	5.0 U	5.0	1	06/26/20 04:23	
Total Target Volatiles (TTV)	9.8	5.0	1	06/26/20 04:23	

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dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 08:15
Date Received: 06/24/20 09:40

Sample Name: OS-11D 20120 Q2
Lab Code: R2005387-022

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	06/26/20 04:23	
Dibromofluoromethane	108	89 - 119	06/26/20 04:23	
Toluene-d8	109	87 - 121	06/26/20 04:23	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 12:15
Date Received: 06/24/20 09:40

Sample Name: OS-12R 2020 Q2
Lab Code: R2005387-023

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/26/20 04:45	
Bromodichloromethane	5.0 U	5.0	1	06/26/20 04:45	
Bromoform	5.0 U	5.0	1	06/26/20 04:45	
Bromomethane	5.0 U	5.0	1	06/26/20 04:45	
Carbon Tetrachloride	5.0 U	5.0	1	06/26/20 04:45	
Chlorobenzene	5.0 U	5.0	1	06/26/20 04:45	
Chloroethane	5.0 U	5.0	1	06/26/20 04:45	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/26/20 04:45	
Chloroform	5.0 U	5.0	1	06/26/20 04:45	
Chloromethane	5.0 U	5.0	1	06/26/20 04:45	
Dibromochloromethane	5.0 U	5.0	1	06/26/20 04:45	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/26/20 04:45	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/26/20 04:45	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/26/20 04:45	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/26/20 04:45	
1,2-Dichloroethane	5.0 U	5.0	1	06/26/20 04:45	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/26/20 04:45	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 04:45	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 04:45	
1,2-Dichloropropane	5.0 U	5.0	1	06/26/20 04:45	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 04:45	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 04:45	
Ethylbenzene	5.0 U	5.0	1	06/26/20 04:45	
Methylene Chloride	5.0 U	5.0	1	06/26/20 04:45	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/26/20 04:45	
Toluene	5.0 U	5.0	1	06/26/20 04:45	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/26/20 04:45	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/26/20 04:45	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/26/20 04:45	
Trichloroethene (TCE)	5.0 U	5.0	1	06/26/20 04:45	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/26/20 04:45	
Vinyl Chloride	5.0 U	5.0	1	06/26/20 04:45	
m,p-Xylenes	5.0 U	5.0	1	06/26/20 04:45	
o-Xylene	5.0 U	5.0	1	06/26/20 04:45	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/26/20 04:45	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 12:15
Date Received: 06/24/20 09:40

Sample Name: OS-12R 2020 Q2
Lab Code: R2005387-023

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	06/26/20 04:45	
Dibromofluoromethane	110	89 - 119	06/26/20 04:45	
Toluene-d8	112	87 - 121	06/26/20 04:45	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 13:15
Date Received: 06/24/20 09:40

Sample Name: OS-15R 2020 Q2
Lab Code: R2005387-024

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/26/20 05:07	
Bromodichloromethane	5.0 U	5.0	1	06/26/20 05:07	
Bromoform	5.0 U	5.0	1	06/26/20 05:07	
Bromomethane	5.0 U	5.0	1	06/26/20 05:07	
Carbon Tetrachloride	5.0 U	5.0	1	06/26/20 05:07	
Chlorobenzene	5.0 U	5.0	1	06/26/20 05:07	
Chloroethane	5.0 U	5.0	1	06/26/20 05:07	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/26/20 05:07	
Chloroform	5.0 U	5.0	1	06/26/20 05:07	
Chloromethane	5.0 U	5.0	1	06/26/20 05:07	
Dibromochloromethane	5.0 U	5.0	1	06/26/20 05:07	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/26/20 05:07	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/26/20 05:07	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/26/20 05:07	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/26/20 05:07	
1,2-Dichloroethane	5.0 U	5.0	1	06/26/20 05:07	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/26/20 05:07	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 05:07	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 05:07	
1,2-Dichloropropane	5.0 U	5.0	1	06/26/20 05:07	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 05:07	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 05:07	
Ethylbenzene	5.0 U	5.0	1	06/26/20 05:07	
Methylene Chloride	5.0 U	5.0	1	06/26/20 05:07	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/26/20 05:07	
Toluene	5.0 U	5.0	1	06/26/20 05:07	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/26/20 05:07	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/26/20 05:07	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/26/20 05:07	
Trichloroethene (TCE)	5.0 U	5.0	1	06/26/20 05:07	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/26/20 05:07	
Vinyl Chloride	5.0 U	5.0	1	06/26/20 05:07	
m,p-Xylenes	5.0 U	5.0	1	06/26/20 05:07	
o-Xylene	5.0 U	5.0	1	06/26/20 05:07	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/26/20 05:07	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 13:15
Date Received: 06/24/20 09:40

Sample Name: OS-15R 2020 Q2
Lab Code: R2005387-024

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/26/20 05:07	
Dibromofluoromethane	118	89 - 119	06/26/20 05:07	
Toluene-d8	118	87 - 121	06/26/20 05:07	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 12:50
Date Received: 06/24/20 09:40

Sample Name: OS-15D 2020 Q2
Lab Code: R2005387-025

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/26/20 05:28	
Bromodichloromethane	5.0 U	5.0	1	06/26/20 05:28	
Bromoform	5.0 U	5.0	1	06/26/20 05:28	
Bromomethane	5.0 U	5.0	1	06/26/20 05:28	
Carbon Tetrachloride	5.0 U	5.0	1	06/26/20 05:28	
Chlorobenzene	5.0 U	5.0	1	06/26/20 05:28	
Chloroethane	5.0 U	5.0	1	06/26/20 05:28	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/26/20 05:28	
Chloroform	5.0 U	5.0	1	06/26/20 05:28	
Chloromethane	5.0 U	5.0	1	06/26/20 05:28	
Dibromochloromethane	5.0 U	5.0	1	06/26/20 05:28	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/26/20 05:28	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/26/20 05:28	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/26/20 05:28	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/26/20 05:28	
1,2-Dichloroethane	5.0 U	5.0	1	06/26/20 05:28	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/26/20 05:28	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 05:28	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 05:28	
1,2-Dichloropropane	5.0 U	5.0	1	06/26/20 05:28	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 05:28	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 05:28	
Ethylbenzene	5.0 U	5.0	1	06/26/20 05:28	
Methylene Chloride	5.0 U	5.0	1	06/26/20 05:28	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/26/20 05:28	
Toluene	5.0 U	5.0	1	06/26/20 05:28	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/26/20 05:28	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/26/20 05:28	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/26/20 05:28	
Trichloroethene (TCE)	5.0 U	5.0	1	06/26/20 05:28	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/26/20 05:28	
Vinyl Chloride	5.0 U	5.0	1	06/26/20 05:28	
m,p-Xylenes	5.0 U	5.0	1	06/26/20 05:28	
o-Xylene	5.0 U	5.0	1	06/26/20 05:28	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/26/20 05:28	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 12:50
Date Received: 06/24/20 09:40

Sample Name: OS-15D 2020 Q2
Lab Code: R2005387-025

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	102	85 - 122	06/26/20 05:28	
Dibromofluoromethane	111	89 - 119	06/26/20 05:28	
Toluene-d8	114	87 - 121	06/26/20 05:28	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 11:55
Date Received: 06/24/20 09:40

Sample Name: DUP-02 2020 Q2
Lab Code: R2005387-026

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/26/20 05:50	
Bromodichloromethane	5.0 U	5.0	1	06/26/20 05:50	
Bromoform	5.0 U	5.0	1	06/26/20 05:50	
Bromomethane	5.0 U	5.0	1	06/26/20 05:50	
Carbon Tetrachloride	5.0 U	5.0	1	06/26/20 05:50	
Chlorobenzene	5.0 U	5.0	1	06/26/20 05:50	
Chloroethane	5.0 U	5.0	1	06/26/20 05:50	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/26/20 05:50	
Chloroform	5.0 U	5.0	1	06/26/20 05:50	
Chloromethane	5.0 U	5.0	1	06/26/20 05:50	
Dibromochloromethane	5.0 U	5.0	1	06/26/20 05:50	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/26/20 05:50	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/26/20 05:50	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/26/20 05:50	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/26/20 05:50	
1,2-Dichloroethane	5.0 U	5.0	1	06/26/20 05:50	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/26/20 05:50	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 05:50	
cis-1,2-Dichloroethene	7.7	5.0	1	06/26/20 05:50	
1,2-Dichloropropane	5.0 U	5.0	1	06/26/20 05:50	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 05:50	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 05:50	
Ethylbenzene	5.0 U	5.0	1	06/26/20 05:50	
Methylene Chloride	5.0 U	5.0	1	06/26/20 05:50	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/26/20 05:50	
Toluene	5.0 U	5.0	1	06/26/20 05:50	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/26/20 05:50	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/26/20 05:50	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/26/20 05:50	
Trichloroethene (TCE)	5.0 U	5.0	1	06/26/20 05:50	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/26/20 05:50	
Vinyl Chloride	5.0 U	5.0	1	06/26/20 05:50	
m,p-Xylenes	5.0 U	5.0	1	06/26/20 05:50	
o-Xylene	5.0 U	5.0	1	06/26/20 05:50	
Total Target Volatiles (TTV)	7.7	5.0	1	06/26/20 05:50	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20 11:55
Date Received: 06/24/20 09:40

Sample Name: DUP-02 2020 Q2
Lab Code: R2005387-026

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	06/26/20 05:50	
Dibromofluoromethane	113	89 - 119	06/26/20 05:50	
Toluene-d8	113	87 - 121	06/26/20 05:50	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20
Date Received: 06/24/20 09:40

Sample Name: TRIP BLANK-02 2020 Q2
Lab Code: R2005387-028

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/26/20 03:40	
Bromodichloromethane	5.0 U	5.0	1	06/26/20 03:40	
Bromoform	5.0 U	5.0	1	06/26/20 03:40	
Bromomethane	5.0 U	5.0	1	06/26/20 03:40	
Carbon Tetrachloride	5.0 U	5.0	1	06/26/20 03:40	
Chlorobenzene	5.0 U	5.0	1	06/26/20 03:40	
Chloroethane	5.0 U	5.0	1	06/26/20 03:40	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/26/20 03:40	
Chloroform	5.0 U	5.0	1	06/26/20 03:40	
Chloromethane	5.0 U	5.0	1	06/26/20 03:40	
Dibromochloromethane	5.0 U	5.0	1	06/26/20 03:40	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/26/20 03:40	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/26/20 03:40	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/26/20 03:40	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/26/20 03:40	
1,2-Dichloroethane	5.0 U	5.0	1	06/26/20 03:40	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/26/20 03:40	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 03:40	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/26/20 03:40	
1,2-Dichloropropane	5.0 U	5.0	1	06/26/20 03:40	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 03:40	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/26/20 03:40	
Ethylbenzene	5.0 U	5.0	1	06/26/20 03:40	
Methylene Chloride	5.0 U	5.0	1	06/26/20 03:40	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/26/20 03:40	
Toluene	5.0 U	5.0	1	06/26/20 03:40	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/26/20 03:40	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/26/20 03:40	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/26/20 03:40	
Trichloroethene (TCE)	5.0 U	5.0	1	06/26/20 03:40	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/26/20 03:40	
Vinyl Chloride	5.0 U	5.0	1	06/26/20 03:40	
m,p-Xylenes	5.0 U	5.0	1	06/26/20 03:40	
o-Xylene	5.0 U	5.0	1	06/26/20 03:40	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/26/20 03:40	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20
Date Received: 06/24/20 09:40

Sample Name: TRIP BLANK-02 2020 Q2
Lab Code: R2005387-028

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	06/26/20 03:40	
Dibromofluoromethane	106	89 - 119	06/26/20 03:40	
Toluene-d8	110	87 - 121	06/26/20 03:40	



Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 08:00
Date Received: 06/24/20 09:40

Sample Name: W-2 2020 Q2
Lab Code: R2005387-001

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	07/01/20 16:39	6/29/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	120	18 - 152	07/01/20 16:39	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 08:30
Date Received: 06/24/20 09:40

Sample Name: MW-12 2020 Q2
Lab Code: R2005387-003

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	07/01/20 17:00	6/29/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	86	18 - 152	07/01/20 17:00	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 08:45
Date Received: 06/24/20 09:40

Sample Name: MW-13 2020 Q2
Lab Code: R2005387-004

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	07/01/20 17:22	6/29/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	76	18 - 152	07/01/20 17:22	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 09:10
Date Received: 06/24/20 09:40

Sample Name: PW-2 2020 Q2
Lab Code: R2005387-007

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	07/01/20 17:43	6/29/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	114	18 - 152	07/01/20 17:43	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 09:15
Date Received: 06/24/20 09:40

Sample Name: DUP-01 2020 Q2
Lab Code: R2005387-009

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	07/01/20 18:05	6/29/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	91	18 - 152	07/01/20 18:05	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/23/20 07:25
Date Received: 06/24/20 09:40

Sample Name: EB-01 2020 Q2
Lab Code: R2005387-010

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	07/01/20 18:26	6/29/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	123	18 - 152	07/01/20 18:26	



QC Summary Forms

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com



Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8
		85-122	89-119	87-121
W-2 2020 Q2	R2005387-001	101	114	115
U-6D 2020 Q2	R2005387-002	100	112	113
MW-12 2020 Q2	R2005387-003	103	112	114
MW-13 2020 Q2	R2005387-004	101	109	113
OW-1 2020 Q2	R2005387-005	94	103	109
OW-2 2020 Q2	R2005387-006	98	109	110
PW-2 2020 Q2	R2005387-007	105	115	116
RI-6 2020 Q2	R2005387-008	97	108	110
DUP-01 2020 Q2	R2005387-009	100	112	114
EB-01 2020 Q2	R2005387-010	98	109	112
TRIP BLANK-01 2020 Q2	R2005387-011	100	112	113
OS-2R 2020 Q2	R2005387-012	95	107	108
OS-5R 2020 Q2	R2005387-013	96	108	110
OS-5D 2020 Q2	R2005387-014	95	106	110
OS-6 2020 Q2	R2005387-015	99	109	111
OS-6R 2020 Q2	R2005387-016	102	113	116
OS-7R 2020 Q2	R2005387-017	102	113	114
OS-7D 2020 Q2	R2005387-018	95	109	108
OS-9 2020 Q2	R2005387-019	105	114	117
OS-9R 2020 Q2	R2005387-020	100	105	113
OS-11R 2020 Q2	R2005387-021	99	110	113
OS-11D 20120 Q2	R2005387-022	98	108	109
OS-12R 2020 Q2	R2005387-023	100	110	112
OS-15R 2020 Q2	R2005387-024	105	118	118
OS-15D 2020 Q2	R2005387-025	102	111	114
DUP-02 2020 Q2	R2005387-026	99	113	113
TRIP BLANK-02 2020 Q2	R2005387-028	99	106	110
Method Blank	RQ2006751-04	105	117	117
Method Blank	RQ2006781-05	98	109	109
Lab Control Sample	RQ2006751-03	109	114	115
Lab Control Sample	RQ2006781-04	100	113	112
OS-6 2020 Q2 MS	RQ2006751-05	106	111	112
OS-6 2020 Q2 DMS	RQ2006751-06	104	112	113

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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20
Date Received: 06/24/20
Date Analyzed: 06/25/20
Date Extracted: NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name: OS-6 2020 Q2
Lab Code: R2005387-015
Analysis Method: 8260C
Prep Method: EPA 5030C

Units: ug/L
Basis: NA

Analyte Name	Matrix Spike RQ2006751-05				Duplicate Matrix Spike RQ2006751-06				RPD	RPD Limit
	Sample Result	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits		
Benzene	5.0 U	52.2	50.0	104	56.2	50.0	112	76-129	8	30
Bromodichloromethane	5.0 U	51.1	50.0	102	55.0	50.0	110	78-133	7	30
Bromoform	5.0 U	42.6	50.0	85	46.6	50.0	93	58-133	9	30
Bromomethane	5.0 U	55.8	50.0	112	62.1	50.0	124	10-184	11	30
Carbon Tetrachloride	5.0 U	47.7	50.0	95	52.2	50.0	104	65-135	9	30
Chlorobenzene	5.0 U	55.0	50.0	110	59.3	50.0	119	76-125	8	30
Chloroethane	5.0 U	41.1	50.0	82	45.2	50.0	90	48-146	9	30
2-Chloroethyl Vinyl Ether	5.0 U	30.2	50.0	60	32.4	50.0	65	19-162	7	30
Chloroform	5.0 U	50.7	50.0	101	54.0	50.0	108	75-130	6	30
Chloromethane	5.0 U	42.5	50.0	85	46.2	50.0	92	55-160	8	30
Dibromochloromethane	5.0 U	50.1	50.0	100	56.0	50.0	112	72-128	11	30
1,2-Dichlorobenzene	5.0 U	50.4	50.0	101	54.0	50.0	108	77-120	7	30
1,3-Dichlorobenzene	5.0 U	48.6	50.0	97	53.0	50.0	106	83-121	9	30
1,4-Dichlorobenzene	5.0 U	48.7	50.0	97	53.4	50.0	107	82-120	9	30
1,1-Dichloroethane (1,1-DCA)	5.0 U	55.8	50.0	112	58.9	50.0	118	74-132	5	30
1,2-Dichloroethane	5.0 U	52.0	50.0	104	57.1	50.0	114	68-130	9	30
1,1-Dichloroethene (1,1-DCE)	5.0 U	50.3	50.0	101	54.2	50.0	108	71-118	8	30
trans-1,2-Dichloroethene	5.0 U	50.5	50.0	101	54.0	50.0	108	73-118	7	30
cis-1,2-Dichloroethene	32	90.6	50.0	118	94.3	50.0	125	77-127	4	30
1,2-Dichloropropane	5.0 U	53.7	50.0	107	57.3	50.0	115	79-124	6	30
cis-1,3-Dichloropropene	5.0 U	49.0	50.0	98	53.6	50.0	107	52-134	9	30
trans-1,3-Dichloropropene	5.0 U	46.9	50.0	94	51.2	50.0	102	71-133	9	30
Ethylbenzene	5.0 U	54.5	50.0	109	59.5	50.0	119	72-134	9	30
Methylene Chloride	5.0 U	51.1	50.0	102	53.3	50.0	107	73-122	4	30
1,1,2,2-Tetrachloroethane	5.0 U	59.9	50.0	120	66.7	50.0	133 *	72-122	11	30
Toluene	5.0 U	55.1	50.0	110	59.2	50.0	118	79-119	7	30
1,1,1-Trichloroethane (TCA)	5.0 U	52.8	50.0	106	55.2	50.0	110	74-127	4	30
1,1,2-Trichloroethane	5.0 U	51.7	50.0	103	54.5	50.0	109	82-121	5	30
Tetrachloroethene (PCE)	5.0 U	57.4	50.0	115	60.2	50.0	120	72-125	5	30
Trichloroethene (TCE)	5.0 U	46.5	50.0	93	49.5	50.0	99	74-122	6	30
Trichlorofluoromethane (CFC 11)	5.0 U	49.3	50.0	99	53.5	50.0	107	71-136	8	30
Vinyl Chloride	5.0 U	46.0	50.0	92	51.1	50.0	102	74-159	10	30
m,p-Xylenes	5.0 U	113	100	113	122	100	122	80-126	8	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: 06/22/20
Date Received: 06/24/20
Date Analyzed: 06/25/20
Date Extracted: NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name: OS-6 2020 Q2
Lab Code: R2005387-015
Analysis Method: 8260C
Prep Method: EPA 5030C

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Matrix Spike RQ2006751-05			Duplicate Matrix Spike RQ2006751-06			% Rec Limits	RPD	RPD Limit
		Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
o-Xylene	5.0 U	55.4	50.0	111	59.4	50.0	119	79-123	7	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2006751-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 12:34	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 12:34	
Bromoform	5.0 U	5.0	1	06/25/20 12:34	
Bromomethane	5.0 U	5.0	1	06/25/20 12:34	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 12:34	
Chlorobenzene	5.0 U	5.0	1	06/25/20 12:34	
Chloroethane	5.0 U	5.0	1	06/25/20 12:34	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 12:34	
Chloroform	5.0 U	5.0	1	06/25/20 12:34	
Chloromethane	5.0 U	5.0	1	06/25/20 12:34	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 12:34	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 12:34	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 12:34	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 12:34	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 12:34	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 12:34	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 12:34	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 12:34	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 12:34	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 12:34	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 12:34	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 12:34	
Ethylbenzene	5.0 U	5.0	1	06/25/20 12:34	
Methylene Chloride	5.0 U	5.0	1	06/25/20 12:34	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 12:34	
Toluene	5.0 U	5.0	1	06/25/20 12:34	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 12:34	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 12:34	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 12:34	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 12:34	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 12:34	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 12:34	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 12:34	
o-Xylene	5.0 U	5.0	1	06/25/20 12:34	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/25/20 12:34	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2006751-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	105	85 - 122	06/25/20 12:34	
Dibromofluoromethane	117	89 - 119	06/25/20 12:34	
Toluene-d8	117	87 - 121	06/25/20 12:34	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2006781-05

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	06/25/20 23:17	
Bromodichloromethane	5.0 U	5.0	1	06/25/20 23:17	
Bromoform	5.0 U	5.0	1	06/25/20 23:17	
Bromomethane	5.0 U	5.0	1	06/25/20 23:17	
Carbon Tetrachloride	5.0 U	5.0	1	06/25/20 23:17	
Chlorobenzene	5.0 U	5.0	1	06/25/20 23:17	
Chloroethane	5.0 U	5.0	1	06/25/20 23:17	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	06/25/20 23:17	
Chloroform	5.0 U	5.0	1	06/25/20 23:17	
Chloromethane	5.0 U	5.0	1	06/25/20 23:17	
Dibromochloromethane	5.0 U	5.0	1	06/25/20 23:17	
1,2-Dichlorobenzene	5.0 U	5.0	1	06/25/20 23:17	
1,3-Dichlorobenzene	5.0 U	5.0	1	06/25/20 23:17	
1,4-Dichlorobenzene	5.0 U	5.0	1	06/25/20 23:17	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	06/25/20 23:17	
1,2-Dichloroethane	5.0 U	5.0	1	06/25/20 23:17	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	06/25/20 23:17	
trans-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 23:17	
cis-1,2-Dichloroethene	5.0 U	5.0	1	06/25/20 23:17	
1,2-Dichloropropane	5.0 U	5.0	1	06/25/20 23:17	
cis-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 23:17	
trans-1,3-Dichloropropene	5.0 U	5.0	1	06/25/20 23:17	
Ethylbenzene	5.0 U	5.0	1	06/25/20 23:17	
Methylene Chloride	5.0 U	5.0	1	06/25/20 23:17	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	06/25/20 23:17	
Toluene	5.0 U	5.0	1	06/25/20 23:17	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	06/25/20 23:17	
1,1,2-Trichloroethane	5.0 U	5.0	1	06/25/20 23:17	
Tetrachloroethene (PCE)	5.0 U	5.0	1	06/25/20 23:17	
Trichloroethene (TCE)	5.0 U	5.0	1	06/25/20 23:17	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	06/25/20 23:17	
Vinyl Chloride	5.0 U	5.0	1	06/25/20 23:17	
m,p-Xylenes	5.0 U	5.0	1	06/25/20 23:17	
o-Xylene	5.0 U	5.0	1	06/25/20 23:17	
Total Target Volatiles (TTV)	5.0 U	5.0	1	06/25/20 23:17	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2006781-05

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	06/25/20 23:17	
Dibromofluoromethane	109	89 - 119	06/25/20 23:17	
Toluene-d8	109	87 - 121	06/25/20 23:17	

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Analyzed: 06/25/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2006751-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Benzene	8260C	20.9	20.0	104	79-119
Bromodichloromethane	8260C	21.3	20.0	107	81-123
Bromoform	8260C	17.3	20.0	86	65-146
Bromomethane	8260C	20.2	20.0	101	42-166
Carbon Tetrachloride	8260C	18.6	20.0	93	70-127
Chlorobenzene	8260C	22.0	20.0	110	80-121
Chloroethane	8260C	17.0	20.0	85	62-131
2-Chloroethyl Vinyl Ether	8260C	11.3	20.0	57	19-162
Chloroform	8260C	19.9	20.0	100	79-120
Chloromethane	8260C	17.2	20.0	86	65-135
Dibromochloromethane	8260C	20.2	20.0	101	72-128
1,2-Dichlorobenzene	8260C	20.4	20.0	102	80-119
1,3-Dichlorobenzene	8260C	19.5	20.0	98	83-121
1,4-Dichlorobenzene	8260C	19.8	20.0	99	79-119
1,1-Dichloroethane (1,1-DCA)	8260C	21.4	20.0	107	80-124
1,2-Dichloroethane	8260C	21.3	20.0	106	71-127
1,1-Dichloroethene (1,1-DCE)	8260C	19.2	20.0	96	71-118
trans-1,2-Dichloroethene	8260C	19.8	20.0	99	73-118
cis-1,2-Dichloroethene	8260C	21.1	20.0	106	80-121
1,2-Dichloropropane	8260C	20.6	20.0	103	80-119
cis-1,3-Dichloropropene	8260C	20.0	20.0	100	77-122
trans-1,3-Dichloropropene	8260C	19.3	20.0	97	71-133
Ethylbenzene	8260C	20.0	20.0	100	76-120
Methylene Chloride	8260C	19.6	20.0	98	73-122
1,1,2,2-Tetrachloroethane	8260C	25.3	20.0	126	78-126
Toluene	8260C	21.3	20.0	107	79-119
1,1,1-Trichloroethane (TCA)	8260C	19.2	20.0	96	75-125
1,1,2-Trichloroethane	8260C	20.7	20.0	103	82-121
Tetrachloroethene (PCE)	8260C	19.6	20.0	98	72-125
Trichloroethene (TCE)	8260C	16.8	20.0	84	74-122
Trichlorofluoromethane (CFC 11)	8260C	19.4	20.0	97	71-136
Vinyl Chloride	8260C	18.0	20.0	90	74-159
m,p-Xylenes	8260C	42.3	40.0	106	80-126

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Analyzed: 06/25/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2006751-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
o-Xylene	8260C	21.4	20.0	107	79-123

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Analyzed: 06/25/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2006781-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Benzene	8260C	20.5	20.0	102	79-119
Bromodichloromethane	8260C	20.5	20.0	103	81-123
Bromoform	8260C	18.2	20.0	91	65-146
Bromomethane	8260C	18.4	20.0	92	42-166
Carbon Tetrachloride	8260C	16.2	20.0	81	70-127
Chlorobenzene	8260C	20.8	20.0	104	80-121
Chloroethane	8260C	16.2	20.0	81	62-131
2-Chloroethyl Vinyl Ether	8260C	12.0	20.0	60	19-162
Chloroform	8260C	19.8	20.0	99	79-120
Chloromethane	8260C	17.3	20.0	87	65-135
Dibromochloromethane	8260C	20.0	20.0	100	72-128
1,2-Dichlorobenzene	8260C	19.9	20.0	100	80-119
1,3-Dichlorobenzene	8260C	18.7	20.0	94	83-121
1,4-Dichlorobenzene	8260C	19.5	20.0	97	79-119
1,1-Dichloroethane (1,1-DCA)	8260C	21.1	20.0	105	80-124
1,2-Dichloroethane	8260C	22.0	20.0	110	71-127
1,1-Dichloroethene (1,1-DCE)	8260C	18.6	20.0	93	71-118
trans-1,2-Dichloroethene	8260C	19.7	20.0	98	73-118
cis-1,2-Dichloroethene	8260C	21.1	20.0	106	80-121
1,2-Dichloropropane	8260C	21.4	20.0	107	80-119
cis-1,3-Dichloropropene	8260C	19.6	20.0	98	77-122
trans-1,3-Dichloropropene	8260C	19.5	20.0	98	71-133
Ethylbenzene	8260C	19.2	20.0	96	76-120
Methylene Chloride	8260C	19.8	20.0	99	73-122
1,1,2,2-Tetrachloroethane	8260C	23.6	20.0	118	78-126
Toluene	8260C	20.7	20.0	104	79-119
1,1,1-Trichloroethane (TCA)	8260C	18.7	20.0	94	75-125
1,1,2-Trichloroethane	8260C	21.7	20.0	109	82-121
Tetrachloroethene (PCE)	8260C	18.0	20.0	90	72-125
Trichloroethene (TCE)	8260C	18.6	20.0	93	74-122
Trichlorofluoromethane (CFC 11)	8260C	18.6	20.0	93	71-136
Vinyl Chloride	8260C	17.8	20.0	89	74-159
m,p-Xylenes	8260C	39.7	40.0	99	80-126

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Analyzed: 06/25/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2006781-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
o-Xylene	8260C	20.0	20.0	100	79-123

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387
Date Analyzed: 6/25/20

**Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved**

Analytical Method: 8260C
File ID: I:\ACQUDATA\msvoa12\Data\062520\P36760.D\

Calibration Date: 5/19/20
Calibration ID: RC2000073
Analysis Lot: 685010
Units: ppb

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50.0	52.2	1.243	1.298	4.5	NA	± 20 %	Average RF
Bromodichloromethane	50.0	51.3	0.3454	0.3544	2.6	NA	± 20 %	Average RF
Bromoform	50.0	45.6	0.3899	0.3553	-8.9	NA	± 20 %	Average RF
Bromomethane	50.0	53.6	NA	NA	NA	7.1	± 20 %	Quadratic
Carbon Tetrachloride	50.0	47.5	0.3266	0.3102	-5.0	NA	± 20 %	Average RF
Chlorobenzene	50.0	53.8	0.9150	0.9848	7.6	NA	± 20 %	Average RF
Chloroethane	50.0	46.5	0.3801	0.3531	-7.1	NA	± 20 %	Average RF
2-Chloroethyl Vinyl Ether	50.0	30.8	0.2379	0.1466	-38.4 *	NA	± 20 %	Average RF
Chloroform	50.0	49.2	0.8038	0.7906	-1.6	NA	± 20 %	Average RF
Chloromethane	50.0	41.1	0.7217	0.5938	-17.7	NA	± 20 %	Average RF
Dibromochloromethane	50.0	51.0	0.2877	0.2937	2.1	NA	± 20 %	Average RF
1,2-Dichlorobenzene	50.0	50.5	1.521	1.537	1.0	NA	± 20 %	Average RF
1,3-Dichlorobenzene	50.0	48.7	1.544	1.505	-2.5	NA	± 20 %	Average RF
1,4-Dichlorobenzene	50.0	49.7	1.549	1.538	-0.7	NA	± 20 %	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	55.1	0.8029	0.8841	10.1	NA	± 20 %	Average RF
1,2-Dichloroethane	50.0	55.0	0.4227	0.4654	10.1	NA	± 20 %	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	50.6	0.4006	0.4057	1.3	NA	± 20 %	Average RF
trans-1,2-Dichloroethene	50.0	50.2	0.4486	0.4508	0.5	NA	± 20 %	Average RF
cis-1,2-Dichloroethene	50.0	53.1	0.4940	0.5242	6.1	NA	± 20 %	Average RF
1,2-Dichloropropane	50.0	52.7	0.3205	0.3380	5.5	NA	± 20 %	Average RF
cis-1,3-Dichloropropene	50.0	53.7	0.4900	0.5265	7.4	NA	± 20 %	Average RF
trans-1,3-Dichloropropene	50.0	51.9	0.4574	0.4749	3.8	NA	± 20 %	Average RF
Ethylbenzene	50.0	53.2	0.4968	0.5285	6.4	NA	± 20 %	Average RF
Methylene Chloride	50.0	49.0	NA	NA	NA	-2.1	± 20 %	Quadratic
1,1,2,2-Tetrachloroethane	50.0	58.7	0.8611	1.011	17.4	NA	± 20 %	Average RF
Toluene	50.0	53.9	1.298	1.399	7.8	NA	± 20 %	Average RF
1,1,1-Trichloroethane (TCA)	50.0	50.8	0.6424	0.6523	1.5	NA	± 20 %	Average RF
1,1,2-Trichloroethane	50.0	52.5	0.3053	0.3208	5.1	NA	± 20 %	Average RF
Tetrachloroethene (PCE)	50.0	51.7	0.2564	0.2649	3.3	NA	± 20 %	Average RF
Trichloroethene (TCE)	50.0	47.8	0.3400	0.3247	-4.5	NA	± 20 %	Average RF
Trichlorofluoromethane (CFC 11)	50.0	50.7	0.6055	0.6145	1.5	NA	± 20 %	Average RF
Vinyl Chloride	50.0	48.2	0.6219	0.5992	-3.6	NA	± 20 %	Average RF
m,p-Xylenes	100	108	0.5957	0.6425	7.9	NA	± 20 %	Average RF
o-Xylene	50.0	52.2	0.5996	0.6260	4.4	NA	± 20 %	Average RF
4-Bromofluorobenzene	50.0	55.2	0.4540	0.5012	10.4	NA	± 20 %	Average RF
Dibromofluoromethane	50.0	55.8	0.2526	0.2821	11.7	NA	± 20 %	Average RF
Toluene-d8	50.0	56.8	1.187	1.349	13.7	NA	± 20 %	Average RF

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387
Date Analyzed: 6/25/20

**Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved**

Analytical Method: 8260C
File ID: I:\ACQUDATA\msvoa12\Data\062520\P36788.D\

Calibration Date: 5/19/20
Calibration ID: RC2000073
Analysis Lot: 685079
Units: ppb

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50.0	51.1	1.243	1.269	2.2	NA	± 20 %	Average RF
Bromodichloromethane	50.0	49.6	0.3454	0.3428	-0.7	NA	± 20 %	Average RF
Bromoform	50.0	44.1	0.3899	0.3442	-11.7	NA	± 20 %	Average RF
Bromomethane	50.0	58.7	NA	NA	NA	17.4	± 20 %	Quadratic
Carbon Tetrachloride	50.0	47.1	0.3266	0.3077	-5.8	NA	± 20 %	Average RF
Chlorobenzene	50.0	52.0	0.9150	0.9523	4.1	NA	± 20 %	Average RF
Chloroethane	50.0	44.6	0.3801	0.3394	-10.7	NA	± 20 %	Average RF
2-Chloroethyl Vinyl Ether	50.0	32.0	0.2379	0.1523	-36.0 *	NA	± 20 %	Average RF
Chloroform	50.0	48.4	0.8038	0.7783	-3.2	NA	± 20 %	Average RF
Chloromethane	50.0	42.1	0.7217	0.6077	-15.8	NA	± 20 %	Average RF
Dibromochloromethane	50.0	49.2	0.2877	0.2833	-1.5	NA	± 20 %	Average RF
1,2-Dichlorobenzene	50.0	49.8	1.521	1.516	-0.4	NA	± 20 %	Average RF
1,3-Dichlorobenzene	50.0	47.9	1.544	1.480	-4.1	NA	± 20 %	Average RF
1,4-Dichlorobenzene	50.0	49.4	1.549	1.531	-1.1	NA	± 20 %	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	52.6	0.8029	0.8445	5.2	NA	± 20 %	Average RF
1,2-Dichloroethane	50.0	52.6	0.4227	0.4448	5.2	NA	± 20 %	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	49.1	0.4006	0.3937	-1.7	NA	± 20 %	Average RF
trans-1,2-Dichloroethene	50.0	49.2	0.4486	0.4417	-1.5	NA	± 20 %	Average RF
cis-1,2-Dichloroethene	50.0	51.3	0.4940	0.5071	2.6	NA	± 20 %	Average RF
1,2-Dichloropropane	50.0	53.4	0.3205	0.3421	6.7	NA	± 20 %	Average RF
cis-1,3-Dichloropropene	50.0	51.0	0.4900	0.5001	2.1	NA	± 20 %	Average RF
trans-1,3-Dichloropropene	50.0	48.9	0.4574	0.4476	-2.1	NA	± 20 %	Average RF
Ethylbenzene	50.0	51.7	0.4968	0.5136	3.4	NA	± 20 %	Average RF
Methylene Chloride	50.0	47.8	NA	NA	NA	-4.5	± 20 %	Quadratic
1,1,2,2-Tetrachloroethane	50.0	55.4	0.8611	0.9534	10.7	NA	± 20 %	Average RF
Toluene	50.0	52.7	1.298	1.369	5.4	NA	± 20 %	Average RF
1,1,1-Trichloroethane (TCA)	50.0	50.1	0.6424	0.6443	0.3	NA	± 20 %	Average RF
1,1,2-Trichloroethane	50.0	50.2	0.3053	0.3063	0.3	NA	± 20 %	Average RF
Tetrachloroethene (PCE)	50.0	51.6	0.2564	0.2647	3.2	NA	± 20 %	Average RF
Trichloroethene (TCE)	50.0	47.5	0.3400	0.3227	-5.1	NA	± 20 %	Average RF
Trichlorofluoromethane (CFC 11)	50.0	47.9	0.6055	0.5798	-4.2	NA	± 20 %	Average RF
Vinyl Chloride	50.0	47.3	0.6219	0.5883	-5.4	NA	± 20 %	Average RF
m,p-Xylenes	100	105	0.5957	0.6242	4.8	NA	± 20 %	Average RF
o-Xylene	50.0	51.8	0.5996	0.6213	3.6	NA	± 20 %	Average RF
4-Bromofluorobenzene	50.0	53.0	0.4540	0.4816	6.1	NA	± 20 %	Average RF
Dibromofluoromethane	50.0	56.4	0.2526	0.2847	12.7	NA	± 20 %	Average RF
Toluene-d8	50.0	55.8	1.187	1.325	11.6	NA	± 20 %	Average RF

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387
Date Analyzed: 6/25/20 10:49

**Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved**

File ID: I:\ACQUDATA\msvoa12\Data\062520\P36760.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2006751-02
Analysis Lot: 685010
Signal ID: 1

	Chlorobenzene-d5		1,4-Difluorobenzene		1,4-Dichlorobenzene-d4	
	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>
Results ==>	457,595	9.80	505,646	6.53	241,204	11.84
Upper Limit ==>	915,190	9.97	1,011,292	6.70	482,408	12.01
Lower Limit ==>	228,798	9.63	252,823	6.36	120,602	11.67
ICAL Result ==>	459,285	9.80	505,126	6.53	233,728	11.83

Associated Analyses

Lab Control Sample	RQ2006751-03	452,374	9.80	506,695	6.52	241,781	11.84
Method Blank	RQ2006751-04	435,128	9.80	492,462	6.54	219,799	11.84
TRIP BLANK-01 2020 Q2	R2005387-011	416,984	9.80	471,900	6.53	205,691	11.84
EB-01 2020 Q2	R2005387-010	419,612	9.80	485,148	6.52	213,614	11.83
W-2 2020 Q2	R2005387-001	425,155	9.80	487,258	6.53	211,444	11.84
U-6D 2020 Q2	R2005387-002	426,341	9.80	484,414	6.53	210,141	11.84
MW-13 2020 Q2	R2005387-004	446,033	9.80	500,002	6.53	215,442	11.84
OW-1 2020 Q2	R2005387-005	444,255	9.80	501,136	6.53	220,143	11.84
OS-6 2020 Q2	R2005387-015	414,481	9.80	464,154	6.54	200,146	11.84
MW-12 2020 Q2	R2005387-003	432,678	9.80	492,285	6.54	218,387	11.84
PW-2 2020 Q2	R2005387-007	421,774	9.80	476,478	6.54	209,909	11.84
DUP-01 2020 Q2	R2005387-009	430,882	9.80	486,733	6.53	212,404	11.84
OW-2 2020 Q2	R2005387-006	421,581	9.80	478,131	6.53	205,240	11.84
RI-6 2020 Q2	R2005387-008	423,131	9.80	482,457	6.53	207,805	11.84
OS-2R 2020 Q2	R2005387-012	436,274	9.80	498,741	6.53	218,367	11.84
OS-5R 2020 Q2	R2005387-013	431,203	9.80	496,318	6.54	220,159	11.84
OS-5D 2020 Q2	R2005387-014	439,216	9.80	493,111	6.53	217,005	11.84
OS-6R 2020 Q2	R2005387-016	423,940	9.80	485,841	6.53	213,918	11.84
OS-7R 2020 Q2	R2005387-017	426,172	9.80	480,599	6.52	213,410	11.84
OS-7D 2020 Q2	R2005387-018	421,893	9.80	479,290	6.53	207,378	11.84
OS-9 2020 Q2	R2005387-019	422,410	9.80	480,167	6.54	207,254	11.84
OS-9R 2020 Q2	R2005387-020	409,012	9.80	468,202	6.53	199,563	11.84
OS-6 2020 Q2MS	RQ2006751-05	457,340	9.80	507,911	6.53	248,048	11.84
OS-6 2020 Q2DMS	RQ2006751-06	439,886	9.80	495,409	6.53	237,612	11.84

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387
Date Analyzed: 6/25/20 10:49

**Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved**

File ID: I:\ACQUDATA\msvoa12\Data\062520\P36760.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2006751-02
Analysis Lot: 685010
Signal ID: 1

Pentafluorobenzene		
	<u>Area</u>	<u>RT</u>
Results ==>	319,519	5.45
Upper Limit ==>	639,038	5.62
Lower Limit ==>	159,760	5.28
ICAL Result ==>	324,427	5.46

Associated Analyses

Lab Control Sample	RQ2006751-03	322,526	5.45
Method Blank	RQ2006751-04	317,353	5.46
TRIP BLANK-01 2020 Q2	R2005387-011	295,786	5.46
EB-01 2020 Q2	R2005387-010	309,612	5.45
W-2 2020 Q2	R2005387-001	315,106	5.46
U-6D 2020 Q2	R2005387-002	310,375	5.46
MW-13 2020 Q2	R2005387-004	316,901	5.45
OW-1 2020 Q2	R2005387-005	319,008	5.45
OS-6 2020 Q2	R2005387-015	297,722	5.46
MW-12 2020 Q2	R2005387-003	318,133	5.46
PW-2 2020 Q2	R2005387-007	308,152	5.46
DUP-01 2020 Q2	R2005387-009	310,593	5.46
OW-2 2020 Q2	R2005387-006	307,179	5.46
RI-6 2020 Q2	R2005387-008	306,048	5.45
OS-2R 2020 Q2	R2005387-012	313,843	5.46
OS-5R 2020 Q2	R2005387-013	318,484	5.46
OS-5D 2020 Q2	R2005387-014	315,986	5.46
OS-6R 2020 Q2	R2005387-016	307,897	5.46
OS-7R 2020 Q2	R2005387-017	309,234	5.46
OS-7D 2020 Q2	R2005387-018	304,605	5.46
OS-9 2020 Q2	R2005387-019	306,421	5.46
OS-9R 2020 Q2	R2005387-020	298,052	5.46
OS-6 2020 Q2MS	RQ2006751-05	321,857	5.46
OS-6 2020 Q2DMS	RQ2006751-06	318,694	5.46

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387
Date Analyzed: 6/25/20 21:50

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\062520\P36788.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2006781-02
Analysis Lot: 685079
Signal ID: 1

		Chlorobenzene-d5		1,4-Difluorobenzene		1,4-Dichlorobenzene-d4	
		<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>
Results ==>		445,170	9.80	494,718	6.53	233,735	11.83
Upper Limit ==>		890,340	9.97	989,436	6.70	467,470	12.00
Lower Limit ==>		222,585	9.63	247,359	6.36	116,868	11.66
ICAL Result ==>		459,285	9.80	505,126	6.53	233,728	11.83
Associated Analyses							
Lab Control Sample	RQ2006781-04	433,843	9.80	480,975	6.53	224,014	11.84
Method Blank	RQ2006781-05	414,242	9.80	477,901	6.54	204,852	11.84
TRIP BLANK-02 2020 Q2	R2005387-028	420,554	9.80	476,387	6.54	205,521	11.84
OS-11R 2020 Q2	R2005387-021	400,256	9.80	454,685	6.54	198,015	11.84
OS-11D 20120 Q2	R2005387-022	413,707	9.80	461,549	6.53	202,591	11.84
OS-12R 2020 Q2	R2005387-023	405,193	9.80	468,412	6.53	199,116	11.84
OS-15R 2020 Q2	R2005387-024	422,460	9.80	469,936	6.53	205,424	11.84
OS-15D 2020 Q2	R2005387-025	418,523	9.80	474,017	6.53	209,086	11.83
DUP-02 2020 Q2	R2005387-026	428,156	9.80	476,773	6.53	208,137	11.84
MW-12 2020 Q2	R2005387-003	403,497	9.80	452,907	6.53	202,154	11.84
PW-2 2020 Q2	R2005387-007	411,505	9.80	464,712	6.53	201,969	11.83

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00

Service Request: R2005387
Date Analyzed: 6/25/20 21:50

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\062520\P36788.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2006781-02
Analysis Lot: 685079
Signal ID: 1

		Pentafluorobenzene	
		<u>Area</u>	<u>RT</u>
Results ==>		317,061	5.45
Upper Limit ==>		634,122	5.62
Lower Limit ==>		158,531	5.28
ICAL Result ==>		324,427	5.46
Associated Analyses			
Lab Control Sample	RQ2006781-04	307,077	5.46
Method Blank	RQ2006781-05	300,069	5.47
TRIP BLANK-02 2020 Q2	R2005387-028	299,727	5.46
OS-11R 2020 Q2	R2005387-021	289,990	5.47
OS-11D 20120 Q2	R2005387-022	294,664	5.46
OS-12R 2020 Q2	R2005387-023	294,613	5.46
OS-15R 2020 Q2	R2005387-024	297,813	5.45
OS-15D 2020 Q2	R2005387-025	305,485	5.46
DUP-02 2020 Q2	R2005387-026	307,548	5.46
MW-12 2020 Q2	R2005387-003	293,905	5.46
PW-2 2020 Q2	R2005387-007	299,217	5.46

Results flagged with an asterisk (*) indicate values outside control criteria.



Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387

SURROGATE RECOVERY SUMMARY
Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Extraction Method: EPA 3510C

Sample Name	Lab Code	o-Terphenyl
		18-152
W-2 2020 Q2	R2005387-001	120
MW-12 2020 Q2	R2005387-003	86
MW-13 2020 Q2	R2005387-004	76
PW-2 2020 Q2	R2005387-007	114
DUP-01 2020 Q2	R2005387-009	91
EB-01 2020 Q2	R2005387-010	123
Method Blank	RQ2006885-01	109
Lab Control Sample	RQ2006885-02	113
Duplicate Lab Control Sample	RQ2006885-03	107

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2006885-01

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	100 U	100	1	07/01/20 15:35	6/29/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	109	18 - 152	07/01/20 15:35	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q2)/461-06-00
Sample Matrix: Water

Service Request: R2005387
Date Analyzed: 07/01/20

Duplicate Lab Control Sample Summary
Hydrocarbon Scan by GC-FID

Units:ug/L
Basis:NA

Lab Control Sample					Duplicate Lab Control Sample					
RQ2006885-02					RQ2006885-03					
Analyte Name	Analytical Method	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Mineral Spirits	8015C	258	500	52	216	500	43	10-136	18	30



BERGMANN
ARCHITECTS ENGINEERS PLANNERS

THIRD QUARTER

LABORATORY ANALYTICAL REPORT



September 15, 2020

Service Request No:R2008205

Missy Bessey
Xerox Corporation USA
800 Phillips Road
Bldg #205-99F
Webster, NY 14580

Laboratory Results for: Xerox - Blauvelt Wells Q3

Dear Missy,

Enclosed are the results of the sample(s) submitted to our laboratory September 04, 2020
For your reference, these analyses have been assigned our service request number **R2008205**.

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

CC: Janice Szucs

ADDRESS

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

PHONE +1 585 288 5380 | **FAX** +1 585 288 8475

ALS Group USA, Corp.
dba ALS Environmental



Narrative Documents

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com



Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Received: 09/04/2020

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Twenty eight water samples were received for analysis at ALS Environmental on 09/04/2020. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatile GC:

No significant anomalies were noted with this analysis.

Volatiles by GC/MS:

Method 8260C, 09/08/2020: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Method 8260C, 09/09/2020: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Approved by

A handwritten signature in black ink, appearing to read "Meghan Peduto".

Date

09/15/2020

ALS Group USA, Corp. dba ALS Environmental

Total Target Volatiles Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Analytical Method: 8260C

Service Request: R2008205
Date Reported: 9/16/20
Units: µg/L

Client Sample ID	Total Target Volatiles
W-2 2020 Q3	11.0
U-6D 2020 Q3	ND
MW-12 2020 Q3	16000.0
MW-13 2020 Q3	8.1
OW-1 2020 Q3	10.0
OW-2 2020 Q3	107.7
PW-2 2020 Q3	2900.0
RI-6 2020 Q3	ND
DUP-01 2020 Q3	2900.0
EB-01 2020 Q3	ND
TRIP BLANK-01 2020 Q3	ND
OS-2R 2020 Q3	155.4
OS-5R 2020 Q3	61.0
OS-5D 2020 Q3	28.0
OS-6 2020 Q3	32.0
OS-6R 2020 Q3	65.4
OS-7R 2020 Q3	12.0
OS-7D 2020 Q3	ND
OS-9 2020 Q3	8.9
OS-9R 2020 Q3	ND
OS-11R 2020 Q3	ND
OS-11D 2020 Q3	27.0
OS-12R 2020 Q3	ND
OS-15R 2020 Q3	5.4
OS-15D 2020 Q3	ND
DUP-02 2020 Q3	8.8
TRIP BLANK-02 2020 Q3	ND

SAMPLE DETECTION SUMMARY

CLIENT ID: W-2 2020 Q3	Lab ID: R2008205-001

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	11			5.0	ug/L	8260C
Total Target Volatiles (TTV)	11.0			5.0	ug/L	8260C

CLIENT ID: MW-12 2020 Q3	Lab ID: R2008205-003

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	16000			500	ug/L	8260C
Total Target Volatiles (TTV)	16000.0			500.0	ug/L	8260C

CLIENT ID: MW-13 2020 Q3	Lab ID: R2008205-004

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	8.1			5.0	ug/L	8260C
Total Target Volatiles (TTV)	8.1			5.0	ug/L	8260C

CLIENT ID: OW-1 2020 Q3	Lab ID: R2008205-005

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	10			5.0	ug/L	8260C
Total Target Volatiles (TTV)	10.0			5.0	ug/L	8260C

CLIENT ID: OW-2 2020 Q3	Lab ID: R2008205-006

Analyte	Results	Flag	MDL	MRL	Units	Method
1,1-Dichloroethane (1,1-DCA)	6.1			5.0	ug/L	8260C
cis-1,2-Dichloroethene	94			5.0	ug/L	8260C
Vinyl Chloride	7.6			5.0	ug/L	8260C
Total Target Volatiles (TTV)	107.7			5.0	ug/L	8260C

CLIENT ID: PW-2 2020 Q3	Lab ID: R2008205-007

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	2900			130	ug/L	8260C
Total Target Volatiles (TTV)	2900.0			125.0	ug/L	8260C

CLIENT ID: DUP-01 2020 Q3	Lab ID: R2008205-009

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	2900			130	ug/L	8260C
Total Target Volatiles (TTV)	2900.0			125.0	ug/L	8260C

CLIENT ID: OS-2R 2020 Q3	Lab ID: R2008205-012

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	150			5.0	ug/L	8260C
Tetrachloroethene (PCE)	5.4			5.0	ug/L	8260C
Total Target Volatiles (TTV)	155.4			5.0	ug/L	8260C

CLIENT ID: OS-5R 2020 Q3	Lab ID: R2008205-013

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	61			5.0	ug/L	8260C
Total Target Volatiles (TTV)	61.0			5.0	ug/L	8260C

SAMPLE DETECTION SUMMARY

CLIENT ID: OS-5D 2020 Q3				Lab ID: R2008205-014			
Analyte	Results	Flag	MDL	MRL	Units	Method	
cis-1,2-Dichloroethene	28			5.0	ug/L	8260C	
Total Target Volatiles (TTV)	28.0			5.0	ug/L	8260C	

CLIENT ID: OS-6 2020 Q3				Lab ID: R2008205-015			
Analyte	Results	Flag	MDL	MRL	Units	Method	
cis-1,2-Dichloroethene	32			5.0	ug/L	8260C	
Total Target Volatiles (TTV)	32.0			5.0	ug/L	8260C	

CLIENT ID: OS-6R 2020 Q3				Lab ID: R2008205-016			
Analyte	Results	Flag	MDL	MRL	Units	Method	
cis-1,2-Dichloroethene	42			5.0	ug/L	8260C	
Tetrachloroethene (PCE)	14			5.0	ug/L	8260C	
Trichloroethene (TCE)	9.4			5.0	ug/L	8260C	
Total Target Volatiles (TTV)	65.4			5.0	ug/L	8260C	

CLIENT ID: OS-7R 2020 Q3				Lab ID: R2008205-017			
Analyte	Results	Flag	MDL	MRL	Units	Method	
cis-1,2-Dichloroethene	12			5.0	ug/L	8260C	
Total Target Volatiles (TTV)	12.0			5.0	ug/L	8260C	

CLIENT ID: OS-9 2020 Q3				Lab ID: R2008205-019			
Analyte	Results	Flag	MDL	MRL	Units	Method	
cis-1,2-Dichloroethene	8.9			5.0	ug/L	8260C	
Total Target Volatiles (TTV)	8.9			5.0	ug/L	8260C	

CLIENT ID: OS-11D 2020 Q3				Lab ID: R2008205-022			
Analyte	Results	Flag	MDL	MRL	Units	Method	
cis-1,2-Dichloroethene	27			5.0	ug/L	8260C	
Total Target Volatiles (TTV)	27.0			5.0	ug/L	8260C	

CLIENT ID: OS-15R 2020 Q3				Lab ID: R2008205-024			
Analyte	Results	Flag	MDL	MRL	Units	Method	
cis-1,2-Dichloroethene	5.4			5.0	ug/L	8260C	
Total Target Volatiles (TTV)	5.4			5.0	ug/L	8260C	

CLIENT ID: DUP-02 2020 Q3				Lab ID: R2008205-026			
Analyte	Results	Flag	MDL	MRL	Units	Method	
cis-1,2-Dichloroethene	8.8			5.0	ug/L	8260C	
Total Target Volatiles (TTV)	8.8			5.0	ug/L	8260C	



Sample Receipt Information

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3

Service Request:R2008205

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2008205-001	W-2 2020 Q3	9/3/2020	1015
R2008205-002	U-6D 2020 Q3	9/3/2020	0745
R2008205-003	MW-12 2020 Q3	9/3/2020	1030
R2008205-004	MW-13 2020 Q3	9/3/2020	1000
R2008205-005	OW-1 2020 Q3	9/3/2020	0915
R2008205-006	OW-2 2020 Q3	9/3/2020	0935
R2008205-007	PW-2 2020 Q3	9/3/2020	1045
R2008205-008	RI-6 2020 Q3	9/3/2020	0815
R2008205-009	DUP-01 2020 Q3	9/3/2020	1050
R2008205-010	EB-01 2020 Q3	9/3/2020	0850
R2008205-011	TRIP BLANK-01 2020 Q3	9/2/2020	
R2008205-012	OS-2R 2020 Q3	9/2/2020	1335
R2008205-013	OS-5R 2020 Q3	9/2/2020	1015
R2008205-014	OS-5D 2020 Q3	9/2/2020	1240
R2008205-015	OS-6 2020 Q3	9/2/2020	0900
R2008205-016	OS-6R 2020 Q3	9/2/2020	0925
R2008205-017	OS-7R 2020 Q3	9/2/2020	1415
R2008205-018	OS-7D 2020 Q3	9/2/2020	1425
R2008205-019	OS-9 2020 Q3	9/2/2020	1515
R2008205-020	OS-9R 2020 Q3	9/2/2020	1455
R2008205-021	OS-11R 2020 Q3	9/2/2020	0815
R2008205-022	OS-11D 2020 Q3	9/2/2020	1150
R2008205-023	OS-12R 2020 Q3	9/2/2020	1050
R2008205-024	OS-15R 2020 Q3	9/2/2020	1615
R2008205-025	OS-15D 2020 Q3	9/2/2020	1545
R2008205-026	DUP-02 2020 Q3	9/2/2020	1520
R2008205-028	TRIP BLANK-02 2020 Q3	9/3/2020	



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

003558

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 3

Project Name Blauvelt-Xerox (Q3)		Project Number 461-06-00		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																			
Project Manager Lawrence F. Coddington (LFC)		Report CC		PRESERVATIVE																			
Company/Address GLW-Hydrogeology, P.C. 18 Bridge Street Montgomery, NY 12549		Email lcoddington@hvc-rr.com		NUMBER OF CONTAINERS																			
Phone # 845-457-9955		Sampler's Signature Lawrence F. Coddington		GC/MS VOAs • 8260 • 824 • CLP GC/MS SVOAs • 8270 • 825 GC VOAs • 8021 • 801/802 PESTICIDES • 8081 • 808 PCBs • 8082 • 808 METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below) 8015 12 Amber																			
Sampler's Printed Name Lawrence F. Coddington		Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____																					
REMARKS/ ALTERNATE DESCRIPTION																							
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE		TIME	MATRIX																		
MW-12	-003	9/3/20	10:30	GW	5	3																	
MW-13	-004	9/3/20	10:00	GW	5	3																	
W-2	-001	9/3/20	10:15	GW	5	3																	
PW-2	-007	9/3/20	10:45	GW	5	3																	
DR-01	-009	9/2/20	10:50	GW	5	3																	
EB-01	-010	9/3/20	8:50	GA	5	3																	
OW-1	-005	9/3/20	9:15	GW	3	3																	
OW-2	-006	9/3/20	9:35	GW	3	3																	
RS-6	-008	9/3/20	8:15	GW	3	3																	
V-6	-002	9/3/20	7:45	GW	3	3																	
OS-6*	-015	9/2/20	9:00	GW	6	6*																	
SPECIAL INSTRUCTIONS/COMMENTS Metals * OS-6 includes 3 VOAs for MS/MSD.						TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day ☒ Standard (10 business days-No Surcharge) REQUESTED REPORT DATE						REPORT REQUIREMENTS ☒ I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data Edata Yes ☒ No						INVOICE INFORMATION PO # BILL TO:					
STATE WHERE SAMPLES WERE COLLECTED Blauvelt, New York						RECEIVED BY						RECEIVED BY											
RELINQUISHED BY						RECEIVED BY						RELINQUISHED BY											
Signature Lawrence F. Coddington						Signature G. Esmay, UN						Signature											
Printed Name Lawrence F. Coddington						Printed Name G. Esmay, UN						Printed Name											
Firm GLW						Firm ALS						Firm											
Date/Time 9/3/20 16:00						Date/Time 9/4/20 09:40						Date/Time											



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

003559

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 2 OF 3

Project Name Blauvelt - Xerox (Q3)		Project Number 461-06-00		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																	
Project Manager Lawrence F. Coddington		Report CC		PRESERVATIVE																	
Company/Address GWJ - Hydrology, P.C.				NUMBER OF CONTAINERS GC/MS VOAs • 8260 • 824 • CLP GC/MS SVOCs • 8270 • 825 GC VOAs • 8021 • 801/802 PESTICIDES • 8081 • 808 PCBs • 8082 • 808 METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below)																	
18 Bridge Street																					
Montgomery, NY 12549																					
Phone # 845-452-9955		Email lcoddington@hvc-rr.com																			
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name Lawrence F. Coddington																			
REMARKS/ ALTERNATE DESCRIPTION				Preservative Key 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____																	
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE		TIME	MATRIX																
OS-6R	-016	9/2/20		9:25	GW	3	3														
OS-11R	-021	9/2/20		8:15	GW	3	3														
OS-11D	-622	9/2/20		11:50	GW	3	3														
OS-5R	-013	9/2/20		10:15	GW	3	3														
OS-5D	-014	9/2/20		12:40	GW	3	3														
OS-2R	-012	9/2/20		13:35	GW	3	3														
OS-7R	-017	9/2/20		14:15	GW	3	3														
OS-2D	-018	9/2/20		14:25	GW	3	3														
OS-9	-019	9/2/20		15:15	GW	3	3														
OS-9R	-620	9/2/20		14:55	GW	3	3														
DUP-02	-026	9/2/20		15:20	GW	3	3														
SPECIAL INSTRUCTIONS/COMMENTS Metals						TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) ____ 1 day ____ 2 day ____ 3 day ____ 4 day ____ 5 day ____ Standard (10 business days-No Surcharge) REQUESTED REPORT DATE <u>SID</u>						REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data Edata ____ Yes ____ No						INVOICE INFORMATION PO # BILL TO:			
See QAPP ☐																					
STATE WHERE SAMPLES WERE COLLECTED Blauvelt, New York																					
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY							
Signature <i>[Signature]</i>		Signature <i>[Signature]</i>		Signature		Signature		Signature		Signature		Signature		Signature							
Printed Name Lawrence F. Coddington		Printed Name Gregory O. Esmerlin		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name							
Firm GWJ - Hydrology, P.C.		Firm ALS		Firm		Firm		Firm		Firm		Firm		Firm							
Date/Time 9/3/20 16:00		Date/Time 9/4/20 09:40		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time							

R2008205

Xerox Corporation USA
Xerox - Blauvelt Wells Q3



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CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

003560

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 3 OF 3

Project Name Blauvelt - Xerox (Q3)		Project Number 461-06-02		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																	
Project Manager Lawrence F. Coddington		Report CC		PRESERVATIVE																	
Company/Address GWJ-Hydrogeology, P.C. 18 Bridge Street Monticello, NY 12549		Email lcoddington@hvc.com		NUMBER OF CONTAINERS																	
Phone # 845-457-9955		Sender's Signature Lawrence F. Coddington		PRESERVATIVE KEY 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____																	
Sampler's Signature Lawrence F. Coddington		Sender's Printed Name Lawrence F. Coddington		REMARKS/ ALTERNATE DESCRIPTION																	
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	SAMPLING DATE		TIME	MATRIX																
OS-12R	-023	9/2/20		10:50	GW	3	3														
OS-15R	-024	9/2/20		16:15	GW	3	3														
OS-15D	-025	9/2/20		15:45	GW	3	3														
TRIP-01	-011	-		-	TRIP BLK	3	3														
TRIP-02	-028	-		-	TRIP BLK	3	3														
SPECIAL INSTRUCTIONS/COMMENTS Metals						TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day Standard (10 business days-No Surcharge) REQUESTED REPORT DATE STD						REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data Edata Yes No						INVOICE INFORMATION PO # BILL TO:			
See QAPP ☐																					
STATE WHERE SAMPLES WERE COLLECTED Blauvelt, New York																					
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY							
Signature Lawrence F. Coddington		Signature Grayson J. Esmerlan		Signature		Signature		Signature		Signature		Signature		Signature							
Printed Name Lawrence F. Coddington		Printed Name Grayson J. Esmerlan		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name		Printed Name							
Firm GWJ-Hydrogeology, P.C.		Firm ALS		Firm		Firm		Firm		Firm		Firm		Firm							
Date/Time 9/3/20 16:00		Date/Time 9/4/20 09:40		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time		Date/Time							

R2008205

5

Xerox Corporation USA
Xerox - Blauvelt Wells Q3

Cooler Receipt and Preservation Check Form

Project/Client

GWI

Folder Number

Cooler received on

9-4-2020

by

HE/62

COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	Y	N
2	Custody papers properly completed (ink, signed)?	Y	N
3	Did all bottles arrive in good condition (unbroken)?	Y	N
4	Circle: Wet Ice Dry Ice Gel packs present?	Y	N

5a	Perchlorate samples have required headspace?	Y	N	NA
5b	Did VOA vials, Alk, or Sulfide have sig* bubbles?	Y	N	NA
6	Where did the bottles originate?	ALS/ROE	CLIENT	
7	Soil VOA received as:	Bulk	Encore	5035set NA

8. Temperature Readings

Date: 9-4-2020

Time: 10:10

ID: IR#7 IR#10

From: Temp Blank Sample Bottle

Observed Temp (°C)	12.6	11.5					
Within 0-6°C?	Y	N	Y	N	Y	N	Y
If <0°C, were samples frozen?	Y	N	Y	N	Y	N	Y

If out of Temperature, note packing/ice condition: Ice melted Poorly Packed (described below) * Same Day Rule

& Client Approval to Run Samples: Standing Approval Client aware at drop-off Client notified by:

All samples held in storage location: ROE by HE on 9-4-20 at 10:20
 5035 samples placed in storage location: by on at within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 9/8/2020 Time: 10:45 by: @

9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
 10. Did all bottle labels and tags agree with custody papers? YES NO
 11. Were correct containers used for the tests indicated? YES NO
 12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO
 13. Air Samples: Cassettes / Tubes Intact with MS? Canisters Pressurized Tedlar® Bags Inflated NA NA

pH	Lot of test paper	Reagent	Preserved?	Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH	Yes No						
≤2		HNO ₃							
≤2		H ₂ SO ₄							
<4		NaHSO ₄							
5-9		For 608pest		No=Notify for 3 day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522		If +, contact PM to add Na ₂ S ₂ O ₃ (625, 608, CN), ascorbic (phenol).					
		Na ₂ S ₂ O ₃							
		ZnAcetate	- -						
		HCl	** **						

**VOAs and 1664 Not to be tested before analysis.
 Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 060820-1BLT, 0-132-001

Explain all Discrepancies/ Other Comments:

* Dup-02: 1 of 3 vials
 Trip Blank: 2 of 3 vials

* Ice bags placed on top of vial sets and amber bottles. Ice was only touching the tops of the bubble bags they were in.

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: @

PC Secondary Review: HW

*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OW-1	Project Location	Blauvelt - Xerox	Sample Date/Time	9/3/20 9:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	13.98	☒ From inner casing	☐ From protective casing		
Bottom Depth	35.33	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.42	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	11.0	Well Volumes		3.22	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30.0				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.93	pH (SU)	pH (SU)		
temp @	14.92	temp @	temp @		
Cond (us/cm)	824	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	19.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.29	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-41.4	eH/ORP	eH/ORP		
Comments/Remarks	Clear, No odor, No sheen.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OW-2	Project Location	Blauvelt - Xerox	Sample Date/Time	9/3/20 9:35 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.06	☒ From inner casing	☐ From protective casing		
Bottom Depth	32.85	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.33	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	10.5	Well Volumes		3.16	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30.0				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.42	pH (SU)	pH (SU)		
temp @	14.81	temp @	temp @		
Cond (us/cm)	1,068	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	20.5	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	3.37	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	4.2	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	PW-2/DUP-01	Project Location	Blauvelt - Xerox	Sample Date/Time	9/3/20 10:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	3"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.60	☐ From inner casing	☒ From protective casing		
Bottom Depth	20.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.37	Water Volume in Well (in gallons)		2.83	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	1 bails/gal	Number of Bails			
Volume Purged (gal)	11.0	Well Volumes		3.89	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☒ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~18				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.24	pH (SU)	pH (SU)		
temp @	17.28	temp @	temp @		
Cond (us/cm)	944	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	59.2	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	2.96	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-51.7	eH/ORP	eH/ORP		
Comments/Remarks	Iron color, no odor, no sheen, turbid				
	DUP-01 collected at 10:50 (8260 & 8015)				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	W-2	Project Location	Blauvelt - Xerox	Sample Date/Time	9/3/20 10:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	8.61	☐ From inner casing	☒ From protective casing		
Bottom Depth	13.98	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.86	
Well Condition	OK				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	1.25	Well Volumes		1.45	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~13.5				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.72	pH (SU)	pH (SU)		
temp @	17.39	temp @	temp @		
Cond (us/cm)	444	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	12.9	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	2.66	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-110.4	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	MW-12	Project Location	Blauvelt - Xerox	Sample Date/Time	9/3/20 10:30 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	10.97	☒ From inner casing	☐ From protective casing		
Bottom Depth	14.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.56	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	1.5	Well Volumes		2.69	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~10'				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.15	pH (SU)	pH (SU)		
temp @	17.98	temp @	temp @		
Cond (us/cm)	1,127	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	22.5	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.85	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	31.4	eH/ORP	eH/ORP		
Comments/Remarks	Allowed to recover clear, no odor, no sheen.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	MW-13	Project Location	Blauvelt - Xerox	Sample Date/Time	9/3/20 10:00 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's to 80's in AM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	15.11	☒ From inner casing	☐ From protective casing		
Bottom Depth	15.60	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.08	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	4 bails/gal	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	0.75	Well Volumes		9.57	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~12'				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	-	pH (SU)	pH (SU)		
temp @	-	temp @	temp @		
Cond (us/cm)	-	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	50.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	-	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-	eH/ORP	eH/ORP		
Comments/Remarks	turbid, floaters, suspended organic debris (Fe bacteria)				
	no odor, no sheen; no field readings due to low volume except for turbidity.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	RI-6	Project Location	Blauvelt - Xerox	Sample Date/Time	9/3/20 8:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.99	☒ From inner casing	☐ From protective casing		
Bottom Depth	23.55	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		1.69	
Well Condition	Poor				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	5.50	Well Volumes		3.26	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.42	pH (SU)	pH (SU)		
temp @	17.70	temp @	temp @		
Cond (us/cm)	735	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	13.6	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	2.77	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	50.6	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	U6-D	Project Location	Blauvelt - Xerox	Sample Date/Time	9/3/20 7:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny, Calm- Temp in 70's in AM, 90's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	8.47	☐ From inner casing	☒ From protective casing		
Bottom Depth	26.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		2.84	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	5.0	Well Volumes		1.76	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.81	pH (SU)		pH (SU)	
temp @	13.73	temp @		temp @	
Cond (us/cm)	669	Cond (us/cm)		Cond (us/cm)	
Turb (NTU)	5.36	Turb (NTU)		Turb (NTU)	
Diss. O2 (mg/l)	5.84	Diss. O2 (mg/l)		Diss. O2 (mg/l)	
eH/ORP	43.7	eH/ORP		eH/ORP	
Comments/Remarks	Clear, No odor, No sheen.				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-2R	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 1:35 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☒ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	19.82	☐ From inner casing	☐ From protective casing		
Bottom Depth	46.35	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.24	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	1 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	14.0	Well Volumes		3.30	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~45				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.9	pH (SU)	pH (SU)		
temp @	14.58	temp @	temp @		
Cond (us/cm)	792	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	2.45	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.26	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	62.7	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-5R	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 10:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.20	☐ From inner casing	☒ From protective casing		
Bottom Depth	37.85	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.10	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☐ No		
Pumping Rate		Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	13.00	Well Volumes		3.17	
Time Purge Complete		Well evacuated?		☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☐ No		
Metals field filtered?		☐ Yes	☐ No		
Depth of sample (ft.)	~25'				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.55	pH (SU)	pH (SU)		
temp @	14.23	temp @	temp @		
Cond (us/cm)	793	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	3.76	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.03	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	46.2	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-5D	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 12:40 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	16.95	☒ From inner casing	☐ From protective casing		
Bottom Depth	74.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		37.38	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 gpm	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	120.0	Well Volumes		3.21	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~70				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.89	pH (SU)	pH (SU)		
temp @	14.10	temp @	temp @		
Cond (us/cm)	678	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	2.65	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.77	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	55.1	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-6	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 9:00 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	13.65	☒ From inner casing	☐ From protective casing		
Bottom Depth	23.65	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		1.60	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	5.50	Well Volumes		3.44	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.6	pH (SU)	pH (SU)		
temp @	13.84	temp @	temp @		
Cond (us/cm)	756	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	190.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.42	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	62.1	eH/ORP	eH/ORP		
Comments/Remarks	Turbid (orange), no odor, no sheen				
	6 VOAs total including 3 VOAs for QA/QC (MS/MSD)				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-6R	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 9:25 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	15.56	☒ From inner casing	☐ From protective casing		
Bottom Depth	43.3	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.44	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	6.0	Well Volumes		1.35	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Submersible	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~35				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.58	pH (SU)	pH (SU)		
temp @	13.00	temp @	temp @		
Cond (us/cm)	756	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	213.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.65	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	44.2	eH/ORP	eH/ORP		
Comments/Remarks	Clear to slightly turbid (orange color), no odor, no sheen; minor Fe bacteria particles in sample				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-7R	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 2:15 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	14.49	☒ From inner casing	☐ From protective casing		
Bottom Depth	36.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.51	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	11.0	Well Volumes		3.13	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.98	pH (SU)	pH (SU)		
temp @	15.71	temp @	temp @		
Cond (us/cm)	872	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	10.1	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.21	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	58.5	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-7D	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 2:25 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.32	☒ From inner casing	☐ From protective casing		
Bottom Depth	68.00	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		36.19	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 gpm	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	120.0	Well Volumes		3.32	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☒ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~65				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.75	pH (SU)	pH (SU)		
temp @	13.46	temp @	temp @		
Cond (us/cm)	722	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	2.09	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.79	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	54.0	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-9/DUP-02	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 3:15 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	5.56	☒ From inner casing	☐ From protective casing		
Bottom Depth	20.50	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		2.39	
Well Condition	Poor				

MONITORING WELL PURGE DATA					
☐ Submersible	☒ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☐ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	0.25 gpm	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	7.5	Well Volumes		3.14	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Peristaltic pump	☐ Hand corer	☒ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☒ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes ☒ No			
Metals field filtered?		☐ Yes ☒ No			
Depth of sample (ft.)	~19				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	9.42	pH (SU)	pH (SU)		
temp @	17.33	temp @	temp @		
Cond (us/cm)	816	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	3.18	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.18	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	32.6	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				
	Duplicate (DUP-02) collected at 15:20				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-9R	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 2:55 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	37.78	☒ From inner casing	☐ From protective casing		
Bottom Depth	43.80	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.96	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	1.50	Well Volumes		1.56	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☒ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~43				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	11.06	pH (SU)	pH (SU)		
temp @	15.73	temp @	temp @		
Cond (us/cm)	333	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	4.90	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	9.34	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-5.8	eH/ORP	eH/ORP		
Comments/Remarks	Evacuated after 1.5 gallon purge				
	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-11R	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 8:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	24.41	☒ From inner casing	☐ From protective casing		
Bottom Depth	44.80	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.26	
Well Condition	good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	10.5	Well Volumes		3.22	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~35				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.59	pH (SU)	pH (SU)		
temp @	11.87	temp @	temp @		
Cond (us/cm)	1,132	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	6.54	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	7.36	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	59.7	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-11D	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 11:50 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	23.95	☐ From inner casing	☐ From protective casing		
Bottom Depth	75.40	☐ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		33.44	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	120.0	Well Volumes		3.59	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~70				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	8.13	pH (SU)	pH (SU)		
temp @	12.91	temp @	temp @		
Cond (us/cm)	595	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	2.36	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.59	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	39.8	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-12R	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 10:50 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	11.41	☒ From inner casing	☐ From protective casing		
Bottom Depth	33.00	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.45	
Well Condition	good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal.	Number of Bails			
Volume Purged (gal)	5.5	Well Volumes		1.59	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~32				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.77	pH (SU)	pH (SU)		
temp @	15.36	temp @	temp @		
Cond (us/cm)	498	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	130.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.81	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	44.7	eH/ORP	eH/ORP		
Comments/Remarks	Turbid (orange color Fe bacteria), no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-15R	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 4:15 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	19.16	☒ From inner casing	☐ From protective casing		
Bottom Depth	49.40	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.84	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	1 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	15.0	Well Volumes		3.10	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~47				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.66	pH (SU)	pH (SU)		
temp @	14.76	temp @	temp @		
Cond (us/cm)	815	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.68	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.75	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	51.0	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-15D	Project Location	Blauvelt - Xerox	Sample Date/Time	9/2/20 3:45 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Overcast, Rain, Calm- Temp in 60's in AM, 70's in PM			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☒ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	14.02	☒ From inner casing	☐ From protective casing		
Bottom Depth	82.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		10.92	
Well Condition	good				

MONITORING WELL PURGE DATA					
☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☐ Poly bailer	☐ Teflon bailer	☒ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	2.0	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	36.0	Well Volumes		3.30	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~75				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	8.43	pH (SU)	pH (SU)		
temp @	15.43	temp @	temp @		
Cond (us/cm)	823	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.70	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.69	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	46.1	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

BLAUVELT-XEROX SITE
NYSDEC SITE NO. 3-044-021
BLAUVELT, ROCKLAND COUNTY, NEW YORK
QUARTERLY GROUNDWATER MONITORING PROGRAM
3rd QUARTER - SEPTEMBER 2020 SAMPLING EVENT

SUMMARY OF STATIC WATER LEVEL MEASUREMENTS

Monitoring Well ID	Static Water Level*	Comments
On-Site Groundwater Monitoring Wells		
W-2**	8.61	TOC (no inner casing)
MW-12	10.97	
MW-13	15.11	
PW-2**	12.60	TOC (no inner casing)
OW-1	13.98	
OW-2	12.06	
RI-6	12.99	
U-6D	8.47	
Off-Site Groundwater Monitoring Wells		
OS-2R	19.82	
OS-5R	12.20	
OS-5D	16.95	
OS-6	13.65	
OS-6R	15.56	
OS-7R	14.49	
OS-7D	12.32	
OS-9	5.56	Kinked at ~5.5.feet
OS-9R	37.78	
OS-11R	24.41	
OS-11D	23.95	
OS-12R	11.41	
OS-15R	19.16	
OS-15D	14.02	

Notes:

- * Static water levels were collected from the top of the inner casing (TIC) except where noted.
- ** Static water levels were collected from the top of the outer steel casing (TOC).



Miscellaneous Forms

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.	+	Correlation coefficient for MSA is <0.995.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).	N	Inorganics- Matrix spike recovery was outside laboratory limits.
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.	N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.	S	Concentration has been determined using Method of Standard Additions (MSA).
E	Organics- Concentration has exceeded the calibration range for that specific analysis.	W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.	P	Concentration >40% difference between the two GC columns.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.	C	Confirmed by GC/MS
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.	Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (100% Difference between two GC columns).
#	Spike was diluted out.	X	See Case Narrative for discussion.
		MRL	Method Reporting Limit. Also known as:
		LOQ	Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
		MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
		LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
		ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.



Rochester Lab ID # for State Certifications¹

Connecticut ID # PH0556	Maine ID #NY0032	Pennsylvania ID# 68-786
Delaware Approved	New Hampshire ID # 2941	Rhode Island ID # 158
DoD ELAP #65817	New York ID # 10145	Virginia #460167
Florida ID # E87674	North Carolina #676	

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to <https://www.alsglobal.com/locations/americas/north-america/usa/new-york/rochester-environmental>

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3

Service Request: R2008205

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
8015C	Water	Mineral Spirits
8260C	Water	Total Target Volatiles (TTV)

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3/

Service Request: R2008205

Sample Name: W-2 2020 Q3
Lab Code: R2008205-001
Sample Matrix: Water

Date Collected: 09/3/20
Date Received: 09/4/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: U-6D 2020 Q3
Lab Code: R2008205-002
Sample Matrix: Water

Date Collected: 09/3/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: MW-12 2020 Q3
Lab Code: R2008205-003
Sample Matrix: Water

Date Collected: 09/3/20
Date Received: 09/4/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: MW-13 2020 Q3
Lab Code: R2008205-004
Sample Matrix: Water

Date Collected: 09/3/20
Date Received: 09/4/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3/

Service Request: R2008205

Sample Name: OW-1 2020 Q3
Lab Code: R2008205-005
Sample Matrix: Water

Date Collected: 09/3/20**Date Received:** 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OW-2 2020 Q3
Lab Code: R2008205-006
Sample Matrix: Water

Date Collected: 09/3/20**Date Received:** 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: PW-2 2020 Q3
Lab Code: R2008205-007
Sample Matrix: Water

Date Collected: 09/3/20**Date Received:** 09/4/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: RI-6 2020 Q3
Lab Code: R2008205-008
Sample Matrix: Water

Date Collected: 09/3/20**Date Received:** 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3/

Service Request: R2008205

Sample Name: DUP-01 2020 Q3
Lab Code: R2008205-009
Sample Matrix: Water

Date Collected: 09/3/20
Date Received: 09/4/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: EB-01 2020 Q3
Lab Code: R2008205-010
Sample Matrix: Water

Date Collected: 09/3/20
Date Received: 09/4/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: TRIP BLANK-01 2020 Q3
Lab Code: R2008205-011
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-2R 2020 Q3
Lab Code: R2008205-012
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3/

Service Request: R2008205

Sample Name: OS-5R 2020 Q3
Lab Code: R2008205-013
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-5D 2020 Q3
Lab Code: R2008205-014
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-6 2020 Q3
Lab Code: R2008205-015
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-6R 2020 Q3
Lab Code: R2008205-016
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-7R 2020 Q3
Lab Code: R2008205-017
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.

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Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3/

Service Request: R2008205

Sample Name: OS-7D 2020 Q3
Lab Code: R2008205-018
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-9 2020 Q3
Lab Code: R2008205-019
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-9R 2020 Q3
Lab Code: R2008205-020
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-11R 2020 Q3
Lab Code: R2008205-021
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-11D 2020 Q3
Lab Code: R2008205-022
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

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Analyst Summary report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3/

Service Request: R2008205

Sample Name: OS-12R 2020 Q3
Lab Code: R2008205-023
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-15R 2020 Q3
Lab Code: R2008205-024
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-15D 2020 Q3
Lab Code: R2008205-025
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: DUP-02 2020 Q3
Lab Code: R2008205-026
Sample Matrix: Water

Date Collected: 09/2/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: TRIP BLANK-02 2020 Q3
Lab Code: R2008205-028
Sample Matrix: Water

Date Collected: 09/3/20
Date Received: 09/4/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST



INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	



Sample Results

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Volatile Organic Compounds by GC/MS

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:15
Date Received: 09/04/20 09:40

Sample Name: W-2 2020 Q3
Lab Code: R2008205-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/08/20 23:42	
Bromodichloromethane	5.0 U	5.0	1	09/08/20 23:42	
Bromoform	5.0 U	5.0	1	09/08/20 23:42	
Bromomethane	5.0 U	5.0	1	09/08/20 23:42	
Carbon Tetrachloride	5.0 U	5.0	1	09/08/20 23:42	
Chlorobenzene	5.0 U	5.0	1	09/08/20 23:42	
Chloroethane	5.0 U	5.0	1	09/08/20 23:42	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/08/20 23:42	
Chloroform	5.0 U	5.0	1	09/08/20 23:42	
Chloromethane	5.0 U	5.0	1	09/08/20 23:42	
Dibromochloromethane	5.0 U	5.0	1	09/08/20 23:42	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/08/20 23:42	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/08/20 23:42	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/08/20 23:42	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/08/20 23:42	
1,2-Dichloroethane	5.0 U	5.0	1	09/08/20 23:42	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/08/20 23:42	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/08/20 23:42	
cis-1,2-Dichloroethene	11	5.0	1	09/08/20 23:42	
1,2-Dichloropropane	5.0 U	5.0	1	09/08/20 23:42	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/08/20 23:42	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/08/20 23:42	
Ethylbenzene	5.0 U	5.0	1	09/08/20 23:42	
Methylene Chloride	5.0 U	5.0	1	09/08/20 23:42	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/08/20 23:42	
Toluene	5.0 U	5.0	1	09/08/20 23:42	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/08/20 23:42	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/08/20 23:42	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/08/20 23:42	
Trichloroethene (TCE)	5.0 U	5.0	1	09/08/20 23:42	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/08/20 23:42	
Vinyl Chloride	5.0 U	5.0	1	09/08/20 23:42	
m,p-Xylenes	5.0 U	5.0	1	09/08/20 23:42	
o-Xylene	5.0 U	5.0	1	09/08/20 23:42	
Total Target Volatiles (TTV)	11.0	5.0	1	09/08/20 23:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:15
Date Received: 09/04/20 09:40

Sample Name: W-2 2020 Q3
Lab Code: R2008205-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	09/08/20 23:42	
Dibromofluoromethane	98	89 - 119	09/08/20 23:42	
Toluene-d8	101	87 - 121	09/08/20 23:42	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 07:45
Date Received: 09/04/20 09:40

Sample Name: U-6D 2020 Q3
Lab Code: R2008205-002

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 00:04	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 00:04	
Bromoform	5.0 U	5.0	1	09/09/20 00:04	
Bromomethane	5.0 U	5.0	1	09/09/20 00:04	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 00:04	
Chlorobenzene	5.0 U	5.0	1	09/09/20 00:04	
Chloroethane	5.0 U	5.0	1	09/09/20 00:04	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 00:04	
Chloroform	5.0 U	5.0	1	09/09/20 00:04	
Chloromethane	5.0 U	5.0	1	09/09/20 00:04	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 00:04	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 00:04	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 00:04	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 00:04	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 00:04	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 00:04	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 00:04	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 00:04	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 00:04	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 00:04	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 00:04	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 00:04	
Ethylbenzene	5.0 U	5.0	1	09/09/20 00:04	
Methylene Chloride	5.0 U	5.0	1	09/09/20 00:04	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 00:04	
Toluene	5.0 U	5.0	1	09/09/20 00:04	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 00:04	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 00:04	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 00:04	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 00:04	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 00:04	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 00:04	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 00:04	
o-Xylene	5.0 U	5.0	1	09/09/20 00:04	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/09/20 00:04	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 07:45
Date Received: 09/04/20 09:40

Sample Name: U-6D 2020 Q3
Lab Code: R2008205-002

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	09/09/20 00:04	
Dibromofluoromethane	98	89 - 119	09/09/20 00:04	
Toluene-d8	101	87 - 121	09/09/20 00:04	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:30
Date Received: 09/04/20 09:40

Sample Name: MW-12 2020 Q3
Lab Code: R2008205-003

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	500 U	500	100	09/09/20 15:30	
Bromodichloromethane	500 U	500	100	09/09/20 15:30	
Bromoform	500 U	500	100	09/09/20 15:30	
Bromomethane	500 U	500	100	09/09/20 15:30	
Carbon Tetrachloride	500 U	500	100	09/09/20 15:30	
Chlorobenzene	500 U	500	100	09/09/20 15:30	
Chloroethane	500 U	500	100	09/09/20 15:30	
2-Chloroethyl Vinyl Ether	500 U	500	100	09/09/20 15:30	
Chloroform	500 U	500	100	09/09/20 15:30	
Chloromethane	500 U	500	100	09/09/20 15:30	
Dibromochloromethane	500 U	500	100	09/09/20 15:30	
1,2-Dichlorobenzene	500 U	500	100	09/09/20 15:30	
1,3-Dichlorobenzene	500 U	500	100	09/09/20 15:30	
1,4-Dichlorobenzene	500 U	500	100	09/09/20 15:30	
1,1-Dichloroethane (1,1-DCA)	500 U	500	100	09/09/20 15:30	
1,2-Dichloroethane	500 U	500	100	09/09/20 15:30	
1,1-Dichloroethene (1,1-DCE)	500 U	500	100	09/09/20 15:30	
trans-1,2-Dichloroethene	500 U	500	100	09/09/20 15:30	
cis-1,2-Dichloroethene	16000	500	100	09/09/20 15:30	
1,2-Dichloropropane	500 U	500	100	09/09/20 15:30	
cis-1,3-Dichloropropene	500 U	500	100	09/09/20 15:30	
trans-1,3-Dichloropropene	500 U	500	100	09/09/20 15:30	
Ethylbenzene	500 U	500	100	09/09/20 15:30	
Methylene Chloride	500 U	500	100	09/09/20 15:30	
1,1,2,2-Tetrachloroethane	500 U	500	100	09/09/20 15:30	
Toluene	500 U	500	100	09/09/20 15:30	
1,1,1-Trichloroethane (TCA)	500 U	500	100	09/09/20 15:30	
1,1,2-Trichloroethane	500 U	500	100	09/09/20 15:30	
Tetrachloroethene (PCE)	500 U	500	100	09/09/20 15:30	
Trichloroethene (TCE)	500 U	500	100	09/09/20 15:30	
Trichlorofluoromethane (CFC 11)	500 U	500	100	09/09/20 15:30	
Vinyl Chloride	500 U	500	100	09/09/20 15:30	
m,p-Xylenes	500 U	500	100	09/09/20 15:30	
o-Xylene	500 U	500	100	09/09/20 15:30	
Total Target Volatiles (TTV)	16000.0	500.0	100	09/09/20 15:30	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:30
Date Received: 09/04/20 09:40

Sample Name: MW-12 2020 Q3
Lab Code: R2008205-003

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	09/09/20 15:30	
Dibromofluoromethane	93	89 - 119	09/09/20 15:30	
Toluene-d8	95	87 - 121	09/09/20 15:30	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:00
Date Received: 09/04/20 09:40

Sample Name: MW-13 2020 Q3
Lab Code: R2008205-004

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 15:52	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 15:52	
Bromoform	5.0 U	5.0	1	09/09/20 15:52	
Bromomethane	5.0 U	5.0	1	09/09/20 15:52	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 15:52	
Chlorobenzene	5.0 U	5.0	1	09/09/20 15:52	
Chloroethane	5.0 U	5.0	1	09/09/20 15:52	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 15:52	
Chloroform	5.0 U	5.0	1	09/09/20 15:52	
Chloromethane	5.0 U	5.0	1	09/09/20 15:52	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 15:52	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 15:52	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 15:52	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 15:52	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 15:52	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 15:52	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 15:52	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 15:52	
cis-1,2-Dichloroethene	8.1	5.0	1	09/09/20 15:52	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 15:52	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 15:52	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 15:52	
Ethylbenzene	5.0 U	5.0	1	09/09/20 15:52	
Methylene Chloride	5.0 U	5.0	1	09/09/20 15:52	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 15:52	
Toluene	5.0 U	5.0	1	09/09/20 15:52	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 15:52	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 15:52	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 15:52	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 15:52	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 15:52	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 15:52	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 15:52	
o-Xylene	5.0 U	5.0	1	09/09/20 15:52	
Total Target Volatiles (TTV)	8.1	5.0	1	09/09/20 15:52	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:00
Date Received: 09/04/20 09:40

Sample Name: MW-13 2020 Q3
Lab Code: R2008205-004

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	09/09/20 15:52	
Dibromofluoromethane	93	89 - 119	09/09/20 15:52	
Toluene-d8	98	87 - 121	09/09/20 15:52	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 09:15
Date Received: 09/04/20 09:40

Sample Name: OW-1 2020 Q3
Lab Code: R2008205-005

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 16:13	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 16:13	
Bromoform	5.0 U	5.0	1	09/09/20 16:13	
Bromomethane	5.0 U	5.0	1	09/09/20 16:13	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 16:13	
Chlorobenzene	5.0 U	5.0	1	09/09/20 16:13	
Chloroethane	5.0 U	5.0	1	09/09/20 16:13	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 16:13	
Chloroform	5.0 U	5.0	1	09/09/20 16:13	
Chloromethane	5.0 U	5.0	1	09/09/20 16:13	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 16:13	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 16:13	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 16:13	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 16:13	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 16:13	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 16:13	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 16:13	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 16:13	
cis-1,2-Dichloroethene	10	5.0	1	09/09/20 16:13	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 16:13	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 16:13	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 16:13	
Ethylbenzene	5.0 U	5.0	1	09/09/20 16:13	
Methylene Chloride	5.0 U	5.0	1	09/09/20 16:13	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 16:13	
Toluene	5.0 U	5.0	1	09/09/20 16:13	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 16:13	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 16:13	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 16:13	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 16:13	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 16:13	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 16:13	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 16:13	
o-Xylene	5.0 U	5.0	1	09/09/20 16:13	
Total Target Volatiles (TTV)	10.0	5.0	1	09/09/20 16:13	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 09:15
Date Received: 09/04/20 09:40

Sample Name: OW-1 2020 Q3
Lab Code: R2008205-005

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	09/09/20 16:13	
Dibromofluoromethane	92	89 - 119	09/09/20 16:13	
Toluene-d8	99	87 - 121	09/09/20 16:13	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 09:35
Date Received: 09/04/20 09:40

Sample Name: OW-2 2020 Q3
Lab Code: R2008205-006

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 16:35	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 16:35	
Bromoform	5.0 U	5.0	1	09/09/20 16:35	
Bromomethane	5.0 U	5.0	1	09/09/20 16:35	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 16:35	
Chlorobenzene	5.0 U	5.0	1	09/09/20 16:35	
Chloroethane	5.0 U	5.0	1	09/09/20 16:35	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 16:35	
Chloroform	5.0 U	5.0	1	09/09/20 16:35	
Chloromethane	5.0 U	5.0	1	09/09/20 16:35	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 16:35	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 16:35	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 16:35	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 16:35	
1,1-Dichloroethane (1,1-DCA)	6.1	5.0	1	09/09/20 16:35	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 16:35	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 16:35	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 16:35	
cis-1,2-Dichloroethene	94	5.0	1	09/09/20 16:35	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 16:35	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 16:35	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 16:35	
Ethylbenzene	5.0 U	5.0	1	09/09/20 16:35	
Methylene Chloride	5.0 U	5.0	1	09/09/20 16:35	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 16:35	
Toluene	5.0 U	5.0	1	09/09/20 16:35	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 16:35	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 16:35	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 16:35	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 16:35	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 16:35	
Vinyl Chloride	7.6	5.0	1	09/09/20 16:35	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 16:35	
o-Xylene	5.0 U	5.0	1	09/09/20 16:35	
Total Target Volatiles (TTV)	107.7	5.0	1	09/09/20 16:35	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 09:35
Date Received: 09/04/20 09:40

Sample Name: OW-2 2020 Q3
Lab Code: R2008205-006

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	09/09/20 16:35	
Dibromofluoromethane	92	89 - 119	09/09/20 16:35	
Toluene-d8	98	87 - 121	09/09/20 16:35	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:45
Date Received: 09/04/20 09:40

Sample Name: PW-2 2020 Q3
Lab Code: R2008205-007

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	130 U	130	25	09/09/20 14:46	
Bromodichloromethane	130 U	130	25	09/09/20 14:46	
Bromoform	130 U	130	25	09/09/20 14:46	
Bromomethane	130 U	130	25	09/09/20 14:46	
Carbon Tetrachloride	130 U	130	25	09/09/20 14:46	
Chlorobenzene	130 U	130	25	09/09/20 14:46	
Chloroethane	130 U	130	25	09/09/20 14:46	
2-Chloroethyl Vinyl Ether	130 U	130	25	09/09/20 14:46	
Chloroform	130 U	130	25	09/09/20 14:46	
Chloromethane	130 U	130	25	09/09/20 14:46	
Dibromochloromethane	130 U	130	25	09/09/20 14:46	
1,2-Dichlorobenzene	130 U	130	25	09/09/20 14:46	
1,3-Dichlorobenzene	130 U	130	25	09/09/20 14:46	
1,4-Dichlorobenzene	130 U	130	25	09/09/20 14:46	
1,1-Dichloroethane (1,1-DCA)	130 U	130	25	09/09/20 14:46	
1,2-Dichloroethane	130 U	130	25	09/09/20 14:46	
1,1-Dichloroethene (1,1-DCE)	130 U	130	25	09/09/20 14:46	
trans-1,2-Dichloroethene	130 U	130	25	09/09/20 14:46	
cis-1,2-Dichloroethene	2900	130	25	09/09/20 14:46	
1,2-Dichloropropane	130 U	130	25	09/09/20 14:46	
cis-1,3-Dichloropropene	130 U	130	25	09/09/20 14:46	
trans-1,3-Dichloropropene	130 U	130	25	09/09/20 14:46	
Ethylbenzene	130 U	130	25	09/09/20 14:46	
Methylene Chloride	130 U	130	25	09/09/20 14:46	
1,1,2,2-Tetrachloroethane	130 U	130	25	09/09/20 14:46	
Toluene	130 U	130	25	09/09/20 14:46	
1,1,1-Trichloroethane (TCA)	130 U	130	25	09/09/20 14:46	
1,1,2-Trichloroethane	130 U	130	25	09/09/20 14:46	
Tetrachloroethene (PCE)	130 U	130	25	09/09/20 14:46	
Trichloroethene (TCE)	130 U	130	25	09/09/20 14:46	
Trichlorofluoromethane (CFC 11)	130 U	130	25	09/09/20 14:46	
Vinyl Chloride	130 U	130	25	09/09/20 14:46	
m,p-Xylenes	130 U	130	25	09/09/20 14:46	
o-Xylene	130 U	130	25	09/09/20 14:46	
Total Target Volatiles (TTV)	2900.0	125.0	25	09/09/20 14:46	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:45
Date Received: 09/04/20 09:40

Sample Name: PW-2 2020 Q3
Lab Code: R2008205-007

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	09/09/20 14:46	
Dibromofluoromethane	95	89 - 119	09/09/20 14:46	
Toluene-d8	99	87 - 121	09/09/20 14:46	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 08:15
Date Received: 09/04/20 09:40

Sample Name: RI-6 2020 Q3
Lab Code: R2008205-008

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 16:57	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 16:57	
Bromoform	5.0 U	5.0	1	09/09/20 16:57	
Bromomethane	5.0 U	5.0	1	09/09/20 16:57	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 16:57	
Chlorobenzene	5.0 U	5.0	1	09/09/20 16:57	
Chloroethane	5.0 U	5.0	1	09/09/20 16:57	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 16:57	
Chloroform	5.0 U	5.0	1	09/09/20 16:57	
Chloromethane	5.0 U	5.0	1	09/09/20 16:57	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 16:57	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 16:57	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 16:57	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 16:57	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 16:57	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 16:57	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 16:57	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 16:57	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 16:57	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 16:57	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 16:57	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 16:57	
Ethylbenzene	5.0 U	5.0	1	09/09/20 16:57	
Methylene Chloride	5.0 U	5.0	1	09/09/20 16:57	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 16:57	
Toluene	5.0 U	5.0	1	09/09/20 16:57	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 16:57	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 16:57	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 16:57	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 16:57	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 16:57	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 16:57	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 16:57	
o-Xylene	5.0 U	5.0	1	09/09/20 16:57	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/09/20 16:57	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 08:15
Date Received: 09/04/20 09:40

Sample Name: RI-6 2020 Q3
Lab Code: R2008205-008

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	09/09/20 16:57	
Dibromofluoromethane	96	89 - 119	09/09/20 16:57	
Toluene-d8	101	87 - 121	09/09/20 16:57	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:50
Date Received: 09/04/20 09:40

Sample Name: DUP-01 2020 Q3
Lab Code: R2008205-009

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	130 U	130	25	09/09/20 15:08	
Bromodichloromethane	130 U	130	25	09/09/20 15:08	
Bromoform	130 U	130	25	09/09/20 15:08	
Bromomethane	130 U	130	25	09/09/20 15:08	
Carbon Tetrachloride	130 U	130	25	09/09/20 15:08	
Chlorobenzene	130 U	130	25	09/09/20 15:08	
Chloroethane	130 U	130	25	09/09/20 15:08	
2-Chloroethyl Vinyl Ether	130 U	130	25	09/09/20 15:08	
Chloroform	130 U	130	25	09/09/20 15:08	
Chloromethane	130 U	130	25	09/09/20 15:08	
Dibromochloromethane	130 U	130	25	09/09/20 15:08	
1,2-Dichlorobenzene	130 U	130	25	09/09/20 15:08	
1,3-Dichlorobenzene	130 U	130	25	09/09/20 15:08	
1,4-Dichlorobenzene	130 U	130	25	09/09/20 15:08	
1,1-Dichloroethane (1,1-DCA)	130 U	130	25	09/09/20 15:08	
1,2-Dichloroethane	130 U	130	25	09/09/20 15:08	
1,1-Dichloroethene (1,1-DCE)	130 U	130	25	09/09/20 15:08	
trans-1,2-Dichloroethene	130 U	130	25	09/09/20 15:08	
cis-1,2-Dichloroethene	2900	130	25	09/09/20 15:08	
1,2-Dichloropropane	130 U	130	25	09/09/20 15:08	
cis-1,3-Dichloropropene	130 U	130	25	09/09/20 15:08	
trans-1,3-Dichloropropene	130 U	130	25	09/09/20 15:08	
Ethylbenzene	130 U	130	25	09/09/20 15:08	
Methylene Chloride	130 U	130	25	09/09/20 15:08	
1,1,2,2-Tetrachloroethane	130 U	130	25	09/09/20 15:08	
Toluene	130 U	130	25	09/09/20 15:08	
1,1,1-Trichloroethane (TCA)	130 U	130	25	09/09/20 15:08	
1,1,2-Trichloroethane	130 U	130	25	09/09/20 15:08	
Tetrachloroethene (PCE)	130 U	130	25	09/09/20 15:08	
Trichloroethene (TCE)	130 U	130	25	09/09/20 15:08	
Trichlorofluoromethane (CFC 11)	130 U	130	25	09/09/20 15:08	
Vinyl Chloride	130 U	130	25	09/09/20 15:08	
m,p-Xylenes	130 U	130	25	09/09/20 15:08	
o-Xylene	130 U	130	25	09/09/20 15:08	
Total Target Volatiles (TTV)	2900.0	125.0	25	09/09/20 15:08	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:50
Date Received: 09/04/20 09:40

Sample Name: DUP-01 2020 Q3
Lab Code: R2008205-009

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	09/09/20 15:08	
Dibromofluoromethane	98	89 - 119	09/09/20 15:08	
Toluene-d8	102	87 - 121	09/09/20 15:08	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 08:50
Date Received: 09/04/20 09:40

Sample Name: EB-01 2020 Q3
Lab Code: R2008205-010

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/08/20 22:59	
Bromodichloromethane	5.0 U	5.0	1	09/08/20 22:59	
Bromoform	5.0 U	5.0	1	09/08/20 22:59	
Bromomethane	5.0 U	5.0	1	09/08/20 22:59	
Carbon Tetrachloride	5.0 U	5.0	1	09/08/20 22:59	
Chlorobenzene	5.0 U	5.0	1	09/08/20 22:59	
Chloroethane	5.0 U	5.0	1	09/08/20 22:59	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/08/20 22:59	
Chloroform	5.0 U	5.0	1	09/08/20 22:59	
Chloromethane	5.0 U	5.0	1	09/08/20 22:59	
Dibromochloromethane	5.0 U	5.0	1	09/08/20 22:59	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/08/20 22:59	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/08/20 22:59	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/08/20 22:59	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/08/20 22:59	
1,2-Dichloroethane	5.0 U	5.0	1	09/08/20 22:59	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/08/20 22:59	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/08/20 22:59	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/08/20 22:59	
1,2-Dichloropropane	5.0 U	5.0	1	09/08/20 22:59	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/08/20 22:59	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/08/20 22:59	
Ethylbenzene	5.0 U	5.0	1	09/08/20 22:59	
Methylene Chloride	5.0 U	5.0	1	09/08/20 22:59	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/08/20 22:59	
Toluene	5.0 U	5.0	1	09/08/20 22:59	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/08/20 22:59	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/08/20 22:59	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/08/20 22:59	
Trichloroethene (TCE)	5.0 U	5.0	1	09/08/20 22:59	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/08/20 22:59	
Vinyl Chloride	5.0 U	5.0	1	09/08/20 22:59	
m,p-Xylenes	5.0 U	5.0	1	09/08/20 22:59	
o-Xylene	5.0 U	5.0	1	09/08/20 22:59	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/08/20 22:59	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 08:50
Date Received: 09/04/20 09:40

Sample Name: EB-01 2020 Q3
Lab Code: R2008205-010

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	09/08/20 22:59	
Dibromofluoromethane	94	89 - 119	09/08/20 22:59	
Toluene-d8	97	87 - 121	09/08/20 22:59	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20
Date Received: 09/04/20 09:40

Sample Name: TRIP BLANK-01 2020 Q3
Lab Code: R2008205-011

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/08/20 23:20	
Bromodichloromethane	5.0 U	5.0	1	09/08/20 23:20	
Bromoform	5.0 U	5.0	1	09/08/20 23:20	
Bromomethane	5.0 U	5.0	1	09/08/20 23:20	
Carbon Tetrachloride	5.0 U	5.0	1	09/08/20 23:20	
Chlorobenzene	5.0 U	5.0	1	09/08/20 23:20	
Chloroethane	5.0 U	5.0	1	09/08/20 23:20	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/08/20 23:20	
Chloroform	5.0 U	5.0	1	09/08/20 23:20	
Chloromethane	5.0 U	5.0	1	09/08/20 23:20	
Dibromochloromethane	5.0 U	5.0	1	09/08/20 23:20	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/08/20 23:20	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/08/20 23:20	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/08/20 23:20	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/08/20 23:20	
1,2-Dichloroethane	5.0 U	5.0	1	09/08/20 23:20	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/08/20 23:20	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/08/20 23:20	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/08/20 23:20	
1,2-Dichloropropane	5.0 U	5.0	1	09/08/20 23:20	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/08/20 23:20	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/08/20 23:20	
Ethylbenzene	5.0 U	5.0	1	09/08/20 23:20	
Methylene Chloride	5.0 U	5.0	1	09/08/20 23:20	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/08/20 23:20	
Toluene	5.0 U	5.0	1	09/08/20 23:20	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/08/20 23:20	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/08/20 23:20	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/08/20 23:20	
Trichloroethene (TCE)	5.0 U	5.0	1	09/08/20 23:20	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/08/20 23:20	
Vinyl Chloride	5.0 U	5.0	1	09/08/20 23:20	
m,p-Xylenes	5.0 U	5.0	1	09/08/20 23:20	
o-Xylene	5.0 U	5.0	1	09/08/20 23:20	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/08/20 23:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20
Date Received: 09/04/20 09:40

Sample Name: TRIP BLANK-01 2020 Q3
Lab Code: R2008205-011

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	09/08/20 23:20	
Dibromofluoromethane	97	89 - 119	09/08/20 23:20	
Toluene-d8	100	87 - 121	09/08/20 23:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 13:35
Date Received: 09/04/20 09:40

Sample Name: OS-2R 2020 Q3
Lab Code: R2008205-012

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 00:26	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 00:26	
Bromoform	5.0 U	5.0	1	09/09/20 00:26	
Bromomethane	5.0 U	5.0	1	09/09/20 00:26	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 00:26	
Chlorobenzene	5.0 U	5.0	1	09/09/20 00:26	
Chloroethane	5.0 U	5.0	1	09/09/20 00:26	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 00:26	
Chloroform	5.0 U	5.0	1	09/09/20 00:26	
Chloromethane	5.0 U	5.0	1	09/09/20 00:26	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 00:26	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 00:26	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 00:26	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 00:26	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 00:26	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 00:26	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 00:26	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 00:26	
cis-1,2-Dichloroethene	150	5.0	1	09/09/20 00:26	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 00:26	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 00:26	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 00:26	
Ethylbenzene	5.0 U	5.0	1	09/09/20 00:26	
Methylene Chloride	5.0 U	5.0	1	09/09/20 00:26	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 00:26	
Toluene	5.0 U	5.0	1	09/09/20 00:26	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 00:26	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 00:26	
Tetrachloroethene (PCE)	5.4	5.0	1	09/09/20 00:26	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 00:26	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 00:26	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 00:26	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 00:26	
o-Xylene	5.0 U	5.0	1	09/09/20 00:26	
Total Target Volatiles (TTV)	155.4	5.0	1	09/09/20 00:26	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 13:35
Date Received: 09/04/20 09:40

Sample Name: OS-2R 2020 Q3
Lab Code: R2008205-012

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	09/09/20 00:26	
Dibromofluoromethane	94	89 - 119	09/09/20 00:26	
Toluene-d8	100	87 - 121	09/09/20 00:26	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 10:15
Date Received: 09/04/20 09:40

Sample Name: OS-5R 2020 Q3
Lab Code: R2008205-013

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 00:48	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 00:48	
Bromoform	5.0 U	5.0	1	09/09/20 00:48	
Bromomethane	5.0 U	5.0	1	09/09/20 00:48	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 00:48	
Chlorobenzene	5.0 U	5.0	1	09/09/20 00:48	
Chloroethane	5.0 U	5.0	1	09/09/20 00:48	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 00:48	
Chloroform	5.0 U	5.0	1	09/09/20 00:48	
Chloromethane	5.0 U	5.0	1	09/09/20 00:48	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 00:48	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 00:48	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 00:48	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 00:48	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 00:48	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 00:48	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 00:48	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 00:48	
cis-1,2-Dichloroethene	61	5.0	1	09/09/20 00:48	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 00:48	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 00:48	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 00:48	
Ethylbenzene	5.0 U	5.0	1	09/09/20 00:48	
Methylene Chloride	5.0 U	5.0	1	09/09/20 00:48	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 00:48	
Toluene	5.0 U	5.0	1	09/09/20 00:48	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 00:48	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 00:48	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 00:48	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 00:48	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 00:48	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 00:48	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 00:48	
o-Xylene	5.0 U	5.0	1	09/09/20 00:48	
Total Target Volatiles (TTV)	61.0	5.0	1	09/09/20 00:48	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 10:15
Date Received: 09/04/20 09:40

Sample Name: OS-5R 2020 Q3
Lab Code: R2008205-013

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	09/09/20 00:48	
Dibromofluoromethane	97	89 - 119	09/09/20 00:48	
Toluene-d8	100	87 - 121	09/09/20 00:48	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 12:40
Date Received: 09/04/20 09:40

Sample Name: OS-5D 2020 Q3
Lab Code: R2008205-014

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 01:10	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 01:10	
Bromoform	5.0 U	5.0	1	09/09/20 01:10	
Bromomethane	5.0 U	5.0	1	09/09/20 01:10	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 01:10	
Chlorobenzene	5.0 U	5.0	1	09/09/20 01:10	
Chloroethane	5.0 U	5.0	1	09/09/20 01:10	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 01:10	
Chloroform	5.0 U	5.0	1	09/09/20 01:10	
Chloromethane	5.0 U	5.0	1	09/09/20 01:10	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 01:10	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 01:10	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 01:10	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 01:10	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 01:10	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 01:10	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 01:10	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 01:10	
cis-1,2-Dichloroethene	28	5.0	1	09/09/20 01:10	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 01:10	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 01:10	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 01:10	
Ethylbenzene	5.0 U	5.0	1	09/09/20 01:10	
Methylene Chloride	5.0 U	5.0	1	09/09/20 01:10	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 01:10	
Toluene	5.0 U	5.0	1	09/09/20 01:10	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 01:10	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 01:10	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 01:10	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 01:10	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 01:10	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 01:10	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 01:10	
o-Xylene	5.0 U	5.0	1	09/09/20 01:10	
Total Target Volatiles (TTV)	28.0	5.0	1	09/09/20 01:10	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 12:40
Date Received: 09/04/20 09:40

Sample Name: OS-5D 2020 Q3
Lab Code: R2008205-014

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	09/09/20 01:10	
Dibromofluoromethane	94	89 - 119	09/09/20 01:10	
Toluene-d8	100	87 - 121	09/09/20 01:10	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 09:00
Date Received: 09/04/20 09:40

Sample Name: OS-6 2020 Q3
Lab Code: R2008205-015

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 05:31	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 05:31	
Bromoform	5.0 U	5.0	1	09/09/20 05:31	
Bromomethane	5.0 U	5.0	1	09/09/20 05:31	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 05:31	
Chlorobenzene	5.0 U	5.0	1	09/09/20 05:31	
Chloroethane	5.0 U	5.0	1	09/09/20 05:31	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 05:31	
Chloroform	5.0 U	5.0	1	09/09/20 05:31	
Chloromethane	5.0 U	5.0	1	09/09/20 05:31	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 05:31	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 05:31	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 05:31	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 05:31	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 05:31	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 05:31	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 05:31	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 05:31	
cis-1,2-Dichloroethene	32	5.0	1	09/09/20 05:31	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 05:31	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 05:31	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 05:31	
Ethylbenzene	5.0 U	5.0	1	09/09/20 05:31	
Methylene Chloride	5.0 U	5.0	1	09/09/20 05:31	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 05:31	
Toluene	5.0 U	5.0	1	09/09/20 05:31	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 05:31	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 05:31	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 05:31	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 05:31	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 05:31	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 05:31	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 05:31	
o-Xylene	5.0 U	5.0	1	09/09/20 05:31	
Total Target Volatiles (TTV)	32.0	5.0	1	09/09/20 05:31	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 09:00
Date Received: 09/04/20 09:40

Sample Name: OS-6 2020 Q3
Lab Code: R2008205-015

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	09/09/20 05:31	
Dibromofluoromethane	94	89 - 119	09/09/20 05:31	
Toluene-d8	101	87 - 121	09/09/20 05:31	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 09:25
Date Received: 09/04/20 09:40

Sample Name: OS-6R 2020 Q3
Lab Code: R2008205-016

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 01:31	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 01:31	
Bromoform	5.0 U	5.0	1	09/09/20 01:31	
Bromomethane	5.0 U	5.0	1	09/09/20 01:31	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 01:31	
Chlorobenzene	5.0 U	5.0	1	09/09/20 01:31	
Chloroethane	5.0 U	5.0	1	09/09/20 01:31	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 01:31	
Chloroform	5.0 U	5.0	1	09/09/20 01:31	
Chloromethane	5.0 U	5.0	1	09/09/20 01:31	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 01:31	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 01:31	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 01:31	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 01:31	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 01:31	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 01:31	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 01:31	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 01:31	
cis-1,2-Dichloroethene	42	5.0	1	09/09/20 01:31	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 01:31	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 01:31	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 01:31	
Ethylbenzene	5.0 U	5.0	1	09/09/20 01:31	
Methylene Chloride	5.0 U	5.0	1	09/09/20 01:31	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 01:31	
Toluene	5.0 U	5.0	1	09/09/20 01:31	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 01:31	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 01:31	
Tetrachloroethene (PCE)	14	5.0	1	09/09/20 01:31	
Trichloroethene (TCE)	9.4	5.0	1	09/09/20 01:31	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 01:31	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 01:31	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 01:31	
o-Xylene	5.0 U	5.0	1	09/09/20 01:31	
Total Target Volatiles (TTV)	65.4	5.0	1	09/09/20 01:31	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 09:25
Date Received: 09/04/20 09:40

Sample Name: OS-6R 2020 Q3
Lab Code: R2008205-016

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	09/09/20 01:31	
Dibromofluoromethane	94	89 - 119	09/09/20 01:31	
Toluene-d8	100	87 - 121	09/09/20 01:31	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 14:15
Date Received: 09/04/20 09:40

Sample Name: OS-7R 2020 Q3
Lab Code: R2008205-017

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 01:53	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 01:53	
Bromoform	5.0 U	5.0	1	09/09/20 01:53	
Bromomethane	5.0 U	5.0	1	09/09/20 01:53	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 01:53	
Chlorobenzene	5.0 U	5.0	1	09/09/20 01:53	
Chloroethane	5.0 U	5.0	1	09/09/20 01:53	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 01:53	
Chloroform	5.0 U	5.0	1	09/09/20 01:53	
Chloromethane	5.0 U	5.0	1	09/09/20 01:53	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 01:53	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 01:53	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 01:53	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 01:53	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 01:53	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 01:53	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 01:53	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 01:53	
cis-1,2-Dichloroethene	12	5.0	1	09/09/20 01:53	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 01:53	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 01:53	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 01:53	
Ethylbenzene	5.0 U	5.0	1	09/09/20 01:53	
Methylene Chloride	5.0 U	5.0	1	09/09/20 01:53	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 01:53	
Toluene	5.0 U	5.0	1	09/09/20 01:53	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 01:53	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 01:53	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 01:53	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 01:53	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 01:53	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 01:53	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 01:53	
o-Xylene	5.0 U	5.0	1	09/09/20 01:53	
Total Target Volatiles (TTV)	12.0	5.0	1	09/09/20 01:53	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 14:15
Date Received: 09/04/20 09:40

Sample Name: OS-7R 2020 Q3
Lab Code: R2008205-017

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	09/09/20 01:53	
Dibromofluoromethane	94	89 - 119	09/09/20 01:53	
Toluene-d8	97	87 - 121	09/09/20 01:53	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 14:25
Date Received: 09/04/20 09:40

Sample Name: OS-7D 2020 Q3
Lab Code: R2008205-018

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 02:15	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 02:15	
Bromoform	5.0 U	5.0	1	09/09/20 02:15	
Bromomethane	5.0 U	5.0	1	09/09/20 02:15	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 02:15	
Chlorobenzene	5.0 U	5.0	1	09/09/20 02:15	
Chloroethane	5.0 U	5.0	1	09/09/20 02:15	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 02:15	
Chloroform	5.0 U	5.0	1	09/09/20 02:15	
Chloromethane	5.0 U	5.0	1	09/09/20 02:15	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 02:15	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 02:15	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 02:15	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 02:15	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 02:15	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 02:15	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 02:15	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 02:15	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 02:15	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 02:15	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 02:15	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 02:15	
Ethylbenzene	5.0 U	5.0	1	09/09/20 02:15	
Methylene Chloride	5.0 U	5.0	1	09/09/20 02:15	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 02:15	
Toluene	5.0 U	5.0	1	09/09/20 02:15	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 02:15	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 02:15	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 02:15	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 02:15	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 02:15	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 02:15	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 02:15	
o-Xylene	5.0 U	5.0	1	09/09/20 02:15	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/09/20 02:15	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 14:25
Date Received: 09/04/20 09:40

Sample Name: OS-7D 2020 Q3
Lab Code: R2008205-018

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	09/09/20 02:15	
Dibromofluoromethane	93	89 - 119	09/09/20 02:15	
Toluene-d8	100	87 - 121	09/09/20 02:15	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 15:15
Date Received: 09/04/20 09:40

Sample Name: OS-9 2020 Q3
Lab Code: R2008205-019

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 02:37	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 02:37	
Bromoform	5.0 U	5.0	1	09/09/20 02:37	
Bromomethane	5.0 U	5.0	1	09/09/20 02:37	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 02:37	
Chlorobenzene	5.0 U	5.0	1	09/09/20 02:37	
Chloroethane	5.0 U	5.0	1	09/09/20 02:37	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 02:37	
Chloroform	5.0 U	5.0	1	09/09/20 02:37	
Chloromethane	5.0 U	5.0	1	09/09/20 02:37	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 02:37	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 02:37	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 02:37	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 02:37	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 02:37	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 02:37	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 02:37	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 02:37	
cis-1,2-Dichloroethene	8.9	5.0	1	09/09/20 02:37	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 02:37	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 02:37	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 02:37	
Ethylbenzene	5.0 U	5.0	1	09/09/20 02:37	
Methylene Chloride	5.0 U	5.0	1	09/09/20 02:37	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 02:37	
Toluene	5.0 U	5.0	1	09/09/20 02:37	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 02:37	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 02:37	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 02:37	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 02:37	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 02:37	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 02:37	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 02:37	
o-Xylene	5.0 U	5.0	1	09/09/20 02:37	
Total Target Volatiles (TTV)	8.9	5.0	1	09/09/20 02:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 15:15
Date Received: 09/04/20 09:40

Sample Name: OS-9 2020 Q3
Lab Code: R2008205-019

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	09/09/20 02:37	
Dibromofluoromethane	96	89 - 119	09/09/20 02:37	
Toluene-d8	100	87 - 121	09/09/20 02:37	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 14:55
Date Received: 09/04/20 09:40

Sample Name: OS-9R 2020 Q3
Lab Code: R2008205-020

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 02:59	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 02:59	
Bromoform	5.0 U	5.0	1	09/09/20 02:59	
Bromomethane	5.0 U	5.0	1	09/09/20 02:59	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 02:59	
Chlorobenzene	5.0 U	5.0	1	09/09/20 02:59	
Chloroethane	5.0 U	5.0	1	09/09/20 02:59	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 02:59	
Chloroform	5.0 U	5.0	1	09/09/20 02:59	
Chloromethane	5.0 U	5.0	1	09/09/20 02:59	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 02:59	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 02:59	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 02:59	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 02:59	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 02:59	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 02:59	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 02:59	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 02:59	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 02:59	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 02:59	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 02:59	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 02:59	
Ethylbenzene	5.0 U	5.0	1	09/09/20 02:59	
Methylene Chloride	5.0 U	5.0	1	09/09/20 02:59	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 02:59	
Toluene	5.0 U	5.0	1	09/09/20 02:59	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 02:59	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 02:59	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 02:59	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 02:59	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 02:59	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 02:59	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 02:59	
o-Xylene	5.0 U	5.0	1	09/09/20 02:59	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/09/20 02:59	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 14:55
Date Received: 09/04/20 09:40

Sample Name: OS-9R 2020 Q3
Lab Code: R2008205-020

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	09/09/20 02:59	
Dibromofluoromethane	92	89 - 119	09/09/20 02:59	
Toluene-d8	99	87 - 121	09/09/20 02:59	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 08:15
Date Received: 09/04/20 09:40

Sample Name: OS-11R 2020 Q3
Lab Code: R2008205-021

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 03:20	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 03:20	
Bromoform	5.0 U	5.0	1	09/09/20 03:20	
Bromomethane	5.0 U	5.0	1	09/09/20 03:20	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 03:20	
Chlorobenzene	5.0 U	5.0	1	09/09/20 03:20	
Chloroethane	5.0 U	5.0	1	09/09/20 03:20	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 03:20	
Chloroform	5.0 U	5.0	1	09/09/20 03:20	
Chloromethane	5.0 U	5.0	1	09/09/20 03:20	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 03:20	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 03:20	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 03:20	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 03:20	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 03:20	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 03:20	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 03:20	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 03:20	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 03:20	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 03:20	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 03:20	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 03:20	
Ethylbenzene	5.0 U	5.0	1	09/09/20 03:20	
Methylene Chloride	5.0 U	5.0	1	09/09/20 03:20	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 03:20	
Toluene	5.0 U	5.0	1	09/09/20 03:20	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 03:20	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 03:20	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 03:20	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 03:20	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 03:20	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 03:20	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 03:20	
o-Xylene	5.0 U	5.0	1	09/09/20 03:20	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/09/20 03:20	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 08:15
Date Received: 09/04/20 09:40

Sample Name: OS-11R 2020 Q3
Lab Code: R2008205-021

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	09/09/20 03:20	
Dibromofluoromethane	95	89 - 119	09/09/20 03:20	
Toluene-d8	100	87 - 121	09/09/20 03:20	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 11:50
Date Received: 09/04/20 09:40

Sample Name: OS-11D 2020 Q3
Lab Code: R2008205-022

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 03:42	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 03:42	
Bromoform	5.0 U	5.0	1	09/09/20 03:42	
Bromomethane	5.0 U	5.0	1	09/09/20 03:42	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 03:42	
Chlorobenzene	5.0 U	5.0	1	09/09/20 03:42	
Chloroethane	5.0 U	5.0	1	09/09/20 03:42	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 03:42	
Chloroform	5.0 U	5.0	1	09/09/20 03:42	
Chloromethane	5.0 U	5.0	1	09/09/20 03:42	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 03:42	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 03:42	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 03:42	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 03:42	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 03:42	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 03:42	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 03:42	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 03:42	
cis-1,2-Dichloroethene	27	5.0	1	09/09/20 03:42	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 03:42	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 03:42	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 03:42	
Ethylbenzene	5.0 U	5.0	1	09/09/20 03:42	
Methylene Chloride	5.0 U	5.0	1	09/09/20 03:42	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 03:42	
Toluene	5.0 U	5.0	1	09/09/20 03:42	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 03:42	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 03:42	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 03:42	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 03:42	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 03:42	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 03:42	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 03:42	
o-Xylene	5.0 U	5.0	1	09/09/20 03:42	
Total Target Volatiles (TTV)	27.0	5.0	1	09/09/20 03:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 11:50
Date Received: 09/04/20 09:40

Sample Name: OS-11D 2020 Q3
Lab Code: R2008205-022

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	09/09/20 03:42	
Dibromofluoromethane	92	89 - 119	09/09/20 03:42	
Toluene-d8	99	87 - 121	09/09/20 03:42	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 10:50
Date Received: 09/04/20 09:40

Sample Name: OS-12R 2020 Q3
Lab Code: R2008205-023

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 04:04	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 04:04	
Bromoform	5.0 U	5.0	1	09/09/20 04:04	
Bromomethane	5.0 U	5.0	1	09/09/20 04:04	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 04:04	
Chlorobenzene	5.0 U	5.0	1	09/09/20 04:04	
Chloroethane	5.0 U	5.0	1	09/09/20 04:04	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 04:04	
Chloroform	5.0 U	5.0	1	09/09/20 04:04	
Chloromethane	5.0 U	5.0	1	09/09/20 04:04	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 04:04	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 04:04	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 04:04	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 04:04	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 04:04	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 04:04	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 04:04	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 04:04	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 04:04	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 04:04	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 04:04	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 04:04	
Ethylbenzene	5.0 U	5.0	1	09/09/20 04:04	
Methylene Chloride	5.0 U	5.0	1	09/09/20 04:04	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 04:04	
Toluene	5.0 U	5.0	1	09/09/20 04:04	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 04:04	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 04:04	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 04:04	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 04:04	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 04:04	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 04:04	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 04:04	
o-Xylene	5.0 U	5.0	1	09/09/20 04:04	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/09/20 04:04	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 10:50
Date Received: 09/04/20 09:40

Sample Name: OS-12R 2020 Q3
Lab Code: R2008205-023

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	09/09/20 04:04	
Dibromofluoromethane	92	89 - 119	09/09/20 04:04	
Toluene-d8	98	87 - 121	09/09/20 04:04	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 16:15
Date Received: 09/04/20 09:40

Sample Name: OS-15R 2020 Q3
Lab Code: R2008205-024

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 04:26	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 04:26	
Bromoform	5.0 U	5.0	1	09/09/20 04:26	
Bromomethane	5.0 U	5.0	1	09/09/20 04:26	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 04:26	
Chlorobenzene	5.0 U	5.0	1	09/09/20 04:26	
Chloroethane	5.0 U	5.0	1	09/09/20 04:26	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 04:26	
Chloroform	5.0 U	5.0	1	09/09/20 04:26	
Chloromethane	5.0 U	5.0	1	09/09/20 04:26	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 04:26	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 04:26	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 04:26	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 04:26	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 04:26	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 04:26	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 04:26	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 04:26	
cis-1,2-Dichloroethene	5.4	5.0	1	09/09/20 04:26	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 04:26	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 04:26	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 04:26	
Ethylbenzene	5.0 U	5.0	1	09/09/20 04:26	
Methylene Chloride	5.0 U	5.0	1	09/09/20 04:26	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 04:26	
Toluene	5.0 U	5.0	1	09/09/20 04:26	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 04:26	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 04:26	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 04:26	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 04:26	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 04:26	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 04:26	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 04:26	
o-Xylene	5.0 U	5.0	1	09/09/20 04:26	
Total Target Volatiles (TTV)	5.4	5.0	1	09/09/20 04:26	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 16:15
Date Received: 09/04/20 09:40

Sample Name: OS-15R 2020 Q3
Lab Code: R2008205-024

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	09/09/20 04:26	
Dibromofluoromethane	94	89 - 119	09/09/20 04:26	
Toluene-d8	99	87 - 121	09/09/20 04:26	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 15:45
Date Received: 09/04/20 09:40

Sample Name: OS-15D 2020 Q3
Lab Code: R2008205-025

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 04:48	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 04:48	
Bromoform	5.0 U	5.0	1	09/09/20 04:48	
Bromomethane	5.0 U	5.0	1	09/09/20 04:48	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 04:48	
Chlorobenzene	5.0 U	5.0	1	09/09/20 04:48	
Chloroethane	5.0 U	5.0	1	09/09/20 04:48	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 04:48	
Chloroform	5.0 U	5.0	1	09/09/20 04:48	
Chloromethane	5.0 U	5.0	1	09/09/20 04:48	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 04:48	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 04:48	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 04:48	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 04:48	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 04:48	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 04:48	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 04:48	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 04:48	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 04:48	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 04:48	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 04:48	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 04:48	
Ethylbenzene	5.0 U	5.0	1	09/09/20 04:48	
Methylene Chloride	5.0 U	5.0	1	09/09/20 04:48	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 04:48	
Toluene	5.0 U	5.0	1	09/09/20 04:48	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 04:48	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 04:48	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 04:48	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 04:48	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 04:48	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 04:48	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 04:48	
o-Xylene	5.0 U	5.0	1	09/09/20 04:48	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/09/20 04:48	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 15:45
Date Received: 09/04/20 09:40

Sample Name: OS-15D 2020 Q3
Lab Code: R2008205-025

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	09/09/20 04:48	
Dibromofluoromethane	95	89 - 119	09/09/20 04:48	
Toluene-d8	101	87 - 121	09/09/20 04:48	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 15:20
Date Received: 09/04/20 09:40

Sample Name: DUP-02 2020 Q3
Lab Code: R2008205-026

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 05:10	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 05:10	
Bromoform	5.0 U	5.0	1	09/09/20 05:10	
Bromomethane	5.0 U	5.0	1	09/09/20 05:10	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 05:10	
Chlorobenzene	5.0 U	5.0	1	09/09/20 05:10	
Chloroethane	5.0 U	5.0	1	09/09/20 05:10	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 05:10	
Chloroform	5.0 U	5.0	1	09/09/20 05:10	
Chloromethane	5.0 U	5.0	1	09/09/20 05:10	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 05:10	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 05:10	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 05:10	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 05:10	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 05:10	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 05:10	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 05:10	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 05:10	
cis-1,2-Dichloroethene	8.8	5.0	1	09/09/20 05:10	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 05:10	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 05:10	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 05:10	
Ethylbenzene	5.0 U	5.0	1	09/09/20 05:10	
Methylene Chloride	5.0 U	5.0	1	09/09/20 05:10	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 05:10	
Toluene	5.0 U	5.0	1	09/09/20 05:10	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 05:10	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 05:10	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 05:10	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 05:10	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 05:10	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 05:10	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 05:10	
o-Xylene	5.0 U	5.0	1	09/09/20 05:10	
Total Target Volatiles (TTV)	8.8	5.0	1	09/09/20 05:10	

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dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20 15:20
Date Received: 09/04/20 09:40

Sample Name: DUP-02 2020 Q3
Lab Code: R2008205-026

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	09/09/20 05:10	
Dibromofluoromethane	95	89 - 119	09/09/20 05:10	
Toluene-d8	101	87 - 121	09/09/20 05:10	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20
Date Received: 09/04/20 09:40

Sample Name: TRIP BLANK-02 2020 Q3
Lab Code: R2008205-028

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/08/20 22:37	
Bromodichloromethane	5.0 U	5.0	1	09/08/20 22:37	
Bromoform	5.0 U	5.0	1	09/08/20 22:37	
Bromomethane	5.0 U	5.0	1	09/08/20 22:37	
Carbon Tetrachloride	5.0 U	5.0	1	09/08/20 22:37	
Chlorobenzene	5.0 U	5.0	1	09/08/20 22:37	
Chloroethane	5.0 U	5.0	1	09/08/20 22:37	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/08/20 22:37	
Chloroform	5.0 U	5.0	1	09/08/20 22:37	
Chloromethane	5.0 U	5.0	1	09/08/20 22:37	
Dibromochloromethane	5.0 U	5.0	1	09/08/20 22:37	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/08/20 22:37	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/08/20 22:37	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/08/20 22:37	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/08/20 22:37	
1,2-Dichloroethane	5.0 U	5.0	1	09/08/20 22:37	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/08/20 22:37	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/08/20 22:37	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/08/20 22:37	
1,2-Dichloropropane	5.0 U	5.0	1	09/08/20 22:37	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/08/20 22:37	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/08/20 22:37	
Ethylbenzene	5.0 U	5.0	1	09/08/20 22:37	
Methylene Chloride	5.0 U	5.0	1	09/08/20 22:37	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/08/20 22:37	
Toluene	5.0 U	5.0	1	09/08/20 22:37	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/08/20 22:37	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/08/20 22:37	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/08/20 22:37	
Trichloroethene (TCE)	5.0 U	5.0	1	09/08/20 22:37	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/08/20 22:37	
Vinyl Chloride	5.0 U	5.0	1	09/08/20 22:37	
m,p-Xylenes	5.0 U	5.0	1	09/08/20 22:37	
o-Xylene	5.0 U	5.0	1	09/08/20 22:37	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/08/20 22:37	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20
Date Received: 09/04/20 09:40

Sample Name: TRIP BLANK-02 2020 Q3
Lab Code: R2008205-028

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	09/08/20 22:37	
Dibromofluoromethane	93	89 - 119	09/08/20 22:37	
Toluene-d8	95	87 - 121	09/08/20 22:37	



Semivolatile Organic Compounds by GC

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1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:15
Date Received: 09/04/20 09:40

Sample Name: W-2 2020 Q3
Lab Code: R2008205-001

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	09/11/20 12:35	9/10/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	53	18 - 152	09/11/20 12:35	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:30
Date Received: 09/04/20 09:40

Sample Name: MW-12 2020 Q3
Lab Code: R2008205-003

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	09/11/20 12:57	9/10/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	55	18 - 152	09/11/20 12:57	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:00
Date Received: 09/04/20 09:40

Sample Name: MW-13 2020 Q3
Lab Code: R2008205-004

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	09/11/20 13:18	9/10/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	49	18 - 152	09/11/20 13:18	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:45
Date Received: 09/04/20 09:40

Sample Name: PW-2 2020 Q3
Lab Code: R2008205-007

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	09/11/20 13:40	9/10/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	44	18 - 152	09/11/20 13:40	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 10:50
Date Received: 09/04/20 09:40

Sample Name: DUP-01 2020 Q3
Lab Code: R2008205-009

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	09/11/20 14:01	9/10/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	52	18 - 152	09/11/20 14:01	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/03/20 08:50
Date Received: 09/04/20 09:40

Sample Name: EB-01 2020 Q3
Lab Code: R2008205-010

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	09/11/20 14:22	9/10/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	62	18 - 152	09/11/20 14:22	



QC Summary Forms

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1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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Volatile Organic Compounds by GC/MS

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1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8
		85-122	89-119	87-121
W-2 2020 Q3	R2008205-001	99	98	101
U-6D 2020 Q3	R2008205-002	99	98	101
MW-12 2020 Q3	R2008205-003	92	93	95
MW-13 2020 Q3	R2008205-004	95	93	98
OW-1 2020 Q3	R2008205-005	94	92	99
OW-2 2020 Q3	R2008205-006	93	92	98
PW-2 2020 Q3	R2008205-007	96	95	99
RI-6 2020 Q3	R2008205-008	96	96	101
DUP-01 2020 Q3	R2008205-009	100	98	102
EB-01 2020 Q3	R2008205-010	92	94	97
TRIP BLANK-01 2020 Q3	R2008205-011	96	97	100
OS-2R 2020 Q3	R2008205-012	94	94	100
OS-5R 2020 Q3	R2008205-013	97	97	100
OS-5D 2020 Q3	R2008205-014	95	94	100
OS-6 2020 Q3	R2008205-015	99	94	101
OS-6R 2020 Q3	R2008205-016	96	94	100
OS-7R 2020 Q3	R2008205-017	92	94	97
OS-7D 2020 Q3	R2008205-018	94	93	100
OS-9 2020 Q3	R2008205-019	96	96	100
OS-9R 2020 Q3	R2008205-020	95	92	99
OS-11R 2020 Q3	R2008205-021	95	95	100
OS-11D 2020 Q3	R2008205-022	97	92	99
OS-12R 2020 Q3	R2008205-023	96	92	98
OS-15R 2020 Q3	R2008205-024	94	94	99
OS-15D 2020 Q3	R2008205-025	98	95	101
DUP-02 2020 Q3	R2008205-026	99	95	101
TRIP BLANK-02 2020 Q3	R2008205-028	93	93	95
Method Blank	RQ2010402-04	97	98	102
Method Blank	RQ2010460-05	95	95	98
Lab Control Sample	RQ2010402-03	97	98	99
Lab Control Sample	RQ2010460-04	100	99	100
OS-6 2020 Q3 MS	RQ2010402-05	104	98	104
OS-6 2020 Q3 DMS	RQ2010402-06	98	99	100

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20
Date Received: 09/04/20
Date Analyzed: 09/9/20
Date Extracted: NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name: OS-6 2020 Q3
Lab Code: R2008205-015
Analysis Method: 8260C
Prep Method: EPA 5030C

Units: ug/L
Basis: NA

Analyte Name	Matrix Spike RQ2010402-05				Duplicate Matrix Spike RQ2010402-06				RPD	RPD Limit
	Sample Result	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits		
Benzene	5.0 U	52.5	50.0	105	50.2	50.0	100	76-129	4	30
Bromodichloromethane	5.0 U	45.8	50.0	92	45.7	50.0	91	78-133	<1	30
Bromoform	5.0 U	45.2	50.0	90	47.2	50.0	94	58-133	4	30
Bromomethane	5.0 U	41.8	50.0	84	42.6	50.0	85	10-184	2	30
Carbon Tetrachloride	5.0 U	50.9	50.0	102	50.8	50.0	102	65-135	<1	30
Chlorobenzene	5.0 U	52.0	50.0	104	50.8	50.0	102	76-125	2	30
Chloroethane	5.0 U	52.1	50.0	104	53.6	50.0	107	48-146	3	30
2-Chloroethyl Vinyl Ether	5.0 U	16.7	50.0	33	17.3	50.0	35	19-162	3	30
Chloroform	5.0 U	52.4	50.0	105	49.9	50.0	100	75-130	5	30
Chloromethane	5.0 U	47.7	50.0	95	47.8	50.0	96	55-160	<1	30
Dibromochloromethane	5.0 U	49.5	50.0	99	49.9	50.0	100	72-128	<1	30
1,2-Dichlorobenzene	5.0 U	49.3	50.0	99	49.7	50.0	99	77-120	<1	30
1,3-Dichlorobenzene	5.0 U	52.0	50.0	104	51.3	50.0	103	83-121	1	30
1,4-Dichlorobenzene	5.0 U	49.2	50.0	98	48.6	50.0	97	82-120	1	30
1,1-Dichloroethane (1,1-DCA)	5.0 U	54.3	50.0	109	52.9	50.0	106	74-132	3	30
1,2-Dichloroethane	5.0 U	50.2	50.0	100	46.8	50.0	94	68-130	7	30
1,1-Dichloroethene (1,1-DCE)	5.0 U	62.1	50.0	124 *	60.2	50.0	120 *	71-118	3	30
trans-1,2-Dichloroethene	5.0 U	58.6	50.0	117	58.2	50.0	116	73-118	<1	30
cis-1,2-Dichloroethene	32	88.8	50.0	114	84.1	50.0	104	77-127	5	30
1,2-Dichloropropane	5.0 U	48.8	50.0	98	48.1	50.0	96	79-124	2	30
cis-1,3-Dichloropropene	5.0 U	46.6	50.0	93	45.2	50.0	90	52-134	3	30
trans-1,3-Dichloropropene	5.0 U	45.1	50.0	90	43.8	50.0	88	71-133	3	30
Ethylbenzene	5.0 U	52.3	50.0	105	51.4	50.0	103	72-134	2	30
Methylene Chloride	5.0 U	51.1	50.0	102	51.8	50.0	104	73-122	1	30
1,1,2,2-Tetrachloroethane	5.0 U	52.8	50.0	106	51.7	50.0	103	72-122	2	30
Toluene	5.0 U	53.9	50.0	108	51.7	50.0	103	79-119	4	30
1,1,1-Trichloroethane (TCA)	5.0 U	50.7	50.0	101	51.7	50.0	103	74-127	2	30
1,1,2-Trichloroethane	5.0 U	53.4	50.0	107	51.2	50.0	102	82-121	4	30
Tetrachloroethene (PCE)	5.0 U	50.7	50.0	101	49.7	50.0	99	72-125	2	30
Trichloroethene (TCE)	5.0 U	47.2	50.0	94	47.1	50.0	94	74-122	<1	30
Trichlorofluoromethane (CFC 11)	5.0 U	52.0	50.0	104	49.9	50.0	100	71-136	4	30
Vinyl Chloride	5.0 U	48.4	50.0	97	49.6	50.0	99	74-159	3	30
m,p-Xylenes	5.0 U	109	100	109	106	100	106	80-126	3	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: 09/02/20
Date Received: 09/04/20
Date Analyzed: 09/9/20
Date Extracted: NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name: OS-6 2020 Q3
Lab Code: R2008205-015
Analysis Method: 8260C
Prep Method: EPA 5030C

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Matrix Spike RQ2010402-05			Duplicate Matrix Spike RQ2010402-06			% Rec Limits	RPD	RPD Limit
		Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
o-Xylene	5.0 U	53.5	50.0	107	53.3	50.0	107	79-123	<1	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2010402-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/08/20 22:15	
Bromodichloromethane	5.0 U	5.0	1	09/08/20 22:15	
Bromoform	5.0 U	5.0	1	09/08/20 22:15	
Bromomethane	5.0 U	5.0	1	09/08/20 22:15	
Carbon Tetrachloride	5.0 U	5.0	1	09/08/20 22:15	
Chlorobenzene	5.0 U	5.0	1	09/08/20 22:15	
Chloroethane	5.0 U	5.0	1	09/08/20 22:15	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/08/20 22:15	
Chloroform	5.0 U	5.0	1	09/08/20 22:15	
Chloromethane	5.0 U	5.0	1	09/08/20 22:15	
Dibromochloromethane	5.0 U	5.0	1	09/08/20 22:15	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/08/20 22:15	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/08/20 22:15	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/08/20 22:15	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/08/20 22:15	
1,2-Dichloroethane	5.0 U	5.0	1	09/08/20 22:15	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/08/20 22:15	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/08/20 22:15	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/08/20 22:15	
1,2-Dichloropropane	5.0 U	5.0	1	09/08/20 22:15	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/08/20 22:15	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/08/20 22:15	
Ethylbenzene	5.0 U	5.0	1	09/08/20 22:15	
Methylene Chloride	5.0 U	5.0	1	09/08/20 22:15	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/08/20 22:15	
Toluene	5.0 U	5.0	1	09/08/20 22:15	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/08/20 22:15	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/08/20 22:15	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/08/20 22:15	
Trichloroethene (TCE)	5.0 U	5.0	1	09/08/20 22:15	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/08/20 22:15	
Vinyl Chloride	5.0 U	5.0	1	09/08/20 22:15	
m,p-Xylenes	5.0 U	5.0	1	09/08/20 22:15	
o-Xylene	5.0 U	5.0	1	09/08/20 22:15	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/08/20 22:15	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2010402-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	09/08/20 22:15	
Dibromofluoromethane	98	89 - 119	09/08/20 22:15	
Toluene-d8	102	87 - 121	09/08/20 22:15	

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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2010460-05

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	09/09/20 12:07	
Bromodichloromethane	5.0 U	5.0	1	09/09/20 12:07	
Bromoform	5.0 U	5.0	1	09/09/20 12:07	
Bromomethane	5.0 U	5.0	1	09/09/20 12:07	
Carbon Tetrachloride	5.0 U	5.0	1	09/09/20 12:07	
Chlorobenzene	5.0 U	5.0	1	09/09/20 12:07	
Chloroethane	5.0 U	5.0	1	09/09/20 12:07	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	09/09/20 12:07	
Chloroform	5.0 U	5.0	1	09/09/20 12:07	
Chloromethane	5.0 U	5.0	1	09/09/20 12:07	
Dibromochloromethane	5.0 U	5.0	1	09/09/20 12:07	
1,2-Dichlorobenzene	5.0 U	5.0	1	09/09/20 12:07	
1,3-Dichlorobenzene	5.0 U	5.0	1	09/09/20 12:07	
1,4-Dichlorobenzene	5.0 U	5.0	1	09/09/20 12:07	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	09/09/20 12:07	
1,2-Dichloroethane	5.0 U	5.0	1	09/09/20 12:07	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	09/09/20 12:07	
trans-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 12:07	
cis-1,2-Dichloroethene	5.0 U	5.0	1	09/09/20 12:07	
1,2-Dichloropropane	5.0 U	5.0	1	09/09/20 12:07	
cis-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 12:07	
trans-1,3-Dichloropropene	5.0 U	5.0	1	09/09/20 12:07	
Ethylbenzene	5.0 U	5.0	1	09/09/20 12:07	
Methylene Chloride	5.0 U	5.0	1	09/09/20 12:07	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	09/09/20 12:07	
Toluene	5.0 U	5.0	1	09/09/20 12:07	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	09/09/20 12:07	
1,1,2-Trichloroethane	5.0 U	5.0	1	09/09/20 12:07	
Tetrachloroethene (PCE)	5.0 U	5.0	1	09/09/20 12:07	
Trichloroethene (TCE)	5.0 U	5.0	1	09/09/20 12:07	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	09/09/20 12:07	
Vinyl Chloride	5.0 U	5.0	1	09/09/20 12:07	
m,p-Xylenes	5.0 U	5.0	1	09/09/20 12:07	
o-Xylene	5.0 U	5.0	1	09/09/20 12:07	
Total Target Volatiles (TTV)	5.0 U	5.0	1	09/09/20 12:07	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2010460-05

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	09/09/20 12:07	
Dibromofluoromethane	95	89 - 119	09/09/20 12:07	
Toluene-d8	98	87 - 121	09/09/20 12:07	

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Analyzed: 09/08/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2010402-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Benzene	8260C	22.3	20.0	112	79-119
Bromodichloromethane	8260C	19.8	20.0	99	81-123
Bromoform	8260C	22.0	20.0	110	65-146
Bromomethane	8260C	20.7	20.0	104	42-166
Carbon Tetrachloride	8260C	21.9	20.0	109	70-127
Chlorobenzene	8260C	22.5	20.0	112	80-121
Chloroethane	8260C	23.7	20.0	118	62-131
2-Chloroethyl Vinyl Ether	8260C	7.77	20.0	39	19-162
Chloroform	8260C	22.0	20.0	110	79-120
Chloromethane	8260C	20.7	20.0	103	65-135
Dibromochloromethane	8260C	21.6	20.0	108	72-128
1,2-Dichlorobenzene	8260C	22.9	20.0	115	80-119
1,3-Dichlorobenzene	8260C	23.3	20.0	117	83-121
1,4-Dichlorobenzene	8260C	23.1	20.0	115	79-119
1,1-Dichloroethane (1,1-DCA)	8260C	23.9	20.0	120	80-124
1,2-Dichloroethane	8260C	21.8	20.0	109	71-127
1,1-Dichloroethene (1,1-DCE)	8260C	27.0	20.0	135 *	71-118
trans-1,2-Dichloroethene	8260C	24.4	20.0	122 *	73-118
cis-1,2-Dichloroethene	8260C	23.2	20.0	116	80-121
1,2-Dichloropropane	8260C	20.7	20.0	104	80-119
cis-1,3-Dichloropropene	8260C	20.6	20.0	103	77-122
trans-1,3-Dichloropropene	8260C	20.7	20.0	103	71-133
Ethylbenzene	8260C	22.6	20.0	113	76-120
Methylene Chloride	8260C	22.1	20.0	110	73-122
1,1,2,2-Tetrachloroethane	8260C	24.3	20.0	121	78-126
Toluene	8260C	22.4	20.0	112	79-119
1,1,1-Trichloroethane (TCA)	8260C	21.7	20.0	109	75-125
1,1,2-Trichloroethane	8260C	22.0	20.0	110	82-121
Tetrachloroethene (PCE)	8260C	22.3	20.0	111	72-125
Trichloroethene (TCE)	8260C	20.4	20.0	102	74-122
Trichlorofluoromethane (CFC 11)	8260C	21.9	20.0	109	71-136
Vinyl Chloride	8260C	22.3	20.0	112	74-159
m,p-Xylenes	8260C	47.8	40.0	119	80-126

ALS Group USA, Corp.

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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Analyzed: 09/08/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L**Basis:**NA**Lab Control Sample**

RQ2010402-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
o-Xylene	8260C	22.7	20.0	113	79-123

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Analyzed: 09/09/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2010460-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Benzene	8260C	20.8	20.0	104	79-119
Bromodichloromethane	8260C	17.9	20.0	89	81-123
Bromoform	8260C	18.1	20.0	90	65-146
Bromomethane	8260C	17.9	20.0	90	42-166
Carbon Tetrachloride	8260C	20.3	20.0	101	70-127
Chlorobenzene	8260C	21.4	20.0	107	80-121
Chloroethane	8260C	21.1	20.0	106	62-131
2-Chloroethyl Vinyl Ether	8260C	7.11	20.0	36	19-162
Chloroform	8260C	20.6	20.0	103	79-120
Chloromethane	8260C	19.3	20.0	97	65-135
Dibromochloromethane	8260C	20.4	20.0	102	72-128
1,2-Dichlorobenzene	8260C	21.2	20.0	106	80-119
1,3-Dichlorobenzene	8260C	22.0	20.0	110	83-121
1,4-Dichlorobenzene	8260C	21.4	20.0	107	79-119
1,1-Dichloroethane (1,1-DCA)	8260C	21.6	20.0	108	80-124
1,2-Dichloroethane	8260C	20.0	20.0	100	71-127
1,1-Dichloroethene (1,1-DCE)	8260C	24.8	20.0	124 *	71-118
trans-1,2-Dichloroethene	8260C	23.1	20.0	116	73-118
cis-1,2-Dichloroethene	8260C	22.1	20.0	111	80-121
1,2-Dichloropropane	8260C	20.2	20.0	101	80-119
cis-1,3-Dichloropropene	8260C	19.8	20.0	99	77-122
trans-1,3-Dichloropropene	8260C	19.4	20.0	97	71-133
Ethylbenzene	8260C	21.5	20.0	108	76-120
Methylene Chloride	8260C	21.7	20.0	108	73-122
1,1,2,2-Tetrachloroethane	8260C	22.3	20.0	112	78-126
Toluene	8260C	21.0	20.0	105	79-119
1,1,1-Trichloroethane (TCA)	8260C	21.1	20.0	106	75-125
1,1,2-Trichloroethane	8260C	20.7	20.0	103	82-121
Tetrachloroethene (PCE)	8260C	19.6	20.0	98	72-125
Trichloroethene (TCE)	8260C	19.0	20.0	95	74-122
Trichlorofluoromethane (CFC 11)	8260C	20.4	20.0	102	71-136
Vinyl Chloride	8260C	20.4	20.0	102	74-159
m,p-Xylenes	8260C	43.7	40.0	109	80-126

ALS Group USA, Corp.

dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Analyzed: 09/09/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L**Basis:**NA**Lab Control Sample**

RQ2010460-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
o-Xylene	8260C	21.6	20.0	108	79-123



Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205

SURROGATE RECOVERY SUMMARY
Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Extraction Method: EPA 3510C

Sample Name	Lab Code	o-Terphenyl
		18-152
W-2 2020 Q3	R2008205-001	53
MW-12 2020 Q3	R2008205-003	55
MW-13 2020 Q3	R2008205-004	49
PW-2 2020 Q3	R2008205-007	44
DUP-01 2020 Q3	R2008205-009	52
EB-01 2020 Q3	R2008205-010	62
Method Blank	RQ2010491-01	59
Lab Control Sample	RQ2010491-02	64
Duplicate Lab Control Sample	RQ2010491-03	62

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2010491-01

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	100 U	100	1	09/11/20 11:31	9/10/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	59	18 - 152	09/11/20 11:31	

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3
Sample Matrix: Water

Service Request: R2008205
Date Analyzed: 09/11/20

Duplicate Lab Control Sample Summary
Hydrocarbon Scan by GC-FID

Units:ug/L
Basis:NA

Lab Control Sample RQ2010491-02					Duplicate Lab Control Sample RQ2010491-03					
Analyte Name	Analytical Method	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Mineral Spirits	8015C	214	500	43	244	500	49	10-136	13	30

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3

Service Request: R2008205
Date Analyzed: 9/11/20

Continuing Calibration Verification Summary
Hydrocarbon Scan by GC-FID

Analytical Method: 8015C
File ID: I:\ACQUDATA\6890\DATA\091120\BN546.D\

Calibration Date:
Calibration ID:
Analysis Lot: 694656
Units: mg/L

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Mineral Spirits	511	511	NA	NA	NA	0.0	± 20 %	
o-Terphenyl	100	94.5	NA	NA	NA	-5.9	± 20 %	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3

Service Request: R2008205
Date Analyzed: 9/11/20

Continuing Calibration Verification Summary
Hydrocarbon Scan by GC-FID

Analytical Method: 8015C
File ID: I:\ACQUDATA\6890\DATA\091120\BN556.D\

Calibration Date:
Calibration ID:
Analysis Lot: 694656
Units: mg/L

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Mineral Spirits	511	466	NA	NA	NA	-8.8	± 20 %	
o-Terphenyl	100	87.2	NA	NA	NA	-13.2	± 20 %	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3

Service Request: R2008205
Date Analyzed: 9/ 8/20

**Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved**

Analytical Method: 8260C
File ID: I:\ACQUDATA\msvoa12\Data\090820\P39436.D\

Calibration Date: 9/4/20
Calibration ID: RC2000132
Analysis Lot: 694178
Units: ppb

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50.0	50.5	1.325	1.338	1.0	NA	± 20 %	Average RF
Bromodichloromethane	50.0	47.2	0.4430	0.4183	-5.6	NA	± 20 %	Average RF
Bromoform	50.0	49.2	0.4378	0.4304	-1.7	NA	± 20 %	Average RF
Bromomethane	50.0	49.0	NA	NA	NA	-2.0	± 20 %	Quadratic
Carbon Tetrachloride	50.0	50.5	0.3909	0.3946	0.9	NA	± 20 %	Average RF
Chlorobenzene	50.0	52.0	1.054	1.095	3.9	NA	± 20 %	Average RF
Chloroethane	50.0	54.8	0.6072	0.6653	9.6	NA	± 20 %	Average RF
2-Chloroethyl Vinyl Ether	50.0	45.3	0.2157	0.1954	-9.4	NA	± 20 %	Average RF
Chloroform	50.0	52.2	0.8590	0.8961	4.3	NA	± 20 %	Average RF
Chloromethane	50.0	49.6	0.6834	0.6784	-0.7	NA	± 20 %	Average RF
Dibromochloromethane	50.0	49.1	0.3421	0.3359	-1.8	NA	± 20 %	Average RF
1,2-Dichlorobenzene	50.0	51.1	1.727	1.764	2.2	NA	± 20 %	Average RF
1,3-Dichlorobenzene	50.0	51.9	1.675	1.739	3.8	NA	± 20 %	Average RF
1,4-Dichlorobenzene	50.0	49.8	1.766	1.758	-0.5	NA	± 20 %	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	54.0	0.8175	0.8832	8.0	NA	± 20 %	Average RF
1,2-Dichloroethane	50.0	48.5	0.4746	0.4600	-3.1	NA	± 20 %	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	52.0	0.3685	0.3836	4.1	NA	± 20 %	Average RF
trans-1,2-Dichloroethene	50.0	53.1	0.4276	0.4537	6.1	NA	± 20 %	Average RF
cis-1,2-Dichloroethene	50.0	53.5	0.5168	0.5529	7.0	NA	± 20 %	Average RF
1,2-Dichloropropane	50.0	49.4	0.3362	0.3323	-1.1	NA	± 20 %	Average RF
cis-1,3-Dichloropropene	50.0	51.7	0.5334	0.5513	3.3	NA	± 20 %	Average RF
trans-1,3-Dichloropropene	50.0	49.5	0.5136	0.5085	-1.0	NA	± 20 %	Average RF
Ethylbenzene	50.0	51.8	0.5808	0.6022	3.7	NA	± 20 %	Average RF
Methylene Chloride	50.0	51.2	0.4918	0.5038	2.4	NA	± 20 %	Average RF
1,1,2,2-Tetrachloroethane	50.0	50.6	0.9357	0.9473	1.2	NA	± 20 %	Average RF
Toluene	50.0	50.9	1.514	1.542	1.9	NA	± 20 %	Average RF
1,1,1-Trichloroethane (TCA)	50.0	51.4	0.7748	0.7959	2.7	NA	± 20 %	Average RF
1,1,2-Trichloroethane	50.0	50.6	0.3306	0.3342	1.1	NA	± 20 %	Average RF
Tetrachloroethene (PCE)	50.0	48.5	0.3067	0.2973	-3.1	NA	± 20 %	Average RF
Trichloroethene (TCE)	50.0	48.7	0.3732	0.3634	-2.6	NA	± 20 %	Average RF
Trichlorofluoromethane (CFC 11)	50.0	50.2	0.7841	0.7870	0.4	NA	± 20 %	Average RF
Vinyl Chloride	50.0	53.2	0.8285	0.8815	6.4	NA	± 20 %	Average RF
m,p-Xylenes	100	106	0.6998	0.7388	5.6	NA	± 20 %	Average RF
o-Xylene	50.0	52.5	0.7022	0.7379	5.1	NA	± 20 %	Average RF
4-Bromofluorobenzene	50.0	48.3	0.5174	0.4995	-3.5	NA	± 20 %	Average RF
Dibromofluoromethane	50.0	48.6	0.2935	0.2854	-2.7	NA	± 20 %	Average RF
Toluene-d8	50.0	49.2	1.334	1.313	-1.6	NA	± 20 %	Average RF

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3

Service Request: R2008205
Date Analyzed: 9/ 9/20

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Analytical Method: 8260C
File ID: I:\ACQUDATA\msvoa12\Data\090920\P39465.D\

Calibration Date: 9/4/20
Calibration ID: RC2000132
Analysis Lot: 694265
Units: ppb

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50.0	47.4	1.325	1.257	-5.1	NA	± 20 %	Average RF
Bromodichloromethane	50.0	45.7	0.4430	0.4046	-8.7	NA	± 20 %	Average RF
Bromoform	50.0	48.6	0.4378	0.4254	-2.8	NA	± 20 %	Average RF
Bromomethane	50.0	43.2	NA	NA	NA	-13.6	± 20 %	Quadratic
Carbon Tetrachloride	50.0	47.6	0.3909	0.3723	-4.7	NA	± 20 %	Average RF
Chlorobenzene	50.0	49.6	1.054	1.045	-0.8	NA	± 20 %	Average RF
Chloroethane	50.0	47.6	0.6072	0.5775	-4.9	NA	± 20 %	Average RF
2-Chloroethyl Vinyl Ether	50.0	43.8	0.2157	0.1889	-12.4	NA	± 20 %	Average RF
Chloroform	50.0	48.0	0.8590	0.8248	-4.0	NA	± 20 %	Average RF
Chloromethane	50.0	44.0	0.6834	0.6019	-11.9	NA	± 20 %	Average RF
Dibromochloromethane	50.0	48.3	0.3421	0.3302	-3.5	NA	± 20 %	Average RF
1,2-Dichlorobenzene	50.0	52.6	1.727	1.817	5.2	NA	± 20 %	Average RF
1,3-Dichlorobenzene	50.0	53.3	1.675	1.786	6.6	NA	± 20 %	Average RF
1,4-Dichlorobenzene	50.0	51.9	1.766	1.833	3.7	NA	± 20 %	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	50.2	0.8175	0.8208	0.4	NA	± 20 %	Average RF
1,2-Dichloroethane	50.0	47.0	0.4746	0.4461	-6.0	NA	± 20 %	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	48.9	0.3685	0.3605	-2.2	NA	± 20 %	Average RF
trans-1,2-Dichloroethene	50.0	49.2	0.4276	0.4210	-1.5	NA	± 20 %	Average RF
cis-1,2-Dichloroethene	50.0	51.2	0.5168	0.5289	2.3	NA	± 20 %	Average RF
1,2-Dichloropropane	50.0	46.2	0.3362	0.3109	-7.5	NA	± 20 %	Average RF
cis-1,3-Dichloropropene	50.0	50.2	0.5334	0.5354	0.4	NA	± 20 %	Average RF
trans-1,3-Dichloropropene	50.0	49.1	0.5136	0.5048	-1.7	NA	± 20 %	Average RF
Ethylbenzene	50.0	50.1	0.5808	0.5816	0.2	NA	± 20 %	Average RF
Methylene Chloride	50.0	49.1	0.4918	0.4825	-1.9	NA	± 20 %	Average RF
1,1,2,2-Tetrachloroethane	50.0	51.6	0.9357	0.9664	3.3	NA	± 20 %	Average RF
Toluene	50.0	48.6	1.514	1.473	-2.7	NA	± 20 %	Average RF
1,1,1-Trichloroethane (TCA)	50.0	48.3	0.7748	0.7485	-3.4	NA	± 20 %	Average RF
1,1,2-Trichloroethane	50.0	49.3	0.3306	0.3262	-1.3	NA	± 20 %	Average RF
Tetrachloroethene (PCE)	50.0	46.0	0.3067	0.2821	-8.0	NA	± 20 %	Average RF
Trichloroethene (TCE)	50.0	45.0	0.3732	0.3361	-10.0	NA	± 20 %	Average RF
Trichlorofluoromethane (CFC 11)	50.0	47.5	0.7841	0.7444	-5.1	NA	± 20 %	Average RF
Vinyl Chloride	50.0	45.4	0.8285	0.7526	-9.2	NA	± 20 %	Average RF
m,p-Xylenes	100	103	0.6998	0.7217	3.1	NA	± 20 %	Average RF
o-Xylene	50.0	49.8	0.7022	0.6989	-0.5	NA	± 20 %	Average RF
4-Bromofluorobenzene	50.0	47.8	0.5174	0.4946	-4.4	NA	± 20 %	Average RF
Dibromofluoromethane	50.0	47.5	0.2935	0.2789	-5.0	NA	± 20 %	Average RF
Toluene-d8	50.0	48.9	1.334	1.304	-2.3	NA	± 20 %	Average RF

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3

Service Request: R2008205
Date Analyzed: 9/8/20 21:09

Internal Standard Area and RT Summary Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\090820\P39436.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2010402-02
Analysis Lot: 694178
Signal ID: 1

	Chlorobenzene-d5		1,4-Difluorobenzene		1,4-Dichlorobenzene-d4	
	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>
Results ==>	469,452	9.80	505,991	6.53	253,843	11.84
Upper Limit ==>	938,904	9.97	1,011,982	6.70	507,686	12.01
Lower Limit ==>	234,726	9.63	252,996	6.36	126,922	11.67
ICAL Result ==>	468,500	9.80	504,929	6.52	258,160	11.83

Associated Analyses

Lab Control Sample	RQ2010402-03	456,868	9.80	498,498	6.52	236,003	11.84
Method Blank	RQ2010402-04	452,270	9.80	490,155	6.53	229,441	11.84
TRIP BLANK-02 2020 Q3	R2008205-028	464,602	9.80	508,250	6.52	228,193	11.84
EB-01 2020 Q3	R2008205-010	444,097	9.80	483,323	6.53	217,943	11.84
TRIP BLANK-01 2020 Q3	R2008205-011	448,086	9.80	482,290	6.53	223,284	11.83
W-2 2020 Q3	R2008205-001	445,447	9.80	480,346	6.53	225,346	11.84
U-6D 2020 Q3	R2008205-002	450,780	9.80	483,247	6.52	219,405	11.83
OS-2R 2020 Q3	R2008205-012	455,585	9.80	501,231	6.52	224,668	11.83
OS-5R 2020 Q3	R2008205-013	452,914	9.80	491,464	6.52	226,736	11.84
OS-5D 2020 Q3	R2008205-014	460,821	9.80	493,478	6.52	232,809	11.83
OS-6R 2020 Q3	R2008205-016	448,331	9.80	487,509	6.53	225,709	11.84
OS-7R 2020 Q3	R2008205-017	455,773	9.80	496,824	6.52	226,842	11.84
OS-7D 2020 Q3	R2008205-018	443,060	9.80	494,891	6.52	221,772	11.83
OS-9 2020 Q3	R2008205-019	448,193	9.80	486,718	6.52	225,156	11.83
OS-9R 2020 Q3	R2008205-020	450,563	9.80	494,385	6.52	226,790	11.83
OS-11R 2020 Q3	R2008205-021	442,802	9.80	487,323	6.53	222,001	11.84
OS-11D 2020 Q3	R2008205-022	440,430	9.80	478,842	6.52	219,106	11.83
OS-12R 2020 Q3	R2008205-023	445,295	9.80	486,138	6.53	225,502	11.83
OS-15R 2020 Q3	R2008205-024	440,837	9.80	481,577	6.52	220,825	11.83
OS-15D 2020 Q3	R2008205-025	446,213	9.80	499,857	6.52	225,511	11.83
DUP-02 2020 Q3	R2008205-026	448,075	9.80	480,985	6.53	218,949	11.83
OS-6 2020 Q3	R2008205-015	453,821	9.80	485,294	6.52	228,512	11.83
OS-6 2020 Q3MS	RQ2010402-05	464,275	9.80	488,741	6.53	252,735	11.84
OS-6 2020 Q3DMS	RQ2010402-06	469,681	9.80	507,857	6.52	255,492	11.83

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3

Service Request: R2008205
Date Analyzed: 9/8/20 21:09

Internal Standard Area and RT Summary Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\090820\P39436.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2010402-02
Analysis Lot: 694178
Signal ID: 1

		Pentafluorobenzene	
		<u>Area</u>	<u>RT</u>
Results ==>		317,080	5.46
Upper Limit ==>		634,160	5.63
Lower Limit ==>		158,540	5.29
ICAL Result ==>		336,743	5.44

Associated Analyses

Lab Control Sample	RQ2010402-03	323,312	5.44
Method Blank	RQ2010402-04	315,181	5.45
TRIP BLANK-02 2020 Q3	R2008205-028	315,512	5.44
EB-01 2020 Q3	R2008205-010	305,014	5.46
TRIP BLANK-01 2020 Q3	R2008205-011	309,756	5.45
W-2 2020 Q3	R2008205-001	311,603	5.45
U-6D 2020 Q3	R2008205-002	304,235	5.45
OS-2R 2020 Q3	R2008205-012	313,617	5.44
OS-5R 2020 Q3	R2008205-013	309,626	5.45
OS-5D 2020 Q3	R2008205-014	314,054	5.44
OS-6R 2020 Q3	R2008205-016	307,010	5.46
OS-7R 2020 Q3	R2008205-017	307,098	5.45
OS-7D 2020 Q3	R2008205-018	306,142	5.45
OS-9 2020 Q3	R2008205-019	302,770	5.45
OS-9R 2020 Q3	R2008205-020	305,999	5.44
OS-11R 2020 Q3	R2008205-021	306,791	5.45
OS-11D 2020 Q3	R2008205-022	298,235	5.46
OS-12R 2020 Q3	R2008205-023	303,345	5.45
OS-15R 2020 Q3	R2008205-024	301,324	5.45
OS-15D 2020 Q3	R2008205-025	307,477	5.44
DUP-02 2020 Q3	R2008205-026	297,915	5.46
OS-6 2020 Q3	R2008205-015	305,462	5.45
OS-6 2020 Q3MS	RQ2010402-05	318,309	5.45
OS-6 2020 Q3DMS	RQ2010402-06	322,971	5.45

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3

Service Request: R2008205
Date Analyzed: 9/9/20 10:33

Internal Standard Area and RT Summary Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\090920\P39465.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2010460-02
Analysis Lot: 694265
Signal ID: 1

	Chlorobenzene-d5		1,4-Difluorobenzene		1,4-Dichlorobenzene-d4	
	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>
Results ==>	486,187	9.80	528,433	6.52	254,442	11.83
Upper Limit ==>	972,374	9.97	1,056,866	6.69	508,884	12.00
Lower Limit ==>	243,094	9.63	264,217	6.35	127,221	11.66
ICAL Result ==>	468,500	9.80	504,929	6.52	258,160	11.83

Associated Analyses

Lab Control Sample	RQ2010460-04	449,237	9.80	490,777	6.53	229,739	11.83
Method Blank	RQ2010460-05	451,649	9.80	498,555	6.52	225,838	11.83
PW-2 2020 Q3	R2008205-007	441,367	9.80	481,431	6.53	214,669	11.83
DUP-01 2020 Q3	R2008205-009	438,371	9.80	476,070	6.52	220,846	11.83
MW-12 2020 Q3	R2008205-003	464,036	9.80	511,173	6.52	231,664	11.83
MW-13 2020 Q3	R2008205-004	455,172	9.80	500,295	6.52	228,639	11.83
OW-1 2020 Q3	R2008205-005	466,111	9.80	508,062	6.52	231,489	11.83
OW-2 2020 Q3	R2008205-006	458,996	9.80	497,462	6.53	222,849	11.83
RI-6 2020 Q3	R2008205-008	441,013	9.80	481,788	6.52	221,141	11.83

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Xerox - Blauvelt Wells Q3

Service Request: R2008205
Date Analyzed: 9/9/20 10:33

Internal Standard Area and RT Summary Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\090920\P39465.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2010460-02
Analysis Lot: 694265
Signal ID: 1

Pentafluorobenzene			
		<u>Area</u>	<u>RT</u>
Results ==>		334,738	5.44
Upper Limit ==>		669,476	5.61
Lower Limit ==>		167,369	5.27
ICAL Result ==>		336,743	5.44

Associated Analyses

Lab Control Sample	RQ2010460-04	317,166	5.46
Method Blank	RQ2010460-05	308,126	5.45
PW-2 2020 Q3	R2008205-007	301,926	5.46
DUP-01 2020 Q3	R2008205-009	301,296	5.45
MW-12 2020 Q3	R2008205-003	318,690	5.45
MW-13 2020 Q3	R2008205-004	310,957	5.44
OW-1 2020 Q3	R2008205-005	324,118	5.44
OW-2 2020 Q3	R2008205-006	310,750	5.46
RI-6 2020 Q3	R2008205-008	298,999	5.45

Results flagged with an asterisk (*) indicate values outside control criteria.



BERGMANN
ARCHITECTS ENGINEERS PLANNERS

FOURTH QUARTER

LABORATORY ANALYTICAL REPORT



December 23, 2020

Service Request No:R2011848

Missy Bessey
Xerox Corporation USA
800 Phillips Road
Bldg #205-99F
Webster, NY 14580

Laboratory Results for: Blauvelt Wells - Xerox (Q4)

Dear Missy,

Enclosed are the results of the sample(s) submitted to our laboratory December 12, 2020
For your reference, these analyses have been assigned our service request number **R2011848**.

All testing was performed according to our laboratory's quality assurance program and met the requirements of the TNI standards except as noted in the case narrative report. Any testing not included in the lab's accreditation is identified on a Non-Certified Analytes report. All results are intended to be considered in their entirety. ALS Environmental is not responsible for use of less than the complete report. Results apply only to the individual samples submitted to the lab for analysis, as listed in the report. The measurement uncertainty of the results included in this report is within that expected when using the prescribed method(s), and represented by Laboratory Control Sample control limits. Any events, such as QC failures or Holding Time exceedances, which may add to the uncertainty are explained in the report narrative or are flagged with qualifiers. The flags are explained in the Report Qualifiers and Definitions page of this report.

Please contact me if you have any questions. My extension is 7475. You may also contact me via email at Meghan.Pedro@alsglobal.com.

Respectfully submitted,

ALS Group USA, Corp. dba ALS Environmental

Meghan Pedro
Project Manager

CC: Janice Szucs

ADDRESS

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

PHONE +1 585 288 5380 | **FAX** +1 585 288 8475

ALS Group USA, Corp.
dba ALS Environmental



Narrative Documents

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com



Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)
Sample Matrix: Water

Service Request: R2011848
Date Received: 12/12/2020

CASE NARRATIVE

All analyses were performed consistent with the quality assurance program of ALS Environmental. This report contains analytical results for samples for the Tier II level requested by the client.

Sample Receipt:

Twenty eight water samples were received for analysis at ALS Environmental on 12/12/2020. Any discrepancies upon initial sample inspection are annotated on the sample receipt and preservation form included within this report. The samples were stored at minimum in accordance with the analytical method requirements.

Semivolatile GC:

No significant anomalies were noted with this analysis.

Volatiles by GC/MS:

Method 8260C, 12/18/2020: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260: Samples are routinely tested for pH after analysis to confirm that any acid added was sufficient to reduce the pH to <2 to extend the holding time from 7 days to 14 days. The following sample(s) were analyzed beyond 7 days and were found to be insufficiently preserved: R2011848-003,007,009.

Method 8260C, 12/18/2020: The upper control criterion was exceeded for one or more analytes in the Laboratory Control Sample (LCS). There were no detections of the analyte(s) above the MRL in the associated field samples. The error associated with elevated recovery equates to a high bias. The sample data is not significantly affected. No further corrective action was appropriate.

Method 8260C, R2011848-003,007,009: The analysis was initially performed within the recommended holding time. Reanalysis at a dilution was required. The reanalysis was performed past the recommended holding time.

Method 8260C, 12/17/2020: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Method 8260C, 12/16/2020: The lower control limit was exceeded for one or more analytes in the Continuing Calibration Verification (CCV). Since there were no detections of the analyte(s) above the MRL in the associated field samples, the quantitation is not affected. The data quality was not significantly affected and no further corrective action was taken.

Approved by _____

Date 12/23/2020

ALS Group USA, Corp. dba ALS Environmental

Total Target Volatiles Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Analytical Method: 8260C

Service Request: R2011848
Date Reported: 12/23/20
Units: µg/L

Client Sample ID	Total Target Volatiles
W-2 2020 Q4	ND
U-6D 2020 Q4	ND
MW-12 2020 Q4	3800.0
MW-13 2020 Q4	27.1
OW-1 2020 Q4	ND
OW-2 2020 Q4	136.4
PW-2 2020 Q4	770.0
RI-6 2020 Q4	ND
DUP-01 2020 Q4	799.9
EB-01 2020 Q4	ND
TRIP BLANK-01 2020 Q4	ND
OS-2R 2020 Q4	32.0
OS-5R 2020 Q4	39.0
OS-5D 2020 Q4	20.0
OS-6 2020 Q4	23.0
OS-6R 2020 Q4	69.0
OS-7R 2020 Q4	9.6
OS-7D 2020 Q4	ND
OS-9 2020 Q4	ND
OS-9R 2020 Q4	ND
OS-11R 2020 Q4	6.2
OS-11D 2020 Q4	26.0
OS-12R 2020 Q4	ND
OS-15R 2020 Q4	ND
OS-15D 2020 Q4	ND
DUP 02 202 Q4	5.3
TRIP BLANK-02 2020 Q4	ND

SAMPLE DETECTION SUMMARY

CLIENT ID: MW-12 2020 Q4				Lab ID: R2011848-003		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	3800			130	ug/L	8260C
Total Target Volatiles (TTV)	3800.0			125.0	ug/L	8260C
CLIENT ID: MW-13 2020 Q4				Lab ID: R2011848-004		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	22			5.0	ug/L	8260C
Trichloroethene (TCE)	5.1			5.0	ug/L	8260C
Total Target Volatiles (TTV)	27.1			5.0	ug/L	8260C
CLIENT ID: OW-2 2020 Q4				Lab ID: R2011848-006		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	130			5.0	ug/L	8260C
Tetrachloroethene (PCE)	6.4			5.0	ug/L	8260C
Total Target Volatiles (TTV)	136.4			5.0	ug/L	8260C
CLIENT ID: PW-2 2020 Q4				Lab ID: R2011848-007		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	770			25	ug/L	8260C
Total Target Volatiles (TTV)	770.0			25.0	ug/L	8260C
CLIENT ID: DUP-01 2020 Q4				Lab ID: R2011848-009		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	780	D		25	ug/L	8260C
Tetrachloroethene (PCE)	5.9			5.0	ug/L	8260C
Vinyl Chloride	14			5.0	ug/L	8260C
Total Target Volatiles (TTV)	799.9			5.0	ug/L	8260C
CLIENT ID: OS-2R 2020 Q4				Lab ID: R2011848-012		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	32			5.0	ug/L	8260C
Total Target Volatiles (TTV)	32.0			5.0	ug/L	8260C
CLIENT ID: OS-5R 2020 Q4				Lab ID: R2011848-013		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	39			5.0	ug/L	8260C
Total Target Volatiles (TTV)	39.0			5.0	ug/L	8260C
CLIENT ID: OS-5D 2020 Q4				Lab ID: R2011848-014		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	20			5.0	ug/L	8260C
Total Target Volatiles (TTV)	20.0			5.0	ug/L	8260C
CLIENT ID: OS-6 2020 Q4				Lab ID: R2011848-015		
Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	23			5.0	ug/L	8260C

SAMPLE DETECTION SUMMARY

CLIENT ID: OS-6 2020 Q4	Lab ID: R2011848-015

Analyte	Results	Flag	MDL	MRL	Units	Method
Total Target Volatiles (TTV)	23.0			5.0	ug/L	8260C

CLIENT ID: OS-6R 2020 Q4	Lab ID: R2011848-016

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	37			5.0	ug/L	8260C
Tetrachloroethene (PCE)	19			5.0	ug/L	8260C
Trichloroethene (TCE)	13			5.0	ug/L	8260C
Total Target Volatiles (TTV)	69.0			5.0	ug/L	8260C

CLIENT ID: OS-7R 2020 Q4	Lab ID: R2011848-017

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	9.6			5.0	ug/L	8260C
Total Target Volatiles (TTV)	9.6			5.0	ug/L	8260C

CLIENT ID: OS-11R 2020 Q4	Lab ID: R2011848-021

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	6.2			5.0	ug/L	8260C
Total Target Volatiles (TTV)	6.2			5.0	ug/L	8260C

CLIENT ID: OS-11D 2020 Q4	Lab ID: R2011848-022

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	26			5.0	ug/L	8260C
Total Target Volatiles (TTV)	26.0			5.0	ug/L	8260C

CLIENT ID: DUP 02 202 Q4	Lab ID: R2011848-026

Analyte	Results	Flag	MDL	MRL	Units	Method
cis-1,2-Dichloroethene	5.3			5.0	ug/L	8260C
Total Target Volatiles (TTV)	5.3			5.0	ug/L	8260C



Sample Receipt Information

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request:R2011848

SAMPLE CROSS-REFERENCE

<u>SAMPLE #</u>	<u>CLIENT SAMPLE ID</u>	<u>DATE</u>	<u>TIME</u>
R2011848-001	W-2 2020 Q4	12/10/2020	0945
R2011848-002	U-6D 2020 Q4	12/10/2020	1145
R2011848-003	MW-12 2020 Q4	12/10/2020	1000
R2011848-004	MW-13 2020 Q4	12/10/2020	1015
R2011848-005	OW-1 2020 Q4	12/10/2020	1045
R2011848-006	OW-2 2020 Q4	12/10/2020	1100
R2011848-007	PW-2 2020 Q4	12/10/2020	1030
R2011848-008	RI-6 2020 Q4	12/10/2020	1130
R2011848-009	DUP-01 2020 Q4	12/10/2020	1035
R2011848-010	EB-01 2020 Q4	12/10/2020	0930
R2011848-011	TRIP BLANK-01 2020 Q4	12/10/2020	
R2011848-012	OS-2R 2020 Q4	12/11/2020	0950
R2011848-013	OS-5R 2020 Q4	12/11/2020	0900
R2011848-014	OS-5D 2020 Q4	12/11/2020	0915
R2011848-015	OS-6 2020 Q4	12/10/2020	1245
R2011848-016	OS-6R 2020 Q4	12/10/2020	1300
R2011848-017	OS-7R 2020 Q4	12/11/2020	1025
R2011848-018	OS-7D 2020 Q4	12/11/2020	1045
R2011848-019	OS-9 2020 Q4	12/11/2020	1120
R2011848-020	OS-9R 2020 Q4	12/11/2020	1105
R2011848-021	OS-11R 2020 Q4	12/10/2020	1435
R2011848-022	OS-11D 2020 Q4	12/10/2020	1430
R2011848-023	OS-12R 2020 Q4	12/11/2020	1145
R2011848-024	OS-15R 2020 Q4	12/11/2020	1245
R2011848-025	OS-15D 2020 Q4	12/11/2020	1225
R2011848-026	DUP 02 202 Q4	12/11/2020	1125
R2011848-028	TRIP BLANK-02 2020 Q4	12/11/2020	



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

001837

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 1 OF 3

Project Name Blauvelt - Xerox (Q4)		Project Number 461-06-00		ANALYSIS REQUESTED (Include Method Number and Container Preservative)															
Project Manager Laurence F. Coddington		Report CC (LFC)		PRESERVATIVE															
Company/Address GWI - Hydrogeology, P.C.		Email lcoddington@xerox.com		NUMBER OF CONTAINERS GC/MS VOAs • 8280 • 824 • CLP GC/MS SVOCs • 8270 • 825 GC VOAs • 8021 • 801/802 PESTICIDES • 8081 • 808 PCBs • 8092 • 808 METALS, TOTAL (List in comments below) METALS, DISSOLVED (List in comments below) 805 IL Amber Preservative Key 0. NONE 1. HCL 2. HNO₃ 3. H₂SO₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO₄ 8. Other _____															
Phone # 845-457-9988		Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name Laurence F. Coddington		REMARKS/ ALTERNATE DESCRIPTION													
CLIENT SAMPLE ID	FOR OFFICE USE ONLY LAB ID	DATE	TIME	MATRIX															
W-2	-001	12/10/20	9:45	GW	5	3											2		
MW-12	-003	12/10/20	10:00	GW	5	3											2		
MW-13	-004	12/10/20	10:15	GW	5	3											2		
PW-2	-007	12/10/20	10:30	GW	5	3											2		
DP-01	-009	12/10/20	10:35	GW	5	3											2		
EB-01	-010	12/10/20	9:30	AD	5	3											2	EDQMAT BLANK	
OW-1	-005	12/10/20	10:45	GW	3	3													
OW-2	-006	12/10/20	11:00	GW	3	3													
RT-6	-008	12/10/20	11:30	GW	3	3													
U-6D	-002	12/10/20	11:45	GW	3	3													
OS-6*	-015	12/10/20	12:45	GW	6	6*												* ms/msd	
SPECIAL INSTRUCTIONS/COMMENTS Metals * OS-6 includes 3 VOAs for ms/msd.					TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day Standard (10 business days-No Surcharge) REQUESTED REPORT DATE					REPORT REQUIREMENTS I. Results Only II. Results + OC Summaries (LCS, DUP, MS/MSD as required) III. Results + OC and Calibration Summaries IV. Data Validation Report with Raw Data Edata Yes No					INVOICE INFORMATION PO # BILL TO:				
See QAPP ☐																			
STATE WHERE SAMPLES WERE COLLECTED Blauvelt, New York																			
RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY		RELINQUISHED BY		RECEIVED BY					
Signature <i>[Signature]</i>		Signature <i>[Signature]</i>		Signature <i>[Signature]</i>		Signature <i>[Signature]</i>		Signature <i>[Signature]</i>		Signature <i>[Signature]</i>		Signature <i>[Signature]</i>		Signature <i>[Signature]</i>					
Printed Name Laurence F. Coddington		Printed Name Gregory C. Emerson		Printed Name Laurence F. Coddington		Printed Name Gregory C. Emerson		Printed Name Laurence F. Coddington		Printed Name Gregory C. Emerson		Printed Name Laurence F. Coddington		Printed Name Gregory C. Emerson					
Firm GWI		Firm ALS		Firm GWI		Firm ALS		Firm GWI		Firm ALS		Firm GWI		Firm ALS					
Date/Time 12/11/20 16:00		Date/Time 12/12/20 11:35		Date/Time 12/11/20 16:00		Date/Time 12/12/20 11:35		Date/Time 12/11/20 16:00		Date/Time 12/12/20 11:35		Date/Time 12/11/20 16:00		Date/Time 12/12/20 11:35					

R2011848
Xerox Corporation USA
Blauvelt Wells - Xerox (Q4)

5



Project Name Blauvelt-Wells (Q4)				Project Number 461-06-00				ANALYSIS REQUESTED (Include Method Number and Container Preservative)																															
Project Manager Lawrence F. Coddington				Report CC (LCS)				PRESERVATIVE																															
Company/Address GW - Hydrogeology, P.C. 18 Bridge Street Montgomery, NY 12549				Phone 518-457-9955				Email lcoddington@hik.rr.com				NUMBER OF CONTAINERS																											
Sampler's Signature [Signature]				Sampler's Printed Name Lawrence F. Coddington				PRESERVATIVE KEY 0. NONE 1. HCL 2. HNO3 3. H2SO4 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO4 8. Other _____																															
CLIENT SAMPLE ID				FOR OFFICE USE ONLY LAB ID		SAMPLING DATE		TIME		MATRIX		REMARKS/ALTERNATE DESCRIPTION																											
OS-6R				-016		12/10/20		13:00		GW		3 3																											
OS-11D				-022		12/10/20		14:30		GW		3 3																											
OS-11R				-021		12/10/20		14:35		GW		3 3																											
OS-5R				-013		12/11/20		9:00		GW		3 3																											
OS-5D				-014		12/11/20		9:15		GW		3 3																											
OS-2R				-012		12/11/20		9:50		GW		3 3																											
OS-7R				-017		12/11/20		10:25		GW		3 3																											
OS-7D				-018		12/11/20		10:45		GW		3 3																											
OS-9R				-020		12/11/20		11:05		GW		3 3																											
OS-9				-019		12/11/20		11:20		GW		3 3																											
DUP-02				-026		12/11/20		11:25		GW		3 3																											
SPECIAL INSTRUCTIONS/COMMENTS Metals										TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day Standard (10 business days-No Surcharge) REQUESTED REPORT DATE										REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data Edate Yes No										INVOICE INFORMATION PO # BILL TO:									
STATE WHERE SAMPLES WERE COLLECTED Blauvelt, New York										RECEIVED BY [Signature] Printed Name Gregory V. Emerim Firm ALS Date/Time 12/22/20 11:35										RECEIVED BY [Signature] Printed Name [Signature] Firm GW Date/Time 12/11/16:00										RECEIVED BY [Signature] Printed Name [Signature] Firm GW Date/Time 12/22/20 11:35									



CHAIN OF CUSTODY/LABORATORY ANALYSIS REQUEST FORM

001839

1565 Jefferson Road, Building 300, Suite 360 • Rochester, NY 14623 | +1 585 288 5380 +1 585 288 8475 (fax) PAGE 3 OF 3

Project Name Blauvelt Wells (Q4)		Project Number 461-00-00		ANALYSIS REQUESTED (Include Method Number and Container Preservative)																																																							
Project Manager Laurence F. Cohnigan		Report CC (LFC)		PRESERVATIVE																																																							
Company/Address GWI-Hydrogeology, P.C. 18 Bridge Street Montgomery, New York 12549		Phone # 518-451-9955		Email lcohnigan@wv.com		NUMBER OF CONTAINERS																																																					
Sampler's Signature <i>[Signature]</i>		Sampler's Printed Name Laurence F. Cohnigan		PRESERVATIVE KEY 0. NONE 1. HCL 2. HNO ₃ 3. H ₂ SO ₄ 4. NaOH 5. Zn. Acetate 6. MeOH 7. NaHSO ₄ 8. Other _____																																																							
CLIENT SAMPLE ID		FOR OFFICE USE ONLY LAB ID		SAMPLING DATE		TIME		MATRIX		REMARKS/ALTERNATE DESCRIPTION																																																	
OS-12R		-023		12/11/20		11:45		GW		3 3																																																	
OS-15D		-025		12/11/20		12:25		GW		3 3																																																	
OS-15R		-024		12/11/20		12:45		GW		3 3																																																	
TRIP-01		-011		---		---		---		3 3																																																	
TRIP-02		-028		---		---		---		3 3																																																	
SPECIAL INSTRUCTIONS/COMMENTS Metals																				TURNAROUND REQUIREMENTS RUSH (SURCHARGES APPLY) 1 day 2 day 3 day 4 day 5 day Standard (10 business days-No Surcharge) REQUESTED REPORT DATE										REPORT REQUIREMENTS I. Results Only II. Results + QC Summaries (LCS, DUP, MS/MSD as required) III. Results + QC and Calibration Summaries IV. Data Validation Report with Raw Data Edata Yes No										INVOICE INFORMATION PO # BILL TO:																			
STATE WHERE SAMPLES WERE COLLECTED																				RELINQUISHED BY										RECEIVED BY										RELINQUISHED BY										RECEIVED BY									
Signature <i>[Signature]</i>																				Signature <i>[Signature]</i>										Signature <i>[Signature]</i>										Signature <i>[Signature]</i>										Signature <i>[Signature]</i>									
Printed Name Laurence F. Cohnigan																				Printed Name Gregory O. Emerson										Printed Name										Printed Name										Printed Name									
Firm GWI																				Firm ALS										Firm										Firm										Firm									
Date/Time 12/11/20 16:00																				Date/Time 12/12/20 11:35										Date/Time										Date/Time										Date/Time									

R2011848
Xerox Corporation USA
Blauvelt Wells - Xerox (Q4)

5



Cooler Receipt and Preservation Check Form

R2011848

Xerox Corporation USA
Blauvelt Wells - Xerox (Q4)

5

Project/Client GWI Folder Number _____

Cooler received on 12/12/2020 by: KE COURIER: ALS UPS FEDEX VELOCITY CLIENT

1	Were Custody seals on outside of cooler?	<u>Y</u> N
2	Custody papers properly completed (ink, signed)?	<u>Y</u> N
3	Did all bottles arrive in good condition (unbroken)?	<u>Y</u> N
4	Circle: <u>Wet Ice</u> Dry Ice Gel packs present?	<u>Y</u> N

5a	Perchlorate samples have required headspace?	Y N <u>NA</u>
5b	Did VOA vials Alk, or Sulfide have sig* bubbles?	Y N <u>NA</u>
6	Where did the bottles originate?	<u>ALS/ROC</u> CLIENT
7	Soil VOA received as: Bulk Encore 5035set	<u>NA</u>

8. Temperature Readings Date: 12/12/2020 Time: 1:51 ID: IR#7 IR#10 From: Temp Blank Sample Bottle

Observed Temp (°C)	<u>7.5</u>	<u>6.9</u>					
Within 0-6°C?	<u>Y</u> <u>N</u>	<u>Y</u> <u>N</u>	Y N	Y N	Y N	Y N	Y N
If <0°C, were samples frozen?	Y N	Y N	Y N	Y N	Y N	Y N	Y N

If out of Temperature, note packing/ice condition: _____ Ice melted Poorly Packed (described below) X Same Day Rule
& Client Approval to Run Samples: _____ Standing Approval Client aware at drop-off Client notified by: _____

All samples held in storage location: REC-2 by KE on 12/12/2020 at 6:00
5035 samples placed in storage location: _____ by _____ on _____ at _____ within 48 hours of sampling? Y N

Cooler Breakdown/Preservation Check**: Date: 12/14/2020 Time: 14:19 by: AD

9. Were all bottle labels complete (i.e. analysis, preservation, etc.)? YES NO
10. Did all bottle labels and tags agree with custody papers? YES NO
11. Were correct containers used for the tests indicated? YES NO
12. Were 5035 vials acceptable (no extra labels, not leaking)? YES NO
13. Air Samples: Cassettes / Tubes Intact Y / N with MS Y / N Canisters Pressurized Tedlar® Bags Inflated N/A

pH	Lot of test paper	Reagent	Preserved?		Lot Received	Exp	Sample ID Adjusted	Vol. Added	Lot Added	Final pH
≥12		NaOH	Yes	No						
≤2		HNO ₃								
≤2		H ₂ SO ₄								
<4		NaHSO ₄								
5-9		For 608pest			No=Notify for 3day					
Residual Chlorine (-)		For CN, Phenol, 625, 608pest, 522			If +, contact PM to add Na ₂ S ₂ O ₃ (625, 608, CN), ascorbic (phenol).					
		Na ₂ S ₂ O ₃								
		ZnAcetate	-	-						
		HCl	**	**						

**VOAs and 1664 Not to be tested before analysis.
Otherwise, all bottles of all samples with chemical preservatives are checked (not just representatives).

Bottle lot numbers: 0-283-001 0-132-001

Explain all Discrepancies/ Other Comments:

* SVOA: 1 broken ampere each for ; Dup-01
PW-2
W-2

VOA: 1 vial broken for OSAR

* Bags of ice placed on top of bubble bagged bottles and vials.

HPROD	BULK
HTR	FLDT
SUB	HGFB
ALS	LL3541

Labels secondary reviewed by: AD

PC Secondary Review: WV

*significant air bubbles: VOA > 5-6 mm : WC > 1 in. diameter

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OW-1	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 10:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp	45 Degrees F, Slight Breeze		Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	13.56	☒ From inner casing	☐ From protective casing		
Bottom Depth	35.33	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.48	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	11.0	Well Volumes		3.16	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30.0				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.93	pH (SU)	pH (SU)		
temp @	13.91	temp @	temp @		
Cond (us/cm)	792	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	11.8	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	7.00	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-3.0	eH/ORP	eH/ORP		
Comments/Remarks	Clear, No odor, No sheen.				

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FIELD DATA SAMPLING SHEET

Sample ID	OW-2	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 11:00 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp	45 Degrees F, Slight Breeze		Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.07	☒ From inner casing	☐ From protective casing		
Bottom Depth	32.85	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.32	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	10.5	Well Volumes		3.16	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30.0				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.92	pH (SU)		pH (SU)	
temp @	14.03	temp @		temp @	
Cond (us/cm)	853	Cond (us/cm)		Cond (us/cm)	
Turb (NTU)	40.6	Turb (NTU)		Turb (NTU)	
Diss. O2 (mg/l)	6.31	Diss. O2 (mg/l)		Diss. O2 (mg/l)	
eH/ORP	-2.6	eH/ORP		eH/ORP	
Comments/Remarks	Slightly Turbid, no odor, no sheen				

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FIELD DATA SAMPLING SHEET

Sample ID	PW-2/DUP-01	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 10:30 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp	45 Degrees F, Slight Breeze		Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	3"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.40	☐ From inner casing	☒ From protective casing		
Bottom Depth	20.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.37	Water Volume in Well (in gallons)		2.90	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	1 bails/gal	Number of Bails			
Volume Purged (gal)	10.0	Well Volumes		3.44	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~18				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.67	pH (SU)	pH (SU)		
temp @	13.54	temp @	temp @		
Cond (us/cm)	850	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	68.7	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	8.14	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-4.7	eH/ORP	eH/ORP		
Comments/Remarks	Iron color, no odor, no sheen, turbid				
	DUP-01 collected at 10:30 (8260 & 8015)				

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FIELD DATA SAMPLING SHEET

Sample ID	W-2	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 9:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 45 Degrees F, Slight Breeze			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	5.89	☐ From inner casing	☒ From protective casing		
Bottom Depth	13.98	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		1.29	
Well Condition	OK				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	2.50	Well Volumes		1.93	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
	☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer
	☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct
	☐ Other			☐ Stainless spoon	☐ Split spoon
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~13.5				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.67	pH (SU)	pH (SU)		
temp @	12.08	temp @	temp @		
Cond (us/cm)	568	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	303	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.87	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-11.2	eH/ORP	eH/ORP		
Comments/Remarks					
Turbid (Fe Bacteria), no odor, no sheen.					

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FIELD DATA SAMPLING SHEET

Sample ID	MW-12	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 10:00 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp	45 Degrees F, Slight Breeze		Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	10.93	☒ From inner casing	☐ From protective casing		
Bottom Depth	14.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.56	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	1.5	Well Volumes		2.66	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~10'				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.66	pH (SU)	pH (SU)		
temp @	14.24	temp @	temp @		
Cond (us/cm)	815	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	13.9	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.14	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-2.2	eH/ORP	eH/ORP		
Comments/Remarks	Allowed to recover clear, no odor, no sheen.				

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FIELD DATA SAMPLING SHEET

Sample ID	MW-13	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 10:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp	45 Degrees F, Slight Breeze		Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	14.86	☒ From inner casing	☐ From protective casing		
Bottom Depth	15.60	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		0.12	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	4 bails/gal	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	0.75	Well Volumes		6.33	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~12'				
Sample containers	3-40 ml VOA vials, 2-1L ambers (Method 8260/8015)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	-	pH (SU)	pH (SU)		
temp @	-	temp @	temp @		
Cond (us/cm)	-	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	70.9	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	-	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-	eH/ORP	eH/ORP		
Comments/Remarks	turbid, floaters, suspended organic debris (Fe bacteria)				
	no odor, no sheen; no field readings due to low volume except for turbidity.				

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FIELD DATA SAMPLING SHEET

Sample ID	RI-6	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 11:30 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp	45 Degrees F, Slight Breeze		Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.74	☒ From inner casing	☐ From protective casing		
Bottom Depth	23.55	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		1.73	
Well Condition	Poor				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	5.50	Well Volumes		3.18	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.58	pH (SU)		pH (SU)	
temp @	15.02	temp @		temp @	
Cond (us/cm)	733	Cond (us/cm)		Cond (us/cm)	
Turb (NTU)	11.4	Turb (NTU)		Turb (NTU)	
Diss. O2 (mg/l)	5.86	Diss. O2 (mg/l)		Diss. O2 (mg/l)	
eH/ORP	-3.9	eH/ORP		eH/ORP	
Comments/Remarks	Clear, no odor, no sheen				

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FIELD DATA SAMPLING SHEET

Sample ID	U6-D	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 11:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp	45 Degrees F, Slight Breeze		Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	7.30	☐ From inner casing	☒ From protective casing		
Bottom Depth	26.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.03	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	5.0	Well Volumes		1.65	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.58	pH (SU)	pH (SU)		
temp @	13.10	temp @	temp @		
Cond (us/cm)	698	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	14.0	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	9.43	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-6.7	eH/ORP	eH/ORP		
Comments/Remarks	Clear, No odor, No sheen.				

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FIELD DATA SAMPLING SHEET

Sample ID	OS-2R	Project Location	Blauvelt - Xerox	Sample Date/Time	12/11/20 9:50 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 29 Degrees F, Calm			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☒ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	19.60	☐ From inner casing	☐ From protective casing		
Bottom Depth	46.35	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.28	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	1 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	14.0	Well Volumes		3.27	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~45				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.05	pH (SU)	pH (SU)		
temp @	13.91	temp @	temp @		
Cond (us/cm)	747	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	4.02	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.80	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-15.6	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

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FIELD DATA SAMPLING SHEET

Sample ID	OS-5R	Project Location	Blauvelt - Xerox	Sample Date/Time	12/11/20 9:00 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 29 Degrees F, Calm			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	10.66	☐ From inner casing	☒ From protective casing		
Bottom Depth	37.85	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.35	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☐ No		
Pumping Rate		Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	14.00	Well Volumes		3.22	
Time Purge Complete		Well evacuated?		☒ No	

SAMPLING DATA					
	☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer
	☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct
	☐ Other			☐ Stainless spoon	☐ Split spoon
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~25'				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.75	pH (SU)	pH (SU)		
temp @	13.37	temp @	temp @		
Cond (us/cm)	778	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	6.75	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.15	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-41.6	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-5D	Project Location	Blauvelt - Xerox	Sample Date/Time	12/11/20 9:15 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 29 Degrees F, Calm			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☒ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	15.27	☒ From inner casing	☐ From protective casing		
Bottom Depth	74.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		38.47	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 gpm	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	150.0	Well Volumes		3.90	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~70				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.01	pH (SU)	pH (SU)		
temp @	12.97	temp @	temp @		
Cond (us/cm)	661	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.51	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	8.75	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-34.8	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-6	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 12:45 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp	45 Degrees F, Slight Breeze		Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	12.08	☒ From inner casing	☐ From protective casing		
Bottom Depth	23.65	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		1.85	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	6.50	Well Volumes		3.51	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~20				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.92	pH (SU)	pH (SU)		
temp @	12.70	temp @	temp @		
Cond (us/cm)	689	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	239	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	7.29	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-7.3	eH/ORP	eH/ORP		
Comments/Remarks	Turbid (orange), no odor, no sheen				
	6 VOAs total including 3 VOAs for QA/QC (MS/MSD)				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-6R	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 1:00 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp	45 Degrees F, Slight Breeze		Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	13.78	☒ From inner casing	☐ From protective casing		
Bottom Depth	43.3	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.72	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	6.0	Well Volumes		1.27	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Submersible	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~35				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.93	pH (SU)	pH (SU)		
temp @	12.31	temp @	temp @		
Cond (us/cm)	764	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	68.4	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.19	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-20.2	eH/ORP	eH/ORP		
Comments/Remarks	Clear to slightly turbid (orange color), no odor, no sheen; minor Fe bacteria particles in sample				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-7R	Project Location	Blauvelt - Xerox	Sample Date/Time	12/11/20 10:25 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 29 Degrees F, Calm			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	13.64	☒ From inner casing	☐ From protective casing		
Bottom Depth	36.45	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.65	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	11.5	Well Volumes		3.15	
Time Purge Complete		Well evacuated?	☐ Yes	☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~30				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	6.95	pH (SU)	pH (SU)		
temp @	13.55	temp @	temp @		
Cond (us/cm)	803	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	6.14	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.65	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-27.8	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-7D	Project Location	Blauvelt - Xerox	Sample Date/Time	12/11/20 10:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 29 Degrees F, Calm			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	10.49	☒ From inner casing	☐ From protective casing		
Bottom Depth	68.00	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		37.38	
Well Condition	Good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?	☐ Yes	☒ No			
Pumping Rate	3 gpm	Elapsed Time			
Bail Volume		Number of Bails			
Volume Purged (gal)	120.0	Well Volumes		3.21	
Time Purge Complete		Well evacuated?	☐ Yes	☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~65				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.07	pH (SU)	pH (SU)		
temp @	12.69	temp @	temp @		
Cond (us/cm)	695	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.77	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.83	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-29.6	eH/ORP	eH/ORP		
Comments/Remarks	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-9/DUP-02	Project Location	Blauvelt - Xerox	Sample Date/Time	12/11/20 11:20 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 29 Degrees F, Calm			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	5.02	☒ From inner casing	☐ From protective casing		
Bottom Depth	20.50	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		2.48	
Well Condition	Poor				

MONITORING WELL PURGE DATA					
	☐ Submersible	☒ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?	☐ Yes		☒ No		
Pumping Rate	0.25 gpm	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	8.0	Well Volumes		3.23	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes		☒ No	
Metals field filtered?		☐ Yes		☒ No	
Depth of sample (ft.)	~19				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.32	pH (SU)	pH (SU)		
temp @	15.22	temp @	temp @		
Cond (us/cm)	758	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	3.71	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	3.37	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-51.0	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				
	Duplicate (DUP-02) collected at 11:25				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-9R	Project Location	Blauvelt - Xerox	Sample Date/Time	12/11/20 11:05 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 29 Degrees F, Calm			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	36.62	☒ From inner casing	☐ From protective casing		
Bottom Depth	43.80	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		1.15	
Well Condition	Good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	1.50	Well Volumes		1.31	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~43				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	10.22	pH (SU)		pH (SU)	
temp @	13.53	temp @		temp @	
Cond (us/cm)	303	Cond (us/cm)		Cond (us/cm)	
Turb (NTU)	5.83	Turb (NTU)		Turb (NTU)	
Diss. O2 (mg/l)	6.94	Diss. O2 (mg/l)		Diss. O2 (mg/l)	
eH/ORP	-4.48	eH/ORP		eH/ORP	
Comments/Remarks	Evacuated after 1.5 gallon purge				
	Clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-11R	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 2:35 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp	45 Degrees F, Slight Breeze		Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	23.45	☒ From inner casing	☐ From protective casing		
Bottom Depth	44.80	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.42	
Well Condition	good				

MONITORING WELL PURGE DATA					
☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer		
☒ Poly bailer	☐ Teflon bailer	☐ Other			
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal	Number of Bails			
Volume Purged (gal)	11.0	Well Volumes		3.22	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~35				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.10	pH (SU)	pH (SU)		
temp @	11.87	temp @	temp @		
Cond (us/cm)	1,057	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	10.5	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.94	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-12.9	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-11D	Project Location	Blauvelt - Xerox	Sample Date/Time	12/10/20 2:30 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 45 Degrees F, Slight Breeze		Observer		

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	4"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	22.00	☐ From inner casing	☐ From protective casing		
Bottom Depth	75.40	☐ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.65	Water Volume in Well (in gallons)		34.71	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	3 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	120.0	Well Volumes		3.46	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~70				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.36	pH (SU)	pH (SU)		
temp @	12.06	temp @	temp @		
Cond (us/cm)	572	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	1.17	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	6.08	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-15.0	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-12R	Project Location	Blauvelt - Xerox	Sample Date/Time	12/11/20 11:45 AM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 29 Degrees F, Calm			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	10.97	☒ From inner casing	☐ From protective casing		
Bottom Depth	33.00	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		3.52	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☐ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☒ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate		Elapsed Time			
Bail Volume	4 bails/gal.	Number of Bails			
Volume Purged (gal)	5.0	Well Volumes		1.42	
Time Purge Complete		Well evacuated?		☒ Yes ☐ No	

SAMPLING DATA					
☐ Peristaltic pump	☐ Hand corer	☐ PVC bailer	☒ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~32				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.98	pH (SU)	pH (SU)		
temp @	15.23	temp @	temp @		
Cond (us/cm)	419	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	554	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	5.44	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-53.3	eH/ORP	eH/ORP		
Comments/Remarks	Turbid (orange color Fe bacteria), no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-15R	Project Location	Blauvelt - Xerox	Sample Date/Time	12/11/20 12:45 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 29 Degrees F, Calm			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☐ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	18.82	☒ From inner casing	☐ From protective casing		
Bottom Depth	49.40	☒ From inner casing	☐ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		4.89	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☐ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	1 GPM	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	20.0	Well Volumes		4.09	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~47				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.07	pH (SU)	pH (SU)		
temp @	14.31	temp @	temp @		
Cond (us/cm)	788	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	2.14	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	3.60	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-50.5	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

Ground Water Investigations-Hydrogeology, P.C.

18 Bridge Street - Montgomery, New York 12549 - (845) 457-9955

FIELD DATA SAMPLING SHEET

Sample ID	OS-15D	Project Location	Blauvelt - Xerox	Sample Date/Time	12/11/20 12:25 PM
Bottle Set (lab)	N/A	Project Number	461-06-00	Field Personnel	LFC
Weather Conditions	Clear/Sunny- Temp 29 Degrees F, Calm			Observer	

SAMPLE TYPE	☐ Composite	☐ Leachate	☐ Grab	☒ Soil	☐ Sediment
	☒ Groundwater	☐ Surface Water	☐ Industrial	☐ Storm Sewer	☐ Gas
	☐ Other				

MONITORING WELL DATA					
Casing Diameter	2"	☐ PVC	☒ Steel	☐ Other	
Static Water Level	13.64	☒ From inner casing	☐ From protective casing		
Bottom Depth	82.25	☐ From inner casing	☒ From protective casing		
Static Water Level Indicator Type:		☐ Steel/PVC tape	☒ Electronic	☐ Other	
Linear Conversion	0.16	Water Volume in Well (in gallons)		10.98	
Well Condition	good				

MONITORING WELL PURGE DATA					
	☒ Submersible	☐ Peristaltic pump	☐ Suction pump	☐ PVC Bailer	
	☐ Poly bailer	☐ Teflon bailer	☒ Other		
Dedicated purge equipment?		☐ Yes	☒ No		
Pumping Rate	2.0	Elapsed Time			
Bail Volume	-	Number of Bails			
Volume Purged (gal)	36.0	Well Volumes		3.28	
Time Purge Complete		Well evacuated?		☐ Yes ☒ No	

SAMPLING DATA					
☒ Submersible	☐ Hand corer	☐ PVC bailer	☐ Poly bailer	☐ Teflon bailer	
☐ Stainless bucket	☐ Hand auger	☐ Poly cup	☐ Tedlar bag	☐ Direct	
☐ Other			☐ Stainless spoon	☐ Split spoon	
Dedicated sampling equipment?		☐ Yes	☒ No		
Metals field filtered?		☐ Yes	☒ No		
Depth of sample (ft.)	~75				
Sample containers	3-40 ml VOA vials (Method 8260)				

PHYSICAL AND CHEMICAL DATA					
pH (SU)	7.14	pH (SU)	pH (SU)		
temp @	14.09	temp @	temp @		
Cond (us/cm)	796	Cond (us/cm)	Cond (us/cm)		
Turb (NTU)	2.14	Turb (NTU)	Turb (NTU)		
Diss. O2 (mg/l)	4.34	Diss. O2 (mg/l)	Diss. O2 (mg/l)		
eH/ORP	-53.6	eH/ORP	eH/ORP		
Comments/Remarks	clear, no odor, no sheen				

BLAUVELT-XEROX SITE
NYSDEC SITE NO. 3-044-021
BLAUVELT, ROCKLAND COUNTY, NEW YORK
QUARTERLY GROUNDWATER MONITORING PROGRAM
4th QUARTER - DECEMBER 2020 SAMPLING EVENT

SUMMARY OF STATIC WATER LEVEL MEASUREMENTS

Monitoring Well ID	Static Water Level*	Comments
On-Site Groundwater Monitoring Wells		
W-2**	5.89	TOC (no inner casing)
MW-12	10.93	
MW-13	14.86	
PW-2**	12.40	TOC (no inner casing)
OW-1	13.56	
OW-2	12.07	
RI-6	12.74	
U-6D	7.32	
Off-Site Groundwater Monitoring Wells		
OS-2R	19.60	
OS-5R	10.66	
OS-5D	15.27	
OS-6	12.08	
OS-6R	13.78	
OS-7R	13.64	
OS-7D	10.49	
OS-9	5.02	Kinked at ~5.5.feet
OS-9R	36.62	
OS-11R	23.45	
OS-11D	22.00	
OS-12R	10.97	
OS-15R	18.82	
OS-15D	13.64	

Notes:

- * Static water levels were collected from the top of the inner casing (TIC) except where noted.
- ** Static water levels were collected from the top of the outer steel casing (TOC).



Miscellaneous Forms

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com

REPORT QUALIFIERS AND DEFINITIONS

U	Analyte was analyzed for but not detected. The sample quantitation limit has been corrected for dilution and for percent moisture, unless otherwise noted in the case narrative.	+	Correlation coefficient for MSA is <0.995.
J	Estimated value due to either being a Tentatively Identified Compound (TIC) or that the concentration is between the MRL and the MDL. Concentrations are not verified within the linear range of the calibration. For DoD: concentration >40% difference between two GC columns (pesticides/Aroclors).	N	Inorganics- Matrix spike recovery was outside laboratory limits.
B	Analyte was also detected in the associated method blank at a concentration that may have contributed to the sample result.	N	Organics- Presumptive evidence of a compound (reported as a TIC) based on the MS library search.
E	Inorganics- Concentration is estimated due to the serial dilution was outside control limits.	S	Concentration has been determined using Method of Standard Additions (MSA).
E	Organics- Concentration has exceeded the calibration range for that specific analysis.	W	Post-Digestion Spike recovery is outside control limits and the sample absorbance is <50% of the spike absorbance.
D	Concentration is a result of a dilution, typically a secondary analysis of the sample due to exceeding the calibration range or that a surrogate has been diluted out of the sample and cannot be assessed.	P	Concentration >40% difference between the two GC columns.
*	Indicates that a quality control parameter has exceeded laboratory limits. Under the "Notes" column of the Form I, this qualifier denotes analysis was performed out of Holding Time.	C	Confirmed by GC/MS
H	Analysis was performed out of hold time for tests that have an "immediate" hold time criteria.	Q	DoD reports: indicates a pesticide/Aroclor is not confirmed (100% Difference between two GC columns).
#	Spike was diluted out.	X	See Case Narrative for discussion.
		MRL	Method Reporting Limit. Also known as:
		LOQ	Limit of Quantitation (LOQ) The lowest concentration at which the method analyte may be reliably quantified under the method conditions.
		MDL	Method Detection Limit. A statistical value derived from a study designed to provide the lowest concentration that will be detected 99% of the time. Values between the MDL and MRL are estimated (see J qualifier).
		LOD	Limit of Detection. A value at or above the MDL which has been verified to be detectable.
		ND	Non-Detect. Analyte was not detected at the concentration listed. Same as U qualifier.



Rochester Lab ID # for State Certifications¹

Connecticut ID # PH0556	Maine ID #NY0032	Pennsylvania ID# 68-786
Delaware Approved	New Hampshire ID # 2941	Rhode Island ID # 158
DoD ELAP #65817	New York ID # 10145	Virginia #460167
Florida ID # E87674	North Carolina #676	

¹ Analyses were performed according to our laboratory's NELAP-approved quality assurance program and any applicable state or agency requirements. The test results meet requirements of the current NELAP/TNI standards or state or agency requirements, where applicable, except as noted in the case narrative. Since not all analyte/method/matrix combinations are offered for state/NELAC accreditation, this report may contain results which are not accredited. For a specific list of accredited analytes, contact the laboratory or go to <https://www.alsglobal.com/locations/americas/north-america/usa/new-york/rochester-environmental>

ALS Laboratory Group

Acronyms

ASTM	American Society for Testing and Materials
A2LA	American Association for Laboratory Accreditation
CARB	California Air Resources Board
CAS Number	Chemical Abstract Service registry Number
CFC	Chlorofluorocarbon
CFU	Colony-Forming Unit
DEC	Department of Environmental Conservation
DEQ	Department of Environmental Quality
DHS	Department of Health Services
DOE	Department of Ecology
DOH	Department of Health
EPA	U. S. Environmental Protection Agency
ELAP	Environmental Laboratory Accreditation Program
GC	Gas Chromatography
GC/MS	Gas Chromatography/Mass Spectrometry
LUFT	Leaking Underground Fuel Tank
M	Modified
MCL	Maximum Contaminant Level is the highest permissible concentration of a substance allowed in drinking water as established by the USEPA.
MDL	Method Detection Limit
MPN	Most Probable Number
MRL	Method Reporting Limit
NA	Not Applicable
NC	Not Calculated
NCASI	National Council of the Paper Industry for Air and Stream Improvement
ND	Not Detected
NIOSH	National Institute for Occupational Safety and Health
PQL	Practical Quantitation Limit
RCRA	Resource Conservation and Recovery Act
SIM	Selected Ion Monitoring
TPH	Total Petroleum Hydrocarbons
tr	Trace level is the concentration of an analyte that is less than the PQL but greater than or equal to the MDL.

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848

Non-Certified Analytes

Certifying Agency: New York Department of Health

Method	Matrix	Analyte
8015C	Water	Mineral Spirits
8260C	Water	Total Target Volatiles (TTV)

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848

Sample Name: W-2 2020 Q4
Lab Code: R2011848-001
Sample Matrix: Water

Date Collected: 12/10/20
Date Received: 12/12/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: U-6D 2020 Q4
Lab Code: R2011848-002
Sample Matrix: Water

Date Collected: 12/10/20
Date Received: 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: MW-12 2020 Q4
Lab Code: R2011848-003
Sample Matrix: Water

Date Collected: 12/10/20
Date Received: 12/12/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: MW-12 2020 Q4
Lab Code: R2011848-003.R01
Sample Matrix: Water

Date Collected: 12/10/20
Date Received: 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
FNAEGLER

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848

Sample Name: MW-13 2020 Q4
Lab Code: R2011848-004
Sample Matrix: Water

Date Collected: 12/10/20
Date Received: 12/12/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: OW-1 2020 Q4
Lab Code: R2011848-005
Sample Matrix: Water

Date Collected: 12/10/20
Date Received: 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OW-2 2020 Q4
Lab Code: R2011848-006
Sample Matrix: Water

Date Collected: 12/10/20
Date Received: 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: PW-2 2020 Q4
Lab Code: R2011848-007
Sample Matrix: Water

Date Collected: 12/10/20
Date Received: 12/12/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848

Sample Name: PW-2 2020 Q4
Lab Code: R2011848-007.R01
Sample Matrix: Water

Date Collected: 12/10/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
FNAEGLER

Sample Name: RI-6 2020 Q4
Lab Code: R2011848-008
Sample Matrix: Water

Date Collected: 12/10/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: DUP-01 2020 Q4
Lab Code: R2011848-009
Sample Matrix: Water

Date Collected: 12/10/20**Date Received:** 12/12/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
FNAEGLER

Sample Name: DUP-01 2020 Q4
Lab Code: R2011848-009.R01
Sample Matrix: Water

Date Collected: 12/10/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.
dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848

Sample Name: EB-01 2020 Q4
Lab Code: R2011848-010
Sample Matrix: Water

Date Collected: 12/10/20
Date Received: 12/12/20

Analysis Method
8015C
8260C

Extracted/Digested By
KSERCU

Analyzed By
AFELSER
KRUEST

Sample Name: TRIP BLANK-01 2020 Q4
Lab Code: R2011848-011
Sample Matrix: Water

Date Collected: 12/10/20
Date Received: 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-2R 2020 Q4
Lab Code: R2011848-012
Sample Matrix: Water

Date Collected: 12/11/20
Date Received: 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-5R 2020 Q4
Lab Code: R2011848-013
Sample Matrix: Water

Date Collected: 12/11/20
Date Received: 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.

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Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848

Sample Name: OS-5D 2020 Q4
Lab Code: R2011848-014
Sample Matrix: Water

Date Collected: 12/11/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-6 2020 Q4
Lab Code: R2011848-015
Sample Matrix: Water

Date Collected: 12/10/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-6R 2020 Q4
Lab Code: R2011848-016
Sample Matrix: Water

Date Collected: 12/10/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-7R 2020 Q4
Lab Code: R2011848-017
Sample Matrix: Water

Date Collected: 12/11/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-7D 2020 Q4
Lab Code: R2011848-018
Sample Matrix: Water

Date Collected: 12/11/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848

Sample Name: OS-9 2020 Q4
Lab Code: R2011848-019
Sample Matrix: Water

Date Collected: 12/11/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-9R 2020 Q4
Lab Code: R2011848-020
Sample Matrix: Water

Date Collected: 12/11/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-11R 2020 Q4
Lab Code: R2011848-021
Sample Matrix: Water

Date Collected: 12/10/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-11D 2020 Q4
Lab Code: R2011848-022
Sample Matrix: Water

Date Collected: 12/10/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-12R 2020 Q4
Lab Code: R2011848-023
Sample Matrix: Water

Date Collected: 12/11/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

ALS Group USA, Corp.

dba ALS Environmental

Analyst Summary report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848

Sample Name: OS-15R 2020 Q4
Lab Code: R2011848-024
Sample Matrix: Water

Date Collected: 12/11/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: OS-15D 2020 Q4
Lab Code: R2011848-025
Sample Matrix: Water

Date Collected: 12/11/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: DUP 02 202 Q4
Lab Code: R2011848-026
Sample Matrix: Water

Date Collected: 12/11/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST

Sample Name: TRIP BLANK-02 2020 Q4
Lab Code: R2011848-028
Sample Matrix: Water

Date Collected: 12/11/20**Date Received:** 12/12/20

Analysis Method
8260C

Extracted/Digested By

Analyzed By
KRUEST



INORGANIC PREPARATION METHODS

The preparation methods associated with this report are found in these tables unless discussed in the case narrative.

Water/Liquid Matrix

Analytical Method	Preparation Method
200.7	200.2
200.8	200.2
6010C	3005A/3010A
6020A	ILM05.3
9034 Sulfide Acid Soluble	9030B
SM 4500-CN-E Residual Cyanide	SM 4500-CN-G
SM 4500-CN-E WAD Cyanide	SM 4500-CN-I

Solid/Soil/Non-Aqueous Matrix

Analytical Method	Preparation Method
6010C	3050B
6020A	3050B
6010C TCLP (1311) extract	3005A/3010A
6010 SPLP (1312) extract	3005A/3010A
7199	3060A
300.0 Anions/ 350.1/ 353.2/ SM 2320B/ SM 5210B/ 9056A Anions	DI extraction
For analytical methods not listed, the preparation method is the same as the analytical method reference.	



Sample Results

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 09:45
Date Received: 12/12/20 11:35

Sample Name: W-2 2020 Q4
Lab Code: R2011848-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 15:45	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 15:45	
Bromoform	5.0 U	5.0	1	12/16/20 15:45	
Bromomethane	5.0 U	5.0	1	12/16/20 15:45	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 15:45	
Chlorobenzene	5.0 U	5.0	1	12/16/20 15:45	
Chloroethane	5.0 U	5.0	1	12/16/20 15:45	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 15:45	
Chloroform	5.0 U	5.0	1	12/16/20 15:45	
Chloromethane	5.0 U	5.0	1	12/16/20 15:45	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 15:45	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 15:45	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 15:45	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 15:45	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 15:45	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 15:45	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 15:45	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 15:45	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 15:45	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 15:45	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 15:45	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 15:45	
Ethylbenzene	5.0 U	5.0	1	12/16/20 15:45	
Methylene Chloride	5.0 U	5.0	1	12/16/20 15:45	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 15:45	
Toluene	5.0 U	5.0	1	12/16/20 15:45	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 15:45	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 15:45	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/16/20 15:45	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 15:45	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 15:45	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 15:45	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 15:45	
o-Xylene	5.0 U	5.0	1	12/16/20 15:45	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/16/20 15:45	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 09:45
Date Received: 12/12/20 11:35

Sample Name: W-2 2020 Q4
Lab Code: R2011848-001

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/16/20 15:45	
Dibromofluoromethane	95	80 - 116	12/16/20 15:45	
Toluene-d8	92	87 - 121	12/16/20 15:45	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 11:45
Date Received: 12/12/20 11:35

Sample Name: U-6D 2020 Q4
Lab Code: R2011848-002

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 16:07	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 16:07	
Bromoform	5.0 U	5.0	1	12/16/20 16:07	
Bromomethane	5.0 U	5.0	1	12/16/20 16:07	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 16:07	
Chlorobenzene	5.0 U	5.0	1	12/16/20 16:07	
Chloroethane	5.0 U	5.0	1	12/16/20 16:07	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 16:07	
Chloroform	5.0 U	5.0	1	12/16/20 16:07	
Chloromethane	5.0 U	5.0	1	12/16/20 16:07	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 16:07	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 16:07	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 16:07	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 16:07	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 16:07	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 16:07	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 16:07	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 16:07	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 16:07	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 16:07	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 16:07	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 16:07	
Ethylbenzene	5.0 U	5.0	1	12/16/20 16:07	
Methylene Chloride	5.0 U	5.0	1	12/16/20 16:07	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 16:07	
Toluene	5.0 U	5.0	1	12/16/20 16:07	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 16:07	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 16:07	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/16/20 16:07	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 16:07	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 16:07	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 16:07	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 16:07	
o-Xylene	5.0 U	5.0	1	12/16/20 16:07	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/16/20 16:07	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 11:45
Date Received: 12/12/20 11:35

Sample Name: U-6D 2020 Q4
Lab Code: R2011848-002

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	12/16/20 16:07	
Dibromofluoromethane	94	80 - 116	12/16/20 16:07	
Toluene-d8	99	87 - 121	12/16/20 16:07	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:00
Date Received: 12/12/20 11:35

Sample Name: MW-12 2020 Q4
Lab Code: R2011848-003

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	130 U	130	25	12/18/20 01:34	*
Bromodichloromethane	130 U	130	25	12/18/20 01:34	*
Bromoform	130 U	130	25	12/18/20 01:34	*
Bromomethane	130 U	130	25	12/18/20 01:34	*
Carbon Tetrachloride	130 U	130	25	12/18/20 01:34	*
Chlorobenzene	130 U	130	25	12/18/20 01:34	*
Chloroethane	130 U	130	25	12/18/20 01:34	*
2-Chloroethyl Vinyl Ether	130 U	130	25	12/18/20 01:34	*
Chloroform	130 U	130	25	12/18/20 01:34	*
Chloromethane	130 U	130	25	12/18/20 01:34	*
Dibromochloromethane	130 U	130	25	12/18/20 01:34	*
1,2-Dichlorobenzene	130 U	130	25	12/18/20 01:34	*
1,3-Dichlorobenzene	130 U	130	25	12/18/20 01:34	*
1,4-Dichlorobenzene	130 U	130	25	12/18/20 01:34	*
1,1-Dichloroethane (1,1-DCA)	130 U	130	25	12/18/20 01:34	*
1,2-Dichloroethane	130 U	130	25	12/18/20 01:34	*
1,1-Dichloroethene (1,1-DCE)	130 U	130	25	12/18/20 01:34	*
trans-1,2-Dichloroethene	130 U	130	25	12/18/20 01:34	*
cis-1,2-Dichloroethene	3800	130	25	12/18/20 01:34	*
1,2-Dichloropropane	130 U	130	25	12/18/20 01:34	*
cis-1,3-Dichloropropene	130 U	130	25	12/18/20 01:34	*
trans-1,3-Dichloropropene	130 U	130	25	12/18/20 01:34	*
Ethylbenzene	130 U	130	25	12/18/20 01:34	*
Methylene Chloride	130 U	130	25	12/18/20 01:34	*
1,1,2,2-Tetrachloroethane	130 U	130	25	12/18/20 01:34	*
Toluene	130 U	130	25	12/18/20 01:34	*
1,1,1-Trichloroethane (TCA)	130 U	130	25	12/18/20 01:34	*
1,1,2-Trichloroethane	130 U	130	25	12/18/20 01:34	*
Tetrachloroethene (PCE)	130 U	130	25	12/18/20 01:34	*
Trichloroethene (TCE)	130 U	130	25	12/18/20 01:34	*
Trichlorofluoromethane (CFC 11)	130 U	130	25	12/18/20 01:34	*
Vinyl Chloride	130 U	130	25	12/18/20 01:34	*
m,p-Xylenes	130 U	130	25	12/18/20 01:34	*
o-Xylene	130 U	130	25	12/18/20 01:34	*
Total Target Volatiles (TTV)	3800.0	125.0	25	12/18/20 01:34	*

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:00
Date Received: 12/12/20 11:35

Sample Name: MW-12 2020 Q4
Lab Code: R2011848-003

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	101	85 - 122	12/18/20 01:34	
Dibromofluoromethane	104	80 - 116	12/18/20 01:34	
Toluene-d8	111	87 - 121	12/18/20 01:34	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:15
Date Received: 12/12/20 11:35

Sample Name: MW-13 2020 Q4
Lab Code: R2011848-004

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 16:29	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 16:29	
Bromoform	5.0 U	5.0	1	12/16/20 16:29	
Bromomethane	5.0 U	5.0	1	12/16/20 16:29	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 16:29	
Chlorobenzene	5.0 U	5.0	1	12/16/20 16:29	
Chloroethane	5.0 U	5.0	1	12/16/20 16:29	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 16:29	
Chloroform	5.0 U	5.0	1	12/16/20 16:29	
Chloromethane	5.0 U	5.0	1	12/16/20 16:29	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 16:29	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 16:29	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 16:29	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 16:29	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 16:29	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 16:29	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 16:29	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 16:29	
cis-1,2-Dichloroethene	22	5.0	1	12/16/20 16:29	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 16:29	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 16:29	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 16:29	
Ethylbenzene	5.0 U	5.0	1	12/16/20 16:29	
Methylene Chloride	5.0 U	5.0	1	12/16/20 16:29	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 16:29	
Toluene	5.0 U	5.0	1	12/16/20 16:29	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 16:29	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 16:29	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/16/20 16:29	
Trichloroethene (TCE)	5.1	5.0	1	12/16/20 16:29	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 16:29	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 16:29	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 16:29	
o-Xylene	5.0 U	5.0	1	12/16/20 16:29	
Total Target Volatiles (TTV)	27.1	5.0	1	12/16/20 16:29	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:15
Date Received: 12/12/20 11:35

Sample Name: MW-13 2020 Q4
Lab Code: R2011848-004

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	12/16/20 16:29	
Dibromofluoromethane	93	80 - 116	12/16/20 16:29	
Toluene-d8	98	87 - 121	12/16/20 16:29	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:45
Date Received: 12/12/20 11:35

Sample Name: OW-1 2020 Q4
Lab Code: R2011848-005

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 16:51	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 16:51	
Bromoform	5.0 U	5.0	1	12/16/20 16:51	
Bromomethane	5.0 U	5.0	1	12/16/20 16:51	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 16:51	
Chlorobenzene	5.0 U	5.0	1	12/16/20 16:51	
Chloroethane	5.0 U	5.0	1	12/16/20 16:51	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 16:51	
Chloroform	5.0 U	5.0	1	12/16/20 16:51	
Chloromethane	5.0 U	5.0	1	12/16/20 16:51	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 16:51	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 16:51	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 16:51	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 16:51	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 16:51	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 16:51	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 16:51	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 16:51	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 16:51	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 16:51	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 16:51	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 16:51	
Ethylbenzene	5.0 U	5.0	1	12/16/20 16:51	
Methylene Chloride	5.0 U	5.0	1	12/16/20 16:51	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 16:51	
Toluene	5.0 U	5.0	1	12/16/20 16:51	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 16:51	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 16:51	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/16/20 16:51	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 16:51	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 16:51	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 16:51	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 16:51	
o-Xylene	5.0 U	5.0	1	12/16/20 16:51	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/16/20 16:51	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:45
Date Received: 12/12/20 11:35

Sample Name: OW-1 2020 Q4
Lab Code: R2011848-005

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	12/16/20 16:51	
Dibromofluoromethane	92	80 - 116	12/16/20 16:51	
Toluene-d8	96	87 - 121	12/16/20 16:51	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 11:00
Date Received: 12/12/20 11:35

Sample Name: OW-2 2020 Q4
Lab Code: R2011848-006

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 17:13	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 17:13	
Bromoform	5.0 U	5.0	1	12/16/20 17:13	
Bromomethane	5.0 U	5.0	1	12/16/20 17:13	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 17:13	
Chlorobenzene	5.0 U	5.0	1	12/16/20 17:13	
Chloroethane	5.0 U	5.0	1	12/16/20 17:13	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 17:13	
Chloroform	5.0 U	5.0	1	12/16/20 17:13	
Chloromethane	5.0 U	5.0	1	12/16/20 17:13	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 17:13	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 17:13	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 17:13	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 17:13	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 17:13	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 17:13	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 17:13	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 17:13	
cis-1,2-Dichloroethene	130	5.0	1	12/16/20 17:13	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 17:13	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 17:13	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 17:13	
Ethylbenzene	5.0 U	5.0	1	12/16/20 17:13	
Methylene Chloride	5.0 U	5.0	1	12/16/20 17:13	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 17:13	
Toluene	5.0 U	5.0	1	12/16/20 17:13	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 17:13	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 17:13	
Tetrachloroethene (PCE)	6.4	5.0	1	12/16/20 17:13	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 17:13	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 17:13	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 17:13	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 17:13	
o-Xylene	5.0 U	5.0	1	12/16/20 17:13	
Total Target Volatiles (TTV)	136.4	5.0	1	12/16/20 17:13	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 11:00
Date Received: 12/12/20 11:35

Sample Name: OW-2 2020 Q4
Lab Code: R2011848-006

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	12/16/20 17:13	
Dibromofluoromethane	93	80 - 116	12/16/20 17:13	
Toluene-d8	100	87 - 121	12/16/20 17:13	

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dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:30
Date Received: 12/12/20 11:35

Sample Name: PW-2 2020 Q4
Lab Code: R2011848-007

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	25 U	25	5	12/18/20 00:50	*
Bromodichloromethane	25 U	25	5	12/18/20 00:50	*
Bromoform	25 U	25	5	12/18/20 00:50	*
Bromomethane	25 U	25	5	12/18/20 00:50	*
Carbon Tetrachloride	25 U	25	5	12/18/20 00:50	*
Chlorobenzene	25 U	25	5	12/18/20 00:50	*
Chloroethane	25 U	25	5	12/18/20 00:50	*
2-Chloroethyl Vinyl Ether	25 U	25	5	12/18/20 00:50	*
Chloroform	25 U	25	5	12/18/20 00:50	*
Chloromethane	25 U	25	5	12/18/20 00:50	*
Dibromochloromethane	25 U	25	5	12/18/20 00:50	*
1,2-Dichlorobenzene	25 U	25	5	12/18/20 00:50	*
1,3-Dichlorobenzene	25 U	25	5	12/18/20 00:50	*
1,4-Dichlorobenzene	25 U	25	5	12/18/20 00:50	*
1,1-Dichloroethane (1,1-DCA)	25 U	25	5	12/18/20 00:50	*
1,2-Dichloroethane	25 U	25	5	12/18/20 00:50	*
1,1-Dichloroethene (1,1-DCE)	25 U	25	5	12/18/20 00:50	*
trans-1,2-Dichloroethene	25 U	25	5	12/18/20 00:50	*
cis-1,2-Dichloroethene	770	25	5	12/18/20 00:50	*
1,2-Dichloropropane	25 U	25	5	12/18/20 00:50	*
cis-1,3-Dichloropropene	25 U	25	5	12/18/20 00:50	*
trans-1,3-Dichloropropene	25 U	25	5	12/18/20 00:50	*
Ethylbenzene	25 U	25	5	12/18/20 00:50	*
Methylene Chloride	25 U	25	5	12/18/20 00:50	*
1,1,2,2-Tetrachloroethane	25 U	25	5	12/18/20 00:50	*
Toluene	25 U	25	5	12/18/20 00:50	*
1,1,1-Trichloroethane (TCA)	25 U	25	5	12/18/20 00:50	*
1,1,2-Trichloroethane	25 U	25	5	12/18/20 00:50	*
Tetrachloroethene (PCE)	25 U	25	5	12/18/20 00:50	*
Trichloroethene (TCE)	25 U	25	5	12/18/20 00:50	*
Trichlorofluoromethane (CFC 11)	25 U	25	5	12/18/20 00:50	*
Vinyl Chloride	25 U	25	5	12/18/20 00:50	*
m,p-Xylenes	25 U	25	5	12/18/20 00:50	*
o-Xylene	25 U	25	5	12/18/20 00:50	*
Total Target Volatiles (TTV)	770.0	25.0	5	12/18/20 00:50	*

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:30
Date Received: 12/12/20 11:35

Sample Name: PW-2 2020 Q4
Lab Code: R2011848-007

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	100	85 - 122	12/18/20 00:50	
Dibromofluoromethane	104	80 - 116	12/18/20 00:50	
Toluene-d8	109	87 - 121	12/18/20 00:50	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 11:30
Date Received: 12/12/20 11:35

Sample Name: RI-6 2020 Q4
Lab Code: R2011848-008

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 17:35	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 17:35	
Bromoform	5.0 U	5.0	1	12/16/20 17:35	
Bromomethane	5.0 U	5.0	1	12/16/20 17:35	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 17:35	
Chlorobenzene	5.0 U	5.0	1	12/16/20 17:35	
Chloroethane	5.0 U	5.0	1	12/16/20 17:35	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 17:35	
Chloroform	5.0 U	5.0	1	12/16/20 17:35	
Chloromethane	5.0 U	5.0	1	12/16/20 17:35	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 17:35	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 17:35	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 17:35	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 17:35	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 17:35	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 17:35	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 17:35	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 17:35	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 17:35	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 17:35	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 17:35	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 17:35	
Ethylbenzene	5.0 U	5.0	1	12/16/20 17:35	
Methylene Chloride	5.0 U	5.0	1	12/16/20 17:35	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 17:35	
Toluene	5.0 U	5.0	1	12/16/20 17:35	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 17:35	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 17:35	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/16/20 17:35	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 17:35	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 17:35	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 17:35	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 17:35	
o-Xylene	5.0 U	5.0	1	12/16/20 17:35	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/16/20 17:35	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 11:30
Date Received: 12/12/20 11:35

Sample Name: RI-6 2020 Q4
Lab Code: R2011848-008

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	91	85 - 122	12/16/20 17:35	
Dibromofluoromethane	93	80 - 116	12/16/20 17:35	
Toluene-d8	98	87 - 121	12/16/20 17:35	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:35
Date Received: 12/12/20 11:35

Sample Name: DUP-01 2020 Q4
Lab Code: R2011848-009

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 18:19	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 18:19	
Bromoform	5.0 U	5.0	1	12/16/20 18:19	
Bromomethane	5.0 U	5.0	1	12/16/20 18:19	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 18:19	
Chlorobenzene	5.0 U	5.0	1	12/16/20 18:19	
Chloroethane	5.0 U	5.0	1	12/16/20 18:19	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 18:19	
Chloroform	5.0 U	5.0	1	12/16/20 18:19	
Chloromethane	5.0 U	5.0	1	12/16/20 18:19	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 18:19	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 18:19	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 18:19	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 18:19	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 18:19	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 18:19	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 18:19	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 18:19	
cis-1,2-Dichloroethene	780 D	25	5	12/18/20 01:12	*
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 18:19	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 18:19	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 18:19	
Ethylbenzene	5.0 U	5.0	1	12/16/20 18:19	
Methylene Chloride	5.0 U	5.0	1	12/16/20 18:19	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 18:19	
Toluene	5.0 U	5.0	1	12/16/20 18:19	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 18:19	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 18:19	
Tetrachloroethene (PCE)	5.9	5.0	1	12/16/20 18:19	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 18:19	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 18:19	
Vinyl Chloride	14	5.0	1	12/16/20 18:19	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 18:19	
o-Xylene	5.0 U	5.0	1	12/16/20 18:19	
Total Target Volatiles (TTV)	799.9	5.0	1	12/18/20 01:12	*

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:35
Date Received: 12/12/20 11:35

Sample Name: DUP-01 2020 Q4
Lab Code: R2011848-009

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	12/16/20 18:19	
Dibromofluoromethane	97	80 - 116	12/16/20 18:19	
Toluene-d8	100	87 - 121	12/16/20 18:19	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 09:30
Date Received: 12/12/20 11:35

Sample Name: EB-01 2020 Q4
Lab Code: R2011848-010

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 15:01	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 15:01	
Bromoform	5.0 U	5.0	1	12/16/20 15:01	
Bromomethane	5.0 U	5.0	1	12/16/20 15:01	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 15:01	
Chlorobenzene	5.0 U	5.0	1	12/16/20 15:01	
Chloroethane	5.0 U	5.0	1	12/16/20 15:01	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 15:01	
Chloroform	5.0 U	5.0	1	12/16/20 15:01	
Chloromethane	5.0 U	5.0	1	12/16/20 15:01	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 15:01	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 15:01	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 15:01	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 15:01	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 15:01	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 15:01	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 15:01	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 15:01	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 15:01	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 15:01	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 15:01	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 15:01	
Ethylbenzene	5.0 U	5.0	1	12/16/20 15:01	
Methylene Chloride	5.0 U	5.0	1	12/16/20 15:01	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 15:01	
Toluene	5.0 U	5.0	1	12/16/20 15:01	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 15:01	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 15:01	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/16/20 15:01	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 15:01	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 15:01	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 15:01	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 15:01	
o-Xylene	5.0 U	5.0	1	12/16/20 15:01	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/16/20 15:01	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 09:30
Date Received: 12/12/20 11:35

Sample Name: EB-01 2020 Q4
Lab Code: R2011848-010

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	12/16/20 15:01	
Dibromofluoromethane	97	80 - 116	12/16/20 15:01	
Toluene-d8	107	87 - 121	12/16/20 15:01	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20
Date Received: 12/12/20 11:35

Sample Name: TRIP BLANK-01 2020 Q4
Lab Code: R2011848-011

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 14:39	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 14:39	
Bromoform	5.0 U	5.0	1	12/16/20 14:39	
Bromomethane	5.0 U	5.0	1	12/16/20 14:39	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 14:39	
Chlorobenzene	5.0 U	5.0	1	12/16/20 14:39	
Chloroethane	5.0 U	5.0	1	12/16/20 14:39	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 14:39	
Chloroform	5.0 U	5.0	1	12/16/20 14:39	
Chloromethane	5.0 U	5.0	1	12/16/20 14:39	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 14:39	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 14:39	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 14:39	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 14:39	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 14:39	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 14:39	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 14:39	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 14:39	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 14:39	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 14:39	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 14:39	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 14:39	
Ethylbenzene	5.0 U	5.0	1	12/16/20 14:39	
Methylene Chloride	5.0 U	5.0	1	12/16/20 14:39	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 14:39	
Toluene	5.0 U	5.0	1	12/16/20 14:39	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 14:39	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 14:39	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/16/20 14:39	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 14:39	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 14:39	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 14:39	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 14:39	
o-Xylene	5.0 U	5.0	1	12/16/20 14:39	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/16/20 14:39	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20
Date Received: 12/12/20 11:35

Sample Name: TRIP BLANK-01 2020 Q4
Lab Code: R2011848-011

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	12/16/20 14:39	
Dibromofluoromethane	93	80 - 116	12/16/20 14:39	
Toluene-d8	99	87 - 121	12/16/20 14:39	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 09:50
Date Received: 12/12/20 11:35

Sample Name: OS-2R 2020 Q4
Lab Code: R2011848-012

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 00:53	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 00:53	
Bromoform	5.0 U	5.0	1	12/17/20 00:53	
Bromomethane	5.0 U	5.0	1	12/17/20 00:53	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 00:53	
Chlorobenzene	5.0 U	5.0	1	12/17/20 00:53	
Chloroethane	5.0 U	5.0	1	12/17/20 00:53	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 00:53	
Chloroform	5.0 U	5.0	1	12/17/20 00:53	
Chloromethane	5.0 U	5.0	1	12/17/20 00:53	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 00:53	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 00:53	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 00:53	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 00:53	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 00:53	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 00:53	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 00:53	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 00:53	
cis-1,2-Dichloroethene	32	5.0	1	12/17/20 00:53	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 00:53	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 00:53	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 00:53	
Ethylbenzene	5.0 U	5.0	1	12/17/20 00:53	
Methylene Chloride	5.0 U	5.0	1	12/17/20 00:53	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 00:53	
Toluene	5.0 U	5.0	1	12/17/20 00:53	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 00:53	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 00:53	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 00:53	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 00:53	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 00:53	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 00:53	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 00:53	
o-Xylene	5.0 U	5.0	1	12/17/20 00:53	
Total Target Volatiles (TTV)	32.0	5.0	1	12/17/20 00:53	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 09:50
Date Received: 12/12/20 11:35

Sample Name: OS-2R 2020 Q4
Lab Code: R2011848-012

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	89	85 - 122	12/17/20 00:53	
Dibromofluoromethane	92	80 - 116	12/17/20 00:53	
Toluene-d8	97	87 - 121	12/17/20 00:53	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 09:00
Date Received: 12/12/20 11:35

Sample Name: OS-5R 2020 Q4
Lab Code: R2011848-013

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 01:15	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 01:15	
Bromoform	5.0 U	5.0	1	12/17/20 01:15	
Bromomethane	5.0 U	5.0	1	12/17/20 01:15	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 01:15	
Chlorobenzene	5.0 U	5.0	1	12/17/20 01:15	
Chloroethane	5.0 U	5.0	1	12/17/20 01:15	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 01:15	
Chloroform	5.0 U	5.0	1	12/17/20 01:15	
Chloromethane	5.0 U	5.0	1	12/17/20 01:15	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 01:15	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 01:15	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 01:15	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 01:15	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 01:15	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 01:15	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 01:15	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 01:15	
cis-1,2-Dichloroethene	39	5.0	1	12/17/20 01:15	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 01:15	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 01:15	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 01:15	
Ethylbenzene	5.0 U	5.0	1	12/17/20 01:15	
Methylene Chloride	5.0 U	5.0	1	12/17/20 01:15	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 01:15	
Toluene	5.0 U	5.0	1	12/17/20 01:15	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 01:15	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 01:15	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 01:15	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 01:15	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 01:15	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 01:15	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 01:15	
o-Xylene	5.0 U	5.0	1	12/17/20 01:15	
Total Target Volatiles (TTV)	39.0	5.0	1	12/17/20 01:15	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 09:00
Date Received: 12/12/20 11:35

Sample Name: OS-5R 2020 Q4
Lab Code: R2011848-013

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	12/17/20 01:15	
Dibromofluoromethane	92	80 - 116	12/17/20 01:15	
Toluene-d8	98	87 - 121	12/17/20 01:15	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 09:15
Date Received: 12/12/20 11:35

Sample Name: OS-5D 2020 Q4
Lab Code: R2011848-014

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 01:37	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 01:37	
Bromoform	5.0 U	5.0	1	12/17/20 01:37	
Bromomethane	5.0 U	5.0	1	12/17/20 01:37	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 01:37	
Chlorobenzene	5.0 U	5.0	1	12/17/20 01:37	
Chloroethane	5.0 U	5.0	1	12/17/20 01:37	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 01:37	
Chloroform	5.0 U	5.0	1	12/17/20 01:37	
Chloromethane	5.0 U	5.0	1	12/17/20 01:37	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 01:37	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 01:37	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 01:37	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 01:37	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 01:37	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 01:37	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 01:37	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 01:37	
cis-1,2-Dichloroethene	20	5.0	1	12/17/20 01:37	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 01:37	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 01:37	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 01:37	
Ethylbenzene	5.0 U	5.0	1	12/17/20 01:37	
Methylene Chloride	5.0 U	5.0	1	12/17/20 01:37	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 01:37	
Toluene	5.0 U	5.0	1	12/17/20 01:37	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 01:37	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 01:37	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 01:37	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 01:37	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 01:37	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 01:37	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 01:37	
o-Xylene	5.0 U	5.0	1	12/17/20 01:37	
Total Target Volatiles (TTV)	20.0	5.0	1	12/17/20 01:37	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 09:15
Date Received: 12/12/20 11:35

Sample Name: OS-5D 2020 Q4
Lab Code: R2011848-014

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	12/17/20 01:37	
Dibromofluoromethane	93	80 - 116	12/17/20 01:37	
Toluene-d8	97	87 - 121	12/17/20 01:37	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 12:45
Date Received: 12/12/20 11:35

Sample Name: OS-6 2020 Q4
Lab Code: R2011848-015

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 15:23	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 15:23	
Bromoform	5.0 U	5.0	1	12/16/20 15:23	
Bromomethane	5.0 U	5.0	1	12/16/20 15:23	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 15:23	
Chlorobenzene	5.0 U	5.0	1	12/16/20 15:23	
Chloroethane	5.0 U	5.0	1	12/16/20 15:23	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 15:23	
Chloroform	5.0 U	5.0	1	12/16/20 15:23	
Chloromethane	5.0 U	5.0	1	12/16/20 15:23	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 15:23	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 15:23	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 15:23	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 15:23	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 15:23	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 15:23	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 15:23	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 15:23	
cis-1,2-Dichloroethene	23	5.0	1	12/16/20 15:23	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 15:23	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 15:23	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 15:23	
Ethylbenzene	5.0 U	5.0	1	12/16/20 15:23	
Methylene Chloride	5.0 U	5.0	1	12/16/20 15:23	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 15:23	
Toluene	5.0 U	5.0	1	12/16/20 15:23	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 15:23	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 15:23	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/16/20 15:23	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 15:23	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 15:23	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 15:23	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 15:23	
o-Xylene	5.0 U	5.0	1	12/16/20 15:23	
Total Target Volatiles (TTV)	23.0	5.0	1	12/16/20 15:23	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 12:45
Date Received: 12/12/20 11:35

Sample Name: OS-6 2020 Q4
Lab Code: R2011848-015

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	89	85 - 122	12/16/20 15:23	
Dibromofluoromethane	92	80 - 116	12/16/20 15:23	
Toluene-d8	98	87 - 121	12/16/20 15:23	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 13:00
Date Received: 12/12/20 11:35

Sample Name: OS-6R 2020 Q4
Lab Code: R2011848-016

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 17:57	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 17:57	
Bromoform	5.0 U	5.0	1	12/16/20 17:57	
Bromomethane	5.0 U	5.0	1	12/16/20 17:57	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 17:57	
Chlorobenzene	5.0 U	5.0	1	12/16/20 17:57	
Chloroethane	5.0 U	5.0	1	12/16/20 17:57	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 17:57	
Chloroform	5.0 U	5.0	1	12/16/20 17:57	
Chloromethane	5.0 U	5.0	1	12/16/20 17:57	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 17:57	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 17:57	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 17:57	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 17:57	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 17:57	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 17:57	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 17:57	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 17:57	
cis-1,2-Dichloroethene	37	5.0	1	12/16/20 17:57	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 17:57	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 17:57	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 17:57	
Ethylbenzene	5.0 U	5.0	1	12/16/20 17:57	
Methylene Chloride	5.0 U	5.0	1	12/16/20 17:57	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 17:57	
Toluene	5.0 U	5.0	1	12/16/20 17:57	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 17:57	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 17:57	
Tetrachloroethene (PCE)	19	5.0	1	12/16/20 17:57	
Trichloroethene (TCE)	13	5.0	1	12/16/20 17:57	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 17:57	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 17:57	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 17:57	
o-Xylene	5.0 U	5.0	1	12/16/20 17:57	
Total Target Volatiles (TTV)	69.0	5.0	1	12/16/20 17:57	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 13:00
Date Received: 12/12/20 11:35

Sample Name: OS-6R 2020 Q4
Lab Code: R2011848-016

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	91	85 - 122	12/16/20 17:57	
Dibromofluoromethane	90	80 - 116	12/16/20 17:57	
Toluene-d8	97	87 - 121	12/16/20 17:57	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 10:25
Date Received: 12/12/20 11:35

Sample Name: OS-7R 2020 Q4
Lab Code: R2011848-017

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 01:59	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 01:59	
Bromoform	5.0 U	5.0	1	12/17/20 01:59	
Bromomethane	5.0 U	5.0	1	12/17/20 01:59	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 01:59	
Chlorobenzene	5.0 U	5.0	1	12/17/20 01:59	
Chloroethane	5.0 U	5.0	1	12/17/20 01:59	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 01:59	
Chloroform	5.0 U	5.0	1	12/17/20 01:59	
Chloromethane	5.0 U	5.0	1	12/17/20 01:59	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 01:59	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 01:59	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 01:59	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 01:59	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 01:59	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 01:59	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 01:59	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 01:59	
cis-1,2-Dichloroethene	9.6	5.0	1	12/17/20 01:59	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 01:59	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 01:59	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 01:59	
Ethylbenzene	5.0 U	5.0	1	12/17/20 01:59	
Methylene Chloride	5.0 U	5.0	1	12/17/20 01:59	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 01:59	
Toluene	5.0 U	5.0	1	12/17/20 01:59	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 01:59	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 01:59	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 01:59	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 01:59	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 01:59	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 01:59	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 01:59	
o-Xylene	5.0 U	5.0	1	12/17/20 01:59	
Total Target Volatiles (TTV)	9.6	5.0	1	12/17/20 01:59	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 10:25
Date Received: 12/12/20 11:35

Sample Name: OS-7R 2020 Q4
Lab Code: R2011848-017

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	93	85 - 122	12/17/20 01:59	
Dibromofluoromethane	96	80 - 116	12/17/20 01:59	
Toluene-d8	97	87 - 121	12/17/20 01:59	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 10:45
Date Received: 12/12/20 11:35

Sample Name: OS-7D 2020 Q4
Lab Code: R2011848-018

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 02:21	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 02:21	
Bromoform	5.0 U	5.0	1	12/17/20 02:21	
Bromomethane	5.0 U	5.0	1	12/17/20 02:21	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 02:21	
Chlorobenzene	5.0 U	5.0	1	12/17/20 02:21	
Chloroethane	5.0 U	5.0	1	12/17/20 02:21	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 02:21	
Chloroform	5.0 U	5.0	1	12/17/20 02:21	
Chloromethane	5.0 U	5.0	1	12/17/20 02:21	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 02:21	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 02:21	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 02:21	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 02:21	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 02:21	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 02:21	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 02:21	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 02:21	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 02:21	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 02:21	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 02:21	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 02:21	
Ethylbenzene	5.0 U	5.0	1	12/17/20 02:21	
Methylene Chloride	5.0 U	5.0	1	12/17/20 02:21	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 02:21	
Toluene	5.0 U	5.0	1	12/17/20 02:21	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 02:21	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 02:21	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 02:21	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 02:21	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 02:21	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 02:21	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 02:21	
o-Xylene	5.0 U	5.0	1	12/17/20 02:21	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/17/20 02:21	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 10:45
Date Received: 12/12/20 11:35

Sample Name: OS-7D 2020 Q4
Lab Code: R2011848-018

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	96	85 - 122	12/17/20 02:21	
Dibromofluoromethane	96	80 - 116	12/17/20 02:21	
Toluene-d8	101	87 - 121	12/17/20 02:21	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 11:20
Date Received: 12/12/20 11:35

Sample Name: OS-9 2020 Q4
Lab Code: R2011848-019

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 02:43	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 02:43	
Bromoform	5.0 U	5.0	1	12/17/20 02:43	
Bromomethane	5.0 U	5.0	1	12/17/20 02:43	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 02:43	
Chlorobenzene	5.0 U	5.0	1	12/17/20 02:43	
Chloroethane	5.0 U	5.0	1	12/17/20 02:43	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 02:43	
Chloroform	5.0 U	5.0	1	12/17/20 02:43	
Chloromethane	5.0 U	5.0	1	12/17/20 02:43	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 02:43	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 02:43	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 02:43	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 02:43	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 02:43	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 02:43	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 02:43	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 02:43	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 02:43	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 02:43	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 02:43	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 02:43	
Ethylbenzene	5.0 U	5.0	1	12/17/20 02:43	
Methylene Chloride	5.0 U	5.0	1	12/17/20 02:43	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 02:43	
Toluene	5.0 U	5.0	1	12/17/20 02:43	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 02:43	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 02:43	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 02:43	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 02:43	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 02:43	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 02:43	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 02:43	
o-Xylene	5.0 U	5.0	1	12/17/20 02:43	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/17/20 02:43	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 11:20
Date Received: 12/12/20 11:35

Sample Name: OS-9 2020 Q4
Lab Code: R2011848-019

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	12/17/20 02:43	
Dibromofluoromethane	94	80 - 116	12/17/20 02:43	
Toluene-d8	98	87 - 121	12/17/20 02:43	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 11:05
Date Received: 12/12/20 11:35

Sample Name: OS-9R 2020 Q4
Lab Code: R2011848-020

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 03:05	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 03:05	
Bromoform	5.0 U	5.0	1	12/17/20 03:05	
Bromomethane	5.0 U	5.0	1	12/17/20 03:05	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 03:05	
Chlorobenzene	5.0 U	5.0	1	12/17/20 03:05	
Chloroethane	5.0 U	5.0	1	12/17/20 03:05	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 03:05	
Chloroform	5.0 U	5.0	1	12/17/20 03:05	
Chloromethane	5.0 U	5.0	1	12/17/20 03:05	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 03:05	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 03:05	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 03:05	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 03:05	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 03:05	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 03:05	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 03:05	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 03:05	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 03:05	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 03:05	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 03:05	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 03:05	
Ethylbenzene	5.0 U	5.0	1	12/17/20 03:05	
Methylene Chloride	5.0 U	5.0	1	12/17/20 03:05	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 03:05	
Toluene	5.0 U	5.0	1	12/17/20 03:05	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 03:05	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 03:05	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 03:05	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 03:05	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 03:05	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 03:05	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 03:05	
o-Xylene	5.0 U	5.0	1	12/17/20 03:05	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/17/20 03:05	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 11:05
Date Received: 12/12/20 11:35

Sample Name: OS-9R 2020 Q4
Lab Code: R2011848-020

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	12/17/20 03:05	
Dibromofluoromethane	90	80 - 116	12/17/20 03:05	
Toluene-d8	99	87 - 121	12/17/20 03:05	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 14:35
Date Received: 12/12/20 11:35

Sample Name: OS-11R 2020 Q4
Lab Code: R2011848-021

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 03:27	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 03:27	
Bromoform	5.0 U	5.0	1	12/17/20 03:27	
Bromomethane	5.0 U	5.0	1	12/17/20 03:27	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 03:27	
Chlorobenzene	5.0 U	5.0	1	12/17/20 03:27	
Chloroethane	5.0 U	5.0	1	12/17/20 03:27	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 03:27	
Chloroform	5.0 U	5.0	1	12/17/20 03:27	
Chloromethane	5.0 U	5.0	1	12/17/20 03:27	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 03:27	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 03:27	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 03:27	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 03:27	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 03:27	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 03:27	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 03:27	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 03:27	
cis-1,2-Dichloroethene	6.2	5.0	1	12/17/20 03:27	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 03:27	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 03:27	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 03:27	
Ethylbenzene	5.0 U	5.0	1	12/17/20 03:27	
Methylene Chloride	5.0 U	5.0	1	12/17/20 03:27	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 03:27	
Toluene	5.0 U	5.0	1	12/17/20 03:27	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 03:27	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 03:27	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 03:27	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 03:27	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 03:27	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 03:27	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 03:27	
o-Xylene	5.0 U	5.0	1	12/17/20 03:27	
Total Target Volatiles (TTV)	6.2	5.0	1	12/17/20 03:27	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 14:35
Date Received: 12/12/20 11:35

Sample Name: OS-11R 2020 Q4
Lab Code: R2011848-021

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	97	85 - 122	12/17/20 03:27	
Dibromofluoromethane	93	80 - 116	12/17/20 03:27	
Toluene-d8	98	87 - 121	12/17/20 03:27	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 14:30
Date Received: 12/12/20 11:35

Sample Name: OS-11D 2020 Q4
Lab Code: R2011848-022

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 03:49	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 03:49	
Bromoform	5.0 U	5.0	1	12/17/20 03:49	
Bromomethane	5.0 U	5.0	1	12/17/20 03:49	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 03:49	
Chlorobenzene	5.0 U	5.0	1	12/17/20 03:49	
Chloroethane	5.0 U	5.0	1	12/17/20 03:49	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 03:49	
Chloroform	5.0 U	5.0	1	12/17/20 03:49	
Chloromethane	5.0 U	5.0	1	12/17/20 03:49	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 03:49	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 03:49	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 03:49	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 03:49	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 03:49	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 03:49	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 03:49	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 03:49	
cis-1,2-Dichloroethene	26	5.0	1	12/17/20 03:49	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 03:49	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 03:49	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 03:49	
Ethylbenzene	5.0 U	5.0	1	12/17/20 03:49	
Methylene Chloride	5.0 U	5.0	1	12/17/20 03:49	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 03:49	
Toluene	5.0 U	5.0	1	12/17/20 03:49	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 03:49	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 03:49	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 03:49	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 03:49	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 03:49	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 03:49	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 03:49	
o-Xylene	5.0 U	5.0	1	12/17/20 03:49	
Total Target Volatiles (TTV)	26.0	5.0	1	12/17/20 03:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 14:30
Date Received: 12/12/20 11:35

Sample Name: OS-11D 2020 Q4
Lab Code: R2011848-022

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	12/17/20 03:49	
Dibromofluoromethane	93	80 - 116	12/17/20 03:49	
Toluene-d8	97	87 - 121	12/17/20 03:49	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 11:45
Date Received: 12/12/20 11:35

Sample Name: OS-12R 2020 Q4
Lab Code: R2011848-023

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 04:11	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 04:11	
Bromoform	5.0 U	5.0	1	12/17/20 04:11	
Bromomethane	5.0 U	5.0	1	12/17/20 04:11	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 04:11	
Chlorobenzene	5.0 U	5.0	1	12/17/20 04:11	
Chloroethane	5.0 U	5.0	1	12/17/20 04:11	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 04:11	
Chloroform	5.0 U	5.0	1	12/17/20 04:11	
Chloromethane	5.0 U	5.0	1	12/17/20 04:11	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 04:11	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 04:11	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 04:11	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 04:11	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 04:11	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 04:11	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 04:11	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 04:11	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 04:11	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 04:11	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 04:11	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 04:11	
Ethylbenzene	5.0 U	5.0	1	12/17/20 04:11	
Methylene Chloride	5.0 U	5.0	1	12/17/20 04:11	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 04:11	
Toluene	5.0 U	5.0	1	12/17/20 04:11	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 04:11	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 04:11	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 04:11	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 04:11	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 04:11	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 04:11	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 04:11	
o-Xylene	5.0 U	5.0	1	12/17/20 04:11	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/17/20 04:11	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 11:45
Date Received: 12/12/20 11:35

Sample Name: OS-12R 2020 Q4
Lab Code: R2011848-023

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	12/17/20 04:11	
Dibromofluoromethane	90	80 - 116	12/17/20 04:11	
Toluene-d8	97	87 - 121	12/17/20 04:11	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 12:45
Date Received: 12/12/20 11:35

Sample Name: OS-15R 2020 Q4
Lab Code: R2011848-024

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 04:33	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 04:33	
Bromoform	5.0 U	5.0	1	12/17/20 04:33	
Bromomethane	5.0 U	5.0	1	12/17/20 04:33	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 04:33	
Chlorobenzene	5.0 U	5.0	1	12/17/20 04:33	
Chloroethane	5.0 U	5.0	1	12/17/20 04:33	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 04:33	
Chloroform	5.0 U	5.0	1	12/17/20 04:33	
Chloromethane	5.0 U	5.0	1	12/17/20 04:33	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 04:33	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 04:33	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 04:33	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 04:33	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 04:33	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 04:33	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 04:33	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 04:33	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 04:33	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 04:33	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 04:33	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 04:33	
Ethylbenzene	5.0 U	5.0	1	12/17/20 04:33	
Methylene Chloride	5.0 U	5.0	1	12/17/20 04:33	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 04:33	
Toluene	5.0 U	5.0	1	12/17/20 04:33	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 04:33	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 04:33	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 04:33	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 04:33	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 04:33	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 04:33	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 04:33	
o-Xylene	5.0 U	5.0	1	12/17/20 04:33	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/17/20 04:33	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 12:45
Date Received: 12/12/20 11:35

Sample Name: OS-15R 2020 Q4
Lab Code: R2011848-024

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	12/17/20 04:33	
Dibromofluoromethane	92	80 - 116	12/17/20 04:33	
Toluene-d8	97	87 - 121	12/17/20 04:33	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 12:25
Date Received: 12/12/20 11:35

Sample Name: OS-15D 2020 Q4
Lab Code: R2011848-025

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 04:55	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 04:55	
Bromoform	5.0 U	5.0	1	12/17/20 04:55	
Bromomethane	5.0 U	5.0	1	12/17/20 04:55	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 04:55	
Chlorobenzene	5.0 U	5.0	1	12/17/20 04:55	
Chloroethane	5.0 U	5.0	1	12/17/20 04:55	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 04:55	
Chloroform	5.0 U	5.0	1	12/17/20 04:55	
Chloromethane	5.0 U	5.0	1	12/17/20 04:55	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 04:55	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 04:55	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 04:55	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 04:55	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 04:55	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 04:55	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 04:55	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 04:55	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 04:55	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 04:55	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 04:55	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 04:55	
Ethylbenzene	5.0 U	5.0	1	12/17/20 04:55	
Methylene Chloride	5.0 U	5.0	1	12/17/20 04:55	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 04:55	
Toluene	5.0 U	5.0	1	12/17/20 04:55	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 04:55	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 04:55	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 04:55	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 04:55	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 04:55	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 04:55	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 04:55	
o-Xylene	5.0 U	5.0	1	12/17/20 04:55	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/17/20 04:55	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 12:25
Date Received: 12/12/20 11:35

Sample Name: OS-15D 2020 Q4
Lab Code: R2011848-025

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	94	85 - 122	12/17/20 04:55	
Dibromofluoromethane	92	80 - 116	12/17/20 04:55	
Toluene-d8	99	87 - 121	12/17/20 04:55	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 11:25
Date Received: 12/12/20 11:35

Sample Name: DUP 02 202 Q4
Lab Code: R2011848-026

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 05:17	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 05:17	
Bromoform	5.0 U	5.0	1	12/17/20 05:17	
Bromomethane	5.0 U	5.0	1	12/17/20 05:17	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 05:17	
Chlorobenzene	5.0 U	5.0	1	12/17/20 05:17	
Chloroethane	5.0 U	5.0	1	12/17/20 05:17	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 05:17	
Chloroform	5.0 U	5.0	1	12/17/20 05:17	
Chloromethane	5.0 U	5.0	1	12/17/20 05:17	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 05:17	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 05:17	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 05:17	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 05:17	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 05:17	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 05:17	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 05:17	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 05:17	
cis-1,2-Dichloroethene	5.3	5.0	1	12/17/20 05:17	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 05:17	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 05:17	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 05:17	
Ethylbenzene	5.0 U	5.0	1	12/17/20 05:17	
Methylene Chloride	5.0 U	5.0	1	12/17/20 05:17	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 05:17	
Toluene	5.0 U	5.0	1	12/17/20 05:17	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 05:17	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 05:17	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 05:17	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 05:17	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 05:17	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 05:17	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 05:17	
o-Xylene	5.0 U	5.0	1	12/17/20 05:17	
Total Target Volatiles (TTV)	5.3	5.0	1	12/17/20 05:17	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20 11:25
Date Received: 12/12/20 11:35

Sample Name: DUP 02 202 Q4
Lab Code: R2011848-026

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	95	85 - 122	12/17/20 05:17	
Dibromofluoromethane	94	80 - 116	12/17/20 05:17	
Toluene-d8	99	87 - 121	12/17/20 05:17	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20
Date Received: 12/12/20 11:35

Sample Name: TRIP BLANK-02 2020 Q4
Lab Code: R2011848-028

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 00:32	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 00:32	
Bromoform	5.0 U	5.0	1	12/17/20 00:32	
Bromomethane	5.0 U	5.0	1	12/17/20 00:32	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 00:32	
Chlorobenzene	5.0 U	5.0	1	12/17/20 00:32	
Chloroethane	5.0 U	5.0	1	12/17/20 00:32	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 00:32	
Chloroform	5.0 U	5.0	1	12/17/20 00:32	
Chloromethane	5.0 U	5.0	1	12/17/20 00:32	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 00:32	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 00:32	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 00:32	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 00:32	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 00:32	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 00:32	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 00:32	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 00:32	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 00:32	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 00:32	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 00:32	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 00:32	
Ethylbenzene	5.0 U	5.0	1	12/17/20 00:32	
Methylene Chloride	5.0 U	5.0	1	12/17/20 00:32	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 00:32	
Toluene	5.0 U	5.0	1	12/17/20 00:32	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 00:32	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 00:32	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 00:32	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 00:32	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 00:32	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 00:32	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 00:32	
o-Xylene	5.0 U	5.0	1	12/17/20 00:32	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/17/20 00:32	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/11/20
Date Received: 12/12/20 11:35

Sample Name: TRIP BLANK-02 2020 Q4
Lab Code: R2011848-028

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	92	85 - 122	12/17/20 00:32	
Dibromofluoromethane	91	80 - 116	12/17/20 00:32	
Toluene-d8	96	87 - 121	12/17/20 00:32	



Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 09:45
Date Received: 12/12/20 11:35

Sample Name: W-2 2020 Q4
Lab Code: R2011848-001

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	12/17/20 18:08	12/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	50	18 - 152	12/17/20 18:08	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:00
Date Received: 12/12/20 11:35

Sample Name: MW-12 2020 Q4
Lab Code: R2011848-003

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	12/17/20 18:29	12/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	42	18 - 152	12/17/20 18:29	

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:15
Date Received: 12/12/20 11:35

Sample Name: MW-13 2020 Q4
Lab Code: R2011848-004

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	12/17/20 18:50	12/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	31	18 - 152	12/17/20 18:50	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:30
Date Received: 12/12/20 11:35

Sample Name: PW-2 2020 Q4
Lab Code: R2011848-007

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	12/17/20 19:11	12/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	36	18 - 152	12/17/20 19:11	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 10:35
Date Received: 12/12/20 11:35

Sample Name: DUP-01 2020 Q4
Lab Code: R2011848-009

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	12/17/20 19:32	12/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	36	18 - 152	12/17/20 19:32	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20 09:30
Date Received: 12/12/20 11:35

Sample Name: EB-01 2020 Q4
Lab Code: R2011848-010

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	93 U	93	1	12/17/20 19:53	12/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	48	18 - 152	12/17/20 19:53	



QC Summary Forms

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

www.alsglobal.com



Volatile Organic Compounds by GC/MS

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848

SURROGATE RECOVERY SUMMARY
Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Extraction Method: EPA 5030C

Sample Name	Lab Code	4-Bromofluorobenzene	Dibromofluoromethane	Toluene-d8
		85-122	80-116	87-121
W-2 2020 Q4	R2011848-001	95	95	92
U-6D 2020 Q4	R2011848-002	96	94	99
MW-12 2020 Q4	R2011848-003	101	104	111
MW-13 2020 Q4	R2011848-004	96	93	98
OW-1 2020 Q4	R2011848-005	93	92	96
OW-2 2020 Q4	R2011848-006	96	93	100
PW-2 2020 Q4	R2011848-007	100	104	109
RI-6 2020 Q4	R2011848-008	91	93	98
DUP-01 2020 Q4	R2011848-009	98	97	100
EB-01 2020 Q4	R2011848-010	92	97	107
TRIP BLANK-01 2020 Q4	R2011848-011	96	93	99
OS-2R 2020 Q4	R2011848-012	89	92	97
OS-5R 2020 Q4	R2011848-013	93	92	98
OS-5D 2020 Q4	R2011848-014	93	93	97
OS-6 2020 Q4	R2011848-015	89	92	98
OS-6R 2020 Q4	R2011848-016	91	90	97
OS-7R 2020 Q4	R2011848-017	93	96	97
OS-7D 2020 Q4	R2011848-018	96	96	101
OS-9 2020 Q4	R2011848-019	92	94	98
OS-9R 2020 Q4	R2011848-020	97	90	99
OS-11R 2020 Q4	R2011848-021	97	93	98
OS-11D 2020 Q4	R2011848-022	99	93	97
OS-12R 2020 Q4	R2011848-023	92	90	97
OS-15R 2020 Q4	R2011848-024	94	92	97
OS-15D 2020 Q4	R2011848-025	94	92	99
DUP 02 202 Q4	R2011848-026	95	94	99
TRIP BLANK-02 2020 Q4	R2011848-028	92	91	96
Method Blank	RQ2015469-04	90	93	94
Method Blank	RQ2015489-04	98	94	97
Method Blank	RQ2015569-05	99	103	111
Lab Control Sample	RQ2015469-03	91	93	94
Lab Control Sample	RQ2015489-03	95	96	95
Lab Control Sample	RQ2015569-04	107	108	112
OS-6 2020 Q4 MS	RQ2015469-05	93	95	94
OS-6 2020 Q4 DMS	RQ2015469-06	101	95	94

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20
Date Received: 12/12/20
Date Analyzed: 12/16/20
Date Extracted: NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name: OS-6 2020 Q4
Lab Code: R2011848-015
Analysis Method: 8260C
Prep Method: EPA 5030C

Units: ug/L
Basis: NA

Analyte Name	Matrix Spike RQ2015469-05				Duplicate Matrix Spike RQ2015469-06				RPD	RPD Limit
	Sample Result	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits		
Benzene	5.0 U	50.6	50.0	101	52.5	50.0	105	76-129	4	30
Bromodichloromethane	5.0 U	45.5	50.0	91	48.4	50.0	97	78-133	6	30
Bromoform	5.0 U	51.0	50.0	102	58.4	50.0	117	58-133	14	30
Bromomethane	5.0 U	46.5	50.0	93	48.0	50.0	96	10-184	3	30
Carbon Tetrachloride	5.0 U	46.9	50.0	94	49.0	50.0	98	65-135	4	30
Chlorobenzene	5.0 U	46.4	50.0	93	50.8	50.0	102	76-125	9	30
Chloroethane	5.0 U	49.1	50.0	98	51.6	50.0	103	48-146	5	30
2-Chloroethyl Vinyl Ether	5.0 U	37.3	50.0	75	39.9	50.0	80	19-162	7	30
Chloroform	5.0 U	46.9	50.0	94	50.2	50.0	100	75-130	7	30
Chloromethane	5.0 U	48.3	50.0	97	52.7	50.0	105	55-160	9	30
Dibromochloromethane	5.0 U	50.6	50.0	101	54.2	50.0	108	72-128	7	30
1,2-Dichlorobenzene	5.0 U	46.3	50.0	93	49.3	50.0	99	77-120	6	30
1,3-Dichlorobenzene	5.0 U	47.5	50.0	95	50.8	50.0	102	83-121	7	30
1,4-Dichlorobenzene	5.0 U	44.6	50.0	89	48.2	50.0	96	82-120	8	30
1,1-Dichloroethane (1,1-DCA)	5.0 U	48.9	50.0	98	51.5	50.0	103	74-132	5	30
1,2-Dichloroethane	5.0 U	43.1	50.0	86	46.0	50.0	92	68-130	6	30
1,1-Dichloroethene (1,1-DCE)	5.0 U	52.3	50.0	105	55.4	50.0	111	71-118	6	30
trans-1,2-Dichloroethene	5.0 U	53.3	50.0	107	56.4	50.0	113	73-118	6	30
cis-1,2-Dichloroethene	23	70.9	50.0	95	73.4	50.0	100	77-127	3	30
1,2-Dichloropropane	5.0 U	50.0	50.0	100	54.0	50.0	108	79-124	8	30
cis-1,3-Dichloropropene	5.0 U	49.2	50.0	98	51.2	50.0	102	52-134	4	30
trans-1,3-Dichloropropene	5.0 U	44.8	50.0	90	49.3	50.0	99	71-133	10	30
Ethylbenzene	5.0 U	47.7	50.0	95	52.1	50.0	104	72-134	9	30
Methylene Chloride	5.0 U	45.9	50.0	92	49.0	50.0	98	73-122	7	30
1,1,2,2-Tetrachloroethane	5.0 U	54.1	50.0	108	63.5	50.0	127 *	72-122	16	30
Toluene	5.0 U	47.7	50.0	95	50.1	50.0	100	79-119	5	30
1,1,1-Trichloroethane (TCA)	5.0 U	44.6	50.0	89	48.8	50.0	98	74-127	9	30
1,1,2-Trichloroethane	5.0 U	46.6	50.0	93	49.0	50.0	98	82-121	5	30
Tetrachloroethene (PCE)	5.0 U	52.7	50.0	105	54.9	50.0	110	72-125	4	30
Trichloroethene (TCE)	5.0 U	43.0	50.0	86	46.5	50.0	93	74-122	8	30
Trichlorofluoromethane (CFC 11)	5.0 U	44.9	50.0	90	47.8	50.0	96	71-136	6	30
Vinyl Chloride	5.0 U	50.3	50.0	101	54.2	50.0	108	74-159	8	30
m,p-Xylenes	5.0 U	101	100	101	111	100	111	80-126	10	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: 12/10/20
Date Received: 12/12/20
Date Analyzed: 12/16/20
Date Extracted: NA

Duplicate Matrix Spike Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Sample Name: OS-6 2020 Q4
Lab Code: R2011848-015
Analysis Method: 8260C
Prep Method: EPA 5030C

Units: ug/L
Basis: NA

Analyte Name	Sample Result	Matrix Spike RQ2015469-05			Duplicate Matrix Spike RQ2015469-06			% Rec Limits	RPD	RPD Limit
		Result	Spike Amount	% Rec	Result	Spike Amount	% Rec			
o-Xylene	5.0 U	49.1	50.0	98	56.6	50.0	113	79-123	14	30

Results flagged with an asterisk (*) indicate values outside control criteria.

Results flagged with a pound (#) indicate the control criteria is not applicable.

Percent recoveries and relative percent differences (RPD) are determined by the software using values in the calculation which have not been rounded.

Matrix Spike and Matrix Spike Duplicate Data is presented for information purposes only. The matrix may or may not be relevant to samples reported in this report. The laboratory evaluates system performance based on the LCS and LCSD control limits.

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2015469-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 11:37	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 11:37	
Bromoform	5.0 U	5.0	1	12/16/20 11:37	
Bromomethane	5.0 U	5.0	1	12/16/20 11:37	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 11:37	
Chlorobenzene	5.0 U	5.0	1	12/16/20 11:37	
Chloroethane	5.0 U	5.0	1	12/16/20 11:37	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 11:37	
Chloroform	5.0 U	5.0	1	12/16/20 11:37	
Chloromethane	5.0 U	5.0	1	12/16/20 11:37	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 11:37	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 11:37	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 11:37	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 11:37	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 11:37	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 11:37	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 11:37	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 11:37	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 11:37	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 11:37	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 11:37	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 11:37	
Ethylbenzene	5.0 U	5.0	1	12/16/20 11:37	
Methylene Chloride	5.0 U	5.0	1	12/16/20 11:37	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 11:37	
Toluene	5.0 U	5.0	1	12/16/20 11:37	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 11:37	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 11:37	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/16/20 11:37	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 11:37	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 11:37	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 11:37	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 11:37	
o-Xylene	5.0 U	5.0	1	12/16/20 11:37	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/16/20 11:37	

ALS Group USA, Corp.
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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2015469-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	90	85 - 122	12/16/20 11:37	
Dibromofluoromethane	93	80 - 116	12/16/20 11:37	
Toluene-d8	94	87 - 121	12/16/20 11:37	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2015489-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/16/20 21:58	
Bromodichloromethane	5.0 U	5.0	1	12/16/20 21:58	
Bromoform	5.0 U	5.0	1	12/16/20 21:58	
Bromomethane	5.0 U	5.0	1	12/16/20 21:58	
Carbon Tetrachloride	5.0 U	5.0	1	12/16/20 21:58	
Chlorobenzene	5.0 U	5.0	1	12/16/20 21:58	
Chloroethane	5.0 U	5.0	1	12/16/20 21:58	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/16/20 21:58	
Chloroform	5.0 U	5.0	1	12/16/20 21:58	
Chloromethane	5.0 U	5.0	1	12/16/20 21:58	
Dibromochloromethane	5.0 U	5.0	1	12/16/20 21:58	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/16/20 21:58	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/16/20 21:58	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/16/20 21:58	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/16/20 21:58	
1,2-Dichloroethane	5.0 U	5.0	1	12/16/20 21:58	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/16/20 21:58	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 21:58	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/16/20 21:58	
1,2-Dichloropropane	5.0 U	5.0	1	12/16/20 21:58	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 21:58	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/16/20 21:58	
Ethylbenzene	5.0 U	5.0	1	12/16/20 21:58	
Methylene Chloride	5.0 U	5.0	1	12/16/20 21:58	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/16/20 21:58	
Toluene	5.0 U	5.0	1	12/16/20 21:58	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/16/20 21:58	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/16/20 21:58	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/16/20 21:58	
Trichloroethene (TCE)	5.0 U	5.0	1	12/16/20 21:58	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/16/20 21:58	
Vinyl Chloride	5.0 U	5.0	1	12/16/20 21:58	
m,p-Xylenes	5.0 U	5.0	1	12/16/20 21:58	
o-Xylene	5.0 U	5.0	1	12/16/20 21:58	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/16/20 21:58	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2015489-04

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	98	85 - 122	12/16/20 21:58	
Dibromofluoromethane	94	80 - 116	12/16/20 21:58	
Toluene-d8	97	87 - 121	12/16/20 21:58	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2015569-05

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Q
Benzene	5.0 U	5.0	1	12/17/20 23:22	
Bromodichloromethane	5.0 U	5.0	1	12/17/20 23:22	
Bromoform	5.0 U	5.0	1	12/17/20 23:22	
Bromomethane	5.0 U	5.0	1	12/17/20 23:22	
Carbon Tetrachloride	5.0 U	5.0	1	12/17/20 23:22	
Chlorobenzene	5.0 U	5.0	1	12/17/20 23:22	
Chloroethane	5.0 U	5.0	1	12/17/20 23:22	
2-Chloroethyl Vinyl Ether	5.0 U	5.0	1	12/17/20 23:22	
Chloroform	5.0 U	5.0	1	12/17/20 23:22	
Chloromethane	5.0 U	5.0	1	12/17/20 23:22	
Dibromochloromethane	5.0 U	5.0	1	12/17/20 23:22	
1,2-Dichlorobenzene	5.0 U	5.0	1	12/17/20 23:22	
1,3-Dichlorobenzene	5.0 U	5.0	1	12/17/20 23:22	
1,4-Dichlorobenzene	5.0 U	5.0	1	12/17/20 23:22	
1,1-Dichloroethane (1,1-DCA)	5.0 U	5.0	1	12/17/20 23:22	
1,2-Dichloroethane	5.0 U	5.0	1	12/17/20 23:22	
1,1-Dichloroethene (1,1-DCE)	5.0 U	5.0	1	12/17/20 23:22	
trans-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 23:22	
cis-1,2-Dichloroethene	5.0 U	5.0	1	12/17/20 23:22	
1,2-Dichloropropane	5.0 U	5.0	1	12/17/20 23:22	
cis-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 23:22	
trans-1,3-Dichloropropene	5.0 U	5.0	1	12/17/20 23:22	
Ethylbenzene	5.0 U	5.0	1	12/17/20 23:22	
Methylene Chloride	5.0 U	5.0	1	12/17/20 23:22	
1,1,2,2-Tetrachloroethane	5.0 U	5.0	1	12/17/20 23:22	
Toluene	5.0 U	5.0	1	12/17/20 23:22	
1,1,1-Trichloroethane (TCA)	5.0 U	5.0	1	12/17/20 23:22	
1,1,2-Trichloroethane	5.0 U	5.0	1	12/17/20 23:22	
Tetrachloroethene (PCE)	5.0 U	5.0	1	12/17/20 23:22	
Trichloroethene (TCE)	5.0 U	5.0	1	12/17/20 23:22	
Trichlorofluoromethane (CFC 11)	5.0 U	5.0	1	12/17/20 23:22	
Vinyl Chloride	5.0 U	5.0	1	12/17/20 23:22	
m,p-Xylenes	5.0 U	5.0	1	12/17/20 23:22	
o-Xylene	5.0 U	5.0	1	12/17/20 23:22	
Total Target Volatiles (TTV)	5.0 U	5.0	1	12/17/20 23:22	

ALS Group USA, Corp.
dba ALS Environmental

Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2015569-05

Units: ug/L
Basis: NA

Volatile Organic Compounds by GC/MS, Unpreserved

Analysis Method: 8260C
Prep Method: EPA 5030C

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
4-Bromofluorobenzene	99	85 - 122	12/17/20 23:22	
Dibromofluoromethane	103	80 - 116	12/17/20 23:22	
Toluene-d8	111	87 - 121	12/17/20 23:22	

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Analyzed: 12/16/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2015469-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Benzene	8260C	20.3	20.0	102	79-119
Bromodichloromethane	8260C	18.3	20.0	92	81-123
Bromoform	8260C	22.1	20.0	110	65-146
Bromomethane	8260C	20.2	20.0	101	42-166
Carbon Tetrachloride	8260C	19.7	20.0	98	70-127
Chlorobenzene	8260C	19.9	20.0	99	80-121
Chloroethane	8260C	20.8	20.0	104	62-131
2-Chloroethyl Vinyl Ether	8260C	13.7	20.0	69	19-162
Chloroform	8260C	19.5	20.0	97	79-120
Chloromethane	8260C	21.8	20.0	109	65-135
Dibromochloromethane	8260C	22.0	20.0	110	72-128
1,2-Dichlorobenzene	8260C	19.9	20.0	99	80-119
1,3-Dichlorobenzene	8260C	20.3	20.0	101	83-121
1,4-Dichlorobenzene	8260C	19.8	20.0	99	79-119
1,1-Dichloroethane (1,1-DCA)	8260C	19.5	20.0	98	80-124
1,2-Dichloroethane	8260C	17.9	20.0	89	71-127
1,1-Dichloroethene (1,1-DCE)	8260C	21.9	20.0	109	71-118
trans-1,2-Dichloroethene	8260C	22.5	20.0	113	73-118
cis-1,2-Dichloroethene	8260C	20.5	20.0	103	80-121
1,2-Dichloropropane	8260C	20.9	20.0	105	80-119
cis-1,3-Dichloropropene	8260C	19.5	20.0	97	77-122
trans-1,3-Dichloropropene	8260C	19.5	20.0	98	71-133
Ethylbenzene	8260C	20.2	20.0	101	76-120
Methylene Chloride	8260C	19.2	20.0	96	73-122
1,1,2,2-Tetrachloroethane	8260C	22.6	20.0	113	78-126
Toluene	8260C	20.2	20.0	101	79-119
1,1,1-Trichloroethane (TCA)	8260C	19.4	20.0	97	75-125
1,1,2-Trichloroethane	8260C	19.4	20.0	97	82-121
Tetrachloroethene (PCE)	8260C	20.8	20.0	104	72-125
Trichloroethene (TCE)	8260C	18.0	20.0	90	74-122
Trichlorofluoromethane (CFC 11)	8260C	19.6	20.0	98	71-136
Vinyl Chloride	8260C	20.8	20.0	104	74-159
m,p-Xylenes	8260C	42.1	40.0	105	80-126

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Analyzed: 12/16/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2015469-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
o-Xylene	8260C	20.9	20.0	105	79-123

ALS Group USA, Corp.
dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Analyzed: 12/16/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2015489-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Benzene	8260C	19.1	20.0	95	79-119
Bromodichloromethane	8260C	17.3	20.0	86	81-123
Bromoform	8260C	23.1	20.0	115	65-146
Bromomethane	8260C	18.3	20.0	91	42-166
Carbon Tetrachloride	8260C	16.7	20.0	83	70-127
Chlorobenzene	8260C	18.3	20.0	91	80-121
Chloroethane	8260C	18.2	20.0	91	62-131
2-Chloroethyl Vinyl Ether	8260C	14.5	20.0	73	19-162
Chloroform	8260C	18.2	20.0	91	79-120
Chloromethane	8260C	18.9	20.0	94	65-135
Dibromochloromethane	8260C	20.9	20.0	105	72-128
1,2-Dichlorobenzene	8260C	18.9	20.0	95	80-119
1,3-Dichlorobenzene	8260C	19.4	20.0	97	83-121
1,4-Dichlorobenzene	8260C	18.6	20.0	93	79-119
1,1-Dichloroethane (1,1-DCA)	8260C	18.7	20.0	93	80-124
1,2-Dichloroethane	8260C	18.7	20.0	94	71-127
1,1-Dichloroethene (1,1-DCE)	8260C	19.8	20.0	99	71-118
trans-1,2-Dichloroethene	8260C	20.1	20.0	101	73-118
cis-1,2-Dichloroethene	8260C	19.1	20.0	96	80-121
1,2-Dichloropropane	8260C	19.5	20.0	98	80-119
cis-1,3-Dichloropropene	8260C	18.6	20.0	93	77-122
trans-1,3-Dichloropropene	8260C	18.8	20.0	94	71-133
Ethylbenzene	8260C	18.1	20.0	90	76-120
Methylene Chloride	8260C	18.7	20.0	93	73-122
1,1,2,2-Tetrachloroethane	8260C	23.0	20.0	115	78-126
Toluene	8260C	18.1	20.0	90	79-119
1,1,1-Trichloroethane (TCA)	8260C	16.7	20.0	83	75-125
1,1,2-Trichloroethane	8260C	19.5	20.0	98	82-121
Tetrachloroethene (PCE)	8260C	17.9	20.0	90	72-125
Trichloroethene (TCE)	8260C	16.8	20.0	84	74-122
Trichlorofluoromethane (CFC 11)	8260C	15.8	20.0	79	71-136
Vinyl Chloride	8260C	19.1	20.0	95	74-159
m,p-Xylenes	8260C	37.2	40.0	93	80-126

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dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Analyzed: 12/16/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L**Basis:**NA**Lab Control Sample**

RQ2015489-03

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
o-Xylene	8260C	19.1	20.0	96	79-123

ALS Group USA, Corp.
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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Analyzed: 12/18/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L
Basis:NA

Lab Control Sample
RQ2015569-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
Benzene	8260C	21.9	20.0	109	79-119
Bromodichloromethane	8260C	18.7	20.0	94	81-123
Bromoform	8260C	15.1	20.0	76	65-146
Bromomethane	8260C	17.5	20.0	88	42-166
Carbon Tetrachloride	8260C	16.6	20.0	83	70-127
Chlorobenzene	8260C	22.0	20.0	110	80-121
Chloroethane	8260C	21.9	20.0	110	62-131
2-Chloroethyl Vinyl Ether	8260C	19.7	20.0	99	19-162
Chloroform	8260C	23.0	20.0	115	79-120
Chloromethane	8260C	20.6	20.0	103	65-135
Dibromochloromethane	8260C	18.8	20.0	94	72-128
1,2-Dichlorobenzene	8260C	20.9	20.0	105	80-119
1,3-Dichlorobenzene	8260C	21.4	20.0	107	83-121
1,4-Dichlorobenzene	8260C	21.6	20.0	108	79-119
1,1-Dichloroethane (1,1-DCA)	8260C	22.3	20.0	111	80-124
1,2-Dichloroethane	8260C	23.2	20.0	116	71-127
1,1-Dichloroethene (1,1-DCE)	8260C	25.0	20.0	125 *	71-118
trans-1,2-Dichloroethene	8260C	24.0	20.0	120 *	73-118
cis-1,2-Dichloroethene	8260C	23.0	20.0	115	80-121
1,2-Dichloropropane	8260C	23.2	20.0	116	80-119
cis-1,3-Dichloropropene	8260C	18.1	20.0	91	77-122
trans-1,3-Dichloropropene	8260C	17.0	20.0	85	71-133
Ethylbenzene	8260C	21.6	20.0	108	76-120
Methylene Chloride	8260C	22.2	20.0	111	73-122
1,1,2,2-Tetrachloroethane	8260C	24.9	20.0	124	78-126
Toluene	8260C	22.5	20.0	112	79-119
1,1,1-Trichloroethane (TCA)	8260C	18.7	20.0	94	75-125
1,1,2-Trichloroethane	8260C	22.1	20.0	110	82-121
Tetrachloroethene (PCE)	8260C	19.0	20.0	95	72-125
Trichloroethene (TCE)	8260C	19.6	20.0	98	74-122
Trichlorofluoromethane (CFC 11)	8260C	23.1	20.0	115	71-136
Vinyl Chloride	8260C	20.8	20.0	104	74-159
m,p-Xylenes	8260C	43.5	40.0	109	80-126

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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Analyzed: 12/18/20

Lab Control Sample Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Units:ug/L**Basis:**NA**Lab Control Sample**

RQ2015569-04

Analyte Name	Analytical Method	Result	Spike Amount	% Rec	% Rec Limits
o-Xylene	8260C	21.0	20.0	105	79-123



Semivolatile Organic Compounds by GC

ALS Environmental—Rochester Laboratory

1565 Jefferson Road, Building 300, Suite 360, Rochester, NY 14623

Phone (585) 288-5380 Fax (585) 288-8475

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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848

SURROGATE RECOVERY SUMMARY
Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Extraction Method: EPA 3510C

Sample Name	Lab Code	o-Terphenyl
		18-152
W-2 2020 Q4	R2011848-001	50
MW-12 2020 Q4	R2011848-003	42
MW-13 2020 Q4	R2011848-004	31
PW-2 2020 Q4	R2011848-007	36
DUP-01 2020 Q4	R2011848-009	36
EB-01 2020 Q4	R2011848-010	48
Method Blank	RQ2015432-01	62
Lab Control Sample	RQ2015432-02	66
Duplicate Lab Control Sample	RQ2015432-03	54

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Analytical Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Collected: NA
Date Received: NA

Sample Name: Method Blank
Lab Code: RQ2015432-01

Units: ug/L
Basis: NA

Hydrocarbon Scan by GC-FID

Analysis Method: 8015C
Prep Method: EPA 3510C

Analyte Name	Result	MRL	Dil.	Date Analyzed	Date Extracted	Q
Mineral Spirits	100 U	100	1	12/17/20 17:04	12/16/20	

Surrogate Name	% Rec	Control Limits	Date Analyzed	Q
o-Terphenyl	62	18 - 152	12/17/20 17:04	

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QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00
Sample Matrix: Water

Service Request: R2011848
Date Analyzed: 12/17/20

Duplicate Lab Control Sample Summary
Hydrocarbon Scan by GC-FID

Units:ug/L
Basis:NA

Lab Control Sample					Duplicate Lab Control Sample					
RQ2015432-02					RQ2015432-03					
Analyte Name	Analytical Method	Result	Spike Amount	% Rec	Result	Spike Amount	% Rec	% Rec Limits	RPD	RPD Limit
Mineral Spirits	8015C	276	500	55	228	500	46	10-136	19	30

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/17/20

Continuing Calibration Verification Summary Hydrocarbon Scan by GC-FID

Analytical Method: 8015C
File ID: I:\ACQUDATA\6890I\DATA\121720\BP709.D\

Calibration Date:
Calibration ID:
Analysis Lot: 707557
Units: mg/L

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Mineral Spirits	511	491	NA	NA	NA	-3.8	± 20 %	
o-Terphenyl	100	86.4	NA	NA	NA	-14.0	± 20 %	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/17/20

Continuing Calibration Verification Summary
Hydrocarbon Scan by GC-FID

Analytical Method: 8015C
File ID: I:\ACQUDATA\6890I\DATA\121720\BP719.D\

Calibration Date:
Calibration ID:
Analysis Lot: 707557
Units: mg/L

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Mineral Spirits	511	455	NA	NA	NA	-11.0	± 20 %	
o-Terphenyl	100	84.5	NA	NA	NA	-15.9	± 20 %	

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/16/20

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Analytical Method: 8260C
File ID: I:\ACQUDATA\msvoa12\Data\121620\P43404.D\

Calibration Date: 10/4/20
Calibration ID: RC2000158
Analysis Lot: 707247
Units: ppb

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50.0	50.4	1.456	1.467	0.8	NA	± 20 %	Average RF
Bromodichloromethane	50.0	48.0	0.4163	0.4000	-3.9	NA	± 20 %	Average RF
Bromoform	50.0	52.8	NA	NA	NA	5.7	± 20 %	Quadratic
Bromomethane	50.0	46.1	NA	NA	NA	-7.9	± 20 %	Quadratic
Carbon Tetrachloride	50.0	46.7	0.3414	0.3189	-6.6	NA	± 20 %	Average RF
Chlorobenzene	50.0	47.3	1.069	1.012	-5.4	NA	± 20 %	Average RF
Chloroethane	50.0	48.6	0.5343	0.5190	-2.9	NA	± 20 %	Average RF
2-Chloroethyl Vinyl Ether	50.0	33.7	0.1956	0.1320	-32.5 *	NA	± 20 %	Average RF
Chloroform	50.0	45.4	NA	NA	NA	-9.1	± 20 %	Quadratic
Chloromethane	50.0	51.6	0.7687	0.7933	3.2	NA	± 20 %	Average RF
Dibromochloromethane	50.0	53.4	NA	NA	NA	6.8	± 20 %	Quadratic
1,2-Dichlorobenzene	50.0	48.4	1.750	1.695	-3.1	NA	± 20 %	Average RF
1,3-Dichlorobenzene	50.0	49.3	1.692	1.666	-1.5	NA	± 20 %	Average RF
1,4-Dichlorobenzene	50.0	47.2	1.831	1.727	-5.7	NA	± 20 %	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	48.6	1.035	1.006	-2.9	NA	± 20 %	Average RF
1,2-Dichloroethane	50.0	45.8	0.5215	0.4775	-8.4	NA	± 20 %	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	43.0	0.4173	0.3586	-14.1	NA	± 20 %	Average RF
trans-1,2-Dichloroethene	50.0	48.3	0.4595	0.4441	-3.4	NA	± 20 %	Average RF
cis-1,2-Dichloroethene	50.0	48.0	0.5719	0.5487	-4.1	NA	± 20 %	Average RF
1,2-Dichloropropane	50.0	50.1	0.3833	0.3842	0.2	NA	± 20 %	Average RF
cis-1,3-Dichloropropene	50.0	52.0	0.5356	0.5567	3.9	NA	± 20 %	Average RF
trans-1,3-Dichloropropene	50.0	54.1	0.4917	0.5318	8.2	NA	± 20 %	Average RF
Ethylbenzene	50.0	47.3	0.5905	0.5586	-5.4	NA	± 20 %	Average RF
Methylene Chloride	50.0	47.0	0.5776	0.5426	-6.0	NA	± 20 %	Average RF
1,1,2,2-Tetrachloroethane	50.0	53.6	0.9867	1.059	7.3	NA	± 20 %	Average RF
Toluene	50.0	50.9	1.565	1.594	1.9	NA	± 20 %	Average RF
1,1,1-Trichloroethane (TCA)	50.0	45.4	0.7611	0.6908	-9.2	NA	± 20 %	Average RF
1,1,2-Trichloroethane	50.0	49.9	0.3342	0.3336	-0.2	NA	± 20 %	Average RF
Tetrachloroethene (PCE)	50.0	50.6	0.2728	0.2759	1.2	NA	± 20 %	Average RF
Trichloroethene (TCE)	50.0	43.5	0.3667	0.3189	-13.0	NA	± 20 %	Average RF
Trichlorofluoromethane (CFC 11)	50.0	44.1	0.7620	0.6714	-11.9	NA	± 20 %	Average RF
Vinyl Chloride	50.0	51.8	0.8746	0.9056	3.5	NA	± 20 %	Average RF
m,p-Xylenes	100	98.9	0.7051	0.6970	-1.1	NA	± 20 %	Average RF
o-Xylene	50.0	48.0	0.6961	0.6686	-4.0	NA	± 20 %	Average RF
4-Bromofluorobenzene	50.0	48.0	0.5229	0.5019	-4.0	NA	± 20 %	Average RF
Dibromofluoromethane	50.0	50.8	0.2830	0.2875	1.6	NA	± 20 %	Average RF
Toluene-d8	50.0	52.1	1.367	1.425	4.2	NA	± 20 %	Average RF

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/16/20

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Analytical Method: 8260C
File ID: I:\ACQUDATA\msvoa12\Data\121620\P43432.D\

Calibration Date: 10/4/20
Calibration ID: RC2000158
Analysis Lot: 707314
Units: ppb

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50.0	50.2	1.456	1.462	0.4	NA	± 20 %	Average RF
Bromodichloromethane	50.0	48.1	0.4163	0.4005	-3.8	NA	± 20 %	Average RF
Bromoform	50.0	56.1	NA	NA	NA	12.2	± 20 %	Quadratic
Bromomethane	50.0	50.9	NA	NA	NA	1.8	± 20 %	Quadratic
Carbon Tetrachloride	50.0	46.4	0.3414	0.3171	-7.1	NA	± 20 %	Average RF
Chlorobenzene	50.0	47.9	1.069	1.025	-4.2	NA	± 20 %	Average RF
Chloroethane	50.0	50.9	0.5343	0.5435	1.7	NA	± 20 %	Average RF
2-Chloroethyl Vinyl Ether	50.0	36.0	0.1956	0.1409	-28.0 *	NA	± 20 %	Average RF
Chloroform	50.0	47.0	NA	NA	NA	-5.9	± 20 %	Quadratic
Chloromethane	50.0	52.7	0.7687	0.8098	5.3	NA	± 20 %	Average RF
Dibromochloromethane	50.0	51.3	NA	NA	NA	2.6	± 20 %	Quadratic
1,2-Dichlorobenzene	50.0	48.0	1.750	1.679	-4.1	NA	± 20 %	Average RF
1,3-Dichlorobenzene	50.0	48.4	1.692	1.637	-3.3	NA	± 20 %	Average RF
1,4-Dichlorobenzene	50.0	45.6	1.831	1.670	-8.8	NA	± 20 %	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	49.3	1.035	1.021	-1.4	NA	± 20 %	Average RF
1,2-Dichloroethane	50.0	45.4	0.5215	0.4735	-9.2	NA	± 20 %	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	44.6	0.4173	0.3720	-10.9	NA	± 20 %	Average RF
trans-1,2-Dichloroethene	50.0	48.7	0.4595	0.4474	-2.7	NA	± 20 %	Average RF
cis-1,2-Dichloroethene	50.0	49.5	0.5719	0.5659	-1.0	NA	± 20 %	Average RF
1,2-Dichloropropane	50.0	51.9	0.3833	0.3979	3.8	NA	± 20 %	Average RF
cis-1,3-Dichloropropene	50.0	51.1	0.5356	0.5479	2.3	NA	± 20 %	Average RF
trans-1,3-Dichloropropene	50.0	50.8	0.4917	0.5000	1.7	NA	± 20 %	Average RF
Ethylbenzene	50.0	48.0	0.5905	0.5667	-4.0	NA	± 20 %	Average RF
Methylene Chloride	50.0	47.5	0.5776	0.5484	-5.0	NA	± 20 %	Average RF
1,1,2,2-Tetrachloroethane	50.0	53.2	0.9867	1.050	6.4	NA	± 20 %	Average RF
Toluene	50.0	49.2	1.565	1.539	-1.7	NA	± 20 %	Average RF
1,1,1-Trichloroethane (TCA)	50.0	45.7	0.7611	0.6962	-8.5	NA	± 20 %	Average RF
1,1,2-Trichloroethane	50.0	47.8	0.3342	0.3196	-4.4	NA	± 20 %	Average RF
Tetrachloroethene (PCE)	50.0	48.0	0.2728	0.2618	-4.0	NA	± 20 %	Average RF
Trichloroethene (TCE)	50.0	45.1	0.3667	0.3308	-9.8	NA	± 20 %	Average RF
Trichlorofluoromethane (CFC 11)	50.0	44.1	0.7620	0.6723	-11.8	NA	± 20 %	Average RF
Vinyl Chloride	50.0	54.1	0.8746	0.9471	8.3	NA	± 20 %	Average RF
m,p-Xylenes	100	98.9	0.7051	0.6971	-1.1	NA	± 20 %	Average RF
o-Xylene	50.0	48.1	0.6961	0.6704	-3.7	NA	± 20 %	Average RF
4-Bromofluorobenzene	50.0	45.2	0.5229	0.4729	-9.6	NA	± 20 %	Average RF
Dibromofluoromethane	50.0	47.8	0.2830	0.2706	-4.4	NA	± 20 %	Average RF
Toluene-d8	50.0	47.5	1.367	1.300	-5.0	NA	± 20 %	Average RF

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/17/20

Continuing Calibration Verification Summary
Volatile Organic Compounds by GC/MS, Unpreserved

Analytical Method: 8260C
File ID: I:\ACQUDATA\msvoa10\data\121720\T3895.D\

Calibration Date: 11/15/20
Calibration ID: RC2000183
Analysis Lot: 707435
Units: µg/L

Analyte Name	Expected	Result	Average RF	CCV RF	%D	%Drift	Criteria	Curve Fit
Benzene	50.0	48.0	1.273	1.223	-3.9	NA	± 20 %	Average RF
Bromodichloromethane	50.0	41.7	0.4539	0.3782	-16.7	NA	± 20 %	Average RF
Bromoform	50.0	33.4	0.2830	0.1892	-33.1 *	NA	± 20 %	Average RF
Bromomethane	50.0	56.6	NA	NA	NA	13.1	± 20 %	Quadratic
Carbon Tetrachloride	50.0	32.0	0.3948	0.2524	-36.1 *	NA	± 20 %	Average RF
Chlorobenzene	50.0	48.5	0.9505	0.9227	-2.9	NA	± 20 %	Average RF
Chloroethane	50.0	46.6	0.4069	0.3789	-6.9	NA	± 20 %	Average RF
2-Chloroethyl Vinyl Ether	50.0	50.5	0.2555	0.2582	1.1	NA	± 20 %	Average RF
Chloroform	50.0	50.2	0.8254	0.8285	0.4	NA	± 20 %	Average RF
Chloromethane	50.0	44.0	0.7749	0.6825	-11.9	NA	± 20 %	Average RF
Dibromochloromethane	50.0	40.6	0.3582	0.2909	-18.8	NA	± 20 %	Average RF
1,2-Dichlorobenzene	50.0	46.5	1.552	1.444	-7.0	NA	± 20 %	Average RF
1,3-Dichlorobenzene	50.0	44.3	1.534	1.359	-11.4	NA	± 20 %	Average RF
1,4-Dichlorobenzene	50.0	44.6	1.570	1.400	-10.8	NA	± 20 %	Average RF
1,1-Dichloroethane (1,1-DCA)	50.0	49.9	0.8679	0.8664	-0.2	NA	± 20 %	Average RF
1,2-Dichloroethane	50.0	53.0	0.4879	0.5169	5.9	NA	± 20 %	Average RF
1,1-Dichloroethene (1,1-DCE)	50.0	44.9	0.3494	0.3140	-10.1	NA	± 20 %	Average RF
trans-1,2-Dichloroethene	50.0	47.7	0.4023	0.3836	-4.6	NA	± 20 %	Average RF
cis-1,2-Dichloroethene	50.0	48.3	0.4974	0.4804	-3.4	NA	± 20 %	Average RF
1,2-Dichloropropane	50.0	50.6	0.3465	0.3510	1.3	NA	± 20 %	Average RF
cis-1,3-Dichloropropene	50.0	43.4	0.5454	0.4729	-13.3	NA	± 20 %	Average RF
trans-1,3-Dichloropropene	50.0	39.8	0.5148	0.4100	-20.4	NA	± 20 %	Average RF
Ethylbenzene	50.0	46.4	0.4815	0.4473	-7.1	NA	± 20 %	Average RF
Methylene Chloride	50.0	50.7	0.5094	0.5169	1.5	NA	± 20 %	Average RF
1,1,2,2-Tetrachloroethane	50.0	47.9	1.076	1.030	-4.3	NA	± 20 %	Average RF
Toluene	50.0	47.5	1.314	1.248	-5.0	NA	± 20 %	Average RF
1,1,1-Trichloroethane (TCA)	50.0	37.8	0.7275	0.5494	-24.5 *	NA	± 20 %	Average RF
1,1,2-Trichloroethane	50.0	50.4	0.3267	0.3295	0.8	NA	± 20 %	Average RF
Tetrachloroethene (PCE)	50.0	41.3	0.2843	0.2349	-17.4	NA	± 20 %	Average RF
Trichloroethene (TCE)	50.0	48.1	0.3206	0.3082	-3.9	NA	± 20 %	Average RF
Trichlorofluoromethane (CFC 11)	50.0	45.0	0.6752	0.6080	-9.9	NA	± 20 %	Average RF
Vinyl Chloride	50.0	46.0	0.7150	0.6582	-7.9	NA	± 20 %	Average RF
m,p-Xylenes	100	92.9	0.5932	0.5509	-7.1	NA	± 20 %	Average RF
o-Xylene	50.0	45.8	0.6182	0.5661	-8.4	NA	± 20 %	Average RF
4-Bromofluorobenzene	50.0	51.6	0.4675	0.4824	3.2	NA	± 20 %	Average RF
Dibromofluoromethane	50.0	52.7	0.3123	0.3291	5.4	NA	± 20 %	Average RF
Toluene-d8	50.0	54.9	1.216	1.336	9.9	NA	± 20 %	Average RF

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/16/20 10:12

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\121620\P43404.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2015469-02
Analysis Lot: 707247
Signal ID: 1

	Chlorobenzene-d5		1,4-Difluorobenzene		1,4-Dichlorobenzene-d4	
	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>
Results ==>	503,403	9.80	557,380	6.52	254,737	11.83
Upper Limit ==>	1,006,806	9.97	1,114,760	6.69	509,474	12.00
Lower Limit ==>	251,702	9.63	278,690	6.35	127,369	11.66
ICAL Result ==>	550,026	9.80	602,055	6.52	274,710	11.83

Associated Analyses

Lab Control Sample	RQ2015469-03	506,343	9.80	580,423	6.52	254,610	11.83
Method Blank	RQ2015469-04	482,879	9.80	548,621	6.53	245,297	11.84
TRIP BLANK-01 2020 Q4	R2011848-011	489,482	9.80	529,553	6.52	234,996	11.84
EB-01 2020 Q4	R2011848-010	513,067	9.80	528,621	6.52	236,777	11.84
OS-6 2020 Q4	R2011848-015	458,558	9.80	545,636	6.53	233,902	11.84
W-2 2020 Q4	R2011848-001	503,700	9.80	542,318	6.53	247,600	11.84
U-6D 2020 Q4	R2011848-002	486,209	9.80	531,690	6.53	243,123	11.84
MW-13 2020 Q4	R2011848-004	505,991	9.80	543,704	6.52	243,520	11.84
OW-1 2020 Q4	R2011848-005	502,809	9.80	549,796	6.52	248,289	11.84
OW-2 2020 Q4	R2011848-006	493,571	9.80	538,117	6.53	241,436	11.84
RI-6 2020 Q4	R2011848-008	521,638	9.80	571,518	6.52	241,903	11.84
OS-6R 2020 Q4	R2011848-016	487,320	9.80	541,268	6.53	242,459	11.84
DUP-01 2020 Q4	R2011848-009	500,453	9.80	544,088	6.52	239,343	11.84
OS-6 2020 Q4MS	RQ2015469-05	494,767	9.80	558,539	6.52	250,244	11.84
OS-6 2020 Q4DMS	RQ2015469-06	483,533	9.80	550,690	6.52	248,988	11.84

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/16/20 10:12

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\121620\P43404.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2015469-02
Analysis Lot: 707247
Signal ID: 1

		Pentafluorobenzene	
		<u>Area</u>	<u>RT</u>
Results ==>		358,923	5.44
Upper Limit ==>		717,846	5.61
Lower Limit ==>		179,462	5.27
ICAL Result ==>		367,568	5.44
<i>Associated Analyses</i>			
Lab Control Sample	RQ2015469-03	357,452	5.44
Method Blank	RQ2015469-04	343,020	5.46
TRIP BLANK-01 2020 Q4	R2011848-011	341,840	5.45
EB-01 2020 Q4	R2011848-010	350,129	5.44
OS-6 2020 Q4	R2011848-015	339,018	5.46
W-2 2020 Q4	R2011848-001	346,806	5.45
U-6D 2020 Q4	R2011848-002	335,273	5.46
MW-13 2020 Q4	R2011848-004	334,789	5.45
OW-1 2020 Q4	R2011848-005	343,749	5.44
OW-2 2020 Q4	R2011848-006	334,652	5.46
RI-6 2020 Q4	R2011848-008	363,809	5.44
OS-6R 2020 Q4	R2011848-016	337,672	5.46
DUP-01 2020 Q4	R2011848-009	347,342	5.44
OS-6 2020 Q4MS	RQ2015469-05	356,000	5.44
OS-6 2020 Q4DMS	RQ2015469-06	346,130	5.45

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/16/20 20:52

**Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved**

File ID: I:\ACQUDATA\msvoa12\Data\121620\P43432.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2015489-02
Analysis Lot: 707314
Signal ID: 1

		Chlorobenzene-d5		1,4-Difluorobenzene		1,4-Dichlorobenzene-d4	
		<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>
Results ==>		493,806	9.80	536,790	6.53	241,608	11.84
Upper Limit ==>		987,612	9.97	1,073,580	6.70	483,216	12.01
Lower Limit ==>		246,903	9.63	268,395	6.36	120,804	11.67
ICAL Result ==>		550,026	9.80	602,055	6.52	274,710	11.83
Associated Analyses							
Lab Control Sample	RQ2015489-03	484,674	9.80	546,421	6.52	237,785	11.84
Method Blank	RQ2015489-04	497,567	9.80	516,657	6.53	237,760	11.84
TRIP BLANK-02 2020 Q4	R2011848-028	472,435	9.80	524,671	6.53	233,130	11.84
OS-2R 2020 Q4	R2011848-012	466,788	9.80	537,113	6.52	229,405	11.84
OS-5R 2020 Q4	R2011848-013	494,190	9.80	520,495	6.53	237,822	11.84
OS-5D 2020 Q4	R2011848-014	499,848	9.80	543,580	6.52	240,680	11.84
OS-7R 2020 Q4	R2011848-017	492,747	9.80	542,553	6.52	238,221	11.84
OS-7D 2020 Q4	R2011848-018	494,843	9.80	521,647	6.52	228,028	11.84
OS-9 2020 Q4	R2011848-019	492,786	9.80	552,591	6.52	231,628	11.84
OS-9R 2020 Q4	R2011848-020	523,731	9.80	543,217	6.52	251,189	11.84
OS-11R 2020 Q4	R2011848-021	494,490	9.80	535,703	6.52	238,531	11.84
OS-11D 2020 Q4	R2011848-022	503,696	9.80	536,280	6.52	249,083	11.83
OS-12R 2020 Q4	R2011848-023	506,786	9.80	555,326	6.52	243,796	11.84
OS-15R 2020 Q4	R2011848-024	516,881	9.80	569,285	6.52	252,417	11.84
OS-15D 2020 Q4	R2011848-025	510,404	9.80	558,983	6.52	251,422	11.84
DUP 02 202 Q4	R2011848-026	520,950	9.80	562,768	6.52	246,142	11.84

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/16/20 20:52

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa12\Data\121620\P43432.D\
Instrument ID: R-MS-12
Analytical Method: 8260C

Lab Code: RQ2015489-02
Analysis Lot: 707314
Signal ID: 1

Pentafluorobenzene		
	<u>Area</u>	<u>RT</u>
Results ==>	333,559	5.46
Upper Limit ==>	667,118	5.63
Lower Limit ==>	166,780	5.29
ICAL Result ==>	367,568	5.44

Associated Analyses

Lab Control Sample	RQ2015489-03	339,030	5.46
Method Blank	RQ2015489-04	327,335	5.46
TRIP BLANK-02 2020 Q4	R2011848-028	332,044	5.46
OS-2R 2020 Q4	R2011848-012	331,732	5.45
OS-5R 2020 Q4	R2011848-013	330,905	5.46
OS-5D 2020 Q4	R2011848-014	339,404	5.45
OS-7R 2020 Q4	R2011848-017	340,049	5.44
OS-7D 2020 Q4	R2011848-018	340,138	5.45
OS-9 2020 Q4	R2011848-019	354,392	5.45
OS-9R 2020 Q4	R2011848-020	341,294	5.44
OS-11R 2020 Q4	R2011848-021	337,217	5.44
OS-11D 2020 Q4	R2011848-022	342,867	5.44
OS-12R 2020 Q4	R2011848-023	337,309	5.46
OS-15R 2020 Q4	R2011848-024	349,054	5.45
OS-15D 2020 Q4	R2011848-025	347,560	5.44
DUP 02 202 Q4	R2011848-026	345,099	5.45

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/17/20 21:55

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa10\data\121720\T3895.D\
Instrument ID: R-MS-10
Analytical Method: 8260C

Lab Code: RQ2015569-02
Analysis Lot: 707435
Signal ID: 1

		Chlorobenzene-d5		1,4-Difluorobenzene		1,4-Dichlorobenzene-d4	
		<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>	<u>Area</u>	<u>RT</u>
Results ==>		306,638	9.80	343,708	6.49	165,409	11.85
Upper Limit ==>		613,276	9.97	687,416	6.66	330,818	12.02
Lower Limit ==>		153,319	9.63	171,854	6.32	82,705	11.68
ICAL Result ==>		280,444	9.81	312,683	6.49	151,312	11.86
Associated Analyses							
Method Blank	RQ2015569-05	288,626	9.80	325,935	6.49	139,961	11.86
PW-2 2020 Q4	R2011848-007	278,306	9.80	317,233	6.49	139,444	11.86
DUP-01 2020 Q4	R2011848-009	282,145	9.80	322,811	6.49	136,799	11.85
MW-12 2020 Q4	R2011848-003	273,412	9.80	317,516	6.49	135,517	11.85
Lab Control Sample	RQ2015569-04	294,610	9.80	331,576	6.49	151,627	11.85

Results flagged with an asterisk (*) indicate values outside control criteria.

ALS Group USA, Corp. dba ALS Environmental

QA/QC Report

Client: Xerox Corporation USA
Project: Blauvelt Wells - Xerox (Q4)/461-06-00

Service Request: R2011848
Date Analyzed: 12/17/20 21:55

Internal Standard Area and RT Summary
Volatile Organic Compounds by GC/MS, Unpreserved

File ID: I:\ACQUDATA\msvoa10\data\121720\T3895.D\
Instrument ID: R-MS-10
Analytical Method: 8260C

Lab Code: RQ2015569-02
Analysis Lot: 707435
Signal ID: 1

		Pentafluorobenzene	
		<u>Area</u>	<u>RT</u>
Results ==>		226,462	5.40
Upper Limit ==>		452,924	5.57
Lower Limit ==>		113,231	5.23
ICAL Result ==>		211,116	5.40
<i>Associated Analyses</i>			
Method Blank	RQ2015569-05	210,448	5.40
PW-2 2020 Q4	R2011848-007	207,003	5.40
DUP-01 2020 Q4	R2011848-009	208,829	5.40
MW-12 2020 Q4	R2011848-003	205,572	5.40
Lab Control Sample	RQ2015569-04	218,981	5.40

Results flagged with an asterisk (*) indicate values outside control criteria.