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Bausch & Lomb

2019 PERIODIC REVIEW REPORT

Former Bausch & Lomb Frame Center
Chili, New York

Site Identification Number 828061

January 2020

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Chili, New York

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Bausch & Lomb

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1 REPORT REQUIREMENTS

1.1 Introduction

This *Periodic Review Report* (PRR) also serves as the Annual Report required by Sections 2.4 and 3.4 of the August 2010 *Site Management Plan* (SMP) for the Former Bausch & Lomb Frame Center Site in Chili, New York[1]. This PRR has been developed as required by Section 6.3 of the Department of Environmental Remediation (DER)-10 Technical Guidance for Site Investigation and Remediation (New York State Department of Environmental Conservation [NYSDEC] 2010). This PRR provides the information required by the SMP for operation, maintenance and monitoring (OM&M) of the Groundwater Collection and Treatment System (GWCTS) and the on-site sub-slab depressurization system (SSDS). From 2012 forward, the reports submitted to NYSDEC on an annual basis have been entitled "Periodic Review Report", per DER-10. This PRR covers the time period between January 1, 2019 and December 31, 2019.The required information is organized in this report as follows:

- Section 1.2 – Site Background
- Section 1.3 – Modifications to the Sampling Program and Annual Report
- Section 1.4 – Groundwater-Related Issues
- Section 1.5 – Groundwater Collection and Treatment System Performance
- Section 1.6 – Sub-Slab Depressurization Systems Performance
- Section 3 – Operations Summary
- Section 4 – Certification

1.2 Site Background

1.2.1 Site Description

The former Frame Center property (the site) is located on the south side of Paul Road, approximately 1.5 miles east of the intersection of State Route 33A and Paul Road in Chili, New York. The former Frame Center property is approximately 89 acres in size and is bordered to the north by Paul Road, and an 8-foot-high chain-link fence along the southern and most of the eastern and western site boundaries.

The site is composed of one main building (Building 40) located in the northern portion of the property and a smaller building (Building 41) located adjacent to and south of Building 40. Building 40 is approximately 354,000 square feet in size and housed the production area, as well as offices, cafeteria, and other associated facilities when owned by Bausch & Lomb. Building 41 is approximately 5,000 square feet in size and was used by Bausch & Lomb for vehicle maintenance and general storage.

Paved parking areas abut the western sides of both buildings, and a paved driveway runs along the eastern side of Building 40 and between Buildings 40 and 41. A small gravel-covered general parking

[1] The August 2010 SMP was revised in October 2013. This revision is discussed in further detail in Section 1.3.

area adjoins the southern side of the main asphalt parking area southwest of Building 41. South of the buildings and parking areas the property is covered with open-field-type vegetation, including grasses, shrubs, and herbaceous plants.

The former Frame Center was constructed in 1961 and was enlarged in 1966. Based on site history and a review of the building construction, it was determined that the southern portion of Building 40 (i.e., the area south of column line 11) is located on a separate foundation system from the balance of the building and represents the 1966 addition to the original building. Historic operations at the facility included the production of plastic and metal eyeglass frames. A variety of materials, including solvents and plating metals, were used at the facility throughout its operational history for the production of eyeglass frames. The exact location of particular processes changed throughout the operational history of the facility in response to changing production and marketing needs (BBL, 1999a).

Since Bausch & Lomb sold the property (June 1998), the space within Building 40 has gradually shifted from an unoccupied large open space to subdivided areas occupied by various tenants for use as warehousing, manufacturing and office space. Building 41 was once also unoccupied but has been occupied in recent years. Recently this building became unoccupied again.

On January 11, 2019, a Change of Use Notice was submitted to NYSDEC regarding the construction of a new 30,000 square foot one-story building at the site by Buckingham Properties. This building was constructed hydraulically upgradient of the area of expected potential impacts due to historical site operations (i.e., east of the area shown on the PRR figures), but within the area covered by the SMP. Communications between Buckingham Properties and NYSDEC related to this new construction and from the period covered by this PRR were included as Appendix 1 to the 2018 PRR.

1.3 Modifications to the Sampling Program and Annual Report

As requested by the NYSDEC in a letter to Bausch & Lomb dated August 29, 2006, and required by the SSDS OM&M Plan, this report also includes information regarding the OM&M of the on-site SSDSs. These systems, which are engineering controls, were installed between October 2006 and February 2008 to address potential sub-slab vapor intrusion, per an Interim Remedial Measure (IRM) Work Plan (comprising an ARCADIS letter to the NYSDEC dated October 2, 2006 and a NYSDEC conditional approval letter dated October 16, 2006). The Final Engineering Report (FER) for the SSDS was submitted to NYSDEC in August 2008.

In March 2010, Bausch & Lomb submitted a Draft SMP to NYSDEC. NYSDEC provided approval via e-mail to begin operating under the Draft SMP, with the exception of the proposed effluent discharge sampling frequency and limits. As such, Bausch & Lomb began implementing semi-annual groundwater sampling and groundwater elevation measurements, which were the approved portions of the SMP. A July 12, 2010 letter from NYSDEC indicated that effluent monitoring should be conducted on a quarterly basis and should be conducted using new effluent limits. A final SMP was submitted to NYSDEC in August 2010 under which Bausch & Lomb operated under until 2013. In October 2013, the SMP was revised to include documentation of the removal of the off-site portion of the GWCTS as outlined below, semi-annual groundwater monitoring of a revised list of wells, along with documentation of other site updates that had been made since 2010.

As requested by the NYSDEC in a letter to Bausch & Lomb dated September 16, 2009, and in an e-mail sent to Bausch & Lomb dated October 6, 2009, Enclosure 1 – Institutional and Engineering Controls Certification Form was completed and provided as Attachment 1 to the 2009 Annual Report. As requested by NYSDEC in a January 21, 2011 e-mail, Enclosure 1 will continue to be the certification method for the Institutional and Engineering Controls associated with the site remedy; however, it will be submitted with the PRR every three years. As such, the next certification will be presented in the 2021 PRR to be submitted in March 2022.

An off-site pilot test was conducted from May 2011 to October 2012 to evaluate whether the off-site component of the GWCTS could be discontinued. Further details regarding the off-site pilot test were presented in the 2012 and 2013 PRRs and correspondence referenced therein. Another pilot test was completed in June 2012 to evaluate the use of granular activated carbon (GAC) as a cost-effective alternative treatment technology to the current air stripper being used for the GWCTS. Further details regarding the GAC pilot test were presented in the 2012 and 2013 PRRs and correspondence referenced therein. An additional pilot test was conducted from May 2015 to May 2017 to evaluate whether operation of extraction well EW-120 could be discontinued. Further details regarding the EW-120 pilot test were presented in the 2014 through 2017 PRRs, the June 2017 EW-120 Pilot Test Final Report, and correspondence referenced therein. As required by NYSDEC in a November 16, 2018 letter, operation of extraction well EW-120 was restored on November 19, 2018.

As required a June 15, 2018 letter from NYSDEC, Arcadis, on behalf of Bausch and Lomb, submitted a work plan addressing sampling for 1,4-dioxane and per- and polyfluoroalkyl substances (PFAS) (collectively referred to as emerging contaminants) to NYSDEC on August 6, 2018. That work plan was conditionally approved by NYSDEC on August 24, 2018. Emerging contaminant sampling was completed concurrently with the October 2018 semi-annual sampling. The results of emerging contaminant sampling were included in the 2018 PRR.

1.4 Groundwater-Related Issues

As required by the SMP, the following information regarding groundwater-related issues is included in this PRR:

- A brief discussion of the quarterly (pre-2010) and semi-annual groundwater sampling methods (Appendix 1), a summary of the semi-annual volatile organic compound (VOC) results (Table 1), and an updated 5 parts per billion (ppb) trichloroethene (TCE) distribution map (Figure 1).
- Site figures showing the distribution of semi-annual groundwater sampling results for VOCs collected in the shallow and deep overburden groundwater wells over the last four years at each well (Figures 2 and 3, respectively).
- Charts depicting long-term effectiveness (cleanup graph) for total VOCs for wells BL-16S, EW-130, and EW-140 (Appendix 2).
- Groundwater elevation contour maps for the shallow and deep overburden groundwater. Figures 4 and 5 show groundwater elevation contours for on-site pumping conditions (October 21-23, 2019) for the shallow and deep overburden groundwater, respectively.

While not required by the SMP, the groundwater elevations from April, and October 2019 are summarized in Table 2.

1.5 Groundwater Collection and Treatment System Performance

As required by the SMP, the following information regarding the GWCTS performance is included in this PRR:

- A brief discussion of the sampling methods used to collect influent and effluent samples from the GWCTS (Appendix 1) and a summary table of the analytical results for quarterly influent and effluent sampling (Table 3)
- A general discussion of the overall performance of the GWCTS, including:
  - any major maintenance problems encountered during the year (Appendix 3)
  - a summary table of the combined totalized flow for the treatment system effluent (Table 4)
  - a list of prolonged extraction well and treatment system downtime, including reasons for the downtime and corrective measures completed (Appendix 3)
  - a discussion of the discharge-limit exceedances, if any, and corrective measures completed (Appendix 3)
- Copies of monitoring and maintenance reports (Appendix 4)
- Copies of laboratory analytical data sheets for the system performance monitoring and quarterly groundwater sampling (Appendix 5)

1.5.1 Additional Activities

Additional activities that were performed for the GWCTS are summarized below.

1.5.1.1 Off-Site Well Pilot Test

As described in the 2012 and 2013 PRRs, the operation of the off-site GWCTS, located on the Carriage House Estates property, was discontinued in May 2011 as part of a pilot test to evaluate if the system was required to contain off-site VOCs in groundwater. The system and associated wells were subsequently abandoned in February 2013, following NYSDEC approval based on the results of that test. However, at the request of the NYSDEC and New York State Department of Health (NYSDOH), three wells in the off-site area, CH-3D, CH-6D (replaced by CH-6Dr), and CH-7 will remain in place (or be replaced if needed) and will continue to be monitored during semi-annual groundwater monitoring events.

An October 2013 revision of the SMP documented the removal of the off-site GWCTS and associated changes as well as other site updates that had been made since 2010. That SMP revision was approved by NYSDEC in an October 10, 2013 approval letter.

1.5.1.2 GAC Pilot Test

In a December 15, 2011 letter to Bausch & Lomb, NYSDEC approved a pilot test using GAC as an alternative treatment technology to the air stripper then used for the GWCTS. Bausch & Lomb implemented that pilot test from December 2011 through May 2012. Results of the GAC pilot test were presented in the Off-Site Pumping Well and GAC System Pilot Test Results Report dated July 9, 2012.The 2012 GAC pilot test correspondence is presented in Appendix 7 to the 2012 PRR. The GAC pilot test found that GAC is a viable treatment technology for the GWCTS; however, Bausch & Lomb found GAC treatment to be cost prohibitive at that time. As such, Bausch & Lomb decided to purchase and install in July 2012 a smaller air stripper (NEEP 1331P) that is better suited for the current treatment system flow. The NEEP 1331P installation and post installation discharge sample results are presented in Table 3 to 2012 PRR. Details regarding the installation of the NEEP 1331P system are included in Appendix 3 to 2012 PRR.

1.5.1.3 EW-120 Pilot Test

The scope of the EW-120 Pilot Test was detailed in the 2014 PRR, and was modified based on an April 2, 2015 letter, June 18, 2015 email to Bausch & Lomb, and May 2, 2016 telephone conversation between Bausch & Lomb and the NYSDEC. The EW-120 Pilot Test consisted of ceasing pumping at well EW-120 on May 27, 2015 and conducting routine groundwater sampling and water-level monitoring for a period of approximately 2 years following the shutdown. This pilot test included monthly to quarterly monitoring and quarterly groundwater elevation measuring. Upon completion of the pilot test, Bausch & Lomb submitted the June 2017 EW-120 Pilot Test Final Report to the NYSDEC. That report included a summary of the pilot test and a proposal to conduct another pilot test at pumping well EW-130. As the EW-120 pilot test concluded successfully, Bausch and Lomb proposed to end the EW-120 pilot test and not resume pumping and treating groundwater at well EW-120. However, well EW-120 was to be retained as a monitoring point for as long as is required for groundwater sampling activities and until NYSDEC approves decommissioning of this well. In a June 23, 2017 communication to Bausch and Lomb, NYSDEC agreed that extraction well EW-120 could remain deactivated. However, following additional review of the site groundwater quality data, NYSDEC required, in a November 16, 2018 letter, that pumping at extraction well EW-120 be resumed. Operation of EW-120 was restored on November 19, 2018.

1.6 Sub-Slab Depressurization Systems Performance

From October through December 2006, system installation occurred at the approximate locations shown on Figure 6. SSDSs were installed with the following suction points:

- Four near sub-slab sampling location SV-1 (former dry well area)
- Two near sub-slab sampling location SV-4 (former plating pit area)
- One near SV-5 in Building 41

In August 2007, two additional suction points, SV-1SC and SV-4SA respectively, were added near the SV-6 and SV-11 sampling locations and connected to nearby fans.

In November 2007, post-mitigation indoor air samples were collected from the former dry well and former plating pit areas to help evaluate the effectiveness of the expanded systems. Due to elevated detection limits in the previous sampling event, another co-located indoor air and sub-slab vapor sample pair was also collected in the former wastewater treatment area (east of former plating pit area, near SV-13). Based on the November 2007 analytical results and plans for future occupancy, an additional SSDS was installed in the former wastewater treatment area in February 2008. The analytical results and additional pressure field extension tests were reported in the March 19, 2008 *Supplemental Interim Vapor Mitigation Report* (ARCADIS, 2008).

As required by the SMP, the following relevant OM&M information for the SSDSs is also included in this PRR:

- A general discussion of the overall performance of the SSDSs; including:
    - No major maintenance problems were encountered, and only one system modification was made during the year (Installation of a new hardline telephone line for system call out) (Appendix 6).
    - A summary table of the pressure readings for the SSDSs (Table 5).
    - No prolonged SSDSs downtime occurred, although the suction fan at SV-13 was found to be malfunctioning in June 2019 and was replaced on June 6, 2019 (Appendix 6).
    - Copies of SSDSs monitoring and maintenance reports (Appendix 7).

1.6.1 Additional Activities

While tenants within Building 40 changed throughout 2019, no changes to the heating systems or renovations to the building occurred that would require an evaluation of the intended efficiency of the SSDS.

2 GROUNDWATER DISCUSSION

This section discusses the ongoing groundwater elevation changes during pumping at and near the site and presents an overview of groundwater quality, including the changes in groundwater quality from January 2019 through December 2019.

2.1 Relative Groundwater Elevation Changes

Groundwater elevations for this PRR were measured in April and October 2019, per the schedule outlined in the SMP. A water table contour map and deep overburden potentiometric surface contour map for the October 2019 round of measurements are presented on Figures 4 and 5, respectively. The October 2019 contour maps were compared to contour maps prepared over the past approximately 20 years (dating back to July 2000 [pre-GWCTS pumping]). As expected, the comparison shows that groundwater levels in close proximity to the on-site pumping wells are lower than levels in wells distant from the pumping wells. This confirms that the on-site groundwater recovery system (extraction wells EW-120 to EW-160) continues to alter the pre-pumping groundwater flow patterns, particularly in the immediate vicinity of the pumping wells.

Although the off-site pumping system is no longer active, the water levels in the remaining off-site monitoring wells (CH-3D, CH-6Dr, and CH-7) were comparable to levels measured while the off-site pumping system was active.

2.2 Groundwater Quality

In 2019, semi-annual groundwater sampling as required by the SMP was conducted.

2.2.1 Semi-Annual Groundwater Sampling

Based on the semi-annual groundwater analytical results provided in this report (Table 1), significant reductions in total VOC concentrations have been observed at nearly all of the monitoring wells included in the monitoring program since the GWCTS was activated in 2000. Several examples illustrating these decreases are provided in the table below.

Monitoring Well/Date	Total Groundwater VOC Concentration (parts per million [ppm])		Reduction in VOC Concentration	Comment
	Jan. 2001	Oct. 2019		
BL-9S Area BL-9S BL-9D	 22.809 0.874	 0.6541 0.1163	 97% 87%	None
BL-16S Area BL-16S BL-14S	 13.594 0.013	 0.8561 <0.002	 94%	January 2000 Total VOC Concentration = 2.037 ppm
BL-11D Area BL-20Sr	 4.235	 0.00911	 >99%	None

Monitoring Well/Date	Total Groundwater VOC Concentration (parts per million [ppm])		Reduction in VOC Concentration	Comment
	Jan. 2001	Oct. 2019		
Western Boundary				
BL-25D	0.212	0.01803	92%	CH-3D July 2000 Total VOC Concentration = 0.202
CH-6Dr	0.428	0.02845		
CH-3D	0.077	0.00554		CH-6S July 2000 Total VOC Concentration = 0.005
CH-6S**	0.004	<0.002*		

* Historical total VOC concentrations for the past ten years were all non-detect.
** Well was abandoned in February 2013 during the disconnection and removal of the off-site GWCTS components.

3 OPERATIONS SUMMARY

Based on 2019 operations, maintenance and monitoring activities at the site, the GWCTS and SSDS have operated as they were designed, and no major issues were encountered. However, a malfunctioning suction fan resulted in less than a week's downtime. This malfunctioning part was replaced as described in further detail in Appendix 6.

4 CERTIFICATION

Certification for the institutional and engineering controls is outlined by site management requirements presented in Section 6.3(b) of DER-10.

As requested by NYSDEC in a January 21, 2011 communication, facility certification will be submitted with the PRR every three years; thus, the next certification will be required March 1, 2022.

TABLES

Table 1
Semi-Annual Groundwater Sampling Results, All Areas

2019 Periodic Review Report
Bausch Lomb
Former Frame Center, Chili, New York

Location ID: / Date Collected: / Sample Name:	NYSDEC GA Criteria	Units	BL-1 04/30/19 BL 1	BL-1 10/31/19 BL 1	BL-8R 04/30/19 BL 8R	BL-8R 10/31/19 BL 8R	BL-9D 04/29/19 BL 9D	BL-9D 10/29/19 BL 9D	BL-9S 04/29/19 BL 9S	BL-9S 10/29/19 BL 9S	BL-14D 04/29/19 BL 14D	BL-14D 10/30/19 BL 14D	BL-14S 04/29/19 BL 14S
Volatile Organics													
1,1,1-Trichloroethane	5	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	4 U	5 U	2 U	2 U	2 U
1,1-Dichloroethane	5	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	4 U	5 U	2 U	2 U	2 U
1,1-Dichloroethene	5	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	4 U	12.8	2 U	2 U	2 U
cis-1,2-Dichloroethene	5	ug/L	2 U	2 U	2 U	2 U	53	53.1	56.6	399	2 U	2 U	2 U
Tetrachloroethene	5	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	4 U	5 U	2 U	2 U	2 U
trans-1,2-Dichloroethene	5	ug/L	2 U	2 U	2 U	2 U	2 U	2.15	4.27	10.3	2 U	2 U	2 U
Trichloroethene	5	ug/L	2 U	2 U	2 U	2 U	63.2	57.3	11.9	36	2 U	2 U	2 U
Vinyl Chloride	2	ug/L	2 U	2 U	2 U	2 U	7.97	3.75	105	196	2 U	2 U	2 U

Location ID: / Date Collected: / Sample Name:	NYSDEC GA Criteria	Units	BL-14S 10/30/19 BL 14S	BL-16S 04/25/19 BL16S	BL-16S 10/29/19 BL 16S	BL-17D 04/29/19 BL 17D	BL-17D 10/28/19 BL 17D	BL-18S 04/29/19 BL 18S	BL-18S 10/29/19 BL 18S	BL-20SR 04/25/19 BL20SR	BL-20SR 10/28/19 BL 20SR	BL-25D 04/25/19 BL25D	BL-25D 10/28/19 BL 25D
Volatile Organics													
1,1,1-Trichloroethane	5	ug/L	2 U	10 U	19.8	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	5	ug/L	2 U	10 U	11.5	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	5	ug/L	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-Dichloroethene	5	ug/L	2 U	14.4	19.8	2 U	2 U	2 U	2 U	2 U	2 U	3.58	4.53
Tetrachloroethene	5	ug/L	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-Dichloroethene	5	ug/L	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	5	ug/L	2 U	199	805	2 U	2 U	2 U	2 U	2 U	9.11	14.6	13.5
Vinyl Chloride	2	ug/L	2 U	10 U	10 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

Location ID: / Date Collected: / Sample Name:	NYSDEC GA Criteria	Units	BL-25S 04/25/19 BL25S	BL-25S 10/28/19 BL 25S	CH-3D 04/24/19 CH3D	CH-3D 10/24/19 CH 3D	CH-6Dr 04/24/19 CH6D	CH-6Dr 10/24/19 CH 6D	CH-7 04/24/19 CH7	CH-7 10/24/19 CH 7	EW-120 04/23/19 EW120	EW-120 10/23/19 EW 120	EW-130 04/23/19 EW130
Volatile Organics													
1,1,1-Trichloroethane	5	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethane	5	ug/L	2 U	2 U	2 U	2 U	2.6	3.25	2 U	2 U	2 U	2 U	2 U
1,1-Dichloroethene	5	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
cis-1,2-Dichloroethene	5	ug/L	2 U	2 U	4.48	5.54	9.9	12	2 U	2 U	6.04	6.2	4.56
Tetrachloroethene	5	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
trans-1,2-Dichloroethene	5	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U
Trichloroethene	5	ug/L	2 U	2 U	2 U	2 U	11	13.2	2 U	2 U	24.2	22.8	16.3
Vinyl Chloride	2	ug/L	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U	2 U

See Notes on Page 2.

Table 1
Semi-Annual Groundwater Sampling Results, All Areas

2019 Periodic Review Report
Bausch Lomb
Former Frame Center, Chili, New York

Location ID: Date Collected: Sample Name:	NYSDEC GA Criteria	Units	EW-130 10/23/19 EW 130	EW-140 04/23/19 EW140	EW-140 10/23/19 EW 140	EW-150 04/23/19 EW150	EW-150 10/23/19 EW 150	EW-160 04/23/19 EW160	EW-160 10/23/19 EW 160
Volatile Organics									
1,1,1-Trichloroethane	5	ug/L	2 U	5 U	5 U	2 U	2 U	2 U	5 U
1,1-Dichloroethane	5	ug/L	2.17	5 U	5.01	2 U	2 U	2 U	8.3
1,1-Dichloroethene	5	ug/L	2 U	5 U	5 U	2 U	2 U	2.24	6.88
cis-1,2-Dichloroethene	5	ug/L	11.7	64	60.9	72.6	78.2	2.07	5 U
Tetrachloroethene	5	ug/L	2 U	5 U	5 U	2 U	2 U	6.05	21.4
trans-1,2-Dichloroethene	5	ug/L	2 U	5 U	5 U	2 U	2 U	2 U	5 U
Trichloroethene	5	ug/L	37	215	186	79	75	107	360
Vinyl Chloride	2	ug/L	2 U	5 U	5 U	6.06	3.45	2 U	5 U

Notes:
1. Shaded results exceed the applicable GA Standard.
U = The compound was analyzed for but not detected. The associated value is the compound quantitation limit.

Table 2
Summary of Groundwater Elevations

2019 Periodic Review Report
Bausch & Lomb
Former Frame Center, Chili, New York

Location	MP elev. (ft.)	Water Level Elevation	
		4/22-23/19	10/21-23/19
Monitoring Wells			
BL-1	552.52	550.69	548.65
BL-2S	548.65	543.24	536.71
BL-2D	548.11	538.50	534.37
BL-3	549.73	540.62	537.70
BL-4S	546.77	541.53	537.03
BL-4D	546.67	542.85	540.13
BL-7	548.52	539.67	534.94
BL-8r	543.82	540.02	536.73
BL-9S	545.18	542.28	535.15
BL-9D	545.39	537.69	534.28
BL-10S	547.16	543.13	534.44
BL-10D	547.21	538.04	533.99
BL-11S	548.74	544.35	534.79
BL-11D	548.90	538.43	534.30
BL-12S	549.11	542.91	538.59
BL-13S	541.20	536.38	530.44
BL-13D	541.05	535.01	528.37
BL-14S	542.12	536.94	527.41
BL-14D	542.44	537.24	528.41
BL-15S	545.90	543.50	530.85
BL-15D	546.12	537.94	533.42
BL-16S	544.53	542.14	532.42
BL-17D	536.45	532.16	525.60
BL-18S	538.23	535.90	526.43
BL-19S	545.04	541.75	529.65
BL-20Sr	548.58	542.28	534.26
BL-21S	547.13	Dry	Dry
BL-22D	549.60	538.11	533.73
BL-23S	549.06	543.32	537.48
BL-23D	546.91	530.96	530.61
BL-24S	549.55	539.61	534.13
BL-24D	549.46	537.91	533.90
BL-25S	549.15	540.38	533.75
BL-25D	549.28	537.25	533.33
BL-26D	549.03	538.38	533.46
BL-27D	546.99	Dry	Dry
SSA Monitoring Wells			
SS-1	545.90	541.98	531.26
Carriage House Property Monitoring Wells			
CH-3D	539.15	536.71	533.44
CH-6D/6Dr	539.67	536.84	533.69
CH-7	540.21	536.89	533.75
Extraction Wells			
EW-120	544.73	534.71	529.95
EW-130	544.45	530.53	530.03
EW-140	546.41	536.71	533.34
EW-150	540.67	539.87	519.05
EW-160	537.56	518.77	516.82
Piezometers			
PZ-1S	550.43	539.29	534.20
PZ-1D	550.43	538.31	533.99

Table 3
Summary of Treatment System Influent and Effluent, January 2019 – December 2019

2019 Periodic Review Report
Bausch & Lomb
Former Frame Center, Chili, New York

Location ID: Date Collected: Sample Name:	Discharge Limit	Units	Effluent Grab 01/16/19 Effluent Grab	Mass Loading (lbs/day) 01/16/19	Effluent Grab 04/29/19 Effluent Grab	Mass Loading (lbs/day) 04/29/19	Effluent Grab 07/09/19 Effluent Grab	Mass Loading (lbs/day) 07/09/19	Effluent Grab 10/24/19 Effluent Grab	Mass Loading (lbs/day) 10/24/19
Volatile Organics										
1,1,1-Trichloroethane	10	ug/L	2 U	NA	2 U	NA	2 U	NA	2 U	NA
1,1,2,2-Tetrachloroethane	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1,2-trichloro-1,2,2-trifluoroethane	10	ug/L	2 U	NA	2 U	NA	2 U	NA	2 U	NA
1,1,2-Trichloroethane	10	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,1-Dichloroethane	10	ug/L	2 U	NA	2 U	NA	2 U	NA	2 U	NA
1,1-Dichloroethene	10	ug/L	2 U	NA	2 U	NA	2 U	NA	2 U	NA
1,2-Dichloroethane	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
1,2-Dichloropropane	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
2-Butanone	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
2-Chloroethylvinylether	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
2-Hexanone	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
4-Methyl-2-pentanone	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Acetone	10	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Benzene	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Bromodichloromethane	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Bromoform	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Bromomethane	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Disulfide	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Carbon Tetrachloride	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Chlorobenzene	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloroethane	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloroform	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Chloromethane	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
cis-1,2-Dichloroethene	10	ug/L	2 U	NA	2 U	NA	2 U	NA	2 U	NA
cis-1,3-Dichloropropene	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Dibromochloromethane	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Ethylbenzene	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
m&p-Xylene	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Methylene Chloride	10	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
o-Xylene	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Styrene	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Tetrachloroethene	10	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Toluene	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,2-Dichloroethene	10	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
trans-1,3-Dichloropropene	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Trichloroethene	10	ug/L	2 U	NA	2 U	NA	2 U	NA	2 U	NA
Trichlorofluoromethane	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Acetate	- -	ug/L	NA	NA	NA	NA	NA	NA	NA	NA
Vinyl Chloride	10	ug/L	2 U	NA	2 U	NA	2 U	NA	2 U	NA
Total VOCs	- -	ug/L	ND	NA	ND	NA	ND	NA	ND	NA
Inorganics										
Iron	- -	mg/L	0.05 U	NA	0.1 U	NA	0.1 U	NA	0.1 U	NA

Table 3
Summary of Treatment System Influent and Effluent, January 2019 – December 2019

2019 Periodic Review Report
Bausch & Lomb
Former Frame Center, Chili, New York

Location ID: Date Collected: Sample Name:	Discharge Limit	Units	Influent Grab 01/16/19 Influent Grab	Influent Grab 04/29/19 Influent Grab	Influent Grab 07/09/19 Influent Grab	Influent Grab 10/24/19 Influent Grab
Volatile Organics						
1,1,1-Trichloroethane	10	ug/L	2 U	2 U	2 U	2 U
1,1,2,2-Tetrachloroethane	- -	ug/L	2 U	2 U	2 U	2 U
1,1,2-trichloro-1,2,2-trifluoroethane	10	ug/L	11.4	9.32	7.51	7.22
1,1,2-Trichloroethane	10	ug/L	2 U	2 U	2 U	2 U
1,1-Dichloroethane	10	ug/L	3.51	2.94	2.22	2.88
1,1-Dichloroethene	10	ug/L	2.02	2 U	2 U	2 U
1,2-Dichloroethane	- -	ug/L	2 U	2 U	2 U	2 U
1,2-Dichloropropane	- -	ug/L	2 U	2 U	2 U	2 U
2-Butanone	- -	ug/L	10 U	10 U	10 U	10 U
2-Chloroethylvinylether	- -	ug/L	5 U	10 U	10 U	10 U
2-Hexanone	- -	ug/L	5 U	5 U	5 U	5 U
4-Methyl-2-pentanone	- -	ug/L	5 U	5 U	5 U	5 U
Acetone	10	ug/L	10 U	10 U	10 U	10 U
Benzene	- -	ug/L	1 U	1 U	1 U	1 U
Bromodichloromethane	- -	ug/L	2 U	2 U	2 U	2 U
Bromoform	- -	ug/L	5 U	5 U	5 U	5 U
Bromomethane	- -	ug/L	2 U	2 U	2 U	2 U
Carbon Disulfide	- -	ug/L	2 U	2 U	2 U	2 U
Carbon Tetrachloride	- -	ug/L	2 U	2 U	2 U	2 U
Chlorobenzene	- -	ug/L	2 U	2 U	2 U	2 U
Chloroethane	- -	ug/L	2 U	2 U	2 U	2 U
Chloroform	- -	ug/L	2 U	2 U	2 U	2 U
Chloromethane	- -	ug/L	2 U	2 U	2 U	2 U
cis-1,2-Dichloroethene	10	ug/L	42.1	52	40.8	44.9
cis-1,3-Dichloropropene	- -	ug/L	2 U	2 U	2 U	2 U
Dibromochloromethane	- -	ug/L	2 U	2 U	2 U	2 U
Ethylbenzene	- -	ug/L	2 U	2 U	2 U	2 U
m&p-Xylene	- -	ug/L	2 U	2 U	2 U	2 U
Methylene Chloride	10	ug/L	5 U	5 U	5 U	5 U
o-Xylene	- -	ug/L	2 U	2 U	2 U	2 U
Styrene	- -	ug/L	5 U	5 U	5 U	5 U
Tetrachloroethene	10	ug/L	2.2	2 U	2 U	2 U
Toluene	- -	ug/L	2 U	2 U	2 U	2 U
trans-1,2-Dichloroethene	10	ug/L	2 U	2 U	2 U	2 U
trans-1,3-Dichloropropene	- -	ug/L	2 U	2 U	2 U	2 U
Trichloroethene	10	ug/L	141	129	84	93.9
Trichlorofluoromethane	- -	ug/L	2 U	2 U	2 U	2 U
Vinyl Acetate	- -	ug/L	5 U	5 U	5 U	5 U
Vinyl Chloride	10	ug/L	2 U	2.28	2.12	2 U
Total VOCs	- -	ug/L	202.23	195.54	136.65	148.9
Inorganics						
Iron	- -	mg/L	NA	NA	NA	NA

Table 4
Treatment System Effluent Discharge Rate Summary

2019 Periodic Review Report
Bausch & Lomb
Former Frame Center, Chili, New York

Date	Effluent Meter Totalizer Reading (Gallons)	Days Since Previous Reading	Total Flow During This Period (Gallons)	Average Flow Rate (Gallons/Minute)
1/31/2019	111,992,988	33	451,955	9.5
2/25/2019	112,280,521	25	287,533	8.0
3/29/2019	112,619,814	32	339,293	7.4
4/29/2019	113,001,160	31	381,346	8.5
5/31/2019	113,423,086	32	421,926	9.2
6/28/2019	113,725,033	28	301,947	7.5
7/30/2019	114,077,261	32	352,228	7.6
8/26/2019	114,344,502	27	267,241	6.9
9/30/2019	114,685,881	35	341,379	6.8
10/30/2019	114,970,668	30	284,787	6.6
11/27/2019	115,263,483	28	292,815	7.3
12/22/2019	115,368,598	25	105,115	2.9

Notes:
1. Effluent Meter readings are corrected for total flow through the system by adding historical flow totals to the current flow meter (installed in 2002).

Table 5
Sub-Slab Depressurization Systems Monitoring Data Summary

2019 Periodic Review Report
Bausch & Lomb
Former Frame Center, Chili, New York

Location	Date	Time	PID Background Reading (ppb)	System Discharge PID Reading (ppb)	System Pressure (negative inches of water)	Comments
Bldg 41 (SV-5)	1/9/2019	12:30 PM	NA	NA	3.7	
Bldg 41 (SV-5)	2/6/2019	1:18 PM	NA	NA	2.8	
Bldg 41 (SV-5)	3/8/2019	12:52 PM	NA	NA	2.8	
Bldg 41 (SV-5)	4/19/2019	12:57 PM	NA	NA	2.8	
Bldg 41 (SV-5)	5/13/2019	11:23 AM	NA	NA	3.1	
Bldg 41 (SV-5)	6/5/2019	1:00 PM	NA	NA	3.2	
Bldg 41 (SV-5)	7/11/2019	11:53 AM	NA	NA	1.2	System needed new manometer tubing.
Bldg 41 (SV-5)	8/5/2019	1:50 PM	NA	NA	2.5	
Bldg 41 (SV-5)	9/5/2019	12:40 PM	NA	NA	1.5	
Bldg 41 (SV-5)	10/7/2019	12:18 PM	NA	NA	2.5	
Bldg 41 (SV-5)	11/6/2019	11:00 AM	NA	NA	2.1	
Bldg 41 (SV-5)	12/12/2019	11:14 AM	NA	NA	1.0	
Dry Well (SV-1N)	1/9/2019	12:30 PM	NA	NA	1.5	
Dry Well (SV-1N)	2/6/2019	1:18 PM	NA	NA	1.5	
Dry Well (SV-1N)	3/8/2019	12:52 PM	NA	NA	1.4	
Dry Well (SV-1N)	4/19/2019	12:57 PM	NA	NA	1.3	
Dry Well (SV-1N)	5/13/2019	11:23 AM	NA	NA	1.4	
Dry Well (SV-1N)	6/5/2019	1:00 PM	NA	NA	1.4	
Dry Well (SV-1N)	7/11/2019	11:53 AM	NA	NA	1.4	
Dry Well (SV-1N)	8/5/2019	1:50 PM	NA	NA	1.5	
Dry Well (SV-1N)	9/5/2019	12:40 PM	NA	NA	1.5	
Dry Well (SV-1N)	10/7/2019	12:18 PM	NA	NA	1.5	
Dry Well (SV-1N)	11/6/2019	11:00 AM	NA	NA	1.4	
Dry Well (SV-1N)	12/12/2019	11:14 AM	NA	NA	1.4	
Dry Well (SV-1S)	1/9/2019	12:30 PM	NA	NA	4.0	
Dry Well (SV-1S)	2/6/2019	1:18 PM	NA	NA	4.0	
Dry Well (SV-1S)	3/8/2019	12:52 PM	NA	NA	3.9	
Dry Well (SV-1S)	4/19/2019	12:57 PM	NA	NA	4.0	
Dry Well (SV-1S)	5/13/2019	11:23 AM	NA	NA	4.0	
Dry Well (SV-1S)	6/5/2019	1:00 PM	NA	NA	4.0	
Dry Well (SV-1S)	7/11/2019	11:53 AM	NA	NA	4.0	
Dry Well (SV-1S)	8/5/2019	1:50 PM	NA	NA	4.0	
Dry Well (SV-1S)	9/5/2019	12:40 PM	NA	NA	4.0	
Dry Well (SV-1S)	10/7/2019	12:18 PM	NA	NA	4.0	
Dry Well (SV-1S)	11/6/2019	11:00 AM	NA	NA	4.0	
Dry Well (SV-1S)	12/12/2019	11:14 AM	NA	NA	4.0	
Plating North (SV-4N)	1/9/2019	12:30 AM	NA	NA	2.2	
Plating North (SV-4N)	2/6/2019	1:18 PM	NA	NA	2.2	
Plating North (SV-4N)	3/8/2019	12:52 PM	NA	NA	2.2	
Plating North (SV-4N)	4/19/2019	12:57 PM	NA	NA	2.3	
Plating North (SV-4N)	5/13/2019	11:23 AM	NA	NA	2.4	
Plating North (SV-4N)	6/5/2019	1:00 PM	NA	NA	2.5	
Plating North (SV-4N)	7/11/2019	11:53 AM	NA	NA	3.2	
Plating North (SV-4N)	8/5/2019	1:50 PM	NA	NA	2.7	
Plating North (SV-4N)	9/5/2019	12:40 PM	NA	NA	2.5	
Plating North (SV-4N)	10/7/2019	12:18 PM	NA	NA	2.4	
Plating North (SV-4N)	11/6/2019	11:00 AM	NA	NA	2.2	
Plating North (SV-4N)	12/12/2019	11:14 AM	NA	NA	2.2	
Plating South (SV-4S)	1/9/2019	12:30 PM	NA	NA	3.5	
Plating South (SV-4S)	2/6/2019	1:18 PM	NA	NA	3.7	
Plating South (SV-4S)	3/8/2019	12:52 PM	NA	NA	3.6	
Plating South (SV-4S)	4/19/2019	12:57 PM	NA	NA	3.3	
Plating South (SV-4S)	5/13/2019	11:23 AM	NA	NA	3.5	
Plating South (SV-4S)	6/5/2019	1:00 PM	NA	NA	3.3	
Plating South (SV-4S)	7/11/2019	11:53 AM	NA	NA	3.6	
Plating South (SV-4S)	8/5/2019	1:50 PM	NA	NA	3.2	
Plating South (SV-4S)	9/5/2019	12:40 PM	NA	NA	3.3	
Plating South (SV-4S)	10/7/2019	12:18 PM	NA	NA	3.5	
Plating South (SV-4S)	11/6/2019	11:00 AM	NA	NA	3.7	
Plating South (SV-4S)	12/12/2019	11:14 AM	NA	NA	3.7	

See Notes on Page 2.

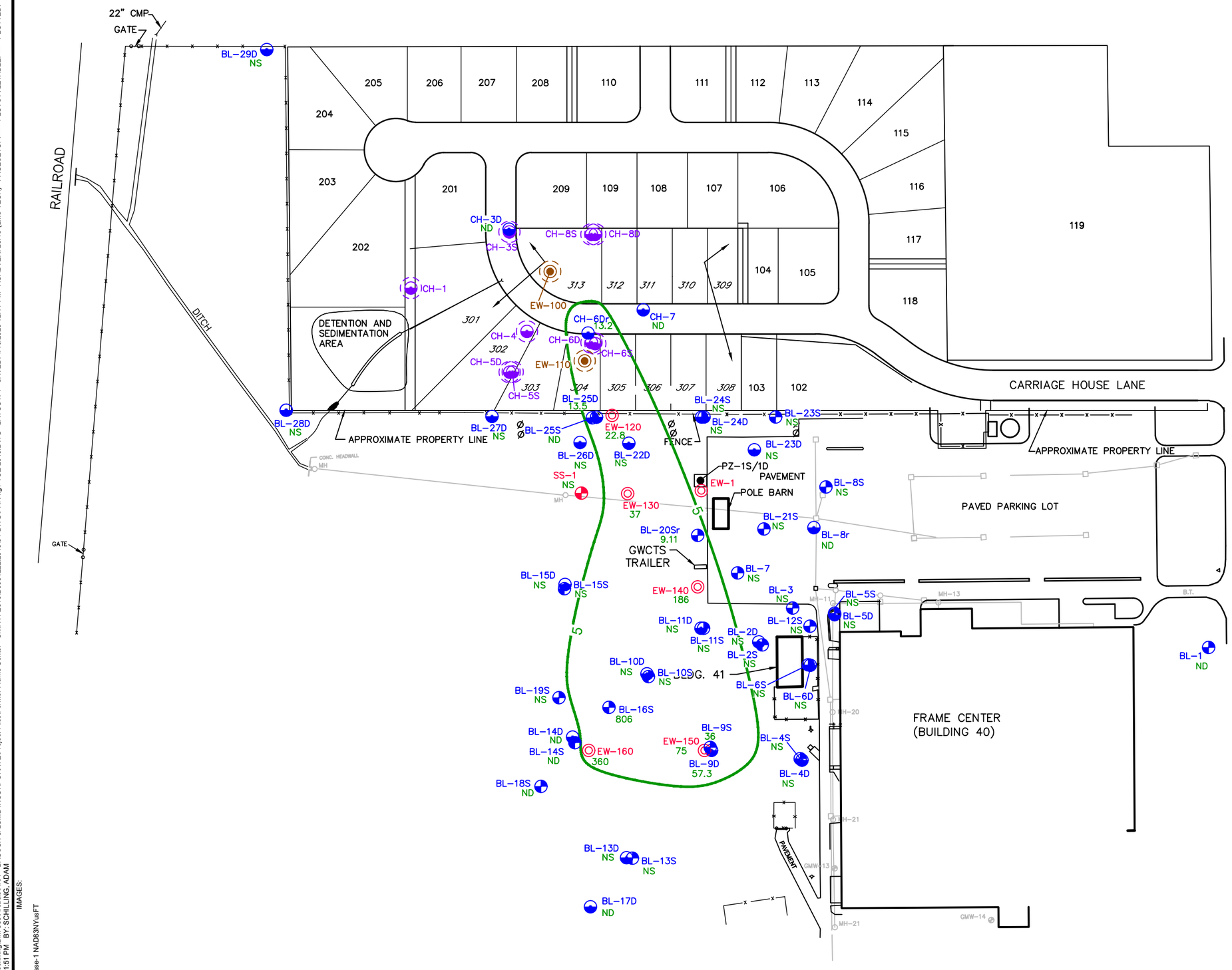
Table 5
Sub-Slab Depressurization Systems Monitoring Data Summary

2019 Periodic Review Report
Bausch & Lomb
Former Frame Center, Chili, New York

Location	Date	Time	PID Background Reading (ppb)	System Discharge PID Reading (ppb)	System Pressure (negative inches of water)	Comments
WWT Area (SV-13)	1/9/2019	12:30 PM	NA	NA	3.5	
WWT Area (SV-13)	2/6/2019	1:18 PM	NA	NA	3.5	
WWT Area (SV-13)	3/8/2019	12:52 PM	NA	NA	3.5	
WWT Area (SV-13)	4/19/2019	12:57 PM	NA	NA	3.5	
WWT Area (SV-13)	5/13/2019	11:23 AM	NA	NA	3.5	
WWT Area (SV-13)	6/6/2019	1:00 PM	NA	NA	3.5	Replaced fan on 6/6/2019.
WWT Area (SV-13)	7/11/2019	11:53 AM	NA	NA	3.6	
WWT Area (SV-13)	8/5/2019	1:50 PM	NA	NA	3.6	
WWT Area (SV-13)	9/5/2019	12:40 PM	NA	NA	3.5	
WWT Area (SV-13)	10/7/2019	12:18 PM	NA	NA	3.5	
WWT Area (SV-13)	11/6/2019	11:00 AM	NA	NA	3.5	
WWT Area (SV-13)	12/12/2019	11:14 AM	NA	NA	3.5	

Notes:
1. On November 21, 2006, and December 27, 2006, additional suction drops in Eagle Freight Company area were added to the former dry well area SV-1 fan.
NA = Not available.
ppb = parts per billion.

FIGURES



LEGEND:

- MONITORING WELL INSTALLED IN SHALLOW OVERBURDEN
- MONITORING WELL INSTALLED AT BASE OF OVERBURDEN/TOP OF ROCK
- ABANDONED MONITORING WELL
- STAINLESS STEEL WELL POINT
- CATCH BASIN
- MANHOLE
- 6"ø EXTRACTION WELL
- ABANDONED EXTRACTION WELL
- 1"ø NESTED PIEZOMETER
- APPROXIMATE ADJACENT TRACT BOUNDARY
- APPROXIMATE PROPOSED LOT BOUNDARY
- APPROXIMATE EXISTING LOT BOUNDARY
- APPROXIMATE EASEMENT BOUNDARY
- FENCE
- RG&E POWER POLE
- 5 — INFERRED TCE ISOCONCENTRATION CONTOUR (IN PARTS PER BILLION [ppb]). BASED ON FIGURE 4 OF THE BBL OCTOBER 2000 GROUNDWATER REMEDIAL DESIGN/REMOVAL ACTION WORK PLAN MODIFIED WITH THE RESULTS OF THE OCTOBER 2014 QUARTERLY SAMPLING RESULTS.
- 413 — TCE CONCENTRATION IN ppb AS MEASURED IN THE RESPECTIVE GROUNDWATER MONITORING WELL
- ND — NOT DETECTED AT OR ABOVE THE DETECTION LIMT AS SHOWN IN TABLE 1.
- NS — NOT SAMPLED

NOTES:

1. SITE PLAN FOR THE ON-SITE AREAS COMPILED FROM EXISTING SITE PLANS PROVIDED BY BAUSCH & LOMB AND SITE SURVEYS TO LOCATE ALL MONITORING WELLS BY BB&L DATED 6/17/92, REVISED 4/13/94, 8/13/98, 10/28-29/98, AND 10/11/00.
2. LOCATIONS OF PROPERTY LINES, SUBSURFACE UTILITIES AND LIMITS OF BUILDINGS AND PARKING AREAS ARE APPROXIMATE.
3. ADJACENT PROPERTY INFORMATION FROM TRACT MAPS PREPARED BY LADIEU ASSOCIATES P.C.; LOT NUMBERS 101 TO 118 AND 201 TO 208 WERE DESIGNATED BY LADIEU ASSOCIATES P.C.; LOTS IDENTIFIED AS 301 TO 313 ARE IDENTIFIED HERE FOR CONVENIENCE ONLY. INVERT ELEVATION DATUM IS UNKNOWN.
4. OFF-SITE MONITORING WELLS AND EXTRACTION WELLS WERE ABANDONED IN FEBRUARY 2013 IN ACCORDANCE WITH ARCADIS' NOVEMBER 30, 2012 OFF-SITE WELL ABANDONMENT WORK PLAN. THE WORK PLAN WAS APPROVED BY NYSDEC IN A DECEMBER 14, 2012 LETTER.

0 200' 400'

GRAPHIC SCALE

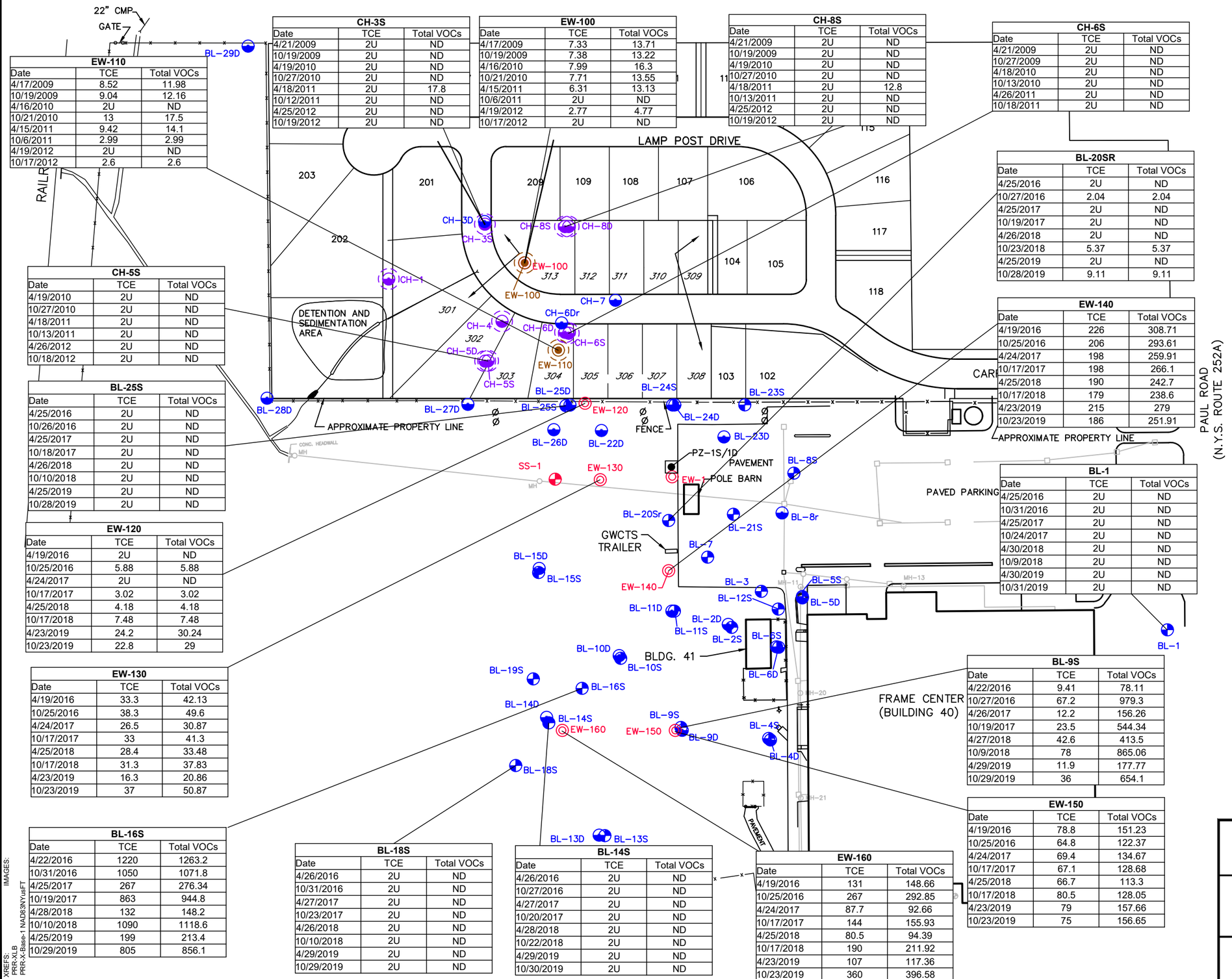
BAUSCH & LOMB INCORPORATED
FORMER FRAME CENTER
CHILI, NEW YORK
PERIODIC REVIEW REPORT

5 ppb TCE DISTRIBUTION OCTOBER 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE
1

CITY: (MINNEAPOLIS, MN) SYRACUSE-NY DIV/GROUP: ENV/CAD DB: (R. OBERLANDER) K.SARTORI PIC:(Opt) PM: TM: L.MIKOCHIK LYR:(Opt)ON=*;OFF=*REF*
C:\Users\aschilling\BIM 360\Arcadis\ANA – BAUSCH & LOMB INCORPORATE\Project Files\Former Frame Center - Chili NY\2019\B0034222.2019\01-DWG\PRR-fig1-TCE 2019.DWG LAYOUT: 1 SAVED: 1/10/2020 12:11 PM ACADVER: 23.1S (LMS TECH) PAGESETUP: ---- PLOTSTYLETABLE: ---- PLOTTED: 1/16/2020 1:51 PM BY: SCHILLING, ADAM
XREFS:
PRR-XLB
PRR-X-Base-1 NAD83NYusFT
IMAGES:



EW-110

Date	TCE	Total VOCs
4/17/2009	8.52	11.98
10/19/2009	9.04	12.16
4/16/2010	2U	ND
10/21/2010	13	17.5
4/15/2011	9.42	14.1
10/6/2011	2.99	2.99
4/19/2012	2U	ND
10/17/2012	2.6	2.6

CH-3S

Date	TCE	Total VOCs
4/21/2009	2U	ND
10/19/2009	2U	ND
4/19/2010	2U	ND
10/27/2010	2U	ND
4/18/2011	2U	17.8
10/12/2011	2U	ND
4/25/2012	2U	ND
10/19/2012	2U	ND

EW-100

Date	TCE	Total VOCs
4/17/2009	7.33	13.71
10/19/2009	7.38	13.22
4/16/2010	7.99	16.3
10/21/2010	7.71	13.55
4/15/2011	6.31	13.13
10/6/2011	2U	ND
4/19/2012	2.77	4.77
10/17/2012	2U	ND

CH-8S

Date	TCE	Total VOCs
4/21/2009	2U	ND
10/19/2009	2U	ND
4/19/2010	2U	ND
10/27/2010	2U	ND
4/18/2011	2U	12.8
10/13/2011	2U	ND
4/25/2012	2U	ND
10/19/2012	2U	ND

CH-6S

Date	TCE	Total VOCs
4/21/2009	2U	ND
10/27/2009	2U	ND
4/18/2010	2U	ND
10/13/2010	2U	ND
4/26/2011	2U	ND
10/18/2011	2U	ND

BL-20SR

Date	TCE	Total VOCs
4/25/2016	2U	ND
10/27/2016	2.04	2.04
4/25/2017	2U	ND
10/19/2017	2U	ND
4/26/2018	2U	ND
10/23/2018	5.37	5.37
4/25/2019	2U	ND
10/28/2019	9.11	9.11

EW-140

Date	TCE	Total VOCs
4/19/2016	226	308.71
10/25/2016	206	293.61
4/24/2017	198	259.91
10/17/2017	198	266.1
4/25/2018	190	242.7
10/17/2018	179	238.6
4/23/2019	215	279
10/23/2019	186	251.91

CH-5S

Date	TCE	Total VOCs
4/19/2010	2U	ND
10/27/2010	2U	ND
4/18/2011	2U	ND
10/13/2011	2U	ND
4/26/2012	2U	ND
10/18/2012	2U	ND

BL-25S

Date	TCE	Total VOCs
4/25/2016	2U	ND
10/26/2016	2U	ND
4/25/2017	2U	ND
10/18/2017	2U	ND
4/26/2018	2U	ND
10/10/2018	2U	ND
4/25/2019	2U	ND
10/28/2019	2U	ND

EW-120

Date	TCE	Total VOCs
4/19/2016	2U	ND
10/25/2016	5.88	5.88
4/24/2017	2U	ND
10/17/2017	3.02	3.02
4/25/2018	4.18	4.18
10/17/2018	7.48	7.48
4/23/2019	24.2	30.24
10/23/2019	22.8	29

BL-1

Date	TCE	Total VOCs
4/25/2016	2U	ND
10/31/2016	2U	ND
4/25/2017	2U	ND
10/24/2017	2U	ND
4/30/2018	2U	ND
10/9/2018	2U	ND
4/30/2019	2U	ND
10/31/2019	2U	ND

EW-130

Date	TCE	Total VOCs
4/19/2016	33.3	42.13
10/25/2016	38.3	49.6
4/24/2017	26.5	30.87
10/17/2017	33	41.3
4/25/2018	28.4	33.48
10/17/2018	31.3	37.83
4/23/2019	16.3	20.86
10/23/2019	37	50.87

BL-9S

Date	TCE	Total VOCs
4/22/2016	9.41	78.11
10/27/2016	67.2	979.3
4/26/2017	12.2	156.26
10/19/2017	23.5	544.34
4/27/2018	42.6	413.5
10/9/2018	78	865.06
4/29/2019	11.9	177.77
10/29/2019	36	654.1

BL-16S

Date	TCE	Total VOCs
4/22/2016	1220	1263.2
10/31/2016	1050	1071.8
4/25/2017	267	276.34
10/19/2017	863	944.8
4/28/2018	132	148.2
10/10/2018	1090	1118.6
4/25/2019	199	213.4
10/29/2019	805	856.1

BL-18S

Date	TCE	Total VOCs
4/26/2016	2U	ND
10/31/2016	2U	ND
4/27/2017	2U	ND
10/23/2017	2U	ND
4/26/2018	2U	ND
10/10/2018	2U	ND
4/29/2019	2U	ND
10/29/2019	2U	ND

BL-14S

Date	TCE	Total VOCs
4/26/2016	2U	ND
10/27/2016	2U	ND
4/27/2017	2U	ND
10/20/2017	2U	ND
4/28/2018	2U	ND
10/22/2018	2U	ND
4/29/2019	2U	ND
10/30/2019	2U	ND

EW-150

Date	TCE	Total VOCs
4/19/2016	78.8	151.23
10/25/2016	64.8	122.37
4/24/2017	69.4	134.67
10/17/2017	67.1	128.68
4/25/2018	66.7	113.3
10/17/2018	80.5	128.05
4/23/2019	79	157.66
10/23/2019	75	156.65

EW-160

Date	TCE	Total VOCs
4/19/2016	131	148.66
10/25/2016	267	292.85
4/24/2017	87.7	92.66
10/17/2017	144	155.93
4/25/2018	80.5	94.39
10/17/2018	190	211.92
4/23/2019	107	117.36
10/23/2019	360	396.58

LEGEND:

- MONITORING WELL INSTALLED IN SHALLOW OVERBURDEN
- MONITORING WELL INSTALLED AT BASE OF OVERBURDEN/TOP OF ROCK
- ABANDONED MONITORING WELL
- STAINLESS STEEL WELL POINT
- CATCH BASIN
- MANHOLE
- 6"ø EXTRACTION WELL
- ABANDONED EXTRACTION WELL
- 1"ø NESTED PIEZOMETER
- APPROXIMATE ADJACENT TRACT BOUNDARY
- APPROXIMATE PROPOSED LOT BOUNDARY
- APPROXIMATE EXISTING LOT BOUNDARY
- APPROXIMATE EASEMENT BOUNDARY
- —x—x— FENCE
- ø RG&E POWER POLE

ALL CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L) EQUIVALENT TO PARTS PER BILLION (ppb)

ND = NOT DETECTED
U = NOT DETECTED BELOW GIVEN INSTRUMENT DETECTION LIMIT

NOTES:

1. SITE PLAN FOR THE ON-SITE AREAS COMPILED FROM EXISTING SITE PLANS PROVIDED BY BAUSCH & LOMB AND SITE SURVEYS TO LOCATE ALL MONITORING WELLS BY BB&L DATED 6/17/92, REVISED 4/13/94, 8/13/98, 10/28-29/98, AND 10/11/00.
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3. ADJACENT PROPERTY INFORMATION FROM TRACT MAPS PREPARED BY LADIEU ASSOCIATES P.C.; LOT NUMBERS 101 TO 118 AND 201 TO 208 WERE DESIGNATED BY LADIEU ASSOCIATES P.C.; LOTS IDENTIFIED AS 301 TO 313 ARE IDENTIFIED HERE FOR CONVENIENCE ONLY. INVERT ELEVATION DATUM IS UNKNOWN.
4. OFF-SITE MONITORING WELLS AND EXTRACTION WELLS WERE ABANDONED IN FEBRUARY 2013 IN ACCORDANCE WITH ARCADIS' NOVEMBER 30, 2012 OFF-SITE WELL ABANDONMENT WORK PLAN. THE WORK PLAN WAS APPROVED BY NYSDEC IN A DECEMBER 14, 2012 LETTER.

0 200' 400'

GRAPHIC SCALE

BAUSCH & LOMB INCORPORATED
FORMER FRAME CENTER
CHILI, NEW YORK
PERIODIC REVIEW REPORT

SEMI-ANNUAL GROUNDWATER ANALYTICAL RESULTS SUMMARY SHALLOW OVERBURDEN 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE 2

CITY: (MINNEAPOLIS, MN) SYRACUSE-NY DIV/GROUP: ENV/CAD DB: (R. OBERLANDER) K.SARTORI PIC:(Opt) PM: TM: L.MIKOCHIK LYR:(Opt)ON=*;OFF=*REF*
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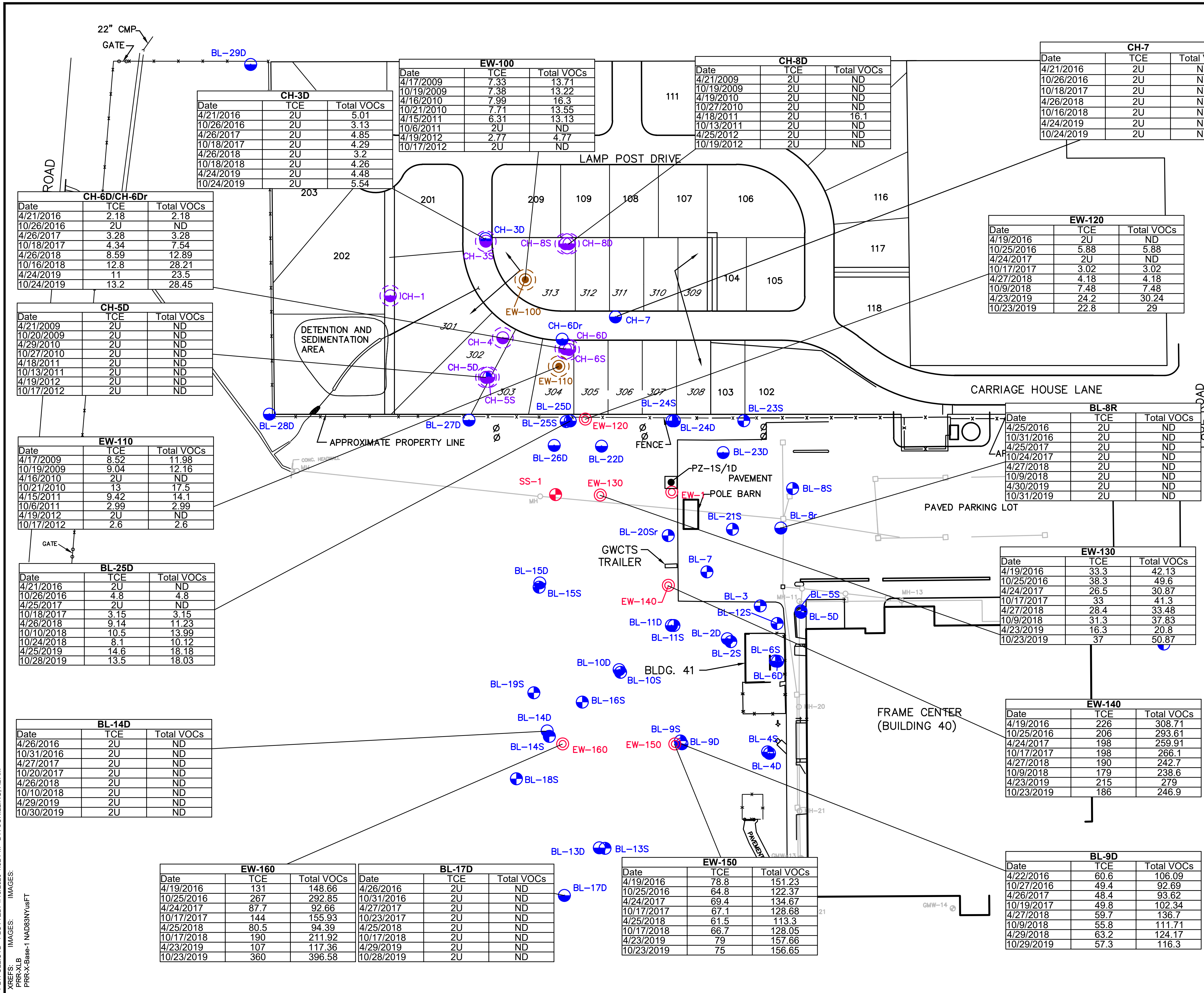

CH-3D

Date	TCE	Total VOCs
4/21/2016	2U	5.01
10/26/2016	2U	3.13
4/26/2017	2U	4.85
10/18/2017	2U	4.29
4/26/2018	2U	3.2
10/18/2018	2U	4.26
4/24/2019	2U	4.48
10/24/2019	2U	5.54

EW-100

Date	TCE	Total VOCs
4/17/2009	7.33	13.71
10/19/2009	7.38	13.22
4/16/2010	7.99	16.3
10/21/2010	7.71	13.55
4/15/2011	6.31	13.13
10/6/2011	2U	ND
4/19/2012	2.77	4.77
10/17/2012	2U	ND

CH-8D

Date	TCE	Total VOCs
4/21/2009	2U	ND
10/19/2009	2U	ND
4/19/2010	2U	ND
10/27/2010	2U	ND
4/18/2011	2U	16.1
10/13/2011	2U	ND
4/25/2012	2U	ND
10/19/2012	2U	ND

CH-7

Date	TCE	Total VOCs
4/21/2016	2U	ND
10/26/2016	2U	ND
10/18/2017	2U	ND
4/26/2018	2U	ND
10/16/2018	2U	ND
4/24/2019	2U	ND
10/24/2019	2U	ND

CH-6D/CH-6Dr

Date	TCE	Total VOCs
4/21/2016	2.18	2.18
10/26/2016	2U	ND
4/26/2017	3.28	3.28
10/18/2017	4.34	7.54
4/26/2018	8.59	12.89
10/16/2018	12.8	28.21
4/24/2019	11	23.5
10/24/2019	13.2	28.45

CH-5D

Date	TCE	Total VOCs
4/21/2009	2U	ND
10/20/2009	2U	ND
4/29/2010	2U	ND
10/27/2010	2U	ND
4/18/2011	2U	ND
10/13/2011	2U	ND
4/19/2012	2U	ND
10/17/2012	2U	ND

EW-120

Date	TCE	Total VOCs
4/19/2016	2U	ND
10/25/2016	5.88	5.88
4/24/2017	2U	ND
10/17/2017	3.02	3.02
4/27/2018	4.18	4.18
10/9/2018	7.48	7.48
4/23/2019	24.2	30.24
10/23/2019	22.8	29

EW-110

Date	TCE	Total VOCs
4/17/2009	8.52	11.98
10/19/2009	9.04	12.16
4/16/2010	2U	ND
10/21/2010	13	17.5
4/15/2011	9.42	14.1
10/6/2011	2.99	2.99
4/19/2012	2U	ND
10/17/2012	2.6	2.6

BL-8R

Date	TCE	Total VOCs
4/25/2016	2U	ND
10/31/2016	2U	ND
4/25/2017	2U	ND
10/24/2017	2U	ND
4/27/2018	2U	ND
10/9/2018	2U	ND
4/30/2019	2U	ND
10/31/2019	2U	ND

BL-25D

Date	TCE	Total VOCs
4/21/2016	2U	ND
10/26/2016	4.8	4.8
4/25/2017	2U	ND
10/18/2017	3.15	3.15
4/26/2018	9.14	11.23
10/10/2018	10.5	13.99
10/24/2018	8.1	10.12
4/25/2019	14.6	18.18
10/28/2019	13.5	18.03

EW-130

Date	TCE	Total VOCs
4/19/2016	33.3	42.13
10/25/2016	38.3	49.6
4/24/2017	26.5	30.87
10/17/2017	33	41.3
4/27/2018	28.4	33.48
10/9/2018	31.3	37.83
4/23/2019	16.3	20.8
10/23/2019	37	50.87

EW-140

Date	TCE	Total VOCs
4/19/2016	226	308.71
10/25/2016	206	293.61
4/24/2017	198	259.91
10/17/2017	198	266.1
4/27/2018	190	242.7
10/9/2018	179	238.6
4/23/2019	215	279
10/23/2019	186	246.9

BL-14D

Date	TCE	Total VOCs
4/26/2016	2U	ND
10/31/2016	2U	ND
4/27/2017	2U	ND
10/20/2017	2U	ND
4/26/2018	2U	ND
10/10/2018	2U	ND
4/29/2019	2U	ND
10/30/2019	2U	ND

EW-160

Date	TCE	Total VOCs
4/19/2016	131	148.66
10/25/2016	267	292.85
4/24/2017	87.7	92.66
10/17/2017	144	155.93
4/25/2018	80.5	94.39
10/17/2018	190	211.92
4/23/2019	107	117.36
10/23/2019	360	396.58

BL-17D

Date	TCE	Total VOCs
4/26/2016	2U	ND
10/31/2016	2U	ND
4/27/2017	2U	ND
10/23/2017	2U	ND
4/25/2018	2U	ND
10/17/2018	2U	ND
4/29/2019	2U	ND
10/28/2019	2U	ND

EW-150

Date	TCE	Total VOCs
4/19/2016	78.8	151.23
10/25/2016	64.8	122.37
4/24/2017	69.4	134.67
10/17/2017	67.1	128.68
4/25/2018	61.5	113.3
10/17/2018	66.7	128.05
4/23/2019	79	157.66
10/23/2019	75	156.65

BL-9D

Date	TCE	Total VOCs
4/22/2016	60.6	106.09
10/27/2016	49.4	92.69
4/26/2017	48.4	93.62
10/19/2017	49.8	102.34
4/27/2018	59.7	136.7
10/9/2018	55.8	111.71
4/29/2019	63.2	124.17
10/29/2019	57.3	116.3

LEGEND:

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- MONITORING WELL INSTALLED AT BASE OF OVERBURDEN/TOP OF ROCK
- ABANDONED MONITORING WELL
- STAINLESS STEEL WELL POINT
- CATCH BASIN
- MANHOLE
- 6"ø EXTRACTION WELL
- ABANDONED EXTRACTION WELL
- 1"ø NESTED PIEZOMETER
- APPROXIMATE ADJACENT TRACT BOUNDARY
- APPROXIMATE EXISTING LOT BOUNDARY
- APPROXIMATE EASEMENT BOUNDARY
- FENCE
- RG&E POWER POLE

ALL CONCENTRATIONS IN MICROGRAMS PER LITER (ug/L) EQUIVALENT TO PARTS PER BILLION (ppb)

ND = NOT DETECTED
U = NOT DETECTED BELOW GIVEN INSTRUMENT DETECTION LIMIT

NOTES:

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0 200' 400'
GRAPHIC SCALE

BAUSCH & LOMB INCORPORATED
FORMER FRAME CENTER
CHILI, NEW YORK
PERIODIC REVIEW REPORT

SEMI-ANNUAL GROUNDWATER ANALYTICAL RESULTS SUMMARY DEEP OVERBURDEN 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE
3

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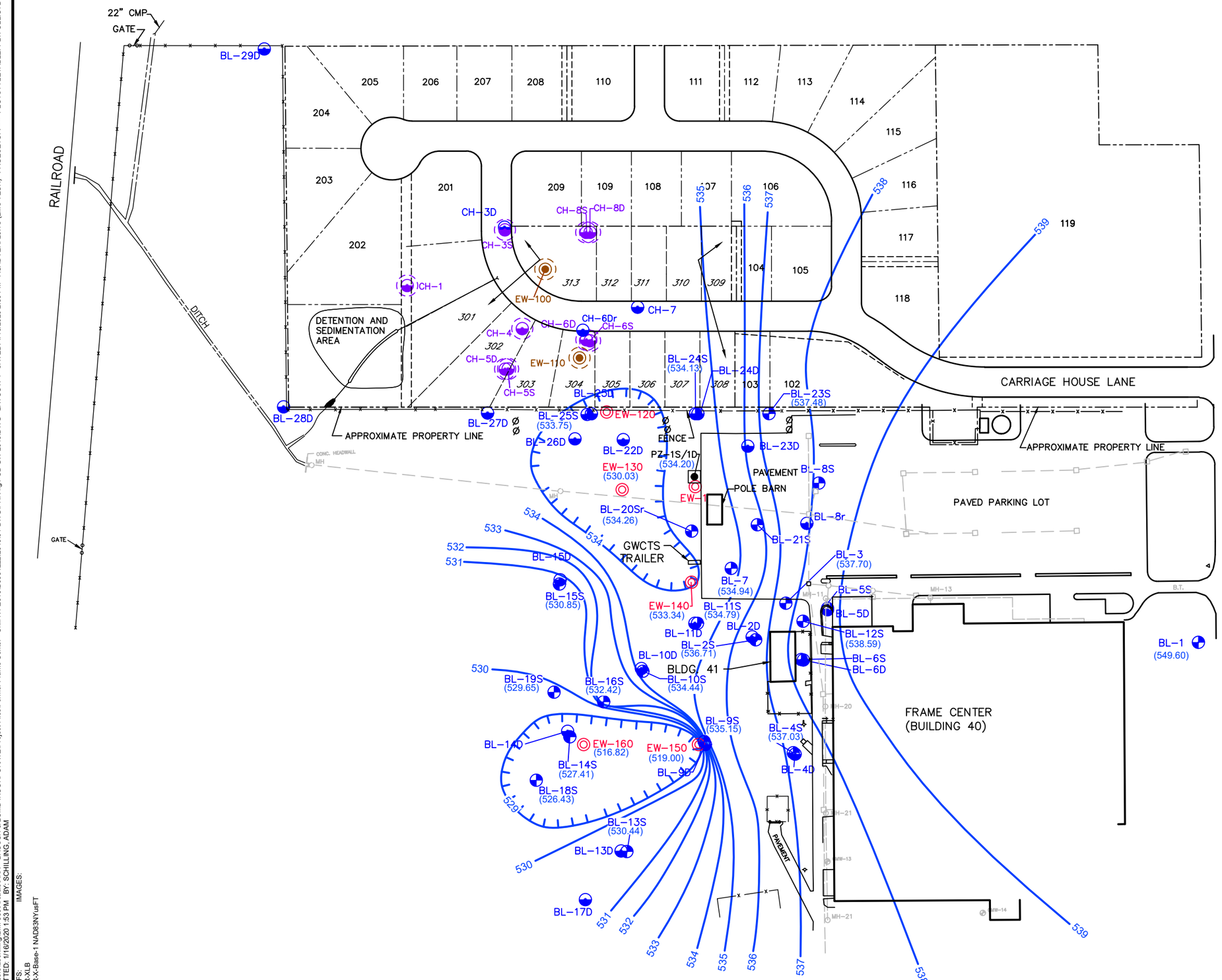

LEGEND:

- MONITORING WELL INSTALLED IN SHALLOW OVERBURDEN
- MONITORING WELL INSTALLED AT BASE OF OVERBURDEN/TOP OF ROCK
- ABANDONED MONITORING WELL
- STAINLESS STEEL WELL POINT
- CATCH BASIN
- MANHOLE
- 6"ø EXTRACTION WELL
- ABANDONED EXTRACTION WELL
- 1"ø NESTED PIEZOMETER
- APPROXIMATE ADJACENT TRACT BOUNDARY
- APPROXIMATE PROPOSED LOT BOUNDARY
- APPROXIMATE EXISTING LOT BOUNDARY
- APPROXIMATE EASEMENT BOUNDARY
- FENCE
- RG&E POWER POLE
- (537.70) GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (FT, AMSL)
- 537 DEEP OVERBURDEN POTENTIOMETRIC SURFACE (FT, AMSL)

NOTES:

1. SITE PLAN FOR THE ON-SITE AREAS COMPILED FROM EXISTING SITE PLANS PROVIDED BY BAUSCH & LOMB AND SITE SURVEYS TO LOCATE ALL MONITORING WELLS BY BB&L DATED 6/17/92, REVISED 4/13/94, 8/13/98, 10/28-29/98, AND 10/11/00.
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5. EW-120 WAS SHUT OFF AS PART OF THE EW-120 PILOT TEST ON MAY 27, 2015.

0 200' 400'

GRAPHIC SCALE

BAUSCH & LOMB INCORPORATED
FORMER FRAME CENTER
CHILI, NEW YORK
PERIODIC REVIEW REPORT

SHALLOW OVERBURDEN POTENTIOMETRIC SURFACE ELEVATION CONTOURS OCTOBER 21-23, 2019

ARCADIS Design & Consultancy for natural and built assets

FIGURE **4**

CITY: (MINNEAPOLIS, MN) SYRACUSE-NY DIV/GROUP: ENV/CAD DB: (R. OBERLANDER) K.SARTORI PIC:(Opt) PM: TM: L.MIKOCHIK LYR:(Opt)ON=*;OFF=*REF*
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XREFS:
PRR-XLB
PRR-X-Base-1 NAD83NYusFT
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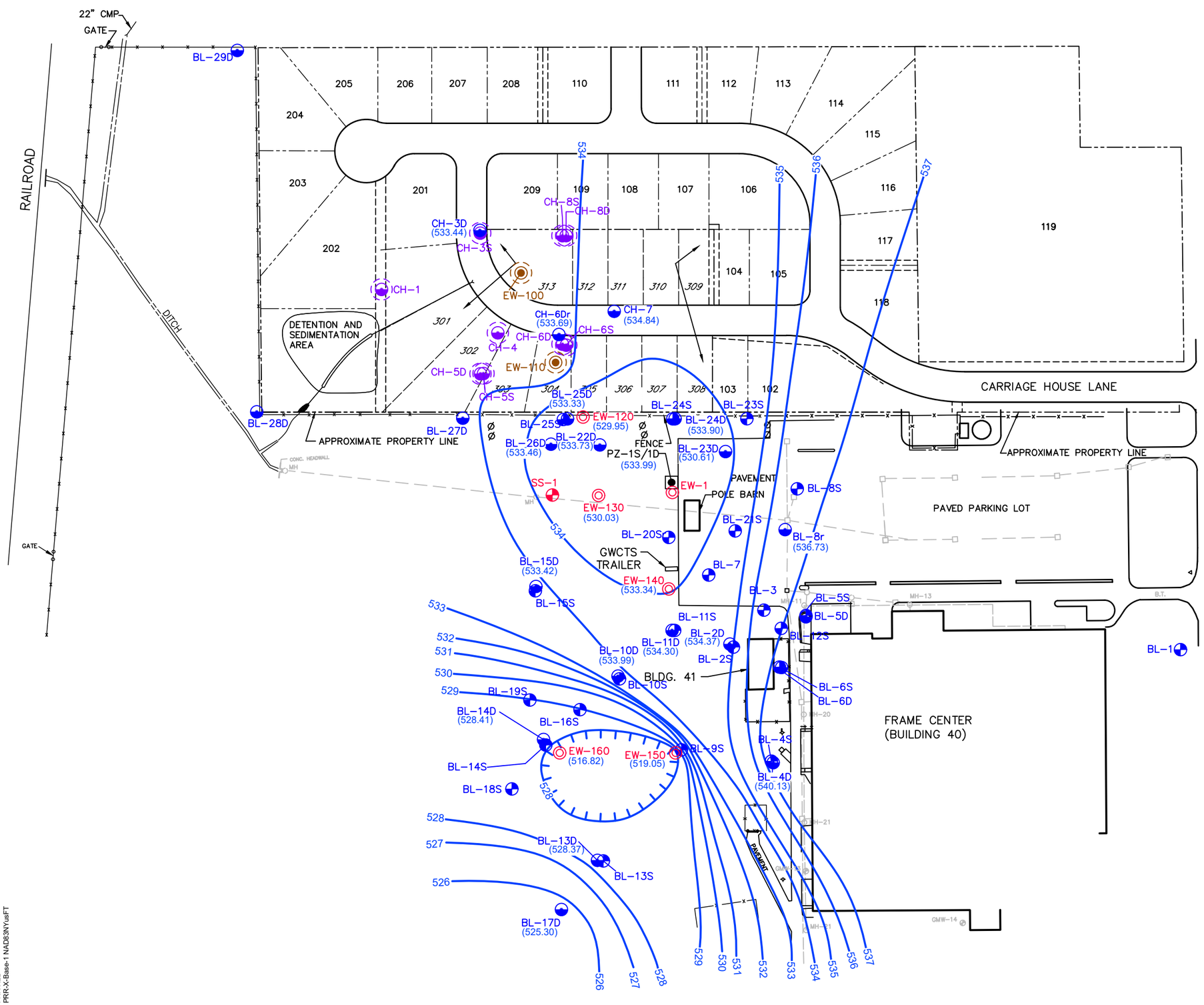

LEGEND:

- MONITORING WELL INSTALLED IN SHALLOW OVERBURDEN
- MONITORING WELL INSTALLED AT BASE OF OVERBURDEN/TOP OF ROCK
- ABANDONED MONITORING WELL
- STAINLESS STEEL WELL POINT
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- APPROXIMATE PROPOSED LOT BOUNDARY
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- APPROXIMATE EASEMENT BOUNDARY
- FENCE
- RG&E POWER POLE
- 536.34 GROUNDWATER ELEVATION IN FEET ABOVE MEAN SEA LEVEL (FT, AMSL)
- 533 DEEP OVERBURDEN POTENTIOMETRIC SURFACE (FT, AMSL)

NOTES:

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5. EW-120 WAS SHUT OFF AS PART OF THE EW-120 PILOT TEST ON MAY 27, 2015.

0 200' 400'

GRAPHIC SCALE

BAUSCH & LOMB INCORPORATED
FORMER FRAME CENTER
CHILI, NEW YORK
PERIODIC REVIEW REPORT

DEEP OVERBURDEN POTENTIOMETRIC SURFACE ELEVATION CONTOURS OCTOBER 21-23, 2019

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FIGURE 5

CITY: (MINNEAPOLIS, MN) SYRACUSE-NY DIV/GROUP: ENV/CAD DB: (R. OBERLANDER) K.SARTORI PIC:(Opt) PM: TM: L.MIKOCHIK LYR:(Opt)ON=*;OFF=*REF*
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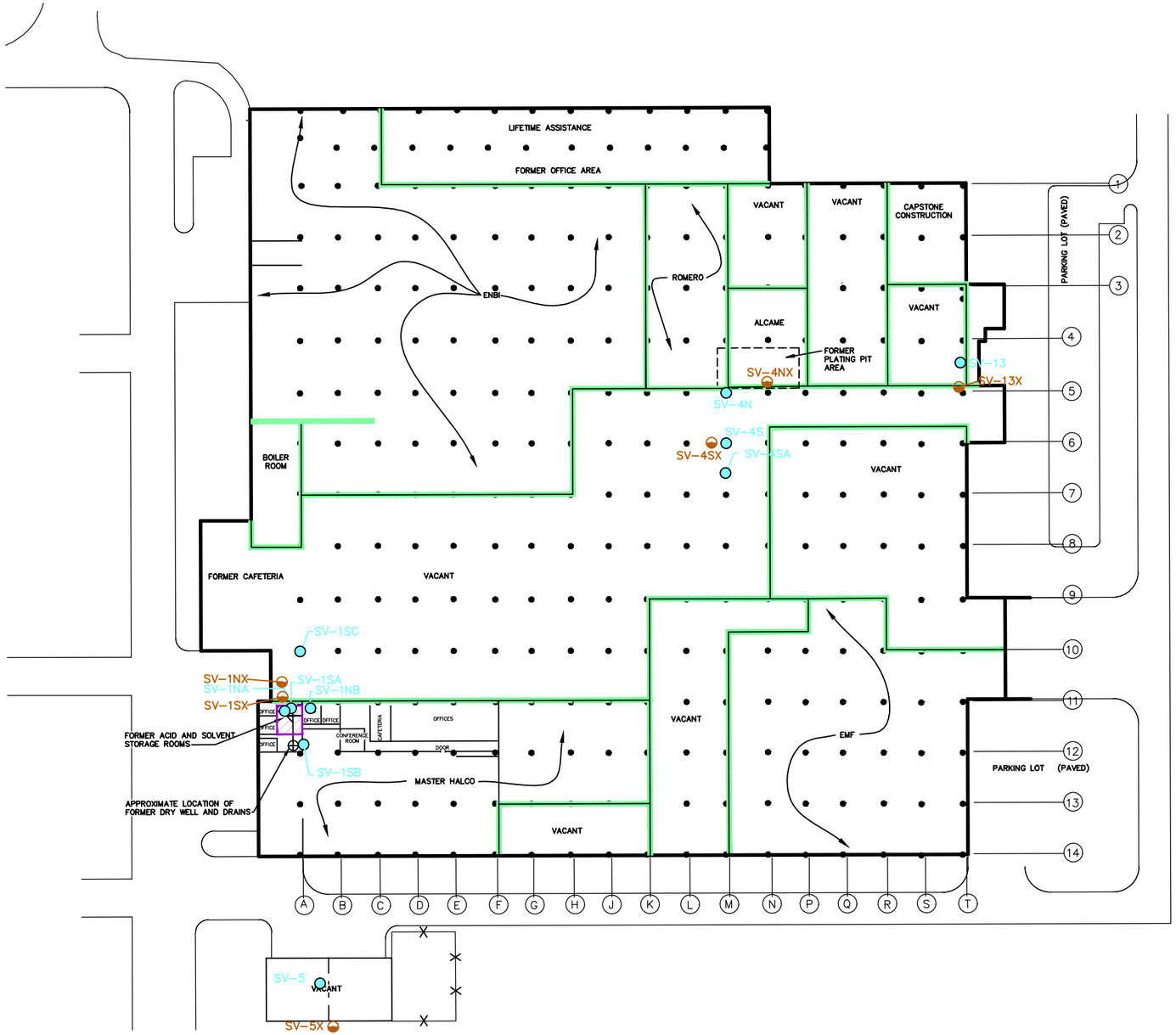
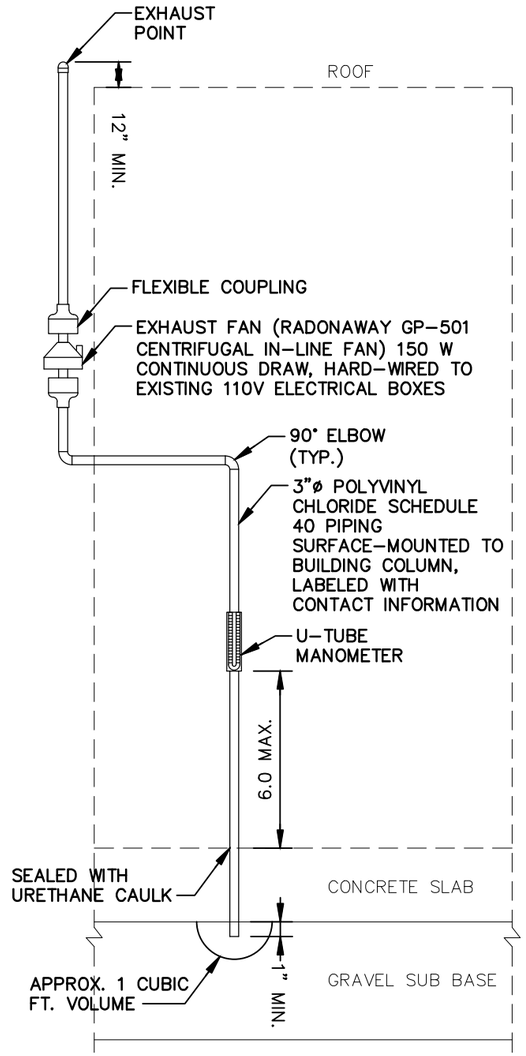
PRR-X-Base-1 NAD83NYusFT
IMAGES:





GENERAL SYSTEM PROFILE

NOT TO SCALE

NOTES:

1. ALL LOCATIONS APPROXIMATE.
2. BASE MAP PREPARED FROM FIGURE 3 OF THE REMEDIAL INVESTIGATION REPORT (REVISED OCTOBER 1993) PREPARED BY BLASLAND, BOUCK & LEE, INC. MODIFIED BY SITE OBSERVATIONS ON DECEMBER 13, 2005.

LEGEND:

- INTERIOR WALL
- LIMIT OF OCCUPANCY
- (10) BUILDING COLUMN AND IDENTIFIER
- SV-5 APPROXIMATE SYSTEM SUCTION LOCATION
- SV-5X APPROXIMATE SYSTEM EXHAUST LOCATION

0 100' 200'

GRAPHIC SCALE

BAUSCH & LOMB INCORPORATED
FORMER FRAME CENTER
CHILI, NEW YORK
PERIODIC REVIEW REPORT

SUB-SLAB DEPRESSURIZATION SYSTEMS DETAIL

ARCADIS Design & Consultancy for natural and built assets

FIGURE 6

APPENDIX 1

Treatment System and Groundwater Sampling Methods

APPENDIX 1. TREATMENT SYSTEM AND GROUNDWATER SAMPLING METHODS

This Appendix summarizes the treatment system and groundwater sampling methods used for the sampling program.

Groundwater Collection and Treatment System Sampling Methods

Bausch & Lomb indicated that they followed the procedures listed below to collect samples from the groundwater collection and treatment system.

1. Located effluent sample port and opened valve to create an even, but low flow of water.
2. Drew off approximately 0.5 gallons water into a plastic bucket and returned to equalization tank.
3. Donned polypropylene gloves.
4. Carefully filled sample containers and capped without touching the inside of either cap or container. The 40-milliliter vials had no air bubbles after capping.
5. Secured port valve in closed position.
6. Preserved and stored samples according to Table 2 of the *Field Sampling Plan* (FSP).
7. Recorded date and time of sampling on container labels and chain-of-custody.
8. Removed and disposed of polypropylene gloves.
9. Repeated steps 1 through 7 for influent sample port.
10. Placed samples on ice in a cooler and delivered to laboratory within 24 hours.

Groundwater Sampling Methods

I. Introduction

This protocol describes the procedures reportedly used by Paradigm and Bausch & Lomb to collect groundwater samples.

II. Materials

The following materials, as required, were available during groundwater sampling:

1. Appropriate health and safety equipment, as specified in the Health and Safety Plan, including a photo-ionization detector (PID) if required by the Health and Safety Plan (HASP).
2. Plastic sheeting (for each sampling location).
3. Dedicated disposable bailers.
4. Polypropylene rope.
5. Peristaltic pump and power source.
6. Dedicated tubing for peristaltic pump.

7. Buckets to measure purge water.
8. Water-level well probe.
9. 6-foot rule with gradation in hundredths of a foot.
10. Conductivity/temperature meter.
11. pH meter.
12. Oxidation-reduction potential (ORP) meter.
13. Down-hole dissolved oxygen (DO) meter, if possible.
14. Appropriate water sample containers.
15. Appropriate blanks (trip blank supplied by the laboratory).
16. Appropriate transport containers (coolers) with ice and appropriate labeling, packing and shipping materials.
17. Groundwater sampling logs.
18. Chain-of-custody forms.
19. Indelible ink pens.
20. Site map with well locations and groundwater contour maps.
21. Keys to wells.

III. Procedures

The procedures used to sample monitoring wells were as follows:

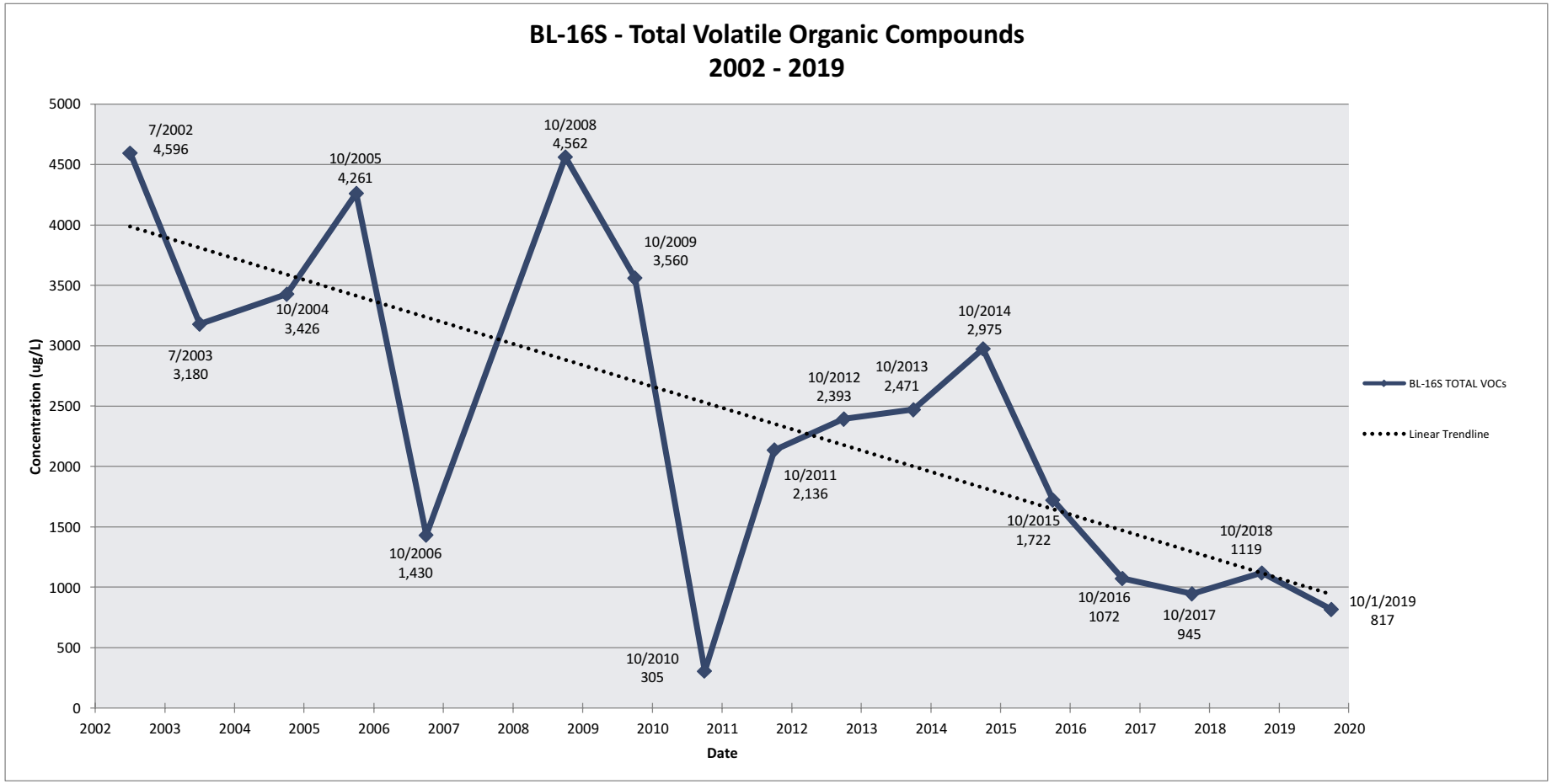
1. Review materials checklist (Section II above) to acquire the appropriate equipment.
2. Identify site and well sampled on sampling log sheets (see FSP Attachment 4, Exhibit 1), along with date, arrival time and weather conditions. Identify the personnel and equipment used, and other pertinent data requested on the logs.
3. Label all sample containers with indelible ink.
4. Use safety equipment, as required in the HASP.
5. Place plastic sheeting adjacent to well to use as a clean work area.
6. Remove lock from well and, if rusted or broken, replace with a new keyed-alike lock.
7. Unlock and open the well cover while standing upwind of the well. Remove well cap and place on the plastic sheeting.
8. Set out on plastic sheeting the dedicated sampling device (stored in the well above the water surface if used more than once) and meters.
9. Obtain a water-level depth and bottom of well depth using an electric well probe and record on the sampling log sheet using indelible ink. Clean the well probe after each use with a soapy

(Alconox) water wash and a distilled water rinse. [Note: Water levels may be measured at all wells prior to initiating any sampling activities.

10. Calculate the number of gallons of water in the well using the length of water column (in feet). Record the well volume on the groundwater sampling field log using indelible ink.
11. Remove the required purge volume of water from the well using either a bailer or the peristaltic pump and dedicated tubing. If the purging is completed using the peristaltic pump, the pump intake must be maintained just below the water surface in the well casing so that the standing water in the casing is replaced by water entering the well through the well screen. Measure purge water volume in measuring buckets. The required purge volume will be three to five well volumes unless the well runs dry, in which case the water that comes into the well will be sampled (*RCRA Ground-Water Monitoring Technical Enforcement Guidance Document*, USEPA, 1986).
12. After the appropriate purge volume of groundwater in the well has been removed, or if the well has been bailed dry and allowed to recover, obtain the groundwater sample needed for analysis with the disposable bailer and pour the groundwater directly from the sampling device in the appropriate container in order of volatilization sensitivity of the parameters sampled and tightly screw on the caps.
13. Place the custody seal around the cap and the sample container. Note the time on the sample label. Secure with packing material and maintain at approximately 4 degrees Celsius on wet ice during storage in an insulated transport container provided by the laboratory.
14. After all sampling containers have been filled, remove one additional volume of groundwater. Check the calibration of the pH, ORP, DO, conductivity and turbidity meters, then measure and record on the field log the physical appearance, pH, temperature, conductivity, ORP and DO. If possible, a down-hole meter should be used to measure DO by lowering the DO sensor to the midpoint of the screened interval and allowing the readings to stabilize before recording the measurement. Obtain and record a duplicate measurement every 20 samples. Record measurements using indelible ink.
15. Replace the well cap and lock the well.
16. Record the time sampling procedures were completed on the field logs using an indelible ink pen.
17. Place all disposable sampling materials (plastic sheeting and health and safety equipment) in appropriate containers. Go to the next well and repeat Steps 1 through Step 16 until all wells are sampled.
18. Complete the procedures for packing, shipping and handling with associated chain-of-custody.

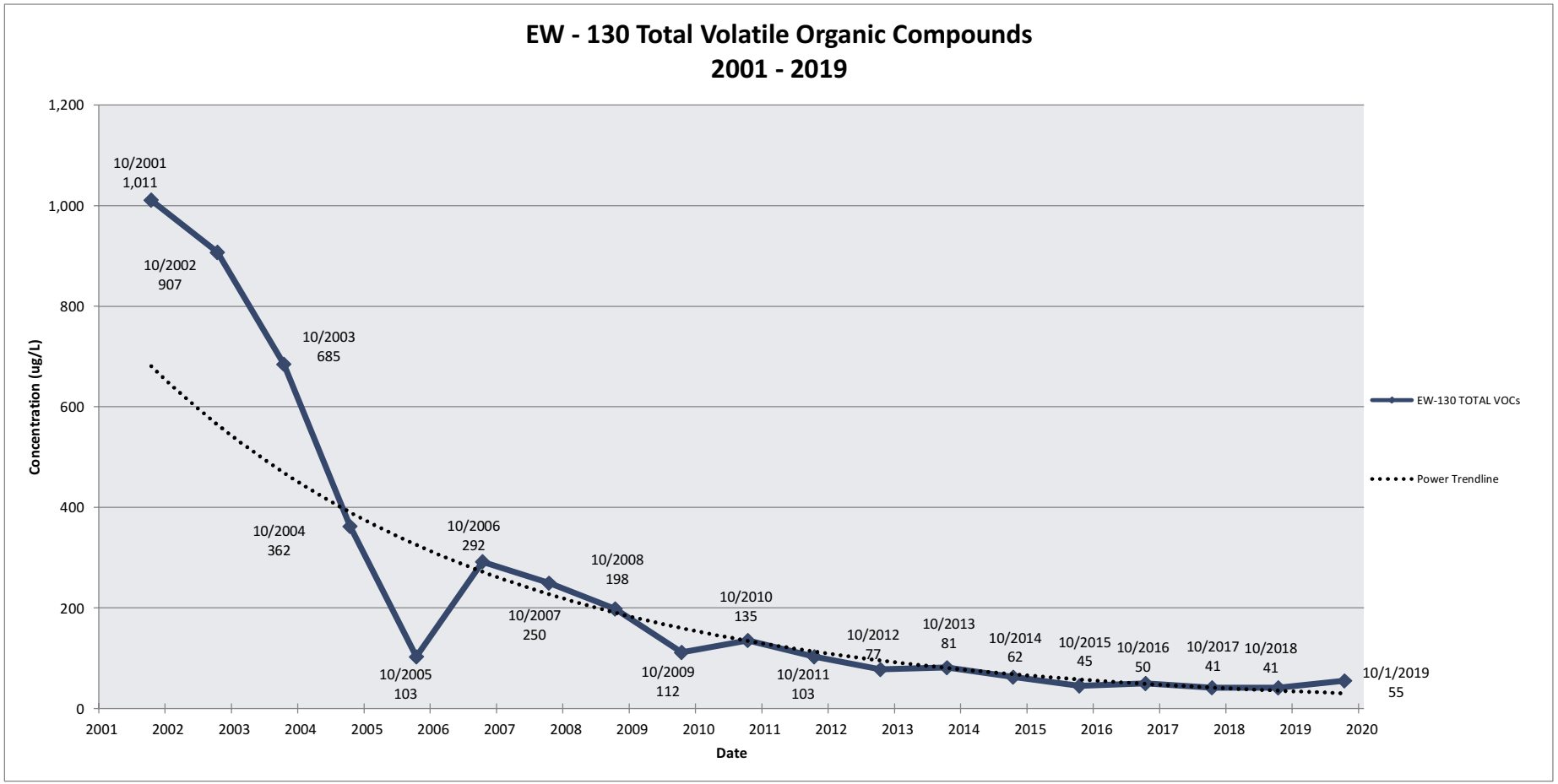
APPENDIX 2

Total VOC Cleanup Graphs for BL-16S, EW-130, and EW-140



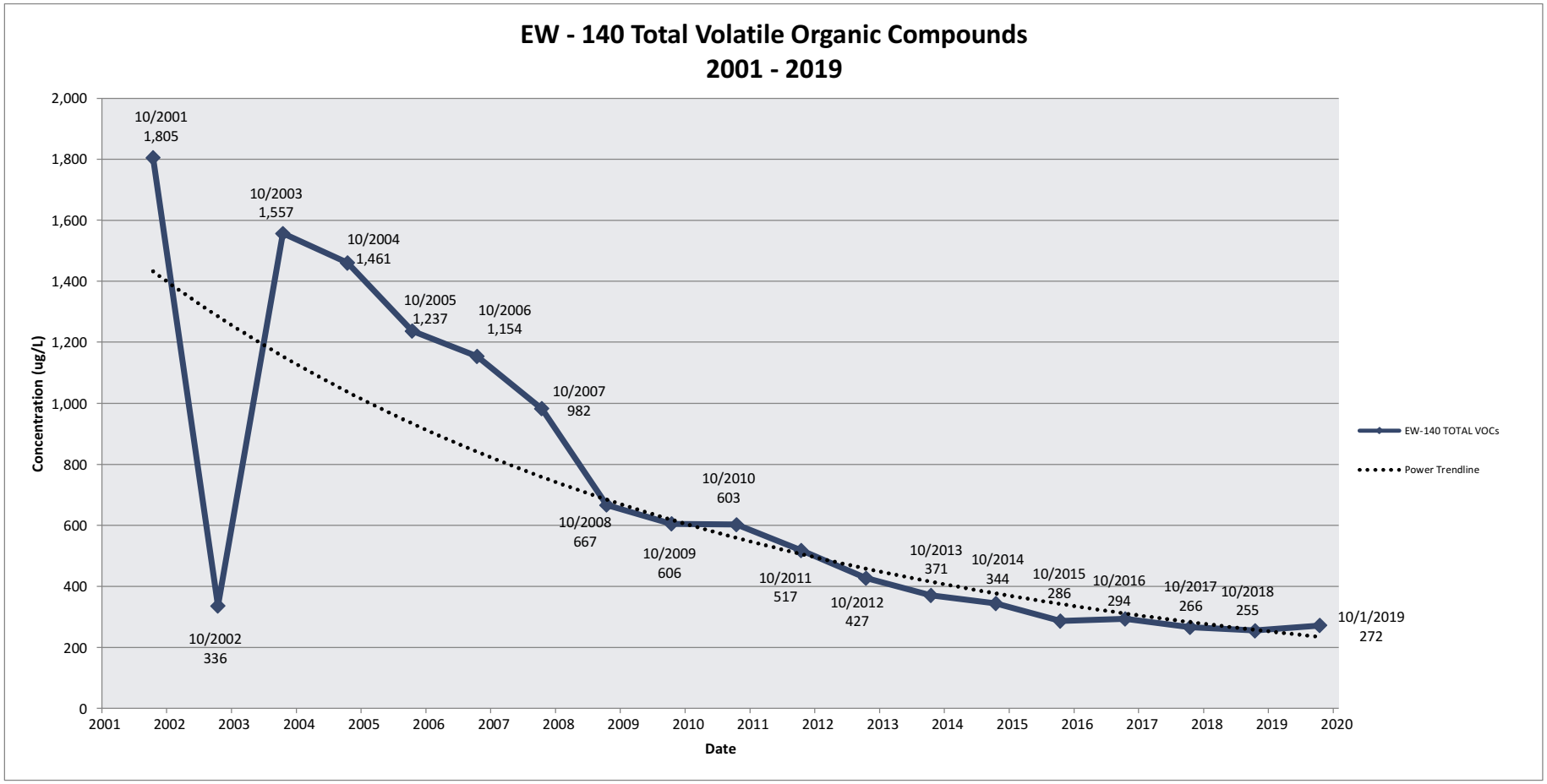
Notes:

1. The results depicted on the graph are for the last sampling event of each year.
2. Results are not shown for 2001 and 2007, the well was dry and therefore not sampled.



Note:

1. The results depicted on the graph are for the last sampling event of each year.



Note:

1. The results depicted on the graph are for the last sampling event of each year.

APPENDIX 3

Groundwater Collection and Treatment System Performance

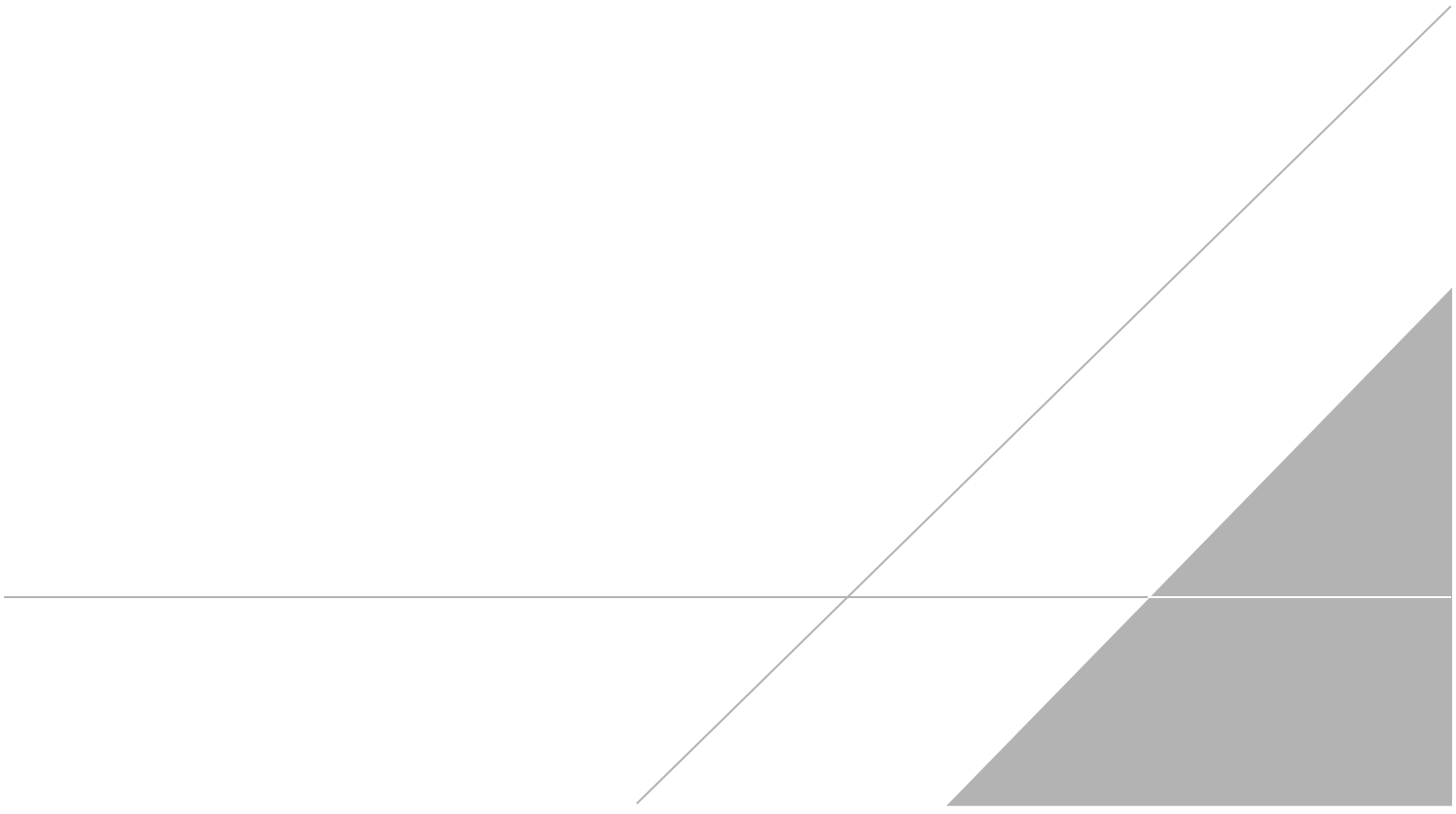
APPENDIX 3. GROUNDWATER COLLECTION TREATMENT SYSTEM PERFORMANCE

This Appendix and associated Tables 3 and 4 cover the items required by the SMP. These required items are:

- No major maintenance problems were encountered at the site during 2019.
- Summary table of the combined totalized flow for the treatment system effluent:
  - See Table 4.
- List of prolonged extraction well and treatment system downtime, reasons for the downtime and corrective measures completed:
  - On June 16, 2019, the system was temporary shutdown due to a power outage. A leaking roof in the main plant blew out buss bars that supply power to the groundwater treatment system. Power was restored by June 18, 2019.
  - On August 10, 2019, the system was temporary shutdown due to a power outage. Power was restored by 1:30 PM on August 12, 2019. During this time the pump motor at EW-160 was replaced.
  - On November 27, 2019, the system was temporary shutdown due to a power outage. The entire site was without power but, power was restored on November 28, 2019.
  - On December 9, 2019, the system was temporary shutdown due to a power outage. A leaking roof in the main plant blew out buss bars that supply power to the groundwater treatment system.
- Discussion of the discharge-limit exceedances, if any, and corrective measures completed:
  - No quarterly effluent samples collected in 2019 contained concentrations greater than the permitted discharge limit for the system. See Table 3.

APPENDIX 4

Groundwater Collection and Treatment System Monitoring and Maintenance Reports



Form 1

Monthly Monitoring Log for Jan **2019**

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)								Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
				EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump					
1/2/19	8:27			5.1	1.2	2.7	7.0	15.0	8.2	9241430	11	N	Y	FC/BTL
1/3/19	2:50			5.1	2.1	2.9	7.5	15.0	5.6	9241492	11	N	Y	FC/BTL
1/8/19	12:40			5.2	1.3	2.6	4.9	15.0	7.7	9246456	10	N	Y	FC/BTL
1/11/19	1:20			5.1	1.2	2.6	4.7	15.0	7.5	9250657	10	N	Y	FC/BTL
1/14/19	1:51			—	1.2	2.6	2.2	15.0	7.5	9253150	11	N	Y	FC/BTL
1/15/19	10:46			5.1	1.2	2.7	2.7	15.0	7.2	9254045	10	N	Y	FC/BTL
1/16/19	1:00			—	1.3	2.7	2.7	14.9	7.2	9255294	10	N	Y	FC/BTL
1/19/19	11:20			5.1	1.2	2.6	2.6	15.0	7.1	9257232	10	N	Y	FC/BTL
1/22/19	11:40			—	1.2	2.6	2.5	15.0	6.6	9261174	10	N	Y	FC/BTL
1/25/19	1:00			5.2	1.5	2.7	5.2	15.0	9.6	9264354	10	Y	Y	FC/BTL
1/28/19	2:03			—	1.4	2.7	4.8	15.0	9.6	9267745	10	N	Y	FC/BTL
1/29/19	9:41			—	1.3	2.6	4.7	15.0	8.2	9268670	7	N	Y	FC/BTL
1/31/19	11:30			5.2	1.2	2.6	4.7	15.0	7.6	9270080	6	N	Y	FC/BTL

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring
1/16/19	12:35	Yes Sampled influent & effluent from GWTS	FC/BTL

Weekly Discharge pH Monitoring

1/2/19	9:27	pH 8.2 Taken from the discharge	FC/BTL
1/3/19	1:35	pH 8.0 Taken from the discharge	FC/BTL
1/16/19	1:50	pH 8.0 Taken from the discharge	FC/BTL
1/23/19	12:41	pH 8.0 Taken from the discharge	FC/BTL

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Tray change 1/3

Note: System check

Form 2

Monthly Maintenance Log for Jan **2019**

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
1/2-3/19	—	—	—	System shutdown, descale air stripper sump. Install cleaned water set of trays & restart. 1/2 SPDES sampled and pH recorded.		FC/BHL
1/8/19	NA	NA	NA	System check okay. EW120 remove mouse nest - re bait decon. Re-set system flow begin PRP work.		FC/BHL
1/14/19	NA	NA	NA	Begin house cleaning. Install new SPDES sample port. Receive new A.S. trays, uncrate and store in Bldg 40.		FC/BHL
1/16/19	NA	NA	NA	Sample Influent, Effluent for SPDES quarterly and weekly pH measure & record data.		
1/23/19	NA	NA	NA	System check, seal cold air leak on drain, sample SPDES test pH record data.		FC/BHL
1/24/19	8:00	12:00	1:10	Alarm for high EQ, system cycling well pumps but continued running, change bag filter & reset flow to 9 gpm.		FC/BHL
1/25/19	NA	NA	NA	Flow rate ok match to inflow. Research replacement for Precision Digital meter. Field read EW120.		FC/BHL
1/28/19	NA	NA	NA	Pull EW120 PD meter from panel get it set to pack & ship for repair. Check w/ Ron on hardware for new trays. System check okay.		FC/BHL
1/29/19	NA	NA	NA	Prepare PD meter for shipment to Radwell for repair. Heat trace & insulated discharge line, temp dropping to -1 over next 2 days.		FC/BHL
1/31/19	NA	NA	NA	PD meter shipped to Radwell for Repair.		FC/BHL

Form 1

Monthly Monitoring Log for Feb 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)								Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
				EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump					
2/5/19	12:00	—	—	5.0	2.0	2.7	9.2	14.6	9.2	92702287	10	N	Y	FC/BTL
2/8/19	1:16	—	—	—	1.9	2.6	8.0	14.7	9.7	92801771	12	N	Y	FC/BTL
2/12/19	12:16	—	—	—	3.2	3.3	8.1	15.0	9.7	92936477	12	N	Y	FC/BTL
2/14/19	12:43	—	—	5.2	1.1	2.8	7.8	14.8	9.1	92 960319	13	N	Y	FC/BTL
2/21/19	12:18	—	—	—	1.0	2.5	7.5	15.0	8.7	92942075	14	N	Y	FC/BTL
2/25/19	9:34	—	—	—	1.5	2.7	7.0	15.0	8.2/10.1	92985313	19/10	Y	Y	FC/BTL

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring

Weekly Discharge pH Monitoring

2/5/19	11:52	pH 8.0 Taken from the Discharge	FC/BTL
2/14/19	12:32	pH 8.1 Taken from the Discharge	FC/BTL
2/21/19	12:13	pH 8.0 Taken from the Discharge	FC/BTL
2/25/19	9:40	pH 7.9 Taken from the Discharge	FC/BTL

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Note: System check

Traychange 2/12

Form 2

Monthly Maintenance Log for Feb **2019**

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
2/5/19	2/4/19	2/5 1030	1:30	High EQ alarm, system	continued to run	
				okay. Cycling well pumps.	Responded and reset	
				Flow to 9 gpm, warm temps	→ snow melt	
				causing high flow. Sample	SPDES test pH & record data.	FC/BH
2/6/19	NA	NA	NA	System check okay. Complete	vapor system	
				inspection & record	data.	FC/BH
2/8/19	NA	NA	NA	Complete coating &	assembly of new	
				A.S. trays. Repair broken	downcomer. System check	FC/BH
2/11/19	NA	NA	NA	System shutdown, Tear	down A.S. unit.	
2/12/19				Descale sump & other	sections. Reinstall new	
				trays & restart. Riley	Heat on continuously,	
				purchase new thermostat	at Grainger, install.	FC/BH
2/14/19	NA	NA	NA	Move old trays, Sample	SPDES record	
				data. System check	okay. Heater test okay.	FC/BH
2/21/19	NA	NA	NA	System check okay.	Sample SPDES test	
				pH & record data.		FC/BH
2/25/19	NA	NA	NA	System check — bag	filter pressure at	
				19 psi — change bag	filter — restart.	
				Sample SPDES test pH	& record data.	
				check vent & air	leaks. High winds.	FC/BH

Form 1

Monthly Monitoring Log for March 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)								Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
				EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump					
3/4/19	11:51	—	—	—	1.0	2.4	6.7	14.7	10.2	93 069296	10	N	Y	FC/BTL
3/5/19	1:20	—	—	5.2	1.2	2.5	6.8	15.0	10.4	93081114	11	N	Y	FC/BTL
3/6/19	12:16	—	—	5.1	1.6	3.0	7.4	15.00	10.1	93090792	11	N	Y	FC/BTL
3/9/19	1:09	—	—	5.2	1.60	2.4	6.7	15.0	10.4	93113928	10	N	Y	FC/BTL
3/14/19	12:40	—	—	5.2	1.3	2.9	8.0	15.0	14.6	93169983	21	N	Y	FC/BTL
3/15/19	12:46	—	—	5.3	1.4	2.7	7.8	14.8	14.7	93182391	21	N	Y	FC/BTL
3/18/19	2:06	—	—	5.3	3.0	3.1	8.1	15.0	14.7	93215735	21	N	Y	FC/BTL
3/20/19	8:30	—	—	5.2	1.1	2.7	7.7	13.6	12.5	93236398	16	N	Y	FC/BTL
3/22/19	12:06	—	—	5.3	1.1	2.7	7.5	14.3	12.1	93260788	14	N	Y	FC/BTL
3/25/19	12:20	—	—	5.4	2.8	2.9	7.3	15.0	12.4	93304732	15	N	Y	FC/BTL
3/29/19	10:45	—	—	5.4	1.2	2.6	7.3	10.00	12.2	93327806	14	Y	Y	FC/BTL

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring

Weekly Discharge pH Monitoring

3/4/19	12:00	pH 7.9	Taken	[illegible]	[illegible]	[illegible]	[illegible]	FC/BTL
3/4/19	12:35	pH 8.0	Taken	[illegible]	[illegible]	[illegible]	[illegible]	FC/BTL
3/22/19	12:10	pH 8.1	Taken	[illegible]	[illegible]	[illegible]	[illegible]	FC/BTL
3/22/19	10:30	pH 8.0	Taken	[illegible]	[illegible]	[illegible]	[illegible]	FC/BTL

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Note: System check

Tray change 3/27
518

Form 2

Monthly Maintenance Log for *March* **2019**

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
3/4/19	NA	NA	NA	Sample SPDES test	pH and record data.	
				Received repaired P	D pH meter, install	
				Scheduled this week.		FC/BHL
3/5/19	NA	NA	NA	Install repaired Flowmeter	in cabinet.	FC/BHL
3/6/19	NA	NA	NA	Contact Precision Digital	, troubleshoot	
				PD690 for EW120. Re	wire & test -	
				okay. Assemble down	comers for new set of trays.	FC/BHL
3/8/19	NA	NA	NA	Vapor system Inspection	and record	
				data. System check	okay.	FC/BHL
3/11/19	1:07/2:17	2:53	NA	1:13 power outage on	3/10/19, but power	
				resumed and system ran.	Then high EQ &	
				Low A.S. pressure shut	system down on 3/11.	
				Restarted and reset	flow to 14 GPM -	
				high influent rate from	[illegible] well. Change filter.	FC/BHL
3/14/19	NA	NA	NA	Purchase PVC fittings	s, fabricate new	
				PVC sections of discharge	line.	
3/15/19	NA	NA	NA	Purchase 7' of 2"	PVC flex hose, and	
				2" PVC Bulkhead	fitting for new discharge	line. FC/BHL
3/18/19	NA	NA	NA	Cut out old 2" discharge	line to 4" and	
				replace with new.		FC/BHL
3/26/19	NA	NA	NA	Take down air	stripper, Replace	
				bulkhead & discharge	plumbing. Begin	
				descale of sump com	ponents.	FC/BHL
3/27/19	NA	NA	NA	Complete descale, install	trays with cleaned gaskets	
				and siliconed seal pots.	Restart system okay.	
				Sample SPDES test	pH and record data.	FC/BHL
3/29/19	NA	NA	NA	Drill out 4" cap	adapter & install.	
				Change Bag filter.	Try to create new 6"	
				air discharge flex hose.	Rake plastic debris.	FC/BHL

Form 1

Monthly Monitoring Log for April **2019**

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)		EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump	Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
4/8/19	12:33	—	—	5.5	.9	2.4	7.2	13.6	12.4	93441507	15	N	Y	FC/B+L
4/9/19	1:14	—	—	5	1.0	2.7	7.3	13.5	10.2	93452390	12	N	Y	FC/B+L
4/16/19	12:10	—	—	6.1	14.9	2.6	7.2	14.5	9.6	93463821	11	N	Y	FC/B+L
4/15/19	1:23	—	—	6.2	14.9	2.7	7.3	13.6	8.5	93521289	16	N	Y	FC/B+L
4/16/19	12:41	—	—	6.1	14.9	2.7	7.0	14.6	8.1	93532418	18	N	Y	FC/B+L
4/17/19	11:55	—	—	5.8	14.9	4.3	7.1	12.6	9.8	93542516	7.0	Y	Y	FC/B+L
4/18/19	10:30	—	—	6.1	14.9	4.5	12.5	13.1	10.0	93566962	11	N	Y	FC/B+L
4/22/19	9:44	—	—	5.9	14.9	4.5	14.9	13.9	8.8	93601170	10	Y	Y	FC/B+L
4/24/19	12:20	—	—	6.2	14.9	4.4	13.9	14.4	11.8	93618306	14	Y	Y	FC/B+L
4/29/19	4:00	—	—	6.3	14.9	4.4	13.2	13.5	10.5	93709152	13	N	Y	FC/B+L

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring
4/29/19	3:5	Yes, sample collected effluent per discharge permit.	FC/B+L

Weekly Discharge pH Monitoring

4/8/19	12:16	pH 7.9	Taken	from	the	discharge		FC/B+L
4/16/19	1:10	pH 8.0	Taken	from	the	discharge		FC/B+L
4/15/19	12:15	pH 7.8	Taken	from	the	discharge		FC/B+L
4/19/19	3:41	pH 7.8	Taken	from	the	discharge		FC/B+L

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Note: System check

Form 2

Monthly Maintenance Log for April 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
4/9/19	NA	NA	NA	Visit Omni in Victor for new 7" air		
				stripper exhaust. Purchase & install new duct-ok		FC/B+L
4/10/19	NA	NA	NA	Pull well EW130 pump & level controls.		
				Test & clean level controls. Test & clean		
				flowmeter. Replace well pump with new unit,		
				reinstall all equipment in well & test okay.		
				Take (2) 5 GPM well pumps offsite for teardown.		FC/B+L
4/16/19	NA	NA	NA	Pull well pump EW160. Service level control		
				and flowmeter, test. Replace pump with rebuilt spare.		FC/B+L
4/17/19	NA	NA	NA	Pump check at EW120 → Okay high flow.		
				Open cabinet & clean mouse nests. High EQ,		
				high solids from pump work. Change bag filter -		
				restart okay. Reset flow to 9.6 gpm.		FC/B+L
4/19/18	NA	NA	NA	Reset flow to 12.7 at EW150. Sample		
				SPDES test pH & record data.		
				Vapor system inspection.		
4/22/19	NA	NA	NA	High EQ over easter - cycled well pumps		
				till monday morning. Well elevations started.		FC/B+L
4/24/19	NA	NA	NA	Sample offsite wells, complete		
				elevation round. Clean-up, wash totes.		FC/B+L
4/25/19	NA	NA	NA	Large leak in bag filter housing. Shutdown		
				sys. pull bag, clean gasket, replace		
				filter & restart okay. Sample SPDES test		
				pH record data. Sample wells western line.		FC/B+L
4/29/19	NA	NA	NA	Sample source area wells for semi annual.		
				Sample SPDES test pH, Sample discharge influent		FC/B+L
4/30/19	NA	NA	NA	Complete semi-annual sampling - samples to Paradigm.		FC/B+L

Form 1

Monthly Monitoring Log for May **2019**

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)		EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump	Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
5/1/19	9:45	—	—	5.9	14.0	4.4	14.5	15.0	12.6	93737708	18	Y	Y	FC/B+L
5/6/19	10:55	—	—	6.6	off	4.5	12.8	13.2	11.9	93809973	20	N	Y	FC/B+L
5/8/19	8:56	—	—	6.6	14.9	4.5	12.9	13.1	9.8	93837465	27	N	Y	FC/B+L
5/9/19	11:20	—	—	6.7	14.9	4.8	14.9	15.0	13.0	93837495	14	Y	Y	FC/B+L
5/15/19	9:16	—	—	7.0	14.9	4.3	13.0	13.7	12.4	93894608	17	N	Y	FC/B+L
5/05/19	1:24	—	—	7.3	off	4.4	12.6	13.4	11.4	93926631	20	N	Y	FC/B+L
5/12/19	12:33	—	—	7.4	14.2*	4.6	12.7	14.3	14.1	93954542	18	N	Y	FC/B+L
5/20/19	3:30	—	—	7.6	14.2	4.5	12.3	12.5	13.5	93997095	20	N	Y	FC/B+L
5/23/19	1:12	—	—	7.0	14.9	4.5	12.3	12.8	12.7	94,034,681	17	Y	Y	FC/B+L
5/30/19	1:22	—	—	7.5	14.9	4.6	11.8	15.0	11.2	94,120560	17	N	Y	FC/B+L
5/31/19	10:00	—	—	7.3	off	4.4	11.4	13.5	11.3	94,131078	18	N	Y	FC/B+L

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring

Weekly Discharge pH Monitoring

5/8/19	9:10	pH 8.0 taken from the discharge	FC/B+L
5/13/19	9:20	pH 8.0 taken from the discharge.	FC/B+L
5/21/19	12:18	pH 7.9 taken from the discharge	FC/B+L
5/28/19	1:30	pH 8.0 taken from the discharge	FC/B+L

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Tray change 5/9 - next 6/23

Note: System check

Form 2

Monthly Maintenance Log for May 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
5/1/19	NA	NA	NA	System shutdown for EQ tank cleaning.		
				Cut site w/ cub	Dewater sludge	FC/B+L
5/8/19	NA	NA	NA	Cart replacement trays. Take apart		
				carb strainer - bring trays to Bldg 40.		
				Sample SPDES test pts	record data	FC/B+L
5/9/19	NA	NA	NA	Descale carb strainer	sump; sides;	
				top. Fireball trays.	change Bag Filter	
				& restart sys.		FC/B+L
5/15/19	NA	NA	NA	Cut site - System	check	
5/16/19	12:54	3:30	NA	High High EQ tank, high bag		
				pressure, stop	effluent flow.	
				change filter - restart	- reset flow.	FC/B+L
5/17/19	NA	NA	NA	System caught up to flow w/ restart.		
				Pump back EW120	on manual 16.2 - okay.	FC/B+L
5/20/19	NA	NA	NA	Cut site with cub		FC/B+L
5/21/19	NA	NA	NA	Cut & remove level	control probes set	
				EW120. No response,	pump still runs	
				all the time. Schedule circuit board replacement		
				move pump running. Replace lightbar in Gator w/		
				LED. Pick up cart	for cubcut HD Henriette.	FC/B+L
				Sample SPDES test	pH & record data	FC/B+L
5/22/19	NA	NA	NA	Assemble cart for Cub.		FC/B+L
5/23/19	NA	NA	NA	System check, change	bag filter service	
				filter gasket - restart, Re-set flow rate.		FC/B+L
5/29/19	NA	NA	NA	Shutdown EW120;	EW130 power. Begin	
				re-wiring electrical connections for new warnick.		FC/B+L
5/30/19	NA	NA	NA	Replaced warnick Board in EW120.		
				Test level control. Board is switching but on is		
				off once vent. check w/ RL Stone. Sample		
				discharge test pH & record data.		FC/B+L
5/31/19	NA	NA	NA	Reset Dip Switches on warnick retest		
				Okay. Reestablish EW120 OK. Exit site.		FC/B+L

Form 1

Monthly Monitoring Log for June 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)							Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
				EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump					
6/4/19	12:16	—	—	7.7	14.9	4.4	11.4	14.9	11.3	94180904	19	N	Y	FC/BTL
6/5/19	1:30	—	—	7.6	14.9	4.4	11.4	14.4	11.0	94193498	20	N	Y	FC/BTL
6/6/19	12:41	—	—	7.9	14.9	4.5	11.6	off	10.8	94205124	22	N	Y	FC/BTL
6/10/19	9:04	—	—	7.8	14.9	4.7	14.0	15.0	12.5	94247133	14	Y	Y	FC/BTL
6/13/19	8:30	—	—	8.1	14.9	4.4	12.0	14.6	13.0	94273608	14	N	Y	FC/BTL
6/18/19	12:37	—	—	8.4	14.8	4.6	14.1	15.0	12.4	94308671	19	N	Y	FC/BTL
6/20/19	12:18	—	—	8.5	off	4.6	12.3	15.0	12.7	94333086	23/14	Y	Y	FC/BTL
6/24/19	2:48	—	—	8.7	14.8	4.2	11.7	14.0	11.8	94374296	17	N	Y	FC/BTL
6/27/19	1:00	—	—	8.8	off	4.3	12.3	14.4	10.8	94409176	20	N	Y	FC/BTL
6/28/19	10:40	—	—	8.9	14.9	4.5	12.5	15.0	9.9	94433025	24/14	Y		

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring

Weekly Discharge pH Monitoring

6/5/19	1512	pH	7.8	taken	from	the	discharge	FC/BTL
6/13/19	9:36	pH	7.8	taken	from	the	discharge	FC/BTL
6/20/19	12:00	pH	7.8	taken	from	the	discharge	FC/BTL
6/24/19	1:00	pH	8.0	taken	from	the	discharge	FC/BTL

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Note: System check

Form 2

Monthly Maintenance Log for June **~~2018~~ 2019**

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
6/4/19	NA	NA	NA	Dig out front corners	of shed. Hydraulic	
				Jack Bldg. up level.	Install Block & backfill	
				with stone.		FC/BHL
6/5/19	NA	NA	NA	Sample SPDES test	pH & record data.	
				Vapor sys. Inspection.	UWT vapor system	
				is down - 0 reading	Sent message to	
				Buckingham to schedule	follow-up & repair.	FC/BHL
6/7/19	NA	NA	NA	Could not determine	issue w/ UWT vapor	
				System. Contact Michigan	Tech - send tech out today	FC/BHL
6/9/19	1:18 AM	6/10/19 8:00		High EQ High Bag Pressure	alarm -	
				respond on 6/10 - system	shutdown itself.	
6/11/19				Bag filter change & restart.		
6/11/19	NA	NA	NA	Complete supporting of	shed. Jack up	
				back 2 corners & backfill	with stone.	
				Replace desiccator	w/ new unit outdoor BH#1	FC/BHL
6/13/19	NA	NA	NA	Sample SPDES test pH	& record data.	
~~6/14/19~~	~~7:00~~	~~6/14/19~~		Basin Tray Power	washing.	FC/BHL
6/16/19	7:00 AM	6/17/19	—	Power Outage -	Buss Bar Blew	FC/BHL
				repair set for 6/18.		
6/17/19	NA	NA	NA	System shutdown - No	power - hole punch	
				& coat trays. Cut site,		FC/BHL
6/18/19	NA	NA	NA	Buckingham repaired	electric buss. A.S.	
				unit taken down & descaled	during shutdown.	
				Reassemble & restart	w/ cleaned trays.	FC/BHL
6/20/19	NA	NA	NA	System check okay. Change	bag filter &	
				restart okay. Sample	SPDES test pH & record data.	FC/BHL
6/28/19	NA	NA	NA	Cut site & road	access w/ cuts.	
				Change Bag filter &	restart okay	FC/BHL

Form 1

Monthly Monitoring Log for July 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)								Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
				EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump					
7/3/19	10:46	—	—	9.3	14.9	4.5	11.8	14.3	13.0	94492494	14	Y	Y	FC/B+L
7/8/19	2:00	—	—	9.6	14.9	4.5	12.3	off	11.0	94553167	13	N	Y	FC/B+L
7/9/19	12:40	—	—	9.5	14.9	4.4	12.4	off	10.4	94564316	13	N	Y	FC/B+L
7/11/19	12:00	—	—	9.6	14.9	4.6	12.3	off	10.1	94587503	13	N	Y	FC/B+L
7/17/19	1:05	—	—	9.7	14.9	4.5	12.4	*	8.5	94657431	19	N	Y	FC/B+L
7/18/19	11:10	—	—	9.8	off	4.6	11.7	*	10.4	94667802	11	Y	Y	FC/B+L
7/25/19	10:40	—	—	9.8	14.9	4.5	11.0	15.0	10.3	94743284	13	N	Y	FC/B+L
7/26/19	11:00	—	—	10.0	14.9	4.9	13.6	off	9.5	94786253	13	N	Y	FC/B+L

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring
7/9/19	12:00	Sample 6 WTS effluent and Effluent per discharge permit. Yes	FC/B+L

Weekly Discharge pH Monitoring

7/3/19	10:30	pH 8.0	taken	from	the	discharge	FC/B+L
7/9/19	12:16	pH 8.0	taken	from	the	discharge	FC/B+L
7/17/19	1:00	pH 8.0	taken	from	the	discharge	FC/B+L
7/25/19	11:30	pH 8.0	taken	from	the	discharge	FC/B+L

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Note: System check

Form 2

Monthly Maintenance Log for July 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
7/3/19	NA	NA	NA	System check. Change bag filter. Sample SPDES test pH & record data.		FC/B+L
7/8/19	NA	NA	NA	System check okay. Reset Influent pump to KGPM Lower influent flow. Service vacuum. ~~[illegible]~~		FC/B+L
7/11/19	NA	NA	NA	System check - okay. Vapor system inspection completed & capped.		FC/B+L
7/15/19	NA	NA	NA	Cut site & Repair outdoor anemometer at Bldg 41. Spray Round-up around GWTS Bldg & sheds.		FC/B+L
7/17/19	NA	NA	NA	System check okay - change Bag filter & * pump check EW160 scheduled for 7/18. Sample SPDES test pH & record data.		FC/B+L
7/18/19	NA	NA	NA	* Pump check at EW160 - reset relay. Relay pulls in ~~no power~~ no pumping. Test fuses for continuity okay. Possible Bad motor on pump. Schedule repair.		FC/B+L
				Change Bag filter & restart system okay.		FC/B+L
7/25/19	NA	NA	NA	Diagnostic testing on 7/22 7/23 indicated no power from motor starter relay to pump motor. 7/25 replace relay with "Good used" relay from another unit. Rewire, re-install wiring to pump. Rebuilt pump & reinstall in well. Reset relay & restart okay.		FC/B+L
				Sample SPDES test pH & record data.		FC/B+L
7/29/19	NA	NA	NA	Tear down Air stripper, pull all site gauge parts → need replacement. Plasti-dip 1st coat on A.S. trays.		FC/B+L
7/30/19	NA	NA	NA	Repair site gauge w/ new parts, descale sump & 2nd coat Plasti-dip trays. Reassemble & restart GWTS.		FC/B+L

Tray change 7/30 - next 9/10

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Monthly Monitoring Log for Aug. **2019**

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)								Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
				EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump					
8/2/19	12:58	—	—	9.3	off	4.3	11.2	off	10.2	94818262	20/10	Y	Y	EC/BTL
8/5/19	2:10	—	—	9.4	14.8	4.4	11.0	off	10.6	94850247	10	N	Y	EC/BTL
8/6/19	1:30	—	—	9.4	14.6	4.3	11.0	off*	10.6	94870977	11	N	Y	EC/BTL
8/12/19	1:38	—	—	9.8	14.9	4.9	12.8	15.0	10.0	94903827	13	N	Y	EC/BTL
8/13/19	1:41	—	—	9.6	14.8	4.3	11.0	14.4	9.9	94943874	14	N	Y	EC/BTL
8/15/19	1:16	—	—	9.3	14.9	4.4	12.8	12.6	10.5	94975758	11	Y 2x	Y	EC/BTL
8/20/19	12:26	—	—	9.9	14.9	4.3	11.7	13.1	10.5	94988512	11	N	Y	EC/BTL
8/22/19	1:12	—	—	9.8	off	4.4	11.0	off	10.4	95009800	13	N	Y	EC/BTL
8/26/19	2:40	—	—	9.9	14.9	4.4	10.8	13.6	9.3	95052794	18/12	Y	Y	EC/BTL

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring

Weekly Discharge pH Monitoring

8/2/19	12:26	pH	8.1	Taken from the Discharge	EC/BTL
8/7/19	1:00	pH	8.0	Taken from the Discharge	EC/BTL
8/12/19	1:40	pH	8.2	Taken from the Discharge	EC/BTL
8/22/19	1:19	pH	8.1	Taken from the Discharge	EC/BTL

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Note: System check

Form 2

Monthly Maintenance Log for Aug 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
8/2/19	NA	NA	NA	Cut whole site with cub. Sample		
				SPDES, test pH & record	data. Change Bag Filter.	EC/B+L
8/5/19	NA	NA	NA	Vapor System Tripped breaker, completed &		
				data in log. System check okay.		EC/B+L
8/7/19	NA	NA	NA *	Pump check EW160, Relay pulls! no power		
				to pump? , Re-order	relay schedule change.	
8/8/19	NA	NA	NA	Sample SPDES test	pH & record, data.	EC/B+L
8/8/19	NA	NA	NA	Check EW160 relay and junction Box)		
				W/ meter, test Risers.	Appears we have	
				power to pump motor.	Schedule change	
				for monday. Contractor	for new relay/	
				Order. Move trays	to Bldg 40.	EC/B+L
8/10/19	4:15	7:30 AM	NA	Alarm for power outage, contact		
				Buckingham. Checking Monday AM.		EC/B+L
8/12/19	NA	NA	NA	No power yet, Pull	well pump at	
				EW160. remove motor. splice in new		
				motor connector, reinstall new motor.		
				Power back on 1:30, Tenant killed power		
				in Bldg 41. Restart	okay all pump working.	EC/B+L
8/15/19	NA	NA	NA	Pump down & vac clean F.O tank.		
				Refill & restart, change filter 2x's.		
				system running okay. Order spare relay at Grayhan.		EC/B+L
8/20/19	NA	NA	NA	Cut site with cub. Mowing from		
				Fence Co. wrapped	Blades → Shut down	
				machine, cut away tight wrap on bearing hub		EC/B+L
8/22/19	NA	NA	NA	Sample SPDES test	pH & record dated.	EC/B+L
8/26/19	NA	NA	NA	Set up power wash for tomorrow both		
				Bag Change Bag filter & restart Pump check		
				to get Flow reads on EW130 & EW160		EC/B+L
8/29/19	NA	NA	NA	Power Wash A.S.	trays.	EC/B+L
8/29/19	NA	NA	NA	Hole punch, silicone	coat & flash ice trays	EC/B+L

Form 1

Monthly Monitoring Log for Sept 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)								Effluent Meter Reading (gal)	Bag Filter Pressure (psf)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
				EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump					
9/4/19	1:12	—	—	10.4	14.9	4.7	11.8	15.0	9.5	95132559	11	N	Y	FC/BTL
9/11/19	1:20	—	—	10.2	14.9	4.4	10.6	off	9.0	95203297	21/18	Y	Y	FC/BTL
9/12/19	1:00	—	—	10.2	off	4.6	10.6	13.5	9.4	95214155	10	N	Y	FC/BTL
9/17/19	1:24	—	—	9.6	14.8	4.6	10.1	14.2	9.5	95264810	11	N	Y	FC/BTL
9/23/19	12:50	—	—	9.1	14.5	4.3	10.2	off	9.6	95324769	11	N	Y	FC/BTL
9/25/19	12:10	—	—	8.7	14.9	4.5	10.2	14.9	9.3	95334354	12	N	Y	FC/BTL
9/30/19	1:06	—	—	8.8	off	4.7	10.2	14.1	9.7	95393873	15	N	Y	FC/BTL

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring

Weekly Discharge pH Monitoring

9/4/19	1:00	pH 7.8 Taken from the discharge	FC/BTL
9/17/19	1:12	pH 8.1 Taken from the discharge	FC/BTL
9/17/19	1:35	pH 8.0 taken from the discharge	FC/BTL
9/25/19	12:20	pH 8.0 Taken from the discharge	FC/BTL

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Note: System check

Form 2

Monthly Maintenance Log for Sept. **2019**

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
9/3/19	NA	NA	NA	Shutdown GWTS. Disassemble air stripper		
				Begin Descale of sump and demister.		FC/BHL
9/4/19	NA	NA	NA	Swap scaled trays for clean at Boiler		
				Room. Clean tray gaskets of scale.		
				reassemble air stripper. Re-start system.		
				Sample SPDES test pit & record data.		FC/BHL
9/5/19	NA	NA	NA	Vapor system inspection and record		
				data. System check okay.		FC/BHL
9/6/19	NA	NA	NA	clean up shed & cuts off excess scrap.		
				[illegible] sort & hang tools.		FC/BHL
9/12/19	NA	NA	NA	Re-secure Bldg 41 vapor manometer, silicone		
				seal all tubing entries. Sample SPDES		
				test pit & record data. check access to		
				sentinel wells for Oct. sampling		FC/BHL
9/13/19	NA	NA	NA	Move [illegible] trays to Boiler Room for		
				power wash. Cut [illegible] with cub. Service		
				[illegible] → oil & filter change 185 hr.		FC/BHL
9/16/19	NA	NA	NA	Power wash 1 set of A.S. trays.		
9/17/19	NA	NA	NA	Power wash set 1 of winter trays. Sample		
				SPDES test pit & record data. System check OK		FC/BHL
9/18/19	NA	NA	NA	Power wash winter tray set #2 & cleanup		FC/BHL
9/23/19	NA	NA	NA	Hole punch tray set. System check		FC/BHL
9/25/19	NA	NA	NA	Sample SPDES test pit & record data.		
				Purchase silicone & plush [illegible] - [illegible] trays.		FC/BHL

Form 2

Monthly Maintenance Log for October 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
10/1/19	NA	NA	NA	Silicone coat A.S. install. Cut site w/	trays for October cuts. Round-up GWTS Bldg.	FC/BHL
10/3/19	NA	NA	NA	Pull Pump at EW120. Tee. Remove tee & attempt Flowmeter ⇒ Broke Tee. well hole w/ cart. Take Sample SPDES test pH	Flowmeter stuck in removal of Started to rain, cover pump offsite for rebuild. & record data.	FC/BHL
10/4/19	NA	NA	NA	Rebuild EW120 pump Flowmeter. Replace Multiple short flow Change bag filter	& reinstall. Service Flowmeter Tee. Re-start. read. okay. - restart - okay.	FC/BHL
10/7/19	NA	NA	NA	* Pump check at not working. Repair system inspection	EW120, pump tomorrow. Vapor completed & logged.	FC/BHL
10/8/19	NA	NA	NA	Trouble shoot EW120. and motor connector. Check relay okay. pump 240 150 50 cable. Cut & tend	Replace motor Low voltage to pump. No consistent power at volts. Found broken Break, 2 shrink tubes.	FC/BHL
10/9/19	NA	NA	NA	Pull well pump at EW150. Broke from pipe. Run out male pipe adapter to pump.	Pump fittings for parts & replaced	FC/BHL
10/10/19	NA	NA	NA	Complete pipe assembly well pump : flowmeter & Level controls okay SPDES discharge test pH meter & record data.	at EW150. Install level control. Pre-test Restart - okay. Sample w/ New Extech pH Change bag filter.	FC/BHL
10/15/19	NA	NA	NA	Rent Brush Hog from	Sunbelt cut well access.	FC/BHL
10/16/19	NA	NA	NA	Tear down A.S. unit &	begin descale.	FC/BHL
10/17/19	NA	NA	NA	Complete Descale & and restart. Sample	reassemble air stripper SPDES test pH & record data.	FC/BHL
10/18/19	NA	NA	NA	Check GWTS alarms - okay -	No Cell Service. Pickup Pine supplies.	FC/BHL

949 416 6387

Form 1

Monthly Monitoring Log for October 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)		EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump	Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
10/3/19	9:51			8.9	14.9	4.3	9.8	13.5	8.3	95421879	15	N	Y	FC/B+L
10/4/19	1:14			5.2	off	4.6	10.3	off	8.10	95430293	18/10	Y	Y	FC/B+L
10/7/19	1:34			off*	14.1	4.6	10.1	15.0	9.6	95453745	10	N	Y	FC/B+L
10/9/19	1:30			5.6	14.3	4.4	10.1	off	10.0	95471424	10	N	Y	FC/B+L
10/10/19	12:00			5.6	14.9	4.5	14.6	12.9	9.8	95478225	10	Y	Y	FC/B+L
10/13/19	1:25			5.8	14.9	4.7	14.9	15.0	10.1	95539585	10	N	Y	FC/B+L
10/15/19	12:50			5.8	13.7	4.4	14.9	14.4	9.7	95551664	11	N	Y	FC/B+L
10/23/19	1:00			6.0	off	4.5	14.9	12.6	9.9	95603902	11	N	Y	FC/B+L
10/24/19	12:30			6.2	14.9	4.6	19.9	off	9.7	95614578	11	N	Y	FC/B+L
10/25/19	10:47			6.4	off	4.7	14.9	15.0	9.8	95624632	12	N	Y	FC/B+L
10/29/19	12:30			6.6	14.4	4.5	14.9	off	8.8	95668143	14	N	Y	FC/B+L
10/31/19	12:12			7.0	off	4.6	14.9	off	9.6	95678660	10	Y	Y	FC/B+L

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring
10/24/19	11:50	Yes sample ports influent and effluent per permit	FC/B+L

Weekly Discharge pH Monitoring

10/3/19	10:02	pH 8.0 Taken from the discharge	FC/B+L
10/10/19	10:30	pH 8.2 Taken from the discharge	FC/B+L
10/17/19	11:20	pH 8.3 Taken from the discharge	FC/B+L
10/24/19	12:20	pH 8.3 Taken from the discharge	FC/B+L

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Note: System check

Tray change 11/28

Form 2

Monthly Maintenance Log for Oct 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
10/21/19	N/A	N/A	N/A	Begin well elevations.		FC/BTL
10/23/19	N/A	N/A	N/A	Sample Extraction	wells for semi-annual	FC/BTL
10/24/19	N/A	N/A	N/A	Sample offsite	wells, Purge water	
				returned to source	area. Sample	FC/BTL
				GWTS influent/Effluent.		FC/BTL
10/25/19	N/A	N/A	N/A	Complete label & chain	for samples	
				from offsite, extraction	wells and GWTS	
				→ samples to lab.	Return level meter to Pine	
~~[illegible]~~	~~N/A~~			System check okay,	1/2 day.	FC/BTL
10/28/19	N/A	N/A	N/A	Sample BL25S 25D,	205R, and 17D.	FC/BTL
10/29/19	N/A	N/A	N/A	Sample BL9S, 9D, 16S,	and 18S. Complete	
				labeling & chain for	a.m. delivery to lab	FC/BTL
10/30/19	N/A	N/A	N/A	Deliver sample	to Paradigm.	
				Sample locations	BL14S and BL14D.	
				Change bag filter	- repair gasket	
				leak. System check	ok - No phone	
				cell replacement	identified	FC/BTL
10/31/19	N/A	N/A	N/A	Complete semi-	annual sampling round.	FC/BTL

Form 1

Monthly Monitoring Log for Nov 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)								Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
				EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump					
11/4/19	9:53	—	—	7.6	14.3	4.8	14.8	15.0	10.0	95733400	11	N	Y	EC/B+L
11/5/19	10:5	—	—	7.6	14.8	4.6	14.9	15.0	9.9	95745846	12	N	Y	EC/B+L
11/6/19	11:34	—	—	7.6	14.9	4.5	14.9	15.0	9.8	95755983	10	Y	Y	EC/B+L
11/13/19	1:31	—	—	8.4	14.1	4.7	14.9	15.0	8.2	95834150	17	N	Y	EC/B+L
11/15/19	11:40	—	—	8.6	14.6	4.7	14.9	7.6	9.8	95855357	20/10	Y	Y	EC/B+L
11/18/19	1:42	—	—	8.3	14.9	4.7	14.9	off	9.6	95989321	10	N	Y	EC/B+L
11/19/19	12:40	—	—	7.5	14.9	4.7	14.9	15.0	10.0	96000[illegible]2	11	N	Y	EC/B+L
11/21/19	12:44	—	—	7.4	14.9	4.8	14.9	15.0	9.6	96022327	11	N	Y	EC/B+L
11/25/19	8:30	—	—	7.4	14.9	4.7	14.8	off	9.4	96066083	12	N	Y	EC/B+L
11/26/19	12:38	—	—	7.7	14.9	4.8	14.9	15.0	9.6	96066118	12	N	Y	EC/B+L
11/27/19	9:32	—	—	7.7	14.9	6.8	14.9	off	10.2	96071475	10	Y	Y	EC/B+L
										~~96095264~~				

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring

Weekly Discharge pH Monitoring

11/5/19	12:10	pH 8.4	Falcon	Ryan	Flow	Discharge		EC/B+L
11/15/19	11:52	pH 8.4	Falcon	Ryan	Flow	Discharge		EC/B+L
11/21/19	12:36	pH 8.2	Falcon	Ryan	Flow	Discharge		EC/B+L
11/25/19	8:25	pH 8.3	Falcon	Ryan	Flow	Discharge		EC/B+L

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Note: System check

Form 2

Monthly Maintenance Log for Nov 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
11/2/19	NA	NA	NA	Alarm system down.	System check - [illegible]	FC/B+L
11/4/19	NA	NA	NA	Work with Spectrum to connect cable run from Bldg 41 to Gates for phone service. Cable on ground surface connected but not operational yet. Must be provisioned by Spectrum and buried.		FC/B+L
11/5/19	NA	NA	NA	Contact Spectrum to provision our alarm line. Spent time with them, No promise when it will be done. Buried phone line across dirt road. System check okay. Sample SPDES test pH & record data.		FC/B+L
11/6/19	NA	NA	NA	Alarm line from Spectrum provisioned and dial tone exist! Trouble shoot auto-dialer w/ Sensaphone. Re boot & reprogram Sensaphone - okay. Test incoming & calling in & out okay. Vapor sys. Inspection - record data.		FC/B+L
				Install Battery Back up to Spectrum Modem.		FC/B+L
				Change Bag filter & restart - okay.		FC/B+L
11/15/19	NA	NA	NA	Hole punch trays for next tray change. Drill holes in the winter set of trays. Change bag filter. Sample SPDES test pH & record data.		FC/B+L
11/19/19	NA	NA	NA	Powerwash tray set for change out next week		FC/B+L
11/21/19	NA	NA	NA	Complete drilling of holes in winter tray sets. Coat tray set for change next week. Sample SPDES test pH & record data.		FC/B+L
11/25/19	NA	NA	NA	Begin teardown / descale of A.S. unit. Deliver spent trays to boiler room & pick up clean. System down for evening. Sampled SPDES & recorded data prior to teardown.		FC/B+L
11/26/19	NA	NA	NA	Reassemble air stripper & restart.		
11/27/19	NA	NA	NA	System check, change bag filter - restart okay.		FC/B+L
11/28/19	[illegible] 4:00	NA	NA	Alarm for Power Outage. Contact Buckingham. Entire site down. Power restored by following day		FC/B+L

Form 1

Monthly Monitoring Log for Dec. 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Weekly

Date	Time	Flow Rate (gpm)								Effluent Meter Reading (gal)	Bag Filter Pressure (psi)	Bag Filter Changed? Y or N	System Check Y or N	Name and Company Performing the System Monitoring
				EW-120	EW-130	EW-140	EW-150	EW-160	Effluent Pump					
12/2/19	2:34	—	—	8.2	14.7	6.6	14.9	13.9	9.6	96991442	10	N	Y	FC/BTL
12/3/19	12:53	—	—	8.1	14.7	6.6	14.9	14.3	9.6	95785264	10	N	Y	FC/BTL
12/6/19	1:34	—	—	8.2	14.6	6.3	14.9	14.8	9.8	96007276	10	Y	Y	FC/BTL
12/10/19	2:03	—	—	8.8	14.9	6.4	14.9	15.0	9.9	96019372	10	N	Y	FC/BTL
12/12/19	11:30	—	—	9.7	14.8	6.9	14.9	off	10.1	96028622	10	Y	Y	FC/BTL
12/18/19	1:45	—	—	9.3	14.9	6.8	14.9	off	9.4	96058171	9	Y	Y	FC/BTL
12/22/19	2:21	—	—	10.0	off	6.8	14.9	off	8.2	96076570	9	N	Y	FC/BTL

Quarterly

Date	Time	Obtained system effluent sample in accordance with discharge permit? Yes or No	Name and Company Performing the System Monitoring

Weekly Discharge pH Monitoring

12/3/19	12:41	pH 8.1 taken from the discharge	FC/BTL
12/12/19	11:25	pH 8.5 taken from the discharge	FC/BTL
12/18/19	1:41	pH 8.4 taken from the discharge	FC/BTL
12/22/19	2:16	pH 8.3 taken from the discharge	FC/BTL

Annual

Date	Time	Well Head Piping Leak Check	Operate Well Head and GWCTS Valves	Verify System Interlock Operation	Inspect Flow Meters, Pressure/Level Gauges & Switches	Comments	Name and Company Performing the System Monitoring

Note: System check

Form 2

Monthly Maintenance Log for DEC 2019

Operation & Maintenance Manual
Groundwater Collection and Treatment System
Former Bausch Lomb Frame Center
Chili, New York

Date	Time of Alarm Notification	Time Arrived on Site	Time Departed from Site	Description of Maintenance Performed	Reason for Maintenance	Name and Company Performing Maintenance
12/6/19	NA	NA	NA	Pump down EQ tank, vacuum & load dewater sludge. Refill & restart.		
				Change Bag Filter		EC/B+L
12/9/19	12:36	Here	NA	Power outage, effecting GWTS. Roof		
				leak on bus bar, shorted out. Buckingham		
				responding at least 24hr. downtime.		EC/B+L
12/10/19	NA	NA	NA	2:00 Buckingham	Replaced bus	
				bar for 480v. Still	no power. Fuses	
				Blown - power returned at 2:00. Restart		
				System Okay, Scale-out, plash-dip trays.		EC/B+L
12/12/19	NA	NA	NA	Vapor system inspection and record data.		
				Change bag filter and restart. Sample		
				SPDES test pH and record data.		EC/B+L
12/18/19	NA	NA	NA	Change Bag filter & restart - olc.		
				System check okay. Sample SPDES test		
				pH & record data.		EC/B+L
12/22/19	NA	NA	NA	Sample SPDES test pH & record data.		
				System check - okay.		EC/B+L

APPENDIX 5

Laboratory Analytical Data Sheets

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Bausch & Lomb

For Lab Project ID

195249

Referencing

Quarterly SPDES Monitoring

Prepared

Friday, November 1, 2019

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

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

PARADIGM

Lab Project ID: 195249

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier:	Influent Grab		
Lab Sample ID:	195249-01	**Date Sampled:**	10/24/2019
Matrix:	Water	**Date Received:**	10/25/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		10/30/2019 21:55
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		10/30/2019 21:55
1,1,2-Trichloroethane	< 2.00	ug/L		10/30/2019 21:55
1,1-Dichloroethane	**2.88**	ug/L		10/30/2019 21:55
1,1-Dichloroethene	< 2.00	ug/L		10/30/2019 21:55
1,2-Dichloroethane	< 2.00	ug/L		10/30/2019 21:55
1,2-Dichloropropane	< 2.00	ug/L		10/30/2019 21:55
2-Butanone	< 10.0	ug/L		10/30/2019 21:55
2-Chloroethyl vinyl Ether	< 10.0	ug/L		10/30/2019 21:55
2-Hexanone	< 5.00	ug/L		10/30/2019 21:55
4-Methyl-2-pentanone	< 5.00	ug/L		10/30/2019 21:55
Acetone	< 10.0	ug/L		10/30/2019 21:55
Benzene	< 1.00	ug/L		10/30/2019 21:55
Bromodichloromethane	< 2.00	ug/L		10/30/2019 21:55
Bromoform	< 5.00	ug/L		10/30/2019 21:55
Bromomethane	< 2.00	ug/L		10/30/2019 21:55
Carbon disulfide	< 2.00	ug/L		10/30/2019 21:55
Carbon Tetrachloride	< 2.00	ug/L		10/30/2019 21:55
Chlorobenzene	< 2.00	ug/L		10/30/2019 21:55
Chloroethane	< 2.00	ug/L		10/30/2019 21:55
Chloroform	< 2.00	ug/L		10/30/2019 21:55
Chloromethane	< 2.00	ug/L		10/30/2019 21:55
cis-1,2-Dichloroethene	**44.9**	ug/L		10/30/2019 21:55
cis-1,3-Dichloropropene	< 2.00	ug/L		10/30/2019 21:55
Dibromochloromethane	< 2.00	ug/L		10/30/2019 21:55
Ethylbenzene	< 2.00	ug/L		10/30/2019 21:55
Freon 113	**7.22**	ug/L		10/30/2019 21:55
m,p-Xylene	< 2.00	ug/L		10/30/2019 21:55

PARADIGM

Lab Project ID: 195249

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier:	Influent Grab		
Lab Sample ID:	195249-01	**Date Sampled:**	10/24/2019
Matrix:	Water	**Date Received:**	10/25/2019

Methylene chloride	< 5.00	ug/L		10/30/2019 21:55
o-Xylene	< 2.00	ug/L		10/30/2019 21:55
Styrene	< 5.00	ug/L		10/30/2019 21:55
Tetrachloroethene	< 2.00	ug/L		10/30/2019 21:55
Toluene	< 2.00	ug/L		10/30/2019 21:55
trans-1,2-Dichloroethene	< 2.00	ug/L		10/30/2019 21:55
trans-1,3-Dichloropropene	< 2.00	ug/L		10/30/2019 21:55
Trichloroethene	**93.9**	ug/L		10/30/2019 21:55
Trichlorofluoromethane	< 2.00	ug/L		10/30/2019 21:55
Vinyl acetate	< 5.00	ug/L		10/30/2019 21:55
Vinyl chloride	< 2.00	ug/L		10/30/2019 21:55

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**115**	70.5 - 135		10/30/2019 21:55
4-Bromofluorobenzene	**86.2**	62 - 127		10/30/2019 21:55
Pentafluorobenzene	**98.3**	87 - 113		10/30/2019 21:55
Toluene-D8	**93.2**	80.8 - 115		10/30/2019 21:55

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65799.D

PARADIGM

Lab Project ID: 195249

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier:	Effluent Grab		
Lab Sample ID:	195249-02	**Date Sampled:**	10/24/2019
Matrix:	Water	**Date Received:**	10/25/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	< 0.100	mg/L		10/28/2019 16:35

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 10/25/2019
Data File: 191028B

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		10/29/2019 13:29
1,1-Dichloroethane	< 2.00	ug/L		10/29/2019 13:29
1,1-Dichloroethene	< 2.00	ug/L		10/29/2019 13:29
cis-1,2-Dichloroethene	< 2.00	ug/L		10/29/2019 13:29
Freon 113	< 2.00	ug/L		10/29/2019 13:29
Trichloroethene	< 2.00	ug/L		10/29/2019 13:29
Vinyl chloride	< 2.00	ug/L		10/29/2019 13:29

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**125**	70.5 - 135		10/29/2019 13:29
4-Bromofluorobenzene	**77.9**	62 - 127		10/29/2019 13:29
Pentafluorobenzene	**98.7**	87 - 113		10/29/2019 13:29
Toluene-D8	**92.2**	80.8 - 115		10/29/2019 13:29

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x65748.D

Analytical Report Appendix

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

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

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

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

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

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

“<” = Analyzed for but not detected at or above the quantitation limit.
“E” = Result has been estimated, calibration limit exceeded.
“Z” = See case narrative.
“D” = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
“M” = Matrix spike recoveries outside QC limits. Matrix bias indicated.
“B” = Method blank contained trace levels of analyte. Refer to included method blank report.
“J” = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
“P” = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997

CHAIN OF CUSTODY

1 of 2

REPORT TO:		INVOICE TO:			
COMPANY:	Bausch & Lomb	COMPANY:	SAME	LAB PROJECT #: 195249	CLIENT PROJECT #:
ADDRESS:	1400 N. Goodman St.	ADDRESS:			
CITY:	Rochester STATE: NY ZIP: 14609	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE:	338-5087 FAX: 338-0345	PHONE:	FAX:	STD	OTHER
PROJECT NAME/SITE NAME:	ATTN: Frank Chiappone	ATTN:		☐ 1 ☐ 2 ☐ 3 ☒ 5	☐
Quarterly SPDES Monitoring	COMMENTS: * With DEC EDD	Also email: Scott Powlin, Chris Kassel			

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	Site Specific 8260	Fe								REMARKS	PARADIGM LAB SAMPLE NUMBER	
1	10/24/19	11:50		X	Influent Grab	W	2	X											01
2	10/24/19	11:55		X	Effluent Grab	W	3	X	X										02
3																			
4																			
5																			
6					Report only 1,1-Dichloroethane; 1,1-Dichloroethene; cis-1,2-Dichloroethene; Freon 113; 1,1,1-Trichloroethane;														
7					Trichloroethene; Vinyl Chloride on Effluent.														
8																			
9																			
10																			

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

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

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments: 4°C iced 10/25/19 09:47		

Sampled By	Frank Chiappone	10/24/19 12:36
Relinquished By	Frank Chiappone	10/25/19 9:09
Received By		10/25/19 0909
Received @ Lab By		10/25/19 09:57

Total Cost: ☐

P.I.F. ☐

Chain of Custody Supplement

Client: Bausch & Lomb **Completed by:** Glenn Pezzulo

Lab Project ID: 195249 **Date:** 10/25/19

Sample Condition Requirements

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

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X Metals		X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X Metals
Comments	4°C iced		
Compliant Sample Quantity/Type	X		
Comments			

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Bausch & Lomb

For Lab Project ID

191772

Referencing

Semiannual Monitoring

Prepared

Thursday, May 2, 2019

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW120		
Lab Sample ID:	191772-01	**Date Sampled:**	4/23/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/29/2019 18:16
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/29/2019 18:16
1,1,2-Trichloroethane	< 2.00	ug/L		4/29/2019 18:16
1,1-Dichloroethane	< 2.00	ug/L		4/29/2019 18:16
1,1-Dichloroethene	< 2.00	ug/L		4/29/2019 18:16
1,2-Dichloroethane	< 2.00	ug/L		4/29/2019 18:16
1,2-Dichloropropane	< 2.00	ug/L		4/29/2019 18:16
2-Butanone	< 10.0	ug/L		4/29/2019 18:16
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/29/2019 18:16
2-Hexanone	< 5.00	ug/L		4/29/2019 18:16
4-Methyl-2-pentanone	< 5.00	ug/L		4/29/2019 18:16
Acetone	< 10.0	ug/L		4/29/2019 18:16
Benzene	< 1.00	ug/L		4/29/2019 18:16
Bromodichloromethane	< 2.00	ug/L		4/29/2019 18:16
Bromoform	< 5.00	ug/L		4/29/2019 18:16
Bromomethane	< 2.00	ug/L		4/29/2019 18:16
Carbon disulfide	< 2.00	ug/L		4/29/2019 18:16
Carbon Tetrachloride	< 2.00	ug/L		4/29/2019 18:16
Chlorobenzene	< 2.00	ug/L		4/29/2019 18:16
Chloroethane	< 2.00	ug/L		4/29/2019 18:16
Chloroform	< 2.00	ug/L		4/29/2019 18:16
Chloromethane	< 2.00	ug/L		4/29/2019 18:16
cis-1,2-Dichloroethene	**6.04**	ug/L		4/29/2019 18:16
cis-1,3-Dichloropropene	< 2.00	ug/L		4/29/2019 18:16
Dibromochloromethane	< 2.00	ug/L		4/29/2019 18:16
Ethylbenzene	< 2.00	ug/L		4/29/2019 18:16
Freon 113	< 2.00	ug/L		4/29/2019 18:16
m,p-Xylene	< 2.00	ug/L		4/29/2019 18:16

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW120		
Lab Sample ID:	191772-01	**Date Sampled:**	4/23/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 5.00	ug/L	4/29/2019	18:16
o-Xylene	< 2.00	ug/L	4/29/2019	18:16
Styrene	< 5.00	ug/L	4/29/2019	18:16
Tetrachloroethene	< 2.00	ug/L	4/29/2019	18:16
Toluene	< 2.00	ug/L	4/29/2019	18:16
trans-1,2-Dichloroethene	< 2.00	ug/L	4/29/2019	18:16
trans-1,3-Dichloropropene	< 2.00	ug/L	4/29/2019	18:16
Trichloroethene	**24.2**	ug/L	4/29/2019	18:16
Trichlorofluoromethane	< 2.00	ug/L	4/29/2019	18:16
Vinyl acetate	< 5.00	ug/L	4/29/2019	18:16
Vinyl chloride	< 2.00	ug/L	4/29/2019	18:16

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**90.2**	71.4 - 133		4/29/2019	18:16
4-Bromofluorobenzene	**78.1**	61.7 - 126		4/29/2019	18:16
Pentafluorobenzene	**102**	87.4 - 109		4/29/2019	18:16
Toluene-D8	**90.7**	82.3 - 112		4/29/2019	18:16

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60415.D

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW130		
Lab Sample ID:	191772-02	**Date Sampled:**	4/23/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/29/2019 18:39
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/29/2019 18:39
1,1,2-Trichloroethane	< 2.00	ug/L		4/29/2019 18:39
1,1-Dichloroethane	< 2.00	ug/L		4/29/2019 18:39
1,1-Dichloroethene	< 2.00	ug/L		4/29/2019 18:39
1,2-Dichloroethane	< 2.00	ug/L		4/29/2019 18:39
1,2-Dichloropropane	< 2.00	ug/L		4/29/2019 18:39
2-Butanone	< 10.0	ug/L		4/29/2019 18:39
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/29/2019 18:39
2-Hexanone	< 5.00	ug/L		4/29/2019 18:39
4-Methyl-2-pentanone	< 5.00	ug/L		4/29/2019 18:39
Acetone	< 10.0	ug/L		4/29/2019 18:39
Benzene	< 1.00	ug/L		4/29/2019 18:39
Bromodichloromethane	< 2.00	ug/L		4/29/2019 18:39
Bromoform	< 5.00	ug/L		4/29/2019 18:39
Bromomethane	< 2.00	ug/L		4/29/2019 18:39
Carbon disulfide	< 2.00	ug/L		4/29/2019 18:39
Carbon Tetrachloride	< 2.00	ug/L		4/29/2019 18:39
Chlorobenzene	< 2.00	ug/L		4/29/2019 18:39
Chloroethane	< 2.00	ug/L		4/29/2019 18:39
Chloroform	< 2.00	ug/L		4/29/2019 18:39
Chloromethane	< 2.00	ug/L		4/29/2019 18:39
cis-1,2-Dichloroethene	**4.56**	ug/L		4/29/2019 18:39
cis-1,3-Dichloropropene	< 2.00	ug/L		4/29/2019 18:39
Dibromochloromethane	< 2.00	ug/L		4/29/2019 18:39
Ethylbenzene	< 2.00	ug/L		4/29/2019 18:39
Freon 113	< 2.00	ug/L		4/29/2019 18:39
m,p-Xylene	< 2.00	ug/L		4/29/2019 18:39

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW130		
Lab Sample ID:	191772-02	**Date Sampled:**	4/23/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 5.00	ug/L	4/29/2019	18:39
o-Xylene	< 2.00	ug/L	4/29/2019	18:39
Styrene	< 5.00	ug/L	4/29/2019	18:39
Tetrachloroethene	< 2.00	ug/L	4/29/2019	18:39
Toluene	< 2.00	ug/L	4/29/2019	18:39
trans-1,2-Dichloroethene	< 2.00	ug/L	4/29/2019	18:39
trans-1,3-Dichloropropene	< 2.00	ug/L	4/29/2019	18:39
Trichloroethene	**16.3**	ug/L	4/29/2019	18:39
Trichlorofluoromethane	< 2.00	ug/L	4/29/2019	18:39
Vinyl acetate	< 5.00	ug/L	4/29/2019	18:39
Vinyl chloride	< 2.00	ug/L	4/29/2019	18:39

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**93.9**	71.4 - 133		4/29/2019	18:39
4-Bromofluorobenzene	**81.9**	61.7 - 126		4/29/2019	18:39
Pentafluorobenzene	**101**	87.4 - 109		4/29/2019	18:39
Toluene-D8	**91.0**	82.3 - 112		4/29/2019	18:39

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60416.D

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW140		
Lab Sample ID:	191772-03	**Date Sampled:**	4/23/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 5.00	ug/L		4/29/2019 17:54
1,1,2,2-Tetrachloroethane	< 5.00	ug/L		4/29/2019 17:54
1,1,2-Trichloroethane	< 5.00	ug/L		4/29/2019 17:54
1,1-Dichloroethane	< 5.00	ug/L		4/29/2019 17:54
1,1-Dichloroethene	< 5.00	ug/L		4/29/2019 17:54
1,2-Dichloroethane	< 5.00	ug/L		4/29/2019 17:54
1,2-Dichloropropane	< 5.00	ug/L		4/29/2019 17:54
2-Butanone	< 25.0	ug/L		4/29/2019 17:54
2-Chloroethyl vinyl Ether	< 12.5	ug/L		4/29/2019 17:54
2-Hexanone	< 12.5	ug/L		4/29/2019 17:54
4-Methyl-2-pentanone	< 12.5	ug/L		4/29/2019 17:54
Acetone	< 25.0	ug/L		4/29/2019 17:54
Benzene	< 2.50	ug/L		4/29/2019 17:54
Bromodichloromethane	< 5.00	ug/L		4/29/2019 17:54
Bromoform	< 12.5	ug/L		4/29/2019 17:54
Bromomethane	< 5.00	ug/L		4/29/2019 17:54
Carbon disulfide	< 5.00	ug/L		4/29/2019 17:54
Carbon Tetrachloride	< 5.00	ug/L		4/29/2019 17:54
Chlorobenzene	< 5.00	ug/L		4/29/2019 17:54
Chloroethane	< 5.00	ug/L		4/29/2019 17:54
Chloroform	< 5.00	ug/L		4/29/2019 17:54
Chloromethane	< 5.00	ug/L		4/29/2019 17:54
cis-1,2-Dichloroethene	**64.0**	ug/L		4/29/2019 17:54
cis-1,3-Dichloropropene	< 5.00	ug/L		4/29/2019 17:54
Dibromochloromethane	< 5.00	ug/L		4/29/2019 17:54
Ethylbenzene	< 5.00	ug/L		4/29/2019 17:54
Freon 113	**17.7**	ug/L		4/29/2019 17:54
m,p-Xylene	< 5.00	ug/L		4/29/2019 17:54

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW140		
Lab Sample ID:	191772-03	**Date Sampled:**	4/23/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 12.5	ug/L	4/29/2019	17:54
o-Xylene	< 5.00	ug/L	4/29/2019	17:54
Styrene	< 12.5	ug/L	4/29/2019	17:54
Tetrachloroethene	< 5.00	ug/L	4/29/2019	17:54
Toluene	< 5.00	ug/L	4/29/2019	17:54
trans-1,2-Dichloroethene	< 5.00	ug/L	4/29/2019	17:54
trans-1,3-Dichloropropene	< 5.00	ug/L	4/29/2019	17:54
Trichloroethene	**215**	ug/L	4/29/2019	17:54
Trichlorofluoromethane	< 5.00	ug/L	4/29/2019	17:54
Vinyl acetate	< 12.5	ug/L	4/29/2019	17:54
Vinyl chloride	< 5.00	ug/L	4/29/2019	17:54

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**85.5**	71.4 - 133		4/29/2019	17:54
4-Bromofluorobenzene	**75.8**	61.7 - 126		4/29/2019	17:54
Pentafluorobenzene	**102**	87.4 - 109		4/29/2019	17:54
Toluene-D8	**89.7**	82.3 - 112		4/29/2019	17:54

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60414.D

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW150		
Lab Sample ID:	191772-04	**Date Sampled:**	4/23/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/29/2019 19:02
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/29/2019 19:02
1,1,2-Trichloroethane	< 2.00	ug/L		4/29/2019 19:02
1,1-Dichloroethane	< 2.00	ug/L		4/29/2019 19:02
1,1-Dichloroethene	< 2.00	ug/L		4/29/2019 19:02
1,2-Dichloroethane	< 2.00	ug/L		4/29/2019 19:02
1,2-Dichloropropane	< 2.00	ug/L		4/29/2019 19:02
2-Butanone	< 10.0	ug/L		4/29/2019 19:02
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/29/2019 19:02
2-Hexanone	< 5.00	ug/L		4/29/2019 19:02
4-Methyl-2-pentanone	< 5.00	ug/L		4/29/2019 19:02
Acetone	< 10.0	ug/L		4/29/2019 19:02
Benzene	< 1.00	ug/L		4/29/2019 19:02
Bromodichloromethane	< 2.00	ug/L		4/29/2019 19:02
Bromoform	< 5.00	ug/L		4/29/2019 19:02
Bromomethane	< 2.00	ug/L		4/29/2019 19:02
Carbon disulfide	< 2.00	ug/L		4/29/2019 19:02
Carbon Tetrachloride	< 2.00	ug/L		4/29/2019 19:02
Chlorobenzene	< 2.00	ug/L		4/29/2019 19:02
Chloroethane	< 2.00	ug/L		4/29/2019 19:02
Chloroform	< 2.00	ug/L		4/29/2019 19:02
Chloromethane	< 2.00	ug/L		4/29/2019 19:02
cis-1,2-Dichloroethene	**72.6**	ug/L		4/29/2019 19:02
cis-1,3-Dichloropropene	< 2.00	ug/L		4/29/2019 19:02
Dibromochloromethane	< 2.00	ug/L		4/29/2019 19:02
Ethylbenzene	< 2.00	ug/L		4/29/2019 19:02
Freon 113	**3.13**	ug/L		4/29/2019 19:02
m,p-Xylene	< 2.00	ug/L		4/29/2019 19:02

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW150		
Lab Sample ID:	191772-04	**Date Sampled:**	4/23/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 5.00	ug/L	4/29/2019	19:02
o-Xylene	< 2.00	ug/L	4/29/2019	19:02
Styrene	< 5.00	ug/L	4/29/2019	19:02
Tetrachloroethene	< 2.00	ug/L	4/29/2019	19:02
Toluene	< 2.00	ug/L	4/29/2019	19:02
trans-1,2-Dichloroethene	< 2.00	ug/L	4/29/2019	19:02
trans-1,3-Dichloropropene	< 2.00	ug/L	4/29/2019	19:02
Trichloroethene	**79.0**	ug/L	4/29/2019	19:02
Trichlorofluoromethane	< 2.00	ug/L	4/29/2019	19:02
Vinyl acetate	< 5.00	ug/L	4/29/2019	19:02
Vinyl chloride	**6.06**	ug/L	4/29/2019	19:02

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**98.5**	71.4 - 133		4/29/2019	19:02
4-Bromofluorobenzene	**75.2**	61.7 - 126		4/29/2019	19:02
Pentafluorobenzene	**103**	87.4 - 109		4/29/2019	19:02
Toluene-D8	**88.1**	82.3 - 112		4/29/2019	19:02

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60417.D

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW160		
Lab Sample ID:	191772-05	**Date Sampled:**	4/23/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/30/2019 14:04
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/30/2019 14:04
1,1,2-Trichloroethane	< 2.00	ug/L		4/30/2019 14:04
1,1-Dichloroethane	< 2.00	ug/L		4/30/2019 14:04
1,1-Dichloroethene	**2.24**	ug/L		4/30/2019 14:04
1,2-Dichloroethane	< 2.00	ug/L		4/30/2019 14:04
1,2-Dichloropropane	< 2.00	ug/L		4/30/2019 14:04
2-Butanone	< 10.0	ug/L		4/30/2019 14:04
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/30/2019 14:04
2-Hexanone	< 5.00	ug/L		4/30/2019 14:04
4-Methyl-2-pentanone	< 5.00	ug/L		4/30/2019 14:04
Acetone	< 10.0	ug/L		4/30/2019 14:04
Benzene	< 1.00	ug/L		4/30/2019 14:04
Bromodichloromethane	< 2.00	ug/L		4/30/2019 14:04
Bromoform	< 5.00	ug/L		4/30/2019 14:04
Bromomethane	< 2.00	ug/L		4/30/2019 14:04
Carbon disulfide	< 2.00	ug/L		4/30/2019 14:04
Carbon Tetrachloride	< 2.00	ug/L		4/30/2019 14:04
Chlorobenzene	< 2.00	ug/L		4/30/2019 14:04
Chloroethane	< 2.00	ug/L		4/30/2019 14:04
Chloroform	< 2.00	ug/L		4/30/2019 14:04
Chloromethane	< 2.00	ug/L		4/30/2019 14:04
cis-1,2-Dichloroethene	**2.07**	ug/L		4/30/2019 14:04
cis-1,3-Dichloropropene	< 2.00	ug/L		4/30/2019 14:04
Dibromochloromethane	< 2.00	ug/L		4/30/2019 14:04
Ethylbenzene	< 2.00	ug/L		4/30/2019 14:04
Freon 113	< 2.00	ug/L		4/30/2019 14:04
m,p-Xylene	< 2.00	ug/L		4/30/2019 14:04

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW160		
Lab Sample ID:	191772-05	**Date Sampled:**	4/23/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 5.00	ug/L	4/30/2019	14:04
o-Xylene	< 2.00	ug/L	4/30/2019	14:04
Styrene	< 5.00	ug/L	4/30/2019	14:04
Tetrachloroethene	**6.05**	ug/L	4/30/2019	14:04
Toluene	< 2.00	ug/L	4/30/2019	14:04
trans-1,2-Dichloroethene	< 2.00	ug/L	4/30/2019	14:04
trans-1,3-Dichloropropene	< 2.00	ug/L	4/30/2019	14:04
Trichloroethene	**107**	ug/L	4/30/2019	14:04
Trichlorofluoromethane	< 2.00	ug/L	4/30/2019	14:04
Vinyl acetate	< 5.00	ug/L	4/30/2019	14:04
Vinyl chloride	< 2.00	ug/L	4/30/2019	14:04

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**104**	71.4 - 133		4/30/2019	14:04
4-Bromofluorobenzene	**68.5**	61.7 - 126		4/30/2019	14:04
Pentafluorobenzene	**92.6**	87.4 - 109		4/30/2019	14:04
Toluene-D8	**85.5**	82.3 - 112		4/30/2019	14:04

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60456.D

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH3D		
Lab Sample ID:	191772-06	**Date Sampled:**	4/24/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/29/2019 19:47
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/29/2019 19:47
1,1,2-Trichloroethane	< 2.00	ug/L		4/29/2019 19:47
1,1-Dichloroethane	< 2.00	ug/L		4/29/2019 19:47
1,1-Dichloroethene	< 2.00	ug/L		4/29/2019 19:47
1,2-Dichloroethane	< 2.00	ug/L		4/29/2019 19:47
1,2-Dichloropropane	< 2.00	ug/L		4/29/2019 19:47
2-Butanone	< 10.0	ug/L		4/29/2019 19:47
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/29/2019 19:47
2-Hexanone	< 5.00	ug/L		4/29/2019 19:47
4-Methyl-2-pentanone	< 5.00	ug/L		4/29/2019 19:47
Acetone	< 10.0	ug/L		4/29/2019 19:47
Benzene	< 1.00	ug/L		4/29/2019 19:47
Bromodichloromethane	< 2.00	ug/L		4/29/2019 19:47
Bromoform	< 5.00	ug/L		4/29/2019 19:47
Bromomethane	< 2.00	ug/L		4/29/2019 19:47
Carbon disulfide	< 2.00	ug/L		4/29/2019 19:47
Carbon Tetrachloride	< 2.00	ug/L		4/29/2019 19:47
Chlorobenzene	< 2.00	ug/L		4/29/2019 19:47
Chloroethane	< 2.00	ug/L		4/29/2019 19:47
Chloroform	< 2.00	ug/L		4/29/2019 19:47
Chloromethane	< 2.00	ug/L		4/29/2019 19:47
cis-1,2-Dichloroethene	**4.48**	ug/L		4/29/2019 19:47
cis-1,3-Dichloropropene	< 2.00	ug/L		4/29/2019 19:47
Dibromochloromethane	< 2.00	ug/L		4/29/2019 19:47
Ethylbenzene	< 2.00	ug/L		4/29/2019 19:47
Freon 113	< 2.00	ug/L		4/29/2019 19:47
m,p-Xylene	< 2.00	ug/L		4/29/2019 19:47

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH3D		
Lab Sample ID:	191772-06	**Date Sampled:**	4/24/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 5.00	ug/L	4/29/2019	19:47
o-Xylene	< 2.00	ug/L	4/29/2019	19:47
Styrene	< 5.00	ug/L	4/29/2019	19:47
Tetrachloroethene	< 2.00	ug/L	4/29/2019	19:47
Toluene	< 2.00	ug/L	4/29/2019	19:47
trans-1,2-Dichloroethene	< 2.00	ug/L	4/29/2019	19:47
trans-1,3-Dichloropropene	< 2.00	ug/L	4/29/2019	19:47
Trichloroethene	< 2.00	ug/L	4/29/2019	19:47
Trichlorofluoromethane	< 2.00	ug/L	4/29/2019	19:47
Vinyl acetate	< 5.00	ug/L	4/29/2019	19:47
Vinyl chloride	< 2.00	ug/L	4/29/2019	19:47

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**94.8**	71.4 - 133		4/29/2019	19:47
4-Bromofluorobenzene	**73.8**	61.7 - 126		4/29/2019	19:47
Pentafluorobenzene	**98.6**	87.4 - 109		4/29/2019	19:47
Toluene-D8	**86.4**	82.3 - 112		4/29/2019	19:47

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60419.D

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH6D		
Lab Sample ID:	191772-07	**Date Sampled:**	4/24/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/29/2019 20:10
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/29/2019 20:10
1,1,2-Trichloroethane	< 2.00	ug/L		4/29/2019 20:10
1,1-Dichloroethane	**2.60**	ug/L		4/29/2019 20:10
1,1-Dichloroethene	< 2.00	ug/L		4/29/2019 20:10
1,2-Dichloroethane	< 2.00	ug/L		4/29/2019 20:10
1,2-Dichloropropane	< 2.00	ug/L		4/29/2019 20:10
2-Butanone	< 10.0	ug/L		4/29/2019 20:10
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/29/2019 20:10
2-Hexanone	< 5.00	ug/L		4/29/2019 20:10
4-Methyl-2-pentanone	< 5.00	ug/L		4/29/2019 20:10
Acetone	< 10.0	ug/L		4/29/2019 20:10
Benzene	< 1.00	ug/L		4/29/2019 20:10
Bromodichloromethane	< 2.00	ug/L		4/29/2019 20:10
Bromoform	< 5.00	ug/L		4/29/2019 20:10
Bromomethane	< 2.00	ug/L		4/29/2019 20:10
Carbon disulfide	< 2.00	ug/L		4/29/2019 20:10
Carbon Tetrachloride	< 2.00	ug/L		4/29/2019 20:10
Chlorobenzene	< 2.00	ug/L		4/29/2019 20:10
Chloroethane	< 2.00	ug/L		4/29/2019 20:10
Chloroform	< 2.00	ug/L		4/29/2019 20:10
Chloromethane	< 2.00	ug/L		4/29/2019 20:10
cis-1,2-Dichloroethene	**9.90**	ug/L		4/29/2019 20:10
cis-1,3-Dichloropropene	< 2.00	ug/L		4/29/2019 20:10
Dibromochloromethane	< 2.00	ug/L		4/29/2019 20:10
Ethylbenzene	< 2.00	ug/L		4/29/2019 20:10
Freon 113	< 2.00	ug/L		4/29/2019 20:10
m,p-Xylene	< 2.00	ug/L		4/29/2019 20:10

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH6D		
Lab Sample ID:	191772-07	**Date Sampled:**	4/24/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 5.00	ug/L		4/29/2019 20:10
o-Xylene	< 2.00	ug/L		4/29/2019 20:10
Styrene	< 5.00	ug/L		4/29/2019 20:10
Tetrachloroethene	< 2.00	ug/L		4/29/2019 20:10
Toluene	< 2.00	ug/L		4/29/2019 20:10
trans-1,2-Dichloroethene	< 2.00	ug/L		4/29/2019 20:10
trans-1,3-Dichloropropene	< 2.00	ug/L		4/29/2019 20:10
Trichloroethene	**11.0**	ug/L		4/29/2019 20:10
Trichlorofluoromethane	< 2.00	ug/L		4/29/2019 20:10
Vinyl acetate	< 5.00	ug/L		4/29/2019 20:10
Vinyl chloride	< 2.00	ug/L		4/29/2019 20:10

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**93.9**	71.4 - 133		4/29/2019 20:10
4-Bromofluorobenzene	**74.9**	61.7 - 126		4/29/2019 20:10
Pentafluorobenzene	**101**	87.4 - 109		4/29/2019 20:10
Toluene-D8	**88.9**	82.3 - 112		4/29/2019 20:10

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60420.D

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH7		
Lab Sample ID:	191772-08	**Date Sampled:**	4/24/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/29/2019 20:32
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/29/2019 20:32
1,1,2-Trichloroethane	< 2.00	ug/L		4/29/2019 20:32
1,1-Dichloroethane	< 2.00	ug/L		4/29/2019 20:32
1,1-Dichloroethene	< 2.00	ug/L		4/29/2019 20:32
1,2-Dichloroethane	< 2.00	ug/L		4/29/2019 20:32
1,2-Dichloropropane	< 2.00	ug/L		4/29/2019 20:32
2-Butanone	< 10.0	ug/L		4/29/2019 20:32
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/29/2019 20:32
2-Hexanone	< 5.00	ug/L		4/29/2019 20:32
4-Methyl-2-pentanone	< 5.00	ug/L		4/29/2019 20:32
Acetone	< 10.0	ug/L		4/29/2019 20:32
Benzene	< 1.00	ug/L		4/29/2019 20:32
Bromodichloromethane	< 2.00	ug/L		4/29/2019 20:32
Bromoform	< 5.00	ug/L		4/29/2019 20:32
Bromomethane	< 2.00	ug/L		4/29/2019 20:32
Carbon disulfide	< 2.00	ug/L		4/29/2019 20:32
Carbon Tetrachloride	< 2.00	ug/L		4/29/2019 20:32
Chlorobenzene	< 2.00	ug/L		4/29/2019 20:32
Chloroethane	< 2.00	ug/L		4/29/2019 20:32
Chloroform	< 2.00	ug/L		4/29/2019 20:32
Chloromethane	< 2.00	ug/L		4/29/2019 20:32
cis-1,2-Dichloroethene	< 2.00	ug/L		4/29/2019 20:32
cis-1,3-Dichloropropene	< 2.00	ug/L		4/29/2019 20:32
Dibromochloromethane	< 2.00	ug/L		4/29/2019 20:32
Ethylbenzene	< 2.00	ug/L		4/29/2019 20:32
Freon 113	< 2.00	ug/L		4/29/2019 20:32
m,p-Xylene	< 2.00	ug/L		4/29/2019 20:32

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH7		
Lab Sample ID:	191772-08	**Date Sampled:**	4/24/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 5.00	ug/L	4/29/2019	20:32
o-Xylene	< 2.00	ug/L	4/29/2019	20:32
Styrene	< 5.00	ug/L	4/29/2019	20:32
Tetrachloroethene	< 2.00	ug/L	4/29/2019	20:32
Toluene	< 2.00	ug/L	4/29/2019	20:32
trans-1,2-Dichloroethene	< 2.00	ug/L	4/29/2019	20:32
trans-1,3-Dichloropropene	< 2.00	ug/L	4/29/2019	20:32
Trichloroethene	< 2.00	ug/L	4/29/2019	20:32
Trichlorofluoromethane	< 2.00	ug/L	4/29/2019	20:32
Vinyl acetate	< 5.00	ug/L	4/29/2019	20:32
Vinyl chloride	< 2.00	ug/L	4/29/2019	20:32

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**98.7**	71.4 - 133		4/29/2019	20:32
4-Bromofluorobenzene	**68.6**	61.7 - 126		4/29/2019	20:32
Pentafluorobenzene	**95.5**	87.4 - 109		4/29/2019	20:32
Toluene-D8	**84.7**	82.3 - 112		4/29/2019	20:32

Internal standard outliers indicate probable matrix interference

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60421.D

PARADIGM

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL25S		
Lab Sample ID:	191772-09	**Date Sampled:**	4/25/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/30/2019 22:26
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/30/2019 22:26
1,1,2-Trichloroethane	< 2.00	ug/L		4/30/2019 22:26
1,1-Dichloroethane	< 2.00	ug/L		4/30/2019 22:26
1,1-Dichloroethene	< 2.00	ug/L		4/30/2019 22:26
1,2-Dichloroethane	< 2.00	ug/L		4/30/2019 22:26
1,2-Dichloropropane	< 2.00	ug/L		4/30/2019 22:26
2-Butanone	< 10.0	ug/L		4/30/2019 22:26
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/30/2019 22:26
2-Hexanone	< 5.00	ug/L		4/30/2019 22:26
4-Methyl-2-pentanone	< 5.00	ug/L		4/30/2019 22:26
Acetone	< 10.0	ug/L		4/30/2019 22:26
Benzene	< 1.00	ug/L		4/30/2019 22:26
Bromodichloromethane	< 2.00	ug/L		4/30/2019 22:26
Bromoform	< 5.00	ug/L		4/30/2019 22:26
Bromomethane	< 2.00	ug/L		4/30/2019 22:26
Carbon disulfide	< 2.00	ug/L		4/30/2019 22:26
Carbon Tetrachloride	< 2.00	ug/L		4/30/2019 22:26
Chlorobenzene	< 2.00	ug/L		4/30/2019 22:26
Chloroethane	< 2.00	ug/L		4/30/2019 22:26
Chloroform	< 2.00	ug/L		4/30/2019 22:26
Chloromethane	< 2.00	ug/L		4/30/2019 22:26
cis-1,2-Dichloroethene	< 2.00	ug/L		4/30/2019 22:26
cis-1,3-Dichloropropene	< 2.00	ug/L		4/30/2019 22:26
Dibromochloromethane	< 2.00	ug/L		4/30/2019 22:26
Ethylbenzene	< 2.00	ug/L		4/30/2019 22:26
Freon 113	< 2.00	ug/L		4/30/2019 22:26
m,p-Xylene	< 2.00	ug/L		4/30/2019 22:26

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL25S		
Lab Sample ID:	191772-09	**Date Sampled:**	4/25/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 5.00	ug/L	4/30/2019	22:26
o-Xylene	< 2.00	ug/L	4/30/2019	22:26
Styrene	< 5.00	ug/L	4/30/2019	22:26
Tetrachloroethene	< 2.00	ug/L	4/30/2019	22:26
Toluene	< 2.00	ug/L	4/30/2019	22:26
trans-1,2-Dichloroethene	< 2.00	ug/L	4/30/2019	22:26
trans-1,3-Dichloropropene	< 2.00	ug/L	4/30/2019	22:26
Trichloroethene	< 2.00	ug/L	4/30/2019	22:26
Trichlorofluoromethane	< 2.00	ug/L	4/30/2019	22:26
Vinyl acetate	< 5.00	ug/L	4/30/2019	22:26
Vinyl chloride	< 2.00	ug/L	4/30/2019	22:26

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**	
1,2-Dichloroethane-d4	**96.7**	71.4 - 133		4/30/2019	22:26
4-Bromofluorobenzene	**76.2**	61.7 - 126		4/30/2019	22:26
Pentafluorobenzene	**101**	87.4 - 109		4/30/2019	22:26
Toluene-D8	**89.8**	82.3 - 112		4/30/2019	22:26

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60477.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL20SR		
Lab Sample ID:	191772-10	**Date Sampled:**	4/25/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/30/2019 22:49
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/30/2019 22:49
1,1,2-Trichloroethane	< 2.00	ug/L		4/30/2019 22:49
1,1-Dichloroethane	< 2.00	ug/L		4/30/2019 22:49
1,1-Dichloroethene	< 2.00	ug/L		4/30/2019 22:49
1,2-Dichloroethane	< 2.00	ug/L		4/30/2019 22:49
1,2-Dichloropropane	< 2.00	ug/L		4/30/2019 22:49
2-Butanone	< 10.0	ug/L		4/30/2019 22:49
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/30/2019 22:49
2-Hexanone	< 5.00	ug/L		4/30/2019 22:49
4-Methyl-2-pentanone	< 5.00	ug/L		4/30/2019 22:49
Acetone	< 10.0	ug/L		4/30/2019 22:49
Benzene	< 1.00	ug/L		4/30/2019 22:49
Bromodichloromethane	< 2.00	ug/L		4/30/2019 22:49
Bromoform	< 5.00	ug/L		4/30/2019 22:49
Bromomethane	< 2.00	ug/L		4/30/2019 22:49
Carbon disulfide	< 2.00	ug/L		4/30/2019 22:49
Carbon Tetrachloride	< 2.00	ug/L		4/30/2019 22:49
Chlorobenzene	< 2.00	ug/L		4/30/2019 22:49
Chloroethane	< 2.00	ug/L		4/30/2019 22:49
Chloroform	< 2.00	ug/L		4/30/2019 22:49
Chloromethane	< 2.00	ug/L		4/30/2019 22:49
cis-1,2-Dichloroethene	< 2.00	ug/L		4/30/2019 22:49
cis-1,3-Dichloropropene	< 2.00	ug/L		4/30/2019 22:49
Dibromochloromethane	< 2.00	ug/L		4/30/2019 22:49
Ethylbenzene	< 2.00	ug/L		4/30/2019 22:49
Freon 113	< 2.00	ug/L		4/30/2019 22:49
m,p-Xylene	< 2.00	ug/L		4/30/2019 22:49

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL20SR		
Lab Sample ID:	191772-10	**Date Sampled:**	4/25/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 5.00	ug/L		4/30/2019 22:49
o-Xylene	< 2.00	ug/L		4/30/2019 22:49
Styrene	< 5.00	ug/L		4/30/2019 22:49
Tetrachloroethene	< 2.00	ug/L		4/30/2019 22:49
Toluene	< 2.00	ug/L		4/30/2019 22:49
trans-1,2-Dichloroethene	< 2.00	ug/L		4/30/2019 22:49
trans-1,3-Dichloropropene	< 2.00	ug/L		4/30/2019 22:49
Trichloroethene	< 2.00	ug/L		4/30/2019 22:49
Trichlorofluoromethane	< 2.00	ug/L		4/30/2019 22:49
Vinyl acetate	< 5.00	ug/L		4/30/2019 22:49
Vinyl chloride	< 2.00	ug/L		4/30/2019 22:49

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**100**	71.4 - 133		4/30/2019 22:49
4-Bromofluorobenzene	**76.5**	61.7 - 126		4/30/2019 22:49
Pentafluorobenzene	**98.3**	87.4 - 109		4/30/2019 22:49
Toluene-D8	**89.1**	82.3 - 112		4/30/2019 22:49

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60478.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL25D		
Lab Sample ID:	191772-11	**Date Sampled:**	4/25/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		4/30/2019 23:12
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		4/30/2019 23:12
1,1,2-Trichloroethane	< 2.00	ug/L		4/30/2019 23:12
1,1-Dichloroethane	< 2.00	ug/L		4/30/2019 23:12
1,1-Dichloroethene	< 2.00	ug/L		4/30/2019 23:12
1,2-Dichloroethane	< 2.00	ug/L		4/30/2019 23:12
1,2-Dichloropropane	< 2.00	ug/L		4/30/2019 23:12
2-Butanone	< 10.0	ug/L		4/30/2019 23:12
2-Chloroethyl vinyl Ether	< 5.00	ug/L		4/30/2019 23:12
2-Hexanone	< 5.00	ug/L		4/30/2019 23:12
4-Methyl-2-pentanone	< 5.00	ug/L		4/30/2019 23:12
Acetone	< 10.0	ug/L		4/30/2019 23:12
Benzene	< 1.00	ug/L		4/30/2019 23:12
Bromodichloromethane	< 2.00	ug/L		4/30/2019 23:12
Bromoform	< 5.00	ug/L		4/30/2019 23:12
Bromomethane	< 2.00	ug/L		4/30/2019 23:12
Carbon disulfide	< 2.00	ug/L		4/30/2019 23:12
Carbon Tetrachloride	< 2.00	ug/L		4/30/2019 23:12
Chlorobenzene	< 2.00	ug/L		4/30/2019 23:12
Chloroethane	< 2.00	ug/L		4/30/2019 23:12
Chloroform	< 2.00	ug/L		4/30/2019 23:12
Chloromethane	< 2.00	ug/L		4/30/2019 23:12
cis-1,2-Dichloroethene	**3.58**	ug/L		4/30/2019 23:12
cis-1,3-Dichloropropene	< 2.00	ug/L		4/30/2019 23:12
Dibromochloromethane	< 2.00	ug/L		4/30/2019 23:12
Ethylbenzene	< 2.00	ug/L		4/30/2019 23:12
Freon 113	< 2.00	ug/L		4/30/2019 23:12
m,p-Xylene	< 2.00	ug/L		4/30/2019 23:12

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL25D		
Lab Sample ID:	191772-11	**Date Sampled:**	4/25/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 5.00	ug/L		4/30/2019 23:12
o-Xylene	< 2.00	ug/L		4/30/2019 23:12
Styrene	< 5.00	ug/L		4/30/2019 23:12
Tetrachloroethene	< 2.00	ug/L		4/30/2019 23:12
Toluene	< 2.00	ug/L		4/30/2019 23:12
trans-1,2-Dichloroethene	< 2.00	ug/L		4/30/2019 23:12
trans-1,3-Dichloropropene	< 2.00	ug/L		4/30/2019 23:12
Trichloroethene	**14.6**	ug/L		4/30/2019 23:12
Trichlorofluoromethane	< 2.00	ug/L		4/30/2019 23:12
Vinyl acetate	< 5.00	ug/L		4/30/2019 23:12
Vinyl chloride	< 2.00	ug/L		4/30/2019 23:12

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**101**	71.4 - 133		4/30/2019 23:12
4-Bromofluorobenzene	**73.7**	61.7 - 126		4/30/2019 23:12
Pentafluorobenzene	**97.1**	87.4 - 109		4/30/2019 23:12
Toluene-D8	**84.9**	82.3 - 112		4/30/2019 23:12

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60479.D

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL16S		
Lab Sample ID:	191772-12	**Date Sampled:**	4/25/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 10.0	ug/L		4/30/2019 23:34
1,1,2,2-Tetrachloroethane	< 10.0	ug/L		4/30/2019 23:34
1,1,2-Trichloroethane	< 10.0	ug/L		4/30/2019 23:34
1,1-Dichloroethane	< 10.0	ug/L		4/30/2019 23:34
1,1-Dichloroethene	< 10.0	ug/L		4/30/2019 23:34
1,2-Dichloroethane	< 10.0	ug/L		4/30/2019 23:34
1,2-Dichloropropane	< 10.0	ug/L		4/30/2019 23:34
2-Butanone	< 50.0	ug/L		4/30/2019 23:34
2-Chloroethyl vinyl Ether	< 25.0	ug/L		4/30/2019 23:34
2-Hexanone	< 25.0	ug/L		4/30/2019 23:34
4-Methyl-2-pentanone	< 25.0	ug/L		4/30/2019 23:34
Acetone	< 50.0	ug/L		4/30/2019 23:34
Benzene	< 5.00	ug/L		4/30/2019 23:34
Bromodichloromethane	< 10.0	ug/L		4/30/2019 23:34
Bromoform	< 25.0	ug/L		4/30/2019 23:34
Bromomethane	< 10.0	ug/L		4/30/2019 23:34
Carbon disulfide	< 10.0	ug/L		4/30/2019 23:34
Carbon Tetrachloride	< 10.0	ug/L		4/30/2019 23:34
Chlorobenzene	< 10.0	ug/L		4/30/2019 23:34
Chloroethane	< 10.0	ug/L		4/30/2019 23:34
Chloroform	< 10.0	ug/L		4/30/2019 23:34
Chloromethane	< 10.0	ug/L		4/30/2019 23:34
cis-1,2-Dichloroethene	**14.4**	ug/L		4/30/2019 23:34
cis-1,3-Dichloropropene	< 10.0	ug/L		4/30/2019 23:34
Dibromochloromethane	< 10.0	ug/L		4/30/2019 23:34
Ethylbenzene	< 10.0	ug/L		4/30/2019 23:34
Freon 113	< 10.0	ug/L		4/30/2019 23:34
m,p-Xylene	< 10.0	ug/L		4/30/2019 23:34

PARADIGM ENVIRONMENTAL SERVICES, INC.

Lab Project ID: 191772

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL16S		
Lab Sample ID:	191772-12	**Date Sampled:**	4/25/2019
Matrix:	Groundwater	**Date Received:**	4/26/2019

Methylene chloride	< 25.0	ug/L		4/30/2019 23:34
o-Xylene	< 10.0	ug/L		4/30/2019 23:34
Styrene	< 25.0	ug/L		4/30/2019 23:34
Tetrachloroethene	< 10.0	ug/L		4/30/2019 23:34
Toluene	< 10.0	ug/L		4/30/2019 23:34
trans-1,2-Dichloroethene	< 10.0	ug/L		4/30/2019 23:34
trans-1,3-Dichloropropene	< 10.0	ug/L		4/30/2019 23:34
Trichloroethene	**199**	ug/L		4/30/2019 23:34
Trichlorofluoromethane	< 10.0	ug/L		4/30/2019 23:34
Vinyl acetate	< 25.0	ug/L		4/30/2019 23:34
Vinyl chloride	< 10.0	ug/L		4/30/2019 23:34

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**99.3**	71.4 - 133		4/30/2019 23:34
4-Bromofluorobenzene	**70.2**	61.7 - 126		4/30/2019 23:34
Pentafluorobenzene	**99.1**	87.4 - 109		4/30/2019 23:34
Toluene-D8	**86.5**	82.3 - 112		4/30/2019 23:34

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60480.D

Analytical Report Appendix

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

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

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

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

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

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

“<” = Analyzed for but not detected at or above the quantitation limit.
“E” = Result has been estimated, calibration limit exceeded.
“Z” = See case narrative.
“D” = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
“M” = Matrix spike recoveries outside QC limits. Matrix bias indicated.
“B” = Method blank contained trace levels of analyte. Refer to included method blank report.
“J” = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
“P” = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC.

REPORT TO:		INVOICE TO:		
CLIENT:	Bausch & Lomb	CLIENT:	Same	LAB PROJECT ID: 19772
ADDRESS:	1 Bausch & Lomb Place	ADDRESS:		
CITY:	Rochester STATE: NY ZIP: 14604	CITY:	STATE: ZIP:	Quotation #: MS 060302A
PHONE:	585-338-5037	PHONE:		Email: Frank.Chiappone@bausch.com
ATTN:	Frank Chiappone	ATTN:		

PROJECT REFERENCE

Semiannual Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Site Specific Volatiles	REMARKS	PARADIGM LAB SAMPLE NUMBER
4/23/19	7:40		X	EW120	WG	2	X		01
4/23/19	9:15		X	EW130	WG	2	X		02
4/23/19	9:47		X	EW140	WG	2	X		03
4/23/19	10:28		X	EW150	WG	2	X		04
4/23/19	11:09		X	EW160	WG	2	X		05
4/24/19	8:50		X	CH3D	WG	2	X		06
4/24/19	10:12		X	CH6D	WG	2	X		07
4/24/19	11:30		X	CH7	WG	2	X		08
4/25/19	8:51		X	BL25S	WG	2	X	Also email: Scott Powlin, Chris Kassel	09
4/25/19	10:06		X	BL20SR	WG	2	X		10

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B			
Rush 1 day					
Other (please indicate date needed: ____)		Other (please indicate package needed: ____)		Other EDD (please indicate EDD needed: ____)	

5°C iced 4/26/19 1126

Sampled By: [signature] Date/Time: 4/25/19 1:15

Relinquished By: [signature] Date/Time: 4/26/19 11:25

Received By: [signature] Date/Time: 4/26/19 11:25

Received @ Lab By: [signature] Date/Time: 4/26/19 1443

Total Cost:

P.I.F.

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

See additional page for sample conditions.

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

PARADIGM ENVIRONMENTAL SERVICES, INC.

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		
CLIENT:	Bausch & Lomb	CLIENT:	Same	LAB PROJECT ID
ADDRESS:	1 Bausch & Lomb Place	ADDRESS:		
CITY:	Rochester STATE: NY ZIP: 14604	CITY:	STATE: ZIP:	Quotation #: MS 060302A
PHONE:	585-338-5037	PHONE:		Email:
ATTN:	Frank Chiappone	ATTN:		Frank.Chiappone@bausch.com

PROJECT REFERENCE

Semiannual Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Site Specific Volatiles	REMARKS	PARADIGM LAB SAMPLE NUMBER
4/25/19	11:46		X	BL25D	WG	2	X		11
4/25/19	1:04		X	BL16S	WG	2	X		12
			X		WG	2	X		
			X		WG	2	X		
			X		WG	2	X		
			X		WG	2	X		
			X		WG	2	X		
			X		WG	2	X		
			X		WG	2	X		
			X		WG	2	X	Also email: Scott Powlin, Chris Kassel	
			X		WG	2	X		

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B			
Rush 1 day					
Other		Other		Other EDD	
please indicate date needed:		please indicate package needed:		please indicate EDD needed :	

Frank Chiappone — Sampled By — 4/25/19 1:15 — Date/Time

Frank Chiappone — Relinquished By — 4/26/19 11:25 — Date/Time

Received By — 4/26/19 11:25 — Date/Time

Received @ Lab By — 4/24/19 1126 — Date/Time

Total Cost:

P.I.F.

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

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: Bausch+lomb **Completed by:** Molly Kail

Lab Project ID: 191772 **Date:** 4/26/19

Sample Condition Requirements

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

Condition	*NELAC compliance with the sample condition requirements upon receipt* Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation		X	
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X 5°C ice		
Comments			
Sufficient Sample Quantity	X		
Comments			

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Bausch & Lomb

For Lab Project ID

190243

Referencing

Quarterly SPDES Monitoring

Prepared

Wednesday, January 23, 2019

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM

Lab Project ID: 190243

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier: Influent Grab
Lab Sample ID: 190243-01 **Date Sampled:** 1/16/2019
Matrix: Wastewater **Date Received:** 1/17/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		1/18/2019 12:54
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		1/18/2019 12:54
1,1,2-Trichloroethane	< 2.00	ug/L		1/18/2019 12:54
1,1-Dichloroethane	**3.51**	ug/L		1/18/2019 12:54
1,1-Dichloroethene	**2.02**	ug/L		1/18/2019 12:54
1,2-Dichloroethane	< 2.00	ug/L		1/18/2019 12:54
1,2-Dichloropropane	< 2.00	ug/L		1/18/2019 12:54
2-Butanone	< 10.0	ug/L		1/18/2019 12:54
2-Chloroethyl vinyl Ether	< 5.00	ug/L		1/18/2019 12:54
2-Hexanone	< 5.00	ug/L		1/18/2019 12:54
4-Methyl-2-pentanone	< 5.00	ug/L		1/18/2019 12:54
Acetone	< 10.0	ug/L		1/18/2019 12:54
Benzene	< 1.00	ug/L		1/18/2019 12:54
Bromodichloromethane	< 2.00	ug/L		1/18/2019 12:54
Bromoform	< 5.00	ug/L		1/18/2019 12:54
Bromomethane	< 2.00	ug/L		1/18/2019 12:54
Carbon disulfide	< 2.00	ug/L		1/18/2019 12:54
Carbon Tetrachloride	< 2.00	ug/L		1/18/2019 12:54
Chlorobenzene	< 2.00	ug/L		1/18/2019 12:54
Chloroethane	< 2.00	ug/L		1/18/2019 12:54
Chloroform	< 2.00	ug/L		1/18/2019 12:54
Chloromethane	< 2.00	ug/L		1/18/2019 12:54
cis-1,2-Dichloroethene	**42.1**	ug/L		1/18/2019 12:54
cis-1,3-Dichloropropene	< 2.00	ug/L		1/18/2019 12:54
Dibromochloromethane	< 2.00	ug/L		1/18/2019 12:54
Ethylbenzene	< 2.00	ug/L		1/18/2019 12:54
Freon 113	**11.4**	ug/L		1/18/2019 12:54
m,p-Xylene	< 2.00	ug/L		1/18/2019 12:54
Methylene chloride	< 5.00	ug/L		1/18/2019 12:54

Lab Project ID: 190243

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier: Influent Grab
Lab Sample ID: 190243-01 **Date Sampled:** 1/16/2019
Matrix: Wastewater **Date Received:** 1/17/2019

o-Xylene	< 2.00	ug/L	1/18/2019	12:54
Styrene	< 5.00	ug/L	1/18/2019	12:54
Tetrachloroethene	**2.20**	ug/L	1/18/2019	12:54
Toluene	< 2.00	ug/L	1/18/2019	12:54
trans-1,2-Dichloroethene	< 2.00	ug/L	1/18/2019	12:54
trans-1,3-Dichloropropene	< 2.00	ug/L	1/18/2019	12:54
Trichloroethene	**141**	ug/L	1/18/2019	12:54
Trichlorofluoromethane	< 2.00	ug/L	1/18/2019	12:54
Vinyl acetate	< 5.00	ug/L	1/18/2019	12:54
Vinyl chloride	< 2.00	ug/L	1/18/2019	12:54

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**94.9**	75.3 - 127		1/18/2019	12:54
4-Bromofluorobenzene	**82.8**	67.4 - 122		1/18/2019	12:54
Pentafluorobenzene	**103**	86.8 - 110		1/18/2019	12:54
Toluene-D8	**92.5**	85 - 112		1/18/2019	12:54

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x58198.D

Lab Project ID: 190243

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier: Effluent Grab
Lab Sample ID: 190243-02 **Date Sampled:** 1/16/2019
Matrix: Wastewater **Date Received:** 1/17/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	< 0.0500	mg/L		1/22/2019 16:15

Method Reference(s): EPA 200.7 Rev 4.4 (1994)
Preparation Date: 1/18/2019
Data File: 190122B

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		1/18/2019 11:46
1,1-Dichloroethane	< 2.00	ug/L		1/18/2019 11:46
1,1-Dichloroethene	< 2.00	ug/L		1/18/2019 11:46
cis-1,2-Dichloroethene	< 2.00	ug/L		1/18/2019 11:46
Freon 113	< 2.00	ug/L		1/18/2019 11:46
Trichloroethene	< 2.00	ug/L		1/18/2019 11:46
Vinyl chloride	< 2.00	ug/L		1/18/2019 11:46

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**95.2**	75.3 - 127		1/18/2019 11:46
4-Bromofluorobenzene	**80.0**	67.4 - 122		1/18/2019 11:46
Pentafluorobenzene	**98.6**	86.8 - 110		1/18/2019 11:46
Toluene-D8	**90.1**	85 - 112		1/18/2019 11:46

Method Reference(s): EPA 624.1
EPA 5030C
Data File: x58195.D

Analytical Report Appendix

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

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

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

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

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

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

“<” = Analyzed for but not detected at or above the quantitation limit.
“E” = Result has been estimated, calibration limit exceeded.
“Z” = See case narrative.
“D” = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
“M” = Matrix spike recoveries outside QC limits. Matrix bias indicated.
“B” = Method blank contained trace levels of analyte. Refer to included method blank report.
“J” = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
“P” = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997

CHAIN OF CUSTODY

1 of 2

REPORT TO:		INVOICE TO:			
COMPANY: Bausch & Lomb		COMPANY: SAME		LAB PROJECT #: 190243	CLIENT PROJECT #:
ADDRESS: 1 Bausch & Lomb Drive, 6th Floor		ADDRESS:			
CITY: Rochester	STATE: NY ZIP: 14604	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE: 338-5087	FAX: 338-0345	PHONE:	FAX:	STD	OTHER
PROJECT NAME/SITE NAME:	ATTN: Frank Chiappone	ATTN:		☐ 1 ☐ 2 ☐ 3 ☒ 5	☐
Quarterly SPDES Monitoring	COMMENTS: * With DEC EDD	Also email: Scott Powlin, Chris Kassel			

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	Site Specific 8260	Fe								REMARKS	PARADIGM LAB SAMPLE NUMBER				
1	1/16/19	12:37		X	Influent Grab	W	2	X													0	1
2	1/16/19	12:35		X	Effluent Grab	W	3	X	X												0	2
3																						
4																						
5																						
6					Report only 1,1-Dichloroethane; 1,1-Dichloroethene; cis-1,2-Dichloroethene; Freon 113; 1,1,1-Trichloroethane;																	
7					Trichloroethene; Vinyl Chloride on Effluent.																	
8																						
9																						
10																						

LAB USE ONLY BELOW THIS LINE

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

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments: 4°C cool 1/17/19 12:04		

Sampled By	1/16/19 12:40 Date/Time	Total Cost:
Relinquished By	1/17/19 11:13 Date/Time	
Received By	1/17/19 11:13 Date/Time	P.I.F.
Received @ Lab By	1/17/19 12:43 Date/Time	

Chain of Custody Supplement

Client: Bausch + Lomb **Completed by:** Glenn Pezzulo

Lab Project ID: 190243 **Date:** 1/17/19

Sample Condition Requirements

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

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	[X]	[ ]	[ ]
Comments			
Transferred to method-compliant container	[ ]	[ ]	[X]
Headspace (<1 mL)	[X] VOA	[ ]	[X]
Comments			
Preservation	[X] Metals	[ ]	[X]
Comments			
Chlorine Absent (<0.10 ppm per test strip)	[X]	[ ]	[X]
Comments	VOA; Cl⁻ neg.		
Holding Time	[X]	[ ]	[ ]
Comments			
Temperature	[X]	[ ]	[X] Metals
Comments	4°C iced		
Sufficient Sample Quantity	[X]	[ ]	[ ]
Comments			

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Bausch & Lomb

For Lab Project ID

191812

Referencing

Semiannual Monitoring

Prepared

Tuesday, May 7, 2019

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 9S		
Lab Sample ID:	191812-01	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 4.00	ug/L		5/1/2019 22:01
1,1,2,2-Tetrachloroethane	< 4.00	ug/L		5/1/2019 22:01
1,1,2-Trichloroethane	< 4.00	ug/L		5/1/2019 22:01
1,1-Dichloroethane	< 4.00	ug/L		5/1/2019 22:01
1,1-Dichloroethene	< 4.00	ug/L		5/1/2019 22:01
1,2-Dichloroethane	< 4.00	ug/L		5/1/2019 22:01
1,2-Dichloropropane	< 4.00	ug/L		5/1/2019 22:01
2-Butanone	< 20.0	ug/L		5/1/2019 22:01
2-Chloroethyl vinyl Ether	< 10.0	ug/L		5/1/2019 22:01
2-Hexanone	< 10.0	ug/L		5/1/2019 22:01
4-Methyl-2-pentanone	< 10.0	ug/L		5/1/2019 22:01
Acetone	< 20.0	ug/L		5/1/2019 22:01
Benzene	< 2.00	ug/L		5/1/2019 22:01
Bromodichloromethane	< 4.00	ug/L		5/1/2019 22:01
Bromoform	< 10.0	ug/L		5/1/2019 22:01
Bromomethane	< 4.00	ug/L		5/1/2019 22:01
Carbon disulfide	< 4.00	ug/L		5/1/2019 22:01
Carbon Tetrachloride	< 4.00	ug/L		5/1/2019 22:01
Chlorobenzene	< 4.00	ug/L		5/1/2019 22:01
Chloroethane	< 4.00	ug/L		5/1/2019 22:01
Chloroform	< 4.00	ug/L		5/1/2019 22:01
Chloromethane	< 4.00	ug/L		5/1/2019 22:01
cis-1,2-Dichloroethene	**56.6**	ug/L		5/1/2019 22:01
cis-1,3-Dichloropropene	< 4.00	ug/L		5/1/2019 22:01
Dibromochloromethane	< 4.00	ug/L		5/1/2019 22:01
Ethylbenzene	< 4.00	ug/L		5/1/2019 22:01
Freon 113	< 4.00	ug/L		5/1/2019 22:01
m,p-Xylene	< 4.00	ug/L		5/1/2019 22:01

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 9S		
Lab Sample ID:	191812-01	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Methylene chloride	< 10.0	ug/L	5/1/2019	22:01
o-Xylene	< 4.00	ug/L	5/1/2019	22:01
Styrene	< 10.0	ug/L	5/1/2019	22:01
Tetrachloroethene	< 4.00	ug/L	5/1/2019	22:01
Toluene	< 4.00	ug/L	5/1/2019	22:01
trans-1,2-Dichloroethene	**4.27**	ug/L	5/1/2019	22:01
trans-1,3-Dichloropropene	< 4.00	ug/L	5/1/2019	22:01
Trichloroethene	**11.9**	ug/L	5/1/2019	22:01
Trichlorofluoromethane	< 4.00	ug/L	5/1/2019	22:01
Vinyl acetate	< 10.0	ug/L	5/1/2019	22:01
Vinyl chloride	**105**	ug/L	5/1/2019	22:01

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**103**	71.4 - 133		5/1/2019	22:01
4-Bromofluorobenzene	**69.4**	61.7 - 126		5/1/2019	22:01
Pentafluorobenzene	**98.3**	87.4 - 109		5/1/2019	22:01
Toluene-D8	**85.1**	82.3 - 112		5/1/2019	22:01

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60512.D

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 9D		
Lab Sample ID:	191812-02	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/1/2019 21:16
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/1/2019 21:16
1,1,2-Trichloroethane	< 2.00	ug/L		5/1/2019 21:16
1,1-Dichloroethane	< 2.00	ug/L		5/1/2019 21:16
1,1-Dichloroethene	< 2.00	ug/L		5/1/2019 21:16
1,2-Dichloroethane	< 2.00	ug/L		5/1/2019 21:16
1,2-Dichloropropane	< 2.00	ug/L		5/1/2019 21:16
2-Butanone	< 10.0	ug/L		5/1/2019 21:16
2-Chloroethyl vinyl Ether	< 5.00	ug/L		5/1/2019 21:16
2-Hexanone	< 5.00	ug/L		5/1/2019 21:16
4-Methyl-2-pentanone	< 5.00	ug/L		5/1/2019 21:16
Acetone	< 10.0	ug/L		5/1/2019 21:16
Benzene	< 1.00	ug/L		5/1/2019 21:16
Bromodichloromethane	< 2.00	ug/L		5/1/2019 21:16
Bromoform	< 5.00	ug/L		5/1/2019 21:16
Bromomethane	< 2.00	ug/L		5/1/2019 21:16
Carbon disulfide	< 2.00	ug/L		5/1/2019 21:16
Carbon Tetrachloride	< 2.00	ug/L		5/1/2019 21:16
Chlorobenzene	< 2.00	ug/L		5/1/2019 21:16
Chloroethane	< 2.00	ug/L		5/1/2019 21:16
Chloroform	< 2.00	ug/L		5/1/2019 21:16
Chloromethane	< 2.00	ug/L		5/1/2019 21:16
cis-1,2-Dichloroethene	**53.0**	ug/L		5/1/2019 21:16
cis-1,3-Dichloropropene	< 2.00	ug/L		5/1/2019 21:16
Dibromochloromethane	< 2.00	ug/L		5/1/2019 21:16
Ethylbenzene	< 2.00	ug/L		5/1/2019 21:16
Freon 113	< 2.00	ug/L		5/1/2019 21:16
m,p-Xylene	< 2.00	ug/L		5/1/2019 21:16

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 9D		
Lab Sample ID:	191812-02	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Methylene chloride	< 5.00	ug/L		5/1/2019 21:16
o-Xylene	< 2.00	ug/L		5/1/2019 21:16
Styrene	< 5.00	ug/L		5/1/2019 21:16
Tetrachloroethene	< 2.00	ug/L		5/1/2019 21:16
Toluene	< 2.00	ug/L		5/1/2019 21:16
trans-1,2-Dichloroethene	< 2.00	ug/L		5/1/2019 21:16
trans-1,3-Dichloropropene	< 2.00	ug/L		5/1/2019 21:16
Trichloroethene	**63.2**	ug/L		5/1/2019 21:16
Trichlorofluoromethane	< 2.00	ug/L		5/1/2019 21:16
Vinyl acetate	< 5.00	ug/L		5/1/2019 21:16
Vinyl chloride	**7.97**	ug/L		5/1/2019 21:16

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**97.8**	71.4 - 133		5/1/2019 21:16
4-Bromofluorobenzene	**74.5**	61.7 - 126		5/1/2019 21:16
Pentafluorobenzene	**102**	87.4 - 109		5/1/2019 21:16
Toluene-D8	**87.9**	82.3 - 112		5/1/2019 21:16

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60510.D

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 14S		
Lab Sample ID:	191812-03	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/1/2019 21:38
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/1/2019 21:38
1,1,2-Trichloroethane	< 2.00	ug/L		5/1/2019 21:38
1,1-Dichloroethane	< 2.00	ug/L		5/1/2019 21:38
1,1-Dichloroethene	< 2.00	ug/L		5/1/2019 21:38
1,2-Dichloroethane	< 2.00	ug/L		5/1/2019 21:38
1,2-Dichloropropane	< 2.00	ug/L		5/1/2019 21:38
2-Butanone	< 10.0	ug/L		5/1/2019 21:38
2-Chloroethyl vinyl Ether	< 5.00	ug/L		5/1/2019 21:38
2-Hexanone	< 5.00	ug/L		5/1/2019 21:38
4-Methyl-2-pentanone	< 5.00	ug/L		5/1/2019 21:38
Acetone	< 10.0	ug/L		5/1/2019 21:38
Benzene	< 1.00	ug/L		5/1/2019 21:38
Bromodichloromethane	< 2.00	ug/L		5/1/2019 21:38
Bromoform	< 5.00	ug/L		5/1/2019 21:38
Bromomethane	< 2.00	ug/L		5/1/2019 21:38
Carbon disulfide	< 2.00	ug/L		5/1/2019 21:38
Carbon Tetrachloride	< 2.00	ug/L		5/1/2019 21:38
Chlorobenzene	< 2.00	ug/L		5/1/2019 21:38
Chloroethane	< 2.00	ug/L		5/1/2019 21:38
Chloroform	< 2.00	ug/L		5/1/2019 21:38
Chloromethane	< 2.00	ug/L		5/1/2019 21:38
cis-1,2-Dichloroethene	< 2.00	ug/L		5/1/2019 21:38
cis-1,3-Dichloropropene	< 2.00	ug/L		5/1/2019 21:38
Dibromochloromethane	< 2.00	ug/L		5/1/2019 21:38
Ethylbenzene	< 2.00	ug/L		5/1/2019 21:38
Freon 113	< 2.00	ug/L		5/1/2019 21:38
m,p-Xylene	< 2.00	ug/L		5/1/2019 21:38

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 14S		
Lab Sample ID:	191812-03	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Methylene chloride	< 5.00	ug/L		5/1/2019 21:38
o-Xylene	< 2.00	ug/L		5/1/2019 21:38
Styrene	< 5.00	ug/L		5/1/2019 21:38
Tetrachloroethene	< 2.00	ug/L		5/1/2019 21:38
Toluene	< 2.00	ug/L		5/1/2019 21:38
trans-1,2-Dichloroethene	< 2.00	ug/L		5/1/2019 21:38
trans-1,3-Dichloropropene	< 2.00	ug/L		5/1/2019 21:38
Trichloroethene	< 2.00	ug/L		5/1/2019 21:38
Trichlorofluoromethane	< 2.00	ug/L		5/1/2019 21:38
Vinyl acetate	< 5.00	ug/L		5/1/2019 21:38
Vinyl chloride	< 2.00	ug/L		5/1/2019 21:38

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**104**	71.4 - 133		5/1/2019 21:38
4-Bromofluorobenzene	**71.6**	61.7 - 126		5/1/2019 21:38
Pentafluorobenzene	**96.8**	87.4 - 109		5/1/2019 21:38
Toluene-D8	**83.7**	82.3 - 112		5/1/2019 21:38

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60511.D

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 14D		
Lab Sample ID:	191812-04	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/6/2019 14:13
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/6/2019 14:13
1,1,2-Trichloroethane	< 2.00	ug/L		5/6/2019 14:13
1,1-Dichloroethane	< 2.00	ug/L		5/6/2019 14:13
1,1-Dichloroethene	< 2.00	ug/L		5/6/2019 14:13
1,2-Dichloroethane	< 2.00	ug/L		5/6/2019 14:13
1,2-Dichloropropane	< 2.00	ug/L		5/6/2019 14:13
2-Butanone	< 10.0	ug/L		5/6/2019 14:13
2-Chloroethyl vinyl Ether	< 5.00	ug/L		5/6/2019 14:13
2-Hexanone	< 5.00	ug/L		5/6/2019 14:13
4-Methyl-2-pentanone	< 5.00	ug/L		5/6/2019 14:13
Acetone	< 10.0	ug/L		5/6/2019 14:13
Benzene	< 1.00	ug/L		5/6/2019 14:13
Bromodichloromethane	< 2.00	ug/L		5/6/2019 14:13
Bromoform	< 5.00	ug/L		5/6/2019 14:13
Bromomethane	< 2.00	ug/L		5/6/2019 14:13
Carbon disulfide	< 2.00	ug/L		5/6/2019 14:13
Carbon Tetrachloride	< 2.00	ug/L		5/6/2019 14:13
Chlorobenzene	< 2.00	ug/L		5/6/2019 14:13
Chloroethane	< 2.00	ug/L		5/6/2019 14:13
Chloroform	< 2.00	ug/L		5/6/2019 14:13
Chloromethane	< 2.00	ug/L		5/6/2019 14:13
cis-1,2-Dichloroethene	< 2.00	ug/L		5/6/2019 14:13
cis-1,3-Dichloropropene	< 2.00	ug/L		5/6/2019 14:13
Dibromochloromethane	< 2.00	ug/L		5/6/2019 14:13
Ethylbenzene	< 2.00	ug/L		5/6/2019 14:13
Freon 113	< 2.00	ug/L		5/6/2019 14:13
m,p-Xylene	< 2.00	ug/L		5/6/2019 14:13

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 14D		
Lab Sample ID:	191812-04	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Methylene chloride	< 5.00	ug/L		5/6/2019 14:13
o-Xylene	< 2.00	ug/L		5/6/2019 14:13
Styrene	< 5.00	ug/L		5/6/2019 14:13
Tetrachloroethene	< 2.00	ug/L		5/6/2019 14:13
Toluene	< 2.00	ug/L		5/6/2019 14:13
trans-1,2-Dichloroethene	< 2.00	ug/L		5/6/2019 14:13
trans-1,3-Dichloropropene	< 2.00	ug/L		5/6/2019 14:13
Trichloroethene	< 2.00	ug/L		5/6/2019 14:13
Trichlorofluoromethane	< 2.00	ug/L		5/6/2019 14:13
Vinyl acetate	< 5.00	ug/L		5/6/2019 14:13
Vinyl chloride	< 2.00	ug/L		5/6/2019 14:13

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**102**	71.4 - 133		5/6/2019 14:13
4-Bromofluorobenzene	**66.7**	61.7 - 126		5/6/2019 14:13
Pentafluorobenzene	**96.6**	87.4 - 109		5/6/2019 14:13
Toluene-D8	**83.6**	82.3 - 112		5/6/2019 14:13

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60595.D

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 18S		
Lab Sample ID:	191812-05	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/6/2019 14:36
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/6/2019 14:36
1,1,2-Trichloroethane	< 2.00	ug/L		5/6/2019 14:36
1,1-Dichloroethane	< 2.00	ug/L		5/6/2019 14:36
1,1-Dichloroethene	< 2.00	ug/L		5/6/2019 14:36
1,2-Dichloroethane	< 2.00	ug/L		5/6/2019 14:36
1,2-Dichloropropane	< 2.00	ug/L		5/6/2019 14:36
2-Butanone	< 10.0	ug/L		5/6/2019 14:36
2-Chloroethyl vinyl Ether	< 5.00	ug/L		5/6/2019 14:36
2-Hexanone	< 5.00	ug/L		5/6/2019 14:36
4-Methyl-2-pentanone	< 5.00	ug/L		5/6/2019 14:36
Acetone	< 10.0	ug/L		5/6/2019 14:36
Benzene	< 1.00	ug/L		5/6/2019 14:36
Bromodichloromethane	< 2.00	ug/L		5/6/2019 14:36
Bromoform	< 5.00	ug/L		5/6/2019 14:36
Bromomethane	< 2.00	ug/L		5/6/2019 14:36
Carbon disulfide	< 2.00	ug/L		5/6/2019 14:36
Carbon Tetrachloride	< 2.00	ug/L		5/6/2019 14:36
Chlorobenzene	< 2.00	ug/L		5/6/2019 14:36
Chloroethane	< 2.00	ug/L		5/6/2019 14:36
Chloroform	< 2.00	ug/L		5/6/2019 14:36
Chloromethane	< 2.00	ug/L		5/6/2019 14:36
cis-1,2-Dichloroethene	< 2.00	ug/L		5/6/2019 14:36
cis-1,3-Dichloropropene	< 2.00	ug/L		5/6/2019 14:36
Dibromochloromethane	< 2.00	ug/L		5/6/2019 14:36
Ethylbenzene	< 2.00	ug/L		5/6/2019 14:36
Freon 113	< 2.00	ug/L		5/6/2019 14:36
m,p-Xylene	< 2.00	ug/L		5/6/2019 14:36

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 18S		
Lab Sample ID:	191812-05	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Methylene chloride	< 5.00	ug/L		5/6/2019 14:36
o-Xylene	< 2.00	ug/L		5/6/2019 14:36
Styrene	< 5.00	ug/L		5/6/2019 14:36
Tetrachloroethene	< 2.00	ug/L		5/6/2019 14:36
Toluene	< 2.00	ug/L		5/6/2019 14:36
trans-1,2-Dichloroethene	< 2.00	ug/L		5/6/2019 14:36
trans-1,3-Dichloropropene	< 2.00	ug/L		5/6/2019 14:36
Trichloroethene	< 2.00	ug/L		5/6/2019 14:36
Trichlorofluoromethane	< 2.00	ug/L		5/6/2019 14:36
Vinyl acetate	< 5.00	ug/L		5/6/2019 14:36
Vinyl chloride	< 2.00	ug/L		5/6/2019 14:36

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**102**	71.4 - 133		5/6/2019 14:36
4-Bromofluorobenzene	**69.3**	61.7 - 126		5/6/2019 14:36
Pentafluorobenzene	**92.7**	87.4 - 109		5/6/2019 14:36
Toluene-D8	**85.3**	82.3 - 112		5/6/2019 14:36

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60596.D

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 17D		
Lab Sample ID:	191812-06	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/6/2019 14:59
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/6/2019 14:59
1,1,2-Trichloroethane	< 2.00	ug/L		5/6/2019 14:59
1,1-Dichloroethane	< 2.00	ug/L		5/6/2019 14:59
1,1-Dichloroethene	< 2.00	ug/L		5/6/2019 14:59
1,2-Dichloroethane	< 2.00	ug/L		5/6/2019 14:59
1,2-Dichloropropane	< 2.00	ug/L		5/6/2019 14:59
2-Butanone	< 10.0	ug/L		5/6/2019 14:59
2-Chloroethyl vinyl Ether	< 5.00	ug/L		5/6/2019 14:59
2-Hexanone	< 5.00	ug/L		5/6/2019 14:59
4-Methyl-2-pentanone	< 5.00	ug/L		5/6/2019 14:59
Acetone	< 10.0	ug/L		5/6/2019 14:59
Benzene	< 1.00	ug/L		5/6/2019 14:59
Bromodichloromethane	< 2.00	ug/L		5/6/2019 14:59
Bromoform	< 5.00	ug/L		5/6/2019 14:59
Bromomethane	< 2.00	ug/L		5/6/2019 14:59
Carbon disulfide	< 2.00	ug/L		5/6/2019 14:59
Carbon Tetrachloride	< 2.00	ug/L		5/6/2019 14:59
Chlorobenzene	< 2.00	ug/L		5/6/2019 14:59
Chloroethane	< 2.00	ug/L		5/6/2019 14:59
Chloroform	< 2.00	ug/L		5/6/2019 14:59
Chloromethane	< 2.00	ug/L		5/6/2019 14:59
cis-1,2-Dichloroethene	< 2.00	ug/L		5/6/2019 14:59
cis-1,3-Dichloropropene	< 2.00	ug/L		5/6/2019 14:59
Dibromochloromethane	< 2.00	ug/L		5/6/2019 14:59
Ethylbenzene	< 2.00	ug/L		5/6/2019 14:59
Freon 113	< 2.00	ug/L		5/6/2019 14:59
m,p-Xylene	< 2.00	ug/L		5/6/2019 14:59

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 17D		
Lab Sample ID:	191812-06	**Date Sampled:**	4/29/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Methylene chloride	< 5.00	ug/L		5/6/2019 14:59
o-Xylene	< 2.00	ug/L		5/6/2019 14:59
Styrene	< 5.00	ug/L		5/6/2019 14:59
Tetrachloroethene	< 2.00	ug/L		5/6/2019 14:59
Toluene	< 2.00	ug/L		5/6/2019 14:59
trans-1,2-Dichloroethene	< 2.00	ug/L		5/6/2019 14:59
trans-1,3-Dichloropropene	< 2.00	ug/L		5/6/2019 14:59
Trichloroethene	< 2.00	ug/L		5/6/2019 14:59
Trichlorofluoromethane	< 2.00	ug/L		5/6/2019 14:59
Vinyl acetate	< 5.00	ug/L		5/6/2019 14:59
Vinyl chloride	< 2.00	ug/L		5/6/2019 14:59

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**102**	71.4 - 133		5/6/2019 14:59
4-Bromofluorobenzene	**69.5**	61.7 - 126		5/6/2019 14:59
Pentafluorobenzene	**91.7**	87.4 - 109		5/6/2019 14:59
Toluene-D8	**85.0**	82.3 - 112		5/6/2019 14:59

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60597.D

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 8R		
Lab Sample ID:	191812-07	**Date Sampled:**	4/30/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/6/2019 15:21
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/6/2019 15:21
1,1,2-Trichloroethane	< 2.00	ug/L		5/6/2019 15:21
1,1-Dichloroethane	< 2.00	ug/L		5/6/2019 15:21
1,1-Dichloroethene	< 2.00	ug/L		5/6/2019 15:21
1,2-Dichloroethane	< 2.00	ug/L		5/6/2019 15:21
1,2-Dichloropropane	< 2.00	ug/L		5/6/2019 15:21
2-Butanone	< 10.0	ug/L		5/6/2019 15:21
2-Chloroethyl vinyl Ether	< 5.00	ug/L		5/6/2019 15:21
2-Hexanone	< 5.00	ug/L		5/6/2019 15:21
4-Methyl-2-pentanone	< 5.00	ug/L		5/6/2019 15:21
Acetone	< 10.0	ug/L		5/6/2019 15:21
Benzene	< 1.00	ug/L		5/6/2019 15:21
Bromodichloromethane	< 2.00	ug/L		5/6/2019 15:21
Bromoform	< 5.00	ug/L		5/6/2019 15:21
Bromomethane	< 2.00	ug/L		5/6/2019 15:21
Carbon disulfide	< 2.00	ug/L		5/6/2019 15:21
Carbon Tetrachloride	< 2.00	ug/L		5/6/2019 15:21
Chlorobenzene	< 2.00	ug/L		5/6/2019 15:21
Chloroethane	< 2.00	ug/L		5/6/2019 15:21
Chloroform	< 2.00	ug/L		5/6/2019 15:21
Chloromethane	< 2.00	ug/L		5/6/2019 15:21
cis-1,2-Dichloroethene	< 2.00	ug/L		5/6/2019 15:21
cis-1,3-Dichloropropene	< 2.00	ug/L		5/6/2019 15:21
Dibromochloromethane	< 2.00	ug/L		5/6/2019 15:21
Ethylbenzene	< 2.00	ug/L		5/6/2019 15:21
Freon 113	< 2.00	ug/L		5/6/2019 15:21
m,p-Xylene	< 2.00	ug/L		5/6/2019 15:21

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 8R		
Lab Sample ID:	191812-07	**Date Sampled:**	4/30/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Methylene chloride	< 5.00	ug/L		5/6/2019 15:21
o-Xylene	< 2.00	ug/L		5/6/2019 15:21
Styrene	< 5.00	ug/L		5/6/2019 15:21
Tetrachloroethene	< 2.00	ug/L		5/6/2019 15:21
Toluene	< 2.00	ug/L		5/6/2019 15:21
trans-1,2-Dichloroethene	< 2.00	ug/L		5/6/2019 15:21
trans-1,3-Dichloropropene	< 2.00	ug/L		5/6/2019 15:21
Trichloroethene	< 2.00	ug/L		5/6/2019 15:21
Trichlorofluoromethane	< 2.00	ug/L		5/6/2019 15:21
Vinyl acetate	< 5.00	ug/L		5/6/2019 15:21
Vinyl chloride	< 2.00	ug/L		5/6/2019 15:21

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**106**	71.4 - 133		5/6/2019 15:21
4-Bromofluorobenzene	**66.4**	61.7 - 126		5/6/2019 15:21
Pentafluorobenzene	**89.8**	87.4 - 109		5/6/2019 15:21
Toluene-D8	**83.3**	82.3 - 112		5/6/2019 15:21

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60598.D

PARADIGM

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 1		
Lab Sample ID:	191812-08	**Date Sampled:**	4/30/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/6/2019 15:44
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/6/2019 15:44
1,1,2-Trichloroethane	< 2.00	ug/L		5/6/2019 15:44
1,1-Dichloroethane	< 2.00	ug/L		5/6/2019 15:44
1,1-Dichloroethene	< 2.00	ug/L		5/6/2019 15:44
1,2-Dichloroethane	< 2.00	ug/L		5/6/2019 15:44
1,2-Dichloropropane	< 2.00	ug/L		5/6/2019 15:44
2-Butanone	< 10.0	ug/L		5/6/2019 15:44
2-Chloroethyl vinyl Ether	< 5.00	ug/L		5/6/2019 15:44
2-Hexanone	< 5.00	ug/L		5/6/2019 15:44
4-Methyl-2-pentanone	< 5.00	ug/L		5/6/2019 15:44
Acetone	< 10.0	ug/L		5/6/2019 15:44
Benzene	< 1.00	ug/L		5/6/2019 15:44
Bromodichloromethane	< 2.00	ug/L		5/6/2019 15:44
Bromoform	< 5.00	ug/L		5/6/2019 15:44
Bromomethane	< 2.00	ug/L		5/6/2019 15:44
Carbon disulfide	< 2.00	ug/L		5/6/2019 15:44
Carbon Tetrachloride	< 2.00	ug/L		5/6/2019 15:44
Chlorobenzene	< 2.00	ug/L		5/6/2019 15:44
Chloroethane	< 2.00	ug/L		5/6/2019 15:44
Chloroform	< 2.00	ug/L		5/6/2019 15:44
Chloromethane	< 2.00	ug/L		5/6/2019 15:44
cis-1,2-Dichloroethene	< 2.00	ug/L		5/6/2019 15:44
cis-1,3-Dichloropropene	< 2.00	ug/L		5/6/2019 15:44
Dibromochloromethane	< 2.00	ug/L		5/6/2019 15:44
Ethylbenzene	< 2.00	ug/L		5/6/2019 15:44
Freon 113	< 2.00	ug/L		5/6/2019 15:44
m,p-Xylene	< 2.00	ug/L		5/6/2019 15:44

Lab Project ID: 191812

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 1		
Lab Sample ID:	191812-08	**Date Sampled:**	4/30/2019
Matrix:	Groundwater	**Date Received:**	4/30/2019

Methylene chloride	< 5.00	ug/L		5/6/2019 15:44
o-Xylene	< 2.00	ug/L		5/6/2019 15:44
Styrene	< 5.00	ug/L		5/6/2019 15:44
Tetrachloroethene	< 2.00	ug/L		5/6/2019 15:44
Toluene	< 2.00	ug/L		5/6/2019 15:44
trans-1,2-Dichloroethene	< 2.00	ug/L		5/6/2019 15:44
trans-1,3-Dichloropropene	< 2.00	ug/L		5/6/2019 15:44
Trichloroethene	< 2.00	ug/L		5/6/2019 15:44
Trichlorofluoromethane	< 2.00	ug/L		5/6/2019 15:44
Vinyl acetate	< 5.00	ug/L		5/6/2019 15:44
Vinyl chloride	< 2.00	ug/L		5/6/2019 15:44

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**105**	71.4 - 133		5/6/2019 15:44
4-Bromofluorobenzene	**70.7**	61.7 - 126		5/6/2019 15:44
Pentafluorobenzene	**88.0**	87.4 - 109		5/6/2019 15:44
Toluene-D8	**84.9**	82.3 - 112		5/6/2019 15:44

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60599.D

Analytical Report Appendix

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

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

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

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

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“<” = Analyzed for but not detected at or above the quantitation limit.
“E” = Result has been estimated, calibration limit exceeded.
“Z” = See case narrative.
“D” = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
“M” = Matrix spike recoveries outside QC limits. Matrix bias indicated.
“B” = Method blank contained trace levels of analyte. Refer to included method blank report.
“J” = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
“P” = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
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Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

1 of 2

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:		
CLIENT:	Bausch & Lomb	CLIENT:	Same	LAB PROJECT ID: 191812
ADDRESS:	1 Bausch & Lomb Place	ADDRESS:		
CITY:	Rochester STATE: NY ZIP: 14604	CITY:	STATE: ZIP:	Quotation #: MS 060302A
PHONE:	585-338-5037	PHONE:		Email: Frank.Chiappone@bausch.com
ATTN:	Frank Chiappone	ATTN:		

PROJECT REFERENCE

Semiannual Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Site Specific Volatiles	REMARKS	PARADIGM LAB SAMPLE NUMBER
4/29/19	10:35		X	BL9S	WG	2	X		01
4/29/19	11:20		X	BL9D	WG	2	X		02
4/29/19	1:06		X	BL14S	WG	2	X		03
4/29/19	2:00		X	BL14D	WG	2	X		04
4/29/19	2:42		X	BL18S	WG	2	X		05
4/29/19	3:28		X	BL17D	WG	2	X		06
4/30/19	8:28		X	BL8R	WG	2	X		07
4/30/19	9:56		X	BL1	WG	2	X		08
			X		WG	2	X	Also email: Scott Powlin, Chris Kassel	
			X		WG	2	X		

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B			
Rush 1 day					
Other (please indicate date needed: ____)		Other (please indicate package needed: ____)		Other EDD (please indicate EDD needed: ____)	

Sampled By: Frank Chiappone 4/30/19 10:05 (Date/Time)

Relinquished By: Frank Chiappone 4/30/19 10:53 (Date/Time)

Received By: Rebecca Rock 4/30/19 1053 (Date/Time)

Received @ Lab By: [signature] 4/30/19 11:51 (Date/Time)

4 °C iced 4/30/19 11:41

Total Cost:

P.I.F.

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

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: Bausch + Lomb **Completed by:** Glenn Peczulo

Lab Project ID: 191812 **Date:** 5/1/19

Sample Condition Requirements

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

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		
Comments	4°C iced		
Sufficient Sample Quantity	X		
Comments			

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Bausch & Lomb

For Lab Project ID

191811

Referencing

Quarterly SPDES Monitoring

Prepared

Wednesday, May 8, 2019

This project is being re-issued as the data for the Volatile analysis did not correspond with the associated samples, due to mislabeled sample vials.

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM

Lab Project ID: 191811

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier:	Influent Grab		
Lab Sample ID:	191811-01	**Date Sampled:**	4/29/2019
Matrix:	Water	**Date Received:**	4/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/1/2019 20:53
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		5/1/2019 20:53
1,1,2-Trichloroethane	< 2.00	ug/L		5/1/2019 20:53
1,1-Dichloroethane	**2.94**	ug/L		5/1/2019 20:53
1,1-Dichloroethene	< 2.00	ug/L		5/1/2019 20:53
1,2-Dichloroethane	< 2.00	ug/L		5/1/2019 20:53
1,2-Dichloropropane	< 2.00	ug/L		5/1/2019 20:53
2-Butanone	< 10.0	ug/L		5/1/2019 20:53
2-Chloroethyl vinyl Ether	< 10.0	ug/L		5/1/2019 20:53
2-Hexanone	< 5.00	ug/L		5/1/2019 20:53
4-Methyl-2-pentanone	< 5.00	ug/L		5/1/2019 20:53
Acetone	< 10.0	ug/L		5/1/2019 20:53
Benzene	< 1.00	ug/L		5/1/2019 20:53
Bromodichloromethane	< 2.00	ug/L		5/1/2019 20:53
Bromoform	< 5.00	ug/L		5/1/2019 20:53
Bromomethane	< 2.00	ug/L		5/1/2019 20:53
Carbon disulfide	< 2.00	ug/L		5/1/2019 20:53
Carbon Tetrachloride	< 2.00	ug/L		5/1/2019 20:53
Chlorobenzene	< 2.00	ug/L		5/1/2019 20:53
Chloroethane	< 2.00	ug/L		5/1/2019 20:53
Chloroform	< 2.00	ug/L		5/1/2019 20:53
Chloromethane	< 2.00	ug/L		5/1/2019 20:53
cis-1,2-Dichloroethene	**52.0**	ug/L		5/1/2019 20:53
cis-1,3-Dichloropropene	< 2.00	ug/L		5/1/2019 20:53
Dibromochloromethane	< 2.00	ug/L		5/1/2019 20:53
Ethylbenzene	< 2.00	ug/L		5/1/2019 20:53
Freon 113	**9.32**	ug/L		5/1/2019 20:53
m,p-Xylene	< 2.00	ug/L		5/1/2019 20:53

PARADIGM

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Sample Identifier:	Influent Grab		
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Methylene chloride	< 5.00	ug/L		5/1/2019 20:53
o-Xylene	< 2.00	ug/L		5/1/2019 20:53
Styrene	< 5.00	ug/L		5/1/2019 20:53
Tetrachloroethene	< 2.00	ug/L		5/1/2019 20:53
Toluene	< 2.00	ug/L		5/1/2019 20:53
trans-1,2-Dichloroethene	< 2.00	ug/L		5/1/2019 20:53
trans-1,3-Dichloropropene	< 2.00	ug/L		5/1/2019 20:53
Trichloroethene	**129**	ug/L		5/1/2019 20:53
Trichlorofluoromethane	< 2.00	ug/L		5/1/2019 20:53
Vinyl acetate	< 5.00	ug/L		5/1/2019 20:53
Vinyl chloride	**2.28**	ug/L		5/1/2019 20:53

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**101**	71.4 - 133		5/1/2019 20:53
4-Bromofluorobenzene	**73.8**	61.7 - 126		5/1/2019 20:53
Pentafluorobenzene	**103**	87.4 - 109		5/1/2019 20:53
Toluene-D8	**87.7**	82.3 - 112		5/1/2019 20:53

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x60509.D

PARADIGM

Lab Project ID: 191811

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier:	Effluent Grab		
Lab Sample ID:	191811-02	**Date Sampled:**	4/29/2019
Matrix:	Water	**Date Received:**	4/30/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	< 0.100	mg/L		5/3/2019 16:52

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 5/1/2019
Data File: 190503B

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		5/1/2019 20:31
1,1-Dichloroethane	< 2.00	ug/L		5/1/2019 20:31
1,1-Dichloroethene	< 2.00	ug/L		5/1/2019 20:31
cis-1,2-Dichloroethene	< 2.00	ug/L		5/1/2019 20:31
Freon 113	< 2.00	ug/L		5/1/2019 20:31
Trichloroethene	< 2.00	ug/L		5/1/2019 20:31
Vinyl chloride	< 2.00	ug/L		5/1/2019 20:31

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**94.8**	71.4 - 133		5/1/2019 20:31
4-Bromofluorobenzene	**89.3**	61.7 - 126		5/1/2019 20:31
Pentafluorobenzene	**95.3**	87.4 - 109		5/1/2019 20:31
Toluene-D8	**88.5**	82.3 - 112		5/1/2019 20:31

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x60508.D

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LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997

CHAIN OF CUSTODY

1 of 2

REPORT TO:		INVOICE TO:	
COMPANY:	Bausch & Lomb	COMPANY:	SAME
ADDRESS:	1 Bausch & Lomb Drive, 6th Floor	ADDRESS:	
CITY:	Rochester STATE: NY ZIP: 14604	CITY: STATE: ZIP:	
PHONE:	338-5087 FAX: 338-0345	PHONE: FAX:	
ATTN:	Frank Chiappone	ATTN:	

LAB PROJECT #: 191811
CLIENT PROJECT #:
TURNAROUND TIME: (WORKING DAYS) STD OTHER
☐ 1 ☐ 2 ☐ 3 ☒ 5 ☐

PROJECT NAME/SITE NAME: Quarterly SPDES Monitoring

COMMENTS: * With DEC EDD Also email: Scott Powlin, Chris Kassel

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	Site Specific 8260	Fe									REMARKS	PARADIGM LAB SAMPLE NUMBER				
1	4/29/19	3:50		X	Influent Grab	W	2	X														0	1
2	4/29/19	3:54		X	Effluent Grab	W	3	X	X													0	2
3																							
4																							
5																							
6					Report only 1,1-Dichloroethane; 1,1-Dichloroethene; cis-1,2-Dichloroethene; Freon 113; 1,1,1-Trichloroethane;																		
7					Trichloroethene; Vinyl Chloride on Effluent.																		
8																							
9																							
10																							

LAB USE ONLY BELOW THIS LINE

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

Receipt Parameter	NELAC Compliance	
Container Type:	Y ☐	N ☐
Comments:		
Preservation:	Y ☐	N ☐
Comments:		
Holding Time:	Y ☐	N ☐
Comments:		
Temperature:	Y ☐	N ☐
Comments: 4°C iced 4/30/19 11:41		

Sampled By — Date/Time: 4/29/19 4:00
Relinquished By — Date/Time: 4/30/19 10:53
Received By — Date/Time: 4/30/19 1053
Received @ Lab By — Date/Time: 4/30/19 11:46

Total Cost:

P.I.F.

PARADIGM

Chain of Custody Supplement

Client: Bausch & Lomb **Completed by:** Glenn Perrulo

Lab Project ID: 191811 **Date:** 5/1/19

Sample Condition Requirements

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

Condition	NELAC compliance with the sample condition requirements upon receipt Yes	No	N/A
Container Type	[X]	[ ]	[ ]
Comments			
Transferred to method-compliant container	[ ]	[ ]	[X]
Headspace (<1 mL)	[X] VOA	[ ]	[X]
Comments			
Preservation	[X] metals	[ ]	[X]
Comments			
Chlorine Absent (<0.10 ppm per test strip)	[ ]	[ ]	[X]
Comments			
Holding Time	[X]	[ ]	[ ]
Comments			
Temperature	[X]	[ ]	[X] metals
Comments	4°C iced		
Sufficient Sample Quantity	[X]	[ ]	[ ]
Comments			

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Bausch & Lomb

For Lab Project ID

193213

Referencing

Quarterly SPDES Monitoring

Prepared

Wednesday, July 17, 2019

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

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

PARADIGM

Lab Project ID: 193213

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier:	Influent Grab		
Lab Sample ID:	193213-01	**Date Sampled:**	7/9/2019
Matrix:	Water	**Date Received:**	7/10/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		7/12/2019 20:57
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		7/12/2019 20:57
1,1,2-Trichloroethane	< 2.00	ug/L		7/12/2019 20:57
1,1-Dichloroethane	**2.22**	ug/L		7/12/2019 20:57
1,1-Dichloroethene	< 2.00	ug/L		7/12/2019 20:57
1,2-Dichloroethane	< 2.00	ug/L		7/12/2019 20:57
1,2-Dichloropropane	< 2.00	ug/L		7/12/2019 20:57
2-Butanone	< 10.0	ug/L		7/12/2019 20:57
2-Chloroethyl vinyl Ether	< 10.0	ug/L		7/12/2019 20:57
2-Hexanone	< 5.00	ug/L		7/12/2019 20:57
4-Methyl-2-pentanone	< 5.00	ug/L		7/12/2019 20:57
Acetone	< 10.0	ug/L		7/12/2019 20:57
Benzene	< 1.00	ug/L		7/12/2019 20:57
Bromodichloromethane	< 2.00	ug/L		7/12/2019 20:57
Bromoform	< 5.00	ug/L		7/12/2019 20:57
Bromomethane	< 2.00	ug/L		7/12/2019 20:57
Carbon disulfide	< 2.00	ug/L		7/12/2019 20:57
Carbon Tetrachloride	< 2.00	ug/L		7/12/2019 20:57
Chlorobenzene	< 2.00	ug/L		7/12/2019 20:57
Chloroethane	< 2.00	ug/L		7/12/2019 20:57
Chloroform	< 2.00	ug/L		7/12/2019 20:57
Chloromethane	< 2.00	ug/L		7/12/2019 20:57
cis-1,2-Dichloroethene	**40.8**	ug/L		7/12/2019 20:57
cis-1,3-Dichloropropene	< 2.00	ug/L		7/12/2019 20:57
Dibromochloromethane	< 2.00	ug/L		7/12/2019 20:57
Ethylbenzene	< 2.00	ug/L		7/12/2019 20:57
Freon 113	**7.51**	ug/L		7/12/2019 20:57
m,p-Xylene	< 2.00	ug/L		7/12/2019 20:57

Lab Project ID: 193213

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier:	Influent Grab		
Lab Sample ID:	193213-01	**Date Sampled:**	7/9/2019
Matrix:	Water	**Date Received:**	7/10/2019

Methylene chloride	< 5.00	ug/L	7/12/2019	20:57
o-Xylene	< 2.00	ug/L	7/12/2019	20:57
Styrene	< 5.00	ug/L	7/12/2019	20:57
Tetrachloroethene	< 2.00	ug/L	7/12/2019	20:57
Toluene	< 2.00	ug/L	7/12/2019	20:57
trans-1,2-Dichloroethene	< 2.00	ug/L	7/12/2019	20:57
trans-1,3-Dichloropropene	< 2.00	ug/L	7/12/2019	20:57
Trichloroethene	**84.0**	ug/L	7/12/2019	20:57
Trichlorofluoromethane	< 2.00	ug/L	7/12/2019	20:57
Vinyl acetate	< 5.00	ug/L	7/12/2019	20:57
Vinyl chloride	**2.12**	ug/L	7/12/2019	20:57

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed	
1,2-Dichloroethane-d4	**106**	73.4 - 131		7/12/2019	20:57
4-Bromofluorobenzene	**91.8**	57.2 - 129		7/12/2019	20:57
Pentafluorobenzene	**98.9**	87 - 112		7/12/2019	20:57
Toluene-D8	**95.4**	78.3 - 115		7/12/2019	20:57

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x62596.D

Lab Project ID: 193213

Client: **Bausch & Lomb**

Project Reference: Quarterly SPDES Monitoring

Sample Identifier:	Effluent Grab		
Lab Sample ID:	193213-02	**Date Sampled:**	7/9/2019
Matrix:	Water	**Date Received:**	7/10/2019

Metals

Analyte	Result	Units	Qualifier	Date Analyzed
Iron	< 0.100	mg/L		7/12/2019 08:51

Method Reference(s): EPA 6010C
EPA 3005A
Preparation Date: 7/11/2019
Data File: 190712A

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		7/12/2019 20:35
1,1-Dichloroethane	< 2.00	ug/L		7/12/2019 20:35
1,1-Dichloroethene	< 2.00	ug/L		7/12/2019 20:35
cis-1,2-Dichloroethene	< 2.00	ug/L		7/12/2019 20:35
Freon 113	< 2.00	ug/L		7/12/2019 20:35
Trichloroethene	< 2.00	ug/L		7/12/2019 20:35
Vinyl chloride	< 2.00	ug/L		7/12/2019 20:35

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**115**	73.4 - 131		7/12/2019 20:35
4-Bromofluorobenzene	**91.6**	57.2 - 129		7/12/2019 20:35
Pentafluorobenzene	**87.7**	87 - 112		7/12/2019 20:35
Toluene-D8	**94.8**	78.3 - 115		7/12/2019 20:35

Method Reference(s): EPA 8260C
EPA 5030C
Data File: x62595.D

Analytical Report Appendix

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

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

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

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

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

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

“<” = Analyzed for but not detected at or above the quantitation limit.
“E” = Result has been estimated, calibration limit exceeded.
“Z” = See case narrative.
“D” = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
“M” = Matrix spike recoveries outside QC limits. Matrix bias indicated.
“B” = Method blank contained trace levels of analyte. Refer to included method blank report.
“J” = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
“P” = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue
Rochester, NY 14608
(716) 647-2530 * (800) 724-1997

CHAIN OF CUSTODY

1 of 2

REPORT TO:		INVOICE TO:			
COMPANY:	Bausch & Lomb	COMPANY:	SAME	LAB PROJECT #: 193213	CLIENT PROJECT #:
ADDRESS:	1 Bausch & Lomb Drive, 6th Floor	ADDRESS:			
CITY:	Rochester STATE: NY ZIP: 14604	CITY:	STATE: ZIP:	TURNAROUND TIME: (WORKING DAYS)	
PHONE:	338-5087 FAX: 338-0345	PHONE:	FAX:	STD	OTHER
PROJECT NAME/SITE NAME:		ATTN:		☐ 1 ☐ 2 ☐ 3 ☒ 5	☐
ATTN:	Frank Chiappone				
COMMENTS:	* With DEC EDD	Also email: Scott Powlin, Chris Kassel			

Quarterly SPDES Monitoring

REQUESTED ANALYSIS

	DATE	TIME	COMPOSITE	GRAB	SAMPLE LOCATION/FIELD ID	MATRIX	NUMBER CONTAINERS	Site Specific 8260	Fe									REMARKS	PARADIGM LAB SAMPLE NUMBER	
1	7/9/19	12:05		X	Influent Grab	W	2	X											01	
2	7/9/19	12:00		X	Effluent Grab	W	3	X	X										02	
3																				
4																				
5																				
6					Report only 1,1-Dichloroethane; 1,1-Dichloroethene; cis-1,2-Dichloroethene; Freon 113; 1,1,1-Trichloroethane;															
7					Trichloroethene; Vinyl Chloride on Effluent.															
8																				
9																				
10																				

LAB USE ONLY BELOW THIS LINE

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

Receipt Parameter	NELAC Compliance
Container Type:	Y ☐ N ☐
Comments:	
Preservation:	Y ☐ N ☐
Comments:	
Holding Time:	Y ☐ N ☐
Comments:	
Temperature:	Y ☐ N ☐
Comments: 4°C iced 7/10/19 13:19	

Sampled By	Date/Time	Total Cost:
Relinquished By	7/10/19 1:15	
Received By	7/10/19 1315	P.I.F.
Received @ Lab By	7/10/19 13:21	

PARADIGM

Chain of Custody Supplement

Client: Bausch & Lomb **Completed by:** Glenn Pezzulo

Lab Project ID: 193213 **Date:** 7/11/19

Sample Condition Requirements

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

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X VOA		X
Comments			
Preservation	X metals		X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		X metals
Comments	4°C iced		
Compliant Sample Quantity/Type	X		
Comments			

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC

Analytical Report For

Bausch & Lomb

For Lab Project ID

195388

Referencing

Semiannual Monitoring

Prepared

Friday, November 8, 2019

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM

Lab Project ID: 195388

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 14D		
Lab Sample ID:	195388-01	**Date Sampled:**	10/30/2019
Matrix:	Groundwater	**Date Received:**	11/1/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/5/2019 14:20
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/5/2019 14:20
1,1,2-Trichloroethane	< 2.00	ug/L		11/5/2019 14:20
1,1-Dichloroethane	< 2.00	ug/L		11/5/2019 14:20
1,1-Dichloroethene	< 2.00	ug/L		11/5/2019 14:20
1,2-Dichloroethane	< 2.00	ug/L		11/5/2019 14:20
1,2-Dichloropropane	< 2.00	ug/L		11/5/2019 14:20
2-Butanone	< 10.0	ug/L		11/5/2019 14:20
2-Chloroethyl vinyl Ether	< 5.00	ug/L		11/5/2019 14:20
2-Hexanone	< 5.00	ug/L		11/5/2019 14:20
4-Methyl-2-pentanone	< 5.00	ug/L		11/5/2019 14:20
Acetone	< 10.0	ug/L		11/5/2019 14:20
Benzene	< 1.00	ug/L		11/5/2019 14:20
Bromodichloromethane	< 2.00	ug/L		11/5/2019 14:20
Bromoform	< 5.00	ug/L		11/5/2019 14:20
Bromomethane	< 2.00	ug/L		11/5/2019 14:20
Carbon disulfide	< 2.00	ug/L		11/5/2019 14:20
Carbon Tetrachloride	< 2.00	ug/L		11/5/2019 14:20
Chlorobenzene	< 2.00	ug/L		11/5/2019 14:20
Chloroethane	< 2.00	ug/L		11/5/2019 14:20
Chloroform	< 2.00	ug/L		11/5/2019 14:20
Chloromethane	< 2.00	ug/L		11/5/2019 14:20
cis-1,2-Dichloroethene	< 2.00	ug/L		11/5/2019 14:20
cis-1,3-Dichloropropene	< 2.00	ug/L		11/5/2019 14:20
Dibromochloromethane	< 2.00	ug/L		11/5/2019 14:20
Ethylbenzene	< 2.00	ug/L		11/5/2019 14:20
Freon 113	< 2.00	ug/L		11/5/2019 14:20
m,p-Xylene	< 2.00	ug/L		11/5/2019 14:20

PARADIGM

Lab Project ID: 195388

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 14D		
Lab Sample ID:	195388-01	**Date Sampled:**	10/30/2019
Matrix:	Groundwater	**Date Received:**	11/1/2019

Methylene chloride	< 5.00	ug/L			11/5/2019 14:20
o-Xylene	< 2.00	ug/L			11/5/2019 14:20
Styrene	< 5.00	ug/L			11/5/2019 14:20
Tetrachloroethene	< 2.00	ug/L			11/5/2019 14:20
Toluene	< 2.00	ug/L			11/5/2019 14:20
trans-1,2-Dichloroethene	< 2.00	ug/L			11/5/2019 14:20
trans-1,3-Dichloropropene	< 2.00	ug/L			11/5/2019 14:20
Trichloroethene	< 2.00	ug/L			11/5/2019 14:20
Trichlorofluoromethane	< 2.00	ug/L			11/5/2019 14:20
Vinyl acetate	< 5.00	ug/L			11/5/2019 14:20
Vinyl chloride	< 2.00	ug/L			11/5/2019 14:20

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**122**	70.5 - 135		11/5/2019 14:20
4-Bromofluorobenzene	**94.8**	62 - 127		11/5/2019 14:20
Pentafluorobenzene	**97.1**	87 - 113		11/5/2019 14:20
Toluene-D8	**94.0**	80.8 - 115		11/5/2019 14:20

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65960.D

PARADIGM

Lab Project ID: 195388

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 14S		
Lab Sample ID:	195388-02	**Date Sampled:**	10/30/2019
Matrix:	Groundwater	**Date Received:**	11/1/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/5/2019 14:43
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/5/2019 14:43
1,1,2-Trichloroethane	< 2.00	ug/L		11/5/2019 14:43
1,1-Dichloroethane	< 2.00	ug/L		11/5/2019 14:43
1,1-Dichloroethene	< 2.00	ug/L		11/5/2019 14:43
1,2-Dichloroethane	< 2.00	ug/L		11/5/2019 14:43
1,2-Dichloropropane	< 2.00	ug/L		11/5/2019 14:43
2-Butanone	< 10.0	ug/L		11/5/2019 14:43
2-Chloroethyl vinyl Ether	< 5.00	ug/L		11/5/2019 14:43
2-Hexanone	< 5.00	ug/L		11/5/2019 14:43
4-Methyl-2-pentanone	< 5.00	ug/L		11/5/2019 14:43
Acetone	< 10.0	ug/L		11/5/2019 14:43
Benzene	< 1.00	ug/L		11/5/2019 14:43
Bromodichloromethane	< 2.00	ug/L		11/5/2019 14:43
Bromoform	< 5.00	ug/L		11/5/2019 14:43
Bromomethane	< 2.00	ug/L		11/5/2019 14:43
Carbon disulfide	< 2.00	ug/L		11/5/2019 14:43
Carbon Tetrachloride	< 2.00	ug/L		11/5/2019 14:43
Chlorobenzene	< 2.00	ug/L		11/5/2019 14:43
Chloroethane	< 2.00	ug/L		11/5/2019 14:43
Chloroform	< 2.00	ug/L		11/5/2019 14:43
Chloromethane	< 2.00	ug/L		11/5/2019 14:43
cis-1,2-Dichloroethene	< 2.00	ug/L		11/5/2019 14:43
cis-1,3-Dichloropropene	< 2.00	ug/L		11/5/2019 14:43
Dibromochloromethane	< 2.00	ug/L		11/5/2019 14:43
Ethylbenzene	< 2.00	ug/L		11/5/2019 14:43
Freon 113	< 2.00	ug/L		11/5/2019 14:43
m,p-Xylene	< 2.00	ug/L		11/5/2019 14:43

Lab Project ID: 195388

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 14S		
Lab Sample ID:	195388-02	**Date Sampled:**	10/30/2019
Matrix:	Groundwater	**Date Received:**	11/1/2019

Methylene chloride	< 5.00	ug/L		11/5/2019 14:43
o-Xylene	< 2.00	ug/L		11/5/2019 14:43
Styrene	< 5.00	ug/L		11/5/2019 14:43
Tetrachloroethene	< 2.00	ug/L		11/5/2019 14:43
Toluene	< 2.00	ug/L		11/5/2019 14:43
trans-1,2-Dichloroethene	< 2.00	ug/L		11/5/2019 14:43
trans-1,3-Dichloropropene	< 2.00	ug/L		11/5/2019 14:43
Trichloroethene	< 2.00	ug/L		11/5/2019 14:43
Trichlorofluoromethane	< 2.00	ug/L		11/5/2019 14:43
Vinyl acetate	< 5.00	ug/L		11/5/2019 14:43
Vinyl chloride	< 2.00	ug/L		11/5/2019 14:43

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**122**	70.5 - 135		11/5/2019 14:43
4-Bromofluorobenzene	**84.4**	62 - 127		11/5/2019 14:43
Pentafluorobenzene	**97.3**	87 - 113		11/5/2019 14:43
Toluene-D8	**91.0**	80.8 - 115		11/5/2019 14:43

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65961.D

PARADIGM

Lab Project ID: 195388

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 8R		
Lab Sample ID:	195388-03	**Date Sampled:**	10/31/2019
Matrix:	Groundwater	**Date Received:**	11/1/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/5/2019 15:05
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/5/2019 15:05
1,1,2-Trichloroethane	< 2.00	ug/L		11/5/2019 15:05
1,1-Dichloroethane	< 2.00	ug/L		11/5/2019 15:05
1,1-Dichloroethene	< 2.00	ug/L		11/5/2019 15:05
1,2-Dichloroethane	< 2.00	ug/L		11/5/2019 15:05
1,2-Dichloropropane	< 2.00	ug/L		11/5/2019 15:05
2-Butanone	< 10.0	ug/L		11/5/2019 15:05
2-Chloroethyl vinyl Ether	< 5.00	ug/L		11/5/2019 15:05
2-Hexanone	< 5.00	ug/L		11/5/2019 15:05
4-Methyl-2-pentanone	< 5.00	ug/L		11/5/2019 15:05
Acetone	< 10.0	ug/L		11/5/2019 15:05
Benzene	< 1.00	ug/L		11/5/2019 15:05
Bromodichloromethane	< 2.00	ug/L		11/5/2019 15:05
Bromoform	< 5.00	ug/L		11/5/2019 15:05
Bromomethane	< 2.00	ug/L		11/5/2019 15:05
Carbon disulfide	< 2.00	ug/L		11/5/2019 15:05
Carbon Tetrachloride	< 2.00	ug/L		11/5/2019 15:05
Chlorobenzene	< 2.00	ug/L		11/5/2019 15:05
Chloroethane	< 2.00	ug/L		11/5/2019 15:05
Chloroform	< 2.00	ug/L		11/5/2019 15:05
Chloromethane	< 2.00	ug/L		11/5/2019 15:05
cis-1,2-Dichloroethene	< 2.00	ug/L		11/5/2019 15:05
cis-1,3-Dichloropropene	< 2.00	ug/L		11/5/2019 15:05
Dibromochloromethane	< 2.00	ug/L		11/5/2019 15:05
Ethylbenzene	< 2.00	ug/L		11/5/2019 15:05
Freon 113	< 2.00	ug/L		11/5/2019 15:05
m,p-Xylene	< 2.00	ug/L		11/5/2019 15:05

Lab Project ID: 195388

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 8R		
Lab Sample ID:	195388-03	**Date Sampled:**	10/31/2019
Matrix:	Groundwater	**Date Received:**	11/1/2019

Methylene chloride	< 5.00	ug/L			11/5/2019 15:05
o-Xylene	< 2.00	ug/L			11/5/2019 15:05
Styrene	< 5.00	ug/L			11/5/2019 15:05
Tetrachloroethene	< 2.00	ug/L			11/5/2019 15:05
Toluene	< 2.00	ug/L			11/5/2019 15:05
trans-1,2-Dichloroethene	< 2.00	ug/L			11/5/2019 15:05
trans-1,3-Dichloropropene	< 2.00	ug/L			11/5/2019 15:05
Trichloroethene	< 2.00	ug/L			11/5/2019 15:05
Trichlorofluoromethane	< 2.00	ug/L			11/5/2019 15:05
Vinyl acetate	< 5.00	ug/L			11/5/2019 15:05
Vinyl chloride	< 2.00	ug/L			11/5/2019 15:05

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**121**	70.5 - 135		11/5/2019 15:05
4-Bromofluorobenzene	**82.3**	62 - 127		11/5/2019 15:05
Pentafluorobenzene	**98.7**	87 - 113		11/5/2019 15:05
Toluene-D8	**91.7**	80.8 - 115		11/5/2019 15:05

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65962.D

PARADIGM

Lab Project ID: 195388

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 1		
Lab Sample ID:	195388-04	**Date Sampled:**	10/31/2019
Matrix:	Groundwater	**Date Received:**	11/1/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/6/2019 16:59
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/6/2019 16:59
1,1,2-Trichloroethane	< 2.00	ug/L		11/6/2019 16:59
1,1-Dichloroethane	< 2.00	ug/L		11/6/2019 16:59
1,1-Dichloroethene	< 2.00	ug/L		11/6/2019 16:59
1,2-Dichloroethane	< 2.00	ug/L		11/6/2019 16:59
1,2-Dichloropropane	< 2.00	ug/L		11/6/2019 16:59
2-Butanone	< 10.0	ug/L		11/6/2019 16:59
2-Chloroethyl vinyl Ether	< 5.00	ug/L		11/6/2019 16:59
2-Hexanone	< 5.00	ug/L		11/6/2019 16:59
4-Methyl-2-pentanone	< 5.00	ug/L		11/6/2019 16:59
Acetone	< 10.0	ug/L		11/6/2019 16:59
Benzene	< 1.00	ug/L		11/6/2019 16:59
Bromodichloromethane	< 2.00	ug/L		11/6/2019 16:59
Bromoform	< 5.00	ug/L		11/6/2019 16:59
Bromomethane	< 2.00	ug/L		11/6/2019 16:59
Carbon disulfide	< 2.00	ug/L		11/6/2019 16:59
Carbon Tetrachloride	< 2.00	ug/L		11/6/2019 16:59
Chlorobenzene	< 2.00	ug/L		11/6/2019 16:59
Chloroethane	< 2.00	ug/L		11/6/2019 16:59
Chloroform	< 2.00	ug/L		11/6/2019 16:59
Chloromethane	< 2.00	ug/L		11/6/2019 16:59
cis-1,2-Dichloroethene	< 2.00	ug/L		11/6/2019 16:59
cis-1,3-Dichloropropene	< 2.00	ug/L		11/6/2019 16:59
Dibromochloromethane	< 2.00	ug/L		11/6/2019 16:59
Ethylbenzene	< 2.00	ug/L		11/6/2019 16:59
Freon 113	< 2.00	ug/L		11/6/2019 16:59
m,p-Xylene	< 2.00	ug/L		11/6/2019 16:59

Lab Project ID: 195388

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 1		
Lab Sample ID:	195388-04	**Date Sampled:**	10/31/2019
Matrix:	Groundwater	**Date Received:**	11/1/2019

Methylene chloride	< 5.00	ug/L			11/6/2019 16:59
o-Xylene	< 2.00	ug/L			11/6/2019 16:59
Styrene	< 5.00	ug/L			11/6/2019 16:59
Tetrachloroethene	< 2.00	ug/L			11/6/2019 16:59
Toluene	< 2.00	ug/L			11/6/2019 16:59
trans-1,2-Dichloroethene	< 2.00	ug/L			11/6/2019 16:59
trans-1,3-Dichloropropene	< 2.00	ug/L			11/6/2019 16:59
Trichloroethene	< 2.00	ug/L			11/6/2019 16:59
Trichlorofluoromethane	< 2.00	ug/L			11/6/2019 16:59
Vinyl acetate	< 5.00	ug/L			11/6/2019 16:59
Vinyl chloride	< 2.00	ug/L			11/6/2019 16:59

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**125**	70.5 - 135		11/6/2019 16:59
4-Bromofluorobenzene	**87.6**	62 - 127		11/6/2019 16:59
Pentafluorobenzene	**99.8**	87 - 113		11/6/2019 16:59
Toluene-D8	**95.8**	80.8 - 115		11/6/2019 16:59

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x66012.D

Analytical Report Appendix

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

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

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

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

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

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

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

“<” = Analyzed for but not detected at or above the quantitation limit.
“E” = Result has been estimated, calibration limit exceeded.
“Z” = See case narrative.
“D” = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
“M” = Matrix spike recoveries outside QC limits. Matrix bias indicated.
“B” = Method blank contained trace levels of analyte. Refer to included method blank report.
“J” = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
“P” = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

REPORT TO:		INVOICE TO:		
CLIENT:	Bausch & Lomb	CLIENT:	Same	LAB PROJECT ID: 195388
ADDRESS:	1400 N. Goodman St.	ADDRESS:		
CITY:	Rochester STATE: NY ZIP: 14609	CITY:	STATE: ZIP:	Quotation #: MS 060302A
PHONE:	585-338-5037	PHONE:		Email: Frank.Chiappone@bausch.com
ATTN:	Frank Chiappone	ATTN:		

PROJECT REFERENCE

Semiannual Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Site Specific Volatiles									REMARKS	PARADIGM LAB SAMPLE NUMBER
10/30/19	10:08		X	BL 14D	WG	2	X										01
10/30/19	12:20		X	BL-14S	WG	2	X										02
10/31/19	9:05		X	BL 8R	WG	2	X										03
10/31/19	10:46		X	BL 1	WG	2	X										04
			X		WG	2	X										
			X		WG	2	X										
			X		WG	2	X										
			X		WG	2	X										
			X		WG	2	X									Also email: Scott Powlin, Chris Kassel	
			X		WG	2	X										

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B			
Rush 1 day					
Other please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed:	

Sampled By	10/31/19 11:00	Total Cost:
Relinquished By	11/1/19 8:24	
Received By	11/1/19 824	on ice P.I.F.
Received @ Lab By	11/1/19 08:53	

3°C ice 11/1/19 08:25

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

See additional page for sample conditions.

PARADIGM

Chain of Custody Supplement

Client: Bausch + Lomb **Completed by:** Glenn Pezzulo

Lab Project ID: 195388 **Date:** 11/1/19

Sample Condition Requirements

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

Condition	*NELAC compliance with the sample condition requirements upon receipt* Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		
Comments	3°C iced		
Compliant Sample Quantity/Type	X		
Comments			

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Bausch & Lomb

For Lab Project ID

195337

Referencing

Semiannual Monitoring

Prepared

Wednesday, November 6, 2019

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

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

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 25S		
Lab Sample ID:	195337-01	**Date Sampled:**	10/28/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/1/2019 14:19
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/1/2019 14:19
1,1,2-Trichloroethane	< 2.00	ug/L		11/1/2019 14:19
1,1-Dichloroethane	< 2.00	ug/L		11/1/2019 14:19
1,1-Dichloroethene	< 2.00	ug/L		11/1/2019 14:19
1,2-Dichloroethane	< 2.00	ug/L		11/1/2019 14:19
1,2-Dichloropropane	< 2.00	ug/L		11/1/2019 14:19
2-Butanone	< 10.0	ug/L		11/1/2019 14:19
2-Chloroethyl vinyl Ether	< 5.00	ug/L		11/1/2019 14:19
2-Hexanone	< 5.00	ug/L		11/1/2019 14:19
4-Methyl-2-pentanone	< 5.00	ug/L		11/1/2019 14:19
Acetone	< 10.0	ug/L		11/1/2019 14:19
Benzene	< 1.00	ug/L		11/1/2019 14:19
Bromodichloromethane	< 2.00	ug/L		11/1/2019 14:19
Bromoform	< 5.00	ug/L		11/1/2019 14:19
Bromomethane	< 2.00	ug/L		11/1/2019 14:19
Carbon disulfide	< 2.00	ug/L		11/1/2019 14:19
Carbon Tetrachloride	< 2.00	ug/L		11/1/2019 14:19
Chlorobenzene	< 2.00	ug/L		11/1/2019 14:19
Chloroethane	< 2.00	ug/L		11/1/2019 14:19
Chloroform	< 2.00	ug/L		11/1/2019 14:19
Chloromethane	< 2.00	ug/L		11/1/2019 14:19
cis-1,2-Dichloroethene	< 2.00	ug/L		11/1/2019 14:19
cis-1,3-Dichloropropene	< 2.00	ug/L		11/1/2019 14:19
Dibromochloromethane	< 2.00	ug/L		11/1/2019 14:19
Ethylbenzene	< 2.00	ug/L		11/1/2019 14:19
Freon 113	< 2.00	ug/L		11/1/2019 14:19
m,p-Xylene	< 2.00	ug/L		11/1/2019 14:19

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 25S		
Lab Sample ID:	195337-01	**Date Sampled:**	10/28/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Methylene chloride	< 5.00	ug/L		11/1/2019 14:19
o-Xylene	< 2.00	ug/L		11/1/2019 14:19
Styrene	< 5.00	ug/L		11/1/2019 14:19
Tetrachloroethene	< 2.00	ug/L		11/1/2019 14:19
Toluene	< 2.00	ug/L		11/1/2019 14:19
trans-1,2-Dichloroethene	< 2.00	ug/L		11/1/2019 14:19
trans-1,3-Dichloropropene	< 2.00	ug/L		11/1/2019 14:19
Trichloroethene	< 2.00	ug/L		11/1/2019 14:19
Trichlorofluoromethane	< 2.00	ug/L		11/1/2019 14:19
Vinyl acetate	< 5.00	ug/L		11/1/2019 14:19
Vinyl chloride	< 2.00	ug/L		11/1/2019 14:19

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**120**	70.5 - 135		11/1/2019 14:19
4-Bromofluorobenzene	**87.4**	62 - 127		11/1/2019 14:19
Pentafluorobenzene	**99.6**	87 - 113		11/1/2019 14:19
Toluene-D8	**96.0**	80.8 - 115		11/1/2019 14:19

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65870.D

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 25D		
Lab Sample ID:	195337-02	**Date Sampled:**	10/28/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/1/2019 14:42
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/1/2019 14:42
1,1,2-Trichloroethane	< 2.00	ug/L		11/1/2019 14:42
1,1-Dichloroethane	< 2.00	ug/L		11/1/2019 14:42
1,1-Dichloroethene	< 2.00	ug/L		11/1/2019 14:42
1,2-Dichloroethane	< 2.00	ug/L		11/1/2019 14:42
1,2-Dichloropropane	< 2.00	ug/L		11/1/2019 14:42
2-Butanone	< 10.0	ug/L		11/1/2019 14:42
2-Chloroethyl vinyl Ether	< 5.00	ug/L		11/1/2019 14:42
2-Hexanone	< 5.00	ug/L		11/1/2019 14:42
4-Methyl-2-pentanone	< 5.00	ug/L		11/1/2019 14:42
Acetone	< 10.0	ug/L		11/1/2019 14:42
Benzene	< 1.00	ug/L		11/1/2019 14:42
Bromodichloromethane	< 2.00	ug/L		11/1/2019 14:42
Bromoform	< 5.00	ug/L		11/1/2019 14:42
Bromomethane	< 2.00	ug/L		11/1/2019 14:42
Carbon disulfide	< 2.00	ug/L		11/1/2019 14:42
Carbon Tetrachloride	< 2.00	ug/L		11/1/2019 14:42
Chlorobenzene	< 2.00	ug/L		11/1/2019 14:42
Chloroethane	< 2.00	ug/L		11/1/2019 14:42
Chloroform	< 2.00	ug/L		11/1/2019 14:42
Chloromethane	< 2.00	ug/L		11/1/2019 14:42
cis-1,2-Dichloroethene	**4.53**	ug/L		11/1/2019 14:42
cis-1,3-Dichloropropene	< 2.00	ug/L		11/1/2019 14:42
Dibromochloromethane	< 2.00	ug/L		11/1/2019 14:42
Ethylbenzene	< 2.00	ug/L		11/1/2019 14:42
Freon 113	< 2.00	ug/L		11/1/2019 14:42
m,p-Xylene	< 2.00	ug/L		11/1/2019 14:42

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 25D		
Lab Sample ID:	195337-02	**Date Sampled:**	10/28/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Methylene chloride	< 5.00	ug/L		11/1/2019 14:42
o-Xylene	< 2.00	ug/L		11/1/2019 14:42
Styrene	< 5.00	ug/L		11/1/2019 14:42
Tetrachloroethene	< 2.00	ug/L		11/1/2019 14:42
Toluene	< 2.00	ug/L		11/1/2019 14:42
trans-1,2-Dichloroethene	< 2.00	ug/L		11/1/2019 14:42
trans-1,3-Dichloropropene	< 2.00	ug/L		11/1/2019 14:42
Trichloroethene	**13.5**	ug/L		11/1/2019 14:42
Trichlorofluoromethane	< 2.00	ug/L		11/1/2019 14:42
Vinyl acetate	< 5.00	ug/L		11/1/2019 14:42
Vinyl chloride	< 2.00	ug/L		11/1/2019 14:42

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**112**	70.5 - 135		11/1/2019 14:42
4-Bromofluorobenzene	**83.5**	62 - 127		11/1/2019 14:42
Pentafluorobenzene	**97.3**	87 - 113		11/1/2019 14:42
Toluene-D8	**92.6**	80.8 - 115		11/1/2019 14:42

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65871.D

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 20SR		
Lab Sample ID:	195337-03	**Date Sampled:**	10/28/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/1/2019 15:05
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/1/2019 15:05
1,1,2-Trichloroethane	< 2.00	ug/L		11/1/2019 15:05
1,1-Dichloroethane	< 2.00	ug/L		11/1/2019 15:05
1,1-Dichloroethene	< 2.00	ug/L		11/1/2019 15:05
1,2-Dichloroethane	< 2.00	ug/L		11/1/2019 15:05
1,2-Dichloropropane	< 2.00	ug/L		11/1/2019 15:05
2-Butanone	< 10.0	ug/L		11/1/2019 15:05
2-Chloroethyl vinyl Ether	< 5.00	ug/L		11/1/2019 15:05
2-Hexanone	< 5.00	ug/L		11/1/2019 15:05
4-Methyl-2-pentanone	< 5.00	ug/L		11/1/2019 15:05
Acetone	< 10.0	ug/L		11/1/2019 15:05
Benzene	< 1.00	ug/L		11/1/2019 15:05
Bromodichloromethane	< 2.00	ug/L		11/1/2019 15:05
Bromoform	< 5.00	ug/L		11/1/2019 15:05
Bromomethane	< 2.00	ug/L		11/1/2019 15:05
Carbon disulfide	< 2.00	ug/L		11/1/2019 15:05
Carbon Tetrachloride	< 2.00	ug/L		11/1/2019 15:05
Chlorobenzene	< 2.00	ug/L		11/1/2019 15:05
Chloroethane	< 2.00	ug/L		11/1/2019 15:05
Chloroform	< 2.00	ug/L		11/1/2019 15:05
Chloromethane	< 2.00	ug/L		11/1/2019 15:05
cis-1,2-Dichloroethene	< 2.00	ug/L		11/1/2019 15:05
cis-1,3-Dichloropropene	< 2.00	ug/L		11/1/2019 15:05
Dibromochloromethane	< 2.00	ug/L		11/1/2019 15:05
Ethylbenzene	< 2.00	ug/L		11/1/2019 15:05
Freon 113	< 2.00	ug/L		11/1/2019 15:05
m,p-Xylene	< 2.00	ug/L		11/1/2019 15:05

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 20SR		
Lab Sample ID:	195337-03	**Date Sampled:**	10/28/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Methylene chloride	< 5.00	ug/L		11/1/2019 15:05
o-Xylene	< 2.00	ug/L		11/1/2019 15:05
Styrene	< 5.00	ug/L		11/1/2019 15:05
Tetrachloroethene	< 2.00	ug/L		11/1/2019 15:05
Toluene	< 2.00	ug/L		11/1/2019 15:05
trans-1,2-Dichloroethene	< 2.00	ug/L		11/1/2019 15:05
trans-1,3-Dichloropropene	< 2.00	ug/L		11/1/2019 15:05
Trichloroethene	**9.11**	ug/L		11/1/2019 15:05
Trichlorofluoromethane	< 2.00	ug/L		11/1/2019 15:05
Vinyl acetate	< 5.00	ug/L		11/1/2019 15:05
Vinyl chloride	< 2.00	ug/L		11/1/2019 15:05

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**112**	70.5 - 135		11/1/2019 15:05
4-Bromofluorobenzene	**80.9**	62 - 127		11/1/2019 15:05
Pentafluorobenzene	**98.5**	87 - 113		11/1/2019 15:05
Toluene-D8	**91.2**	80.8 - 115		11/1/2019 15:05

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65872.D

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 17D		
Lab Sample ID:	195337-04	**Date Sampled:**	10/28/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/1/2019 15:27
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/1/2019 15:27
1,1,2-Trichloroethane	< 2.00	ug/L		11/1/2019 15:27
1,1-Dichloroethane	< 2.00	ug/L		11/1/2019 15:27
1,1-Dichloroethene	< 2.00	ug/L		11/1/2019 15:27
1,2-Dichloroethane	< 2.00	ug/L		11/1/2019 15:27
1,2-Dichloropropane	< 2.00	ug/L		11/1/2019 15:27
2-Butanone	< 10.0	ug/L		11/1/2019 15:27
2-Chloroethyl vinyl Ether	< 5.00	ug/L		11/1/2019 15:27
2-Hexanone	< 5.00	ug/L		11/1/2019 15:27
4-Methyl-2-pentanone	< 5.00	ug/L		11/1/2019 15:27
Acetone	< 10.0	ug/L		11/1/2019 15:27
Benzene	< 1.00	ug/L		11/1/2019 15:27
Bromodichloromethane	< 2.00	ug/L		11/1/2019 15:27
Bromoform	< 5.00	ug/L		11/1/2019 15:27
Bromomethane	< 2.00	ug/L		11/1/2019 15:27
Carbon disulfide	< 2.00	ug/L		11/1/2019 15:27
Carbon Tetrachloride	< 2.00	ug/L		11/1/2019 15:27
Chlorobenzene	< 2.00	ug/L		11/1/2019 15:27
Chloroethane	< 2.00	ug/L		11/1/2019 15:27
Chloroform	< 2.00	ug/L		11/1/2019 15:27
Chloromethane	< 2.00	ug/L		11/1/2019 15:27
cis-1,2-Dichloroethene	< 2.00	ug/L		11/1/2019 15:27
cis-1,3-Dichloropropene	< 2.00	ug/L		11/1/2019 15:27
Dibromochloromethane	< 2.00	ug/L		11/1/2019 15:27
Ethylbenzene	< 2.00	ug/L		11/1/2019 15:27
Freon 113	< 2.00	ug/L		11/1/2019 15:27
m,p-Xylene	< 2.00	ug/L		11/1/2019 15:27

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 17D		
Lab Sample ID:	195337-04	**Date Sampled:**	10/28/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Methylene chloride	< 5.00	ug/L		11/1/2019 15:27
o-Xylene	< 2.00	ug/L		11/1/2019 15:27
Styrene	< 5.00	ug/L		11/1/2019 15:27
Tetrachloroethene	< 2.00	ug/L		11/1/2019 15:27
Toluene	< 2.00	ug/L		11/1/2019 15:27
trans-1,2-Dichloroethene	< 2.00	ug/L		11/1/2019 15:27
trans-1,3-Dichloropropene	< 2.00	ug/L		11/1/2019 15:27
Trichloroethene	< 2.00	ug/L		11/1/2019 15:27
Trichlorofluoromethane	< 2.00	ug/L		11/1/2019 15:27
Vinyl acetate	< 5.00	ug/L		11/1/2019 15:27
Vinyl chloride	< 2.00	ug/L		11/1/2019 15:27

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**119**	70.5 - 135		11/1/2019 15:27
4-Bromofluorobenzene	**81.9**	62 - 127		11/1/2019 15:27
Pentafluorobenzene	**98.3**	87 - 113		11/1/2019 15:27
Toluene-D8	**93.6**	80.8 - 115		11/1/2019 15:27

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65873.D

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 9S		
Lab Sample ID:	195337-05	**Date Sampled:**	10/29/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 5.00	ug/L		11/4/2019 20:42
1,1,2,2-Tetrachloroethane	< 5.00	ug/L		11/4/2019 20:42
1,1,2-Trichloroethane	< 5.00	ug/L		11/4/2019 20:42
1,1-Dichloroethane	< 5.00	ug/L		11/4/2019 20:42
1,1-Dichloroethene	**12.8**	ug/L		11/4/2019 20:42
1,2-Dichloroethane	< 5.00	ug/L		11/4/2019 20:42
1,2-Dichloropropane	< 5.00	ug/L		11/4/2019 20:42
2-Butanone	< 25.0	ug/L		11/4/2019 20:42
2-Chloroethyl vinyl Ether	< 12.5	ug/L		11/4/2019 20:42
2-Hexanone	< 12.5	ug/L		11/4/2019 20:42
4-Methyl-2-pentanone	< 12.5	ug/L		11/4/2019 20:42
Acetone	< 25.0	ug/L		11/4/2019 20:42
Benzene	< 2.50	ug/L		11/4/2019 20:42
Bromodichloromethane	< 5.00	ug/L		11/4/2019 20:42
Bromoform	< 12.5	ug/L		11/4/2019 20:42
Bromomethane	< 5.00	ug/L		11/4/2019 20:42
Carbon disulfide	< 5.00	ug/L		11/4/2019 20:42
Carbon Tetrachloride	< 5.00	ug/L		11/4/2019 20:42
Chlorobenzene	< 5.00	ug/L		11/4/2019 20:42
Chloroethane	< 5.00	ug/L		11/4/2019 20:42
Chloroform	< 5.00	ug/L		11/4/2019 20:42
Chloromethane	< 5.00	ug/L		11/4/2019 20:42
cis-1,2-Dichloroethene	**399**	ug/L		11/4/2019 20:42
cis-1,3-Dichloropropene	< 5.00	ug/L		11/4/2019 20:42
Dibromochloromethane	< 5.00	ug/L		11/4/2019 20:42
Ethylbenzene	< 5.00	ug/L		11/4/2019 20:42
Freon 113	< 5.00	ug/L		11/4/2019 20:42
m,p-Xylene	< 5.00	ug/L		11/4/2019 20:42

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 9S		
Lab Sample ID:	195337-05	**Date Sampled:**	10/29/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Methylene chloride	< 12.5	ug/L		11/4/2019 20:42
o-Xylene	< 5.00	ug/L		11/4/2019 20:42
Styrene	< 12.5	ug/L		11/4/2019 20:42
Tetrachloroethene	< 5.00	ug/L		11/4/2019 20:42
Toluene	< 5.00	ug/L		11/4/2019 20:42
trans-1,2-Dichloroethene	**10.3**	ug/L		11/4/2019 20:42
trans-1,3-Dichloropropene	< 5.00	ug/L		11/4/2019 20:42
Trichloroethene	**36.0**	ug/L		11/4/2019 20:42
Trichlorofluoromethane	< 5.00	ug/L		11/4/2019 20:42
Vinyl acetate	< 12.5	ug/L		11/4/2019 20:42
Vinyl chloride	**196**	ug/L		11/4/2019 20:42

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**133**	70.5 - 135		11/4/2019 20:42
4-Bromofluorobenzene	**79.7**	62 - 127		11/4/2019 20:42
Pentafluorobenzene	**96.6**	87 - 113		11/4/2019 20:42
Toluene-D8	**94.4**	80.8 - 115		11/4/2019 20:42

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65946.D

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 9D		
Lab Sample ID:	195337-06	**Date Sampled:**	10/29/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/4/2019 16:33
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/4/2019 16:33
1,1,2-Trichloroethane	< 2.00	ug/L		11/4/2019 16:33
1,1-Dichloroethane	< 2.00	ug/L		11/4/2019 16:33
1,1-Dichloroethene	< 2.00	ug/L		11/4/2019 16:33
1,2-Dichloroethane	< 2.00	ug/L		11/4/2019 16:33
1,2-Dichloropropane	< 2.00	ug/L		11/4/2019 16:33
2-Butanone	< 10.0	ug/L		11/4/2019 16:33
2-Chloroethyl vinyl Ether	< 5.00	ug/L		11/4/2019 16:33
2-Hexanone	< 5.00	ug/L		11/4/2019 16:33
4-Methyl-2-pentanone	< 5.00	ug/L		11/4/2019 16:33
Acetone	< 10.0	ug/L		11/4/2019 16:33
Benzene	< 1.00	ug/L		11/4/2019 16:33
Bromodichloromethane	< 2.00	ug/L		11/4/2019 16:33
Bromoform	< 5.00	ug/L		11/4/2019 16:33
Bromomethane	< 2.00	ug/L		11/4/2019 16:33
Carbon disulfide	< 2.00	ug/L		11/4/2019 16:33
Carbon Tetrachloride	< 2.00	ug/L		11/4/2019 16:33
Chlorobenzene	< 2.00	ug/L		11/4/2019 16:33
Chloroethane	< 2.00	ug/L		11/4/2019 16:33
Chloroform	< 2.00	ug/L		11/4/2019 16:33
Chloromethane	< 2.00	ug/L		11/4/2019 16:33
cis-1,2-Dichloroethene	**53.1**	ug/L		11/4/2019 16:33
cis-1,3-Dichloropropene	< 2.00	ug/L		11/4/2019 16:33
Dibromochloromethane	< 2.00	ug/L		11/4/2019 16:33
Ethylbenzene	< 2.00	ug/L		11/4/2019 16:33
Freon 113	< 2.00	ug/L		11/4/2019 16:33
m,p-Xylene	< 2.00	ug/L		11/4/2019 16:33

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 9D		
Lab Sample ID:	195337-06	**Date Sampled:**	10/29/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Methylene chloride	< 5.00	ug/L		11/4/2019 16:33
o-Xylene	< 2.00	ug/L		11/4/2019 16:33
Styrene	< 5.00	ug/L		11/4/2019 16:33
Tetrachloroethene	< 2.00	ug/L		11/4/2019 16:33
Toluene	< 2.00	ug/L		11/4/2019 16:33
trans-1,2-Dichloroethene	**2.15**	ug/L		11/4/2019 16:33
trans-1,3-Dichloropropene	< 2.00	ug/L		11/4/2019 16:33
Trichloroethene	**57.3**	ug/L		11/4/2019 16:33
Trichlorofluoromethane	< 2.00	ug/L		11/4/2019 16:33
Vinyl acetate	< 5.00	ug/L		11/4/2019 16:33
Vinyl chloride	**3.75**	ug/L		11/4/2019 16:33

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**116**	70.5 - 135		11/4/2019 16:33
4-Bromofluorobenzene	**84.1**	62 - 127		11/4/2019 16:33
Pentafluorobenzene	**97.0**	87 - 113		11/4/2019 16:33
Toluene-D8	**95.9**	80.8 - 115		11/4/2019 16:33

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65935.D

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 16S		
Lab Sample ID:	195337-07	**Date Sampled:**	10/29/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	**19.8**	ug/L		11/4/2019 20:19
1,1,2,2-Tetrachloroethane	< 10.0	ug/L		11/4/2019 20:19
1,1,2-Trichloroethane	< 10.0	ug/L		11/4/2019 20:19
1,1-Dichloroethane	**11.5**	ug/L		11/4/2019 20:19
1,1-Dichloroethene	< 10.0	ug/L		11/4/2019 20:19
1,2-Dichloroethane	< 10.0	ug/L		11/4/2019 20:19
1,2-Dichloropropane	< 10.0	ug/L		11/4/2019 20:19
2-Butanone	< 50.0	ug/L		11/4/2019 20:19
2-Chloroethyl vinyl Ether	< 25.0	ug/L		11/4/2019 20:19
2-Hexanone	< 25.0	ug/L		11/4/2019 20:19
4-Methyl-2-pentanone	< 25.0	ug/L		11/4/2019 20:19
Acetone	< 50.0	ug/L		11/4/2019 20:19
Benzene	< 5.00	ug/L		11/4/2019 20:19
Bromodichloromethane	< 10.0	ug/L		11/4/2019 20:19
Bromoform	< 25.0	ug/L		11/4/2019 20:19
Bromomethane	< 10.0	ug/L		11/4/2019 20:19
Carbon disulfide	< 10.0	ug/L		11/4/2019 20:19
Carbon Tetrachloride	< 10.0	ug/L		11/4/2019 20:19
Chlorobenzene	< 10.0	ug/L		11/4/2019 20:19
Chloroethane	< 10.0	ug/L		11/4/2019 20:19
Chloroform	< 10.0	ug/L		11/4/2019 20:19
Chloromethane	< 10.0	ug/L		11/4/2019 20:19
cis-1,2-Dichloroethene	**19.8**	ug/L		11/4/2019 20:19
cis-1,3-Dichloropropene	< 10.0	ug/L		11/4/2019 20:19
Dibromochloromethane	< 10.0	ug/L		11/4/2019 20:19
Ethylbenzene	< 10.0	ug/L		11/4/2019 20:19
Freon 113	< 10.0	ug/L		11/4/2019 20:19
m,p-Xylene	< 10.0	ug/L		11/4/2019 20:19

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 16S		
Lab Sample ID:	195337-07	**Date Sampled:**	10/29/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Methylene chloride	< 25.0	ug/L		11/4/2019 20:19
o-Xylene	< 10.0	ug/L		11/4/2019 20:19
Styrene	< 25.0	ug/L		11/4/2019 20:19
Tetrachloroethene	< 10.0	ug/L		11/4/2019 20:19
Toluene	< 10.0	ug/L		11/4/2019 20:19
trans-1,2-Dichloroethene	< 10.0	ug/L		11/4/2019 20:19
trans-1,3-Dichloropropene	< 10.0	ug/L		11/4/2019 20:19
Trichloroethene	**805**	ug/L		11/4/2019 20:19
Trichlorofluoromethane	< 10.0	ug/L		11/4/2019 20:19
Vinyl acetate	< 25.0	ug/L		11/4/2019 20:19
Vinyl chloride	< 10.0	ug/L		11/4/2019 20:19

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**135**	70.5 - 135		11/4/2019 20:19
4-Bromofluorobenzene	**90.1**	62 - 127		11/4/2019 20:19
Pentafluorobenzene	**93.9**	87 - 113		11/4/2019 20:19
Toluene-D8	**92.3**	80.8 - 115		11/4/2019 20:19

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65945.D

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 18S		
Lab Sample ID:	195337-08	**Date Sampled:**	10/29/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		11/4/2019 16:56
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		11/4/2019 16:56
1,1,2-Trichloroethane	< 2.00	ug/L		11/4/2019 16:56
1,1-Dichloroethane	< 2.00	ug/L		11/4/2019 16:56
1,1-Dichloroethene	< 2.00	ug/L		11/4/2019 16:56
1,2-Dichloroethane	< 2.00	ug/L		11/4/2019 16:56
1,2-Dichloropropane	< 2.00	ug/L		11/4/2019 16:56
2-Butanone	< 10.0	ug/L		11/4/2019 16:56
2-Chloroethyl vinyl Ether	< 5.00	ug/L		11/4/2019 16:56
2-Hexanone	< 5.00	ug/L		11/4/2019 16:56
4-Methyl-2-pentanone	< 5.00	ug/L		11/4/2019 16:56
Acetone	< 10.0	ug/L		11/4/2019 16:56
Benzene	< 1.00	ug/L		11/4/2019 16:56
Bromodichloromethane	< 2.00	ug/L		11/4/2019 16:56
Bromoform	< 5.00	ug/L		11/4/2019 16:56
Bromomethane	< 2.00	ug/L		11/4/2019 16:56
Carbon disulfide	< 2.00	ug/L		11/4/2019 16:56
Carbon Tetrachloride	< 2.00	ug/L		11/4/2019 16:56
Chlorobenzene	< 2.00	ug/L		11/4/2019 16:56
Chloroethane	< 2.00	ug/L		11/4/2019 16:56
Chloroform	< 2.00	ug/L		11/4/2019 16:56
Chloromethane	< 2.00	ug/L		11/4/2019 16:56
cis-1,2-Dichloroethene	< 2.00	ug/L		11/4/2019 16:56
cis-1,3-Dichloropropene	< 2.00	ug/L		11/4/2019 16:56
Dibromochloromethane	< 2.00	ug/L		11/4/2019 16:56
Ethylbenzene	< 2.00	ug/L		11/4/2019 16:56
Freon 113	< 2.00	ug/L		11/4/2019 16:56
m,p-Xylene	< 2.00	ug/L		11/4/2019 16:56

PARADIGM

Lab Project ID: 195337

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	BL 18S		
Lab Sample ID:	195337-08	**Date Sampled:**	10/29/2019
Matrix:	Groundwater	**Date Received:**	10/30/2019

Methylene chloride	< 5.00	ug/L		11/4/2019 16:56
o-Xylene	< 2.00	ug/L		11/4/2019 16:56
Styrene	< 5.00	ug/L		11/4/2019 16:56
Tetrachloroethene	< 2.00	ug/L		11/4/2019 16:56
Toluene	< 2.00	ug/L		11/4/2019 16:56
trans-1,2-Dichloroethene	< 2.00	ug/L		11/4/2019 16:56
trans-1,3-Dichloropropene	< 2.00	ug/L		11/4/2019 16:56
Trichloroethene	< 2.00	ug/L		11/4/2019 16:56
Trichlorofluoromethane	< 2.00	ug/L		11/4/2019 16:56
Vinyl acetate	< 5.00	ug/L		11/4/2019 16:56
Vinyl chloride	< 2.00	ug/L		11/4/2019 16:56

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**117**	70.5 - 135		11/4/2019 16:56
4-Bromofluorobenzene	**83.5**	62 - 127		11/4/2019 16:56
Pentafluorobenzene	**96.2**	87 - 113		11/4/2019 16:56
Toluene-D8	**96.2**	80.8 - 115		11/4/2019 16:56

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65936.D

Analytical Report Appendix

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

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

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

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

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

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

“<” = Analyzed for but not detected at or above the quantitation limit.
“E” = Result has been estimated, calibration limit exceeded.
“Z” = See case narrative.
“D” = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
“M” = Matrix spike recoveries outside QC limits. Matrix bias indicated.
“B” = Method blank contained trace levels of analyte. Refer to included method blank report.
“J” = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
“P” = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

PARADIGM

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

CHAIN OF CUSTODY

1 of 2

REPORT TO:		INVOICE TO:		
CLIENT: Bausch & Lomb		CLIENT: Same		LAB PROJECT ID 195337
ADDRESS: 1400 N. Goodman St.		ADDRESS:		
CITY: Rochester STATE: NY ZIP: 14609		CITY: STATE: ZIP:		Quotation #: MS 060302A
PHONE: 585-338-5037		PHONE:		Email:
ATTN: Frank Chiappone		ATTN:		Frank.Chiappone@bausch.com

PROJECT REFERENCE

Semiannual Monitoring

Matrix Codes:
AQ - Aqueous Liquid, NQ - Non-Aqueous Liquid, WA - Water, WG - Groundwater, DW - Drinking Water, WW - Wastewater, SO - Soil, SL - Sludge, SD - Solid, PT - Paint, WP - Wipe, CK - Caulk, OL - Oil, AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Site Specific Volatiles	REMARKS	PARADIGM LAB SAMPLE NUMBER
10/28/19	9:56		X	BL 25S	WG	2	X		01
10/28/19	10:40		X	BL 25D	WG	2	X		02
10/28/19	12:12		X	BL 20SR	WG	2	X		03
10/28/19	1:04		X	BL 17D	WG	2	X		04
10/29/19	9:18		X	BL 9S	WG	2	X		05
10/29/19	10:10		X	BL 9D	WG	2	X		06
10/29/19	11:05		X	BL 16S	WG	2	X		07
10/29/19	12:29		X	BL 18S	WG	2	X		08
			X		WG	2	X	Also email: Scott Powlin, Chris Kassel	
			X		WG	2	X		

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	[X]	None Required	[ ]	None Required	[ ]
10 day	[ ]	Batch QC	[ ]	Basic EDD	[ ]
Rush 3 day	[ ]	Category A	[ ]	NYSDEC EDD	[X]
Rush 2 day	[ ]	Category B	[ ]		
Rush 1 day	[ ]				
Other (please indicate date needed:)	[ ]	Other (please indicate package needed:)	[ ]	Other EDD (please indicate EDD needed:)	[ ]

Sampled By: [signature] Date/Time: 10/29/19 12:36

Relinquished By: [signature] Date/Time: 10/30/19 8:45

Received By: [signature] Date/Time: 10/30/19 0845 ice on ice 5.7°C

Received @ Lab By: [signature] Date/Time: 10/30/19 09:20

Total Cost:

P.I.F.

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

See additional page for sample conditions.

Chain of Custody Supplement

Client: Bausch + Lomb **Completed by:** Glenn Pezzulo

Lab Project ID: 195337 **Date:** 10/30/19

Sample Condition Requirements

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

Condition	NELAC compliance with the sample condition requirements upon receipt: Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		
Comments	5.7°C iced		
Compliant Sample Quantity/Type	X		
Comments			

PARADIGM

PARADIGM
ENVIRONMENTAL SERVICES, INC.

Analytical Report For

Bausch & Lomb

For Lab Project ID

195250

Referencing

Semiannual Monitoring

Prepared

Friday, November 1, 2019

Any noncompliant QC parameters or other notes impacting data interpretation are flagged or documented on the final report or are noted below.

Certifies that this report has been approved by the Technical Director or Designee

179 Lake Avenue • Rochester, NY 14608 • (585) 647-2530 • Fax (585) 647-3311 • ELAP ID# 10958

PARADIGM

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW 120		
Lab Sample ID:	195250-01	**Date Sampled:**	10/23/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		10/29/2019 16:30
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		10/29/2019 16:30
1,1,2-Trichloroethane	< 2.00	ug/L		10/29/2019 16:30
1,1-Dichloroethane	< 2.00	ug/L		10/29/2019 16:30
1,1-Dichloroethene	< 2.00	ug/L		10/29/2019 16:30
1,2-Dichloroethane	< 2.00	ug/L		10/29/2019 16:30
1,2-Dichloropropane	< 2.00	ug/L		10/29/2019 16:30
2-Butanone	< 10.0	ug/L		10/29/2019 16:30
2-Chloroethyl vinyl Ether	< 5.00	ug/L		10/29/2019 16:30
2-Hexanone	< 5.00	ug/L		10/29/2019 16:30
4-Methyl-2-pentanone	< 5.00	ug/L		10/29/2019 16:30
Acetone	< 10.0	ug/L		10/29/2019 16:30
Benzene	< 1.00	ug/L		10/29/2019 16:30
Bromodichloromethane	< 2.00	ug/L		10/29/2019 16:30
Bromoform	< 5.00	ug/L		10/29/2019 16:30
Bromomethane	< 2.00	ug/L		10/29/2019 16:30
Carbon disulfide	< 2.00	ug/L		10/29/2019 16:30
Carbon Tetrachloride	< 2.00	ug/L		10/29/2019 16:30
Chlorobenzene	< 2.00	ug/L		10/29/2019 16:30
Chloroethane	< 2.00	ug/L		10/29/2019 16:30
Chloroform	< 2.00	ug/L		10/29/2019 16:30
Chloromethane	< 2.00	ug/L		10/29/2019 16:30
cis-1,2-Dichloroethene	**6.20**	ug/L		10/29/2019 16:30
cis-1,3-Dichloropropene	< 2.00	ug/L		10/29/2019 16:30
Dibromochloromethane	< 2.00	ug/L		10/29/2019 16:30
Ethylbenzene	< 2.00	ug/L		10/29/2019 16:30
Freon 113	< 2.00	ug/L		10/29/2019 16:30
m,p-Xylene	< 2.00	ug/L		10/29/2019 16:30

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW 120		
Lab Sample ID:	195250-01	**Date Sampled:**	10/23/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Methylene chloride	< 5.00	ug/L		10/29/2019 16:30
o-Xylene	< 2.00	ug/L		10/29/2019 16:30
Styrene	< 5.00	ug/L		10/29/2019 16:30
Tetrachloroethene	< 2.00	ug/L		10/29/2019 16:30
Toluene	< 2.00	ug/L		10/29/2019 16:30
trans-1,2-Dichloroethene	< 2.00	ug/L		10/29/2019 16:30
trans-1,3-Dichloropropene	< 2.00	ug/L		10/29/2019 16:30
Trichloroethene	**22.8**	ug/L		10/29/2019 16:30
Trichlorofluoromethane	< 2.00	ug/L		10/29/2019 16:30
Vinyl acetate	< 5.00	ug/L		10/29/2019 16:30
Vinyl chloride	< 2.00	ug/L		10/29/2019 16:30

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**112**	70.5 - 135		10/29/2019 16:30
4-Bromofluorobenzene	**80.5**	62 - 127		10/29/2019 16:30
Pentafluorobenzene	**98.7**	87 - 113		10/29/2019 16:30
Toluene-D8	**95.2**	80.8 - 115		10/29/2019 16:30

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65757.D

PARADIGM

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW 130		
Lab Sample ID:	195250-02	**Date Sampled:**	10/23/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		10/30/2019 17:28
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		10/30/2019 17:28
1,1,2-Trichloroethane	< 2.00	ug/L		10/30/2019 17:28
1,1-Dichloroethane	**2.17**	ug/L		10/30/2019 17:28
1,1-Dichloroethene	< 2.00	ug/L		10/30/2019 17:28
1,2-Dichloroethane	< 2.00	ug/L		10/30/2019 17:28
1,2-Dichloropropane	< 2.00	ug/L		10/30/2019 17:28
2-Butanone	< 10.0	ug/L		10/30/2019 17:28
2-Chloroethyl vinyl Ether	< 5.00	ug/L		10/30/2019 17:28
2-Hexanone	< 5.00	ug/L		10/30/2019 17:28
4-Methyl-2-pentanone	< 5.00	ug/L		10/30/2019 17:28
Acetone	< 10.0	ug/L		10/30/2019 17:28
Benzene	< 1.00	ug/L		10/30/2019 17:28
Bromodichloromethane	< 2.00	ug/L		10/30/2019 17:28
Bromoform	< 5.00	ug/L		10/30/2019 17:28
Bromomethane	< 2.00	ug/L		10/30/2019 17:28
Carbon disulfide	< 2.00	ug/L		10/30/2019 17:28
Carbon Tetrachloride	< 2.00	ug/L		10/30/2019 17:28
Chlorobenzene	< 2.00	ug/L		10/30/2019 17:28
Chloroethane	< 2.00	ug/L		10/30/2019 17:28
Chloroform	< 2.00	ug/L		10/30/2019 17:28
Chloromethane	< 2.00	ug/L		10/30/2019 17:28
cis-1,2-Dichloroethene	**11.7**	ug/L		10/30/2019 17:28
cis-1,3-Dichloropropene	< 2.00	ug/L		10/30/2019 17:28
Dibromochloromethane	< 2.00	ug/L		10/30/2019 17:28
Ethylbenzene	< 2.00	ug/L		10/30/2019 17:28
Freon 113	**3.81**	ug/L		10/30/2019 17:28
m,p-Xylene	< 2.00	ug/L		10/30/2019 17:28

PARADIGM

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW 130		
Lab Sample ID:	195250-02	**Date Sampled:**	10/23/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Methylene chloride	< 5.00	ug/L		10/30/2019 17:28
o-Xylene	< 2.00	ug/L		10/30/2019 17:28
Styrene	< 5.00	ug/L		10/30/2019 17:28
Tetrachloroethene	< 2.00	ug/L		10/30/2019 17:28
Toluene	< 2.00	ug/L		10/30/2019 17:28
trans-1,2-Dichloroethene	< 2.00	ug/L		10/30/2019 17:28
trans-1,3-Dichloropropene	< 2.00	ug/L		10/30/2019 17:28
Trichloroethene	**37.0**	ug/L		10/30/2019 17:28
Trichlorofluoromethane	< 2.00	ug/L		10/30/2019 17:28
Vinyl acetate	< 5.00	ug/L		10/30/2019 17:28
Vinyl chloride	< 2.00	ug/L		10/30/2019 17:28

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**117**	70.5 - 135		10/30/2019 17:28
4-Bromofluorobenzene	**83.3**	62 - 127		10/30/2019 17:28
Pentafluorobenzene	**102**	87 - 113		10/30/2019 17:28
Toluene-D8	**94.4**	80.8 - 115		10/30/2019 17:28

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65787.D

PARADIGM

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW 160		
Lab Sample ID:	195250-03	**Date Sampled:**	10/23/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 5.00	ug/L		10/29/2019 15:45
1,1,2,2-Tetrachloroethane	< 5.00	ug/L		10/29/2019 15:45
1,1,2-Trichloroethane	< 5.00	ug/L		10/29/2019 15:45
1,1-Dichloroethane	**8.30**	ug/L		10/29/2019 15:45
1,1-Dichloroethene	**6.88**	ug/L		10/29/2019 15:45
1,2-Dichloroethane	< 5.00	ug/L		10/29/2019 15:45
1,2-Dichloropropane	< 5.00	ug/L		10/29/2019 15:45
2-Butanone	< 25.0	ug/L		10/29/2019 15:45
2-Chloroethyl vinyl Ether	< 12.5	ug/L		10/29/2019 15:45
2-Hexanone	< 12.5	ug/L		10/29/2019 15:45
4-Methyl-2-pentanone	< 12.5	ug/L		10/29/2019 15:45
Acetone	< 25.0	ug/L		10/29/2019 15:45
Benzene	< 2.50	ug/L		10/29/2019 15:45
Bromodichloromethane	< 5.00	ug/L		10/29/2019 15:45
Bromoform	< 12.5	ug/L		10/29/2019 15:45
Bromomethane	< 5.00	ug/L		10/29/2019 15:45
Carbon disulfide	< 5.00	ug/L		10/29/2019 15:45
Carbon Tetrachloride	< 5.00	ug/L		10/29/2019 15:45
Chlorobenzene	< 5.00	ug/L		10/29/2019 15:45
Chloroethane	< 5.00	ug/L		10/29/2019 15:45
Chloroform	< 5.00	ug/L		10/29/2019 15:45
Chloromethane	< 5.00	ug/L		10/29/2019 15:45
cis-1,2-Dichloroethene	< 5.00	ug/L		10/29/2019 15:45
cis-1,3-Dichloropropene	< 5.00	ug/L		10/29/2019 15:45
Dibromochloromethane	< 5.00	ug/L		10/29/2019 15:45
Ethylbenzene	< 5.00	ug/L		10/29/2019 15:45
Freon 113	< 5.00	ug/L		10/29/2019 15:45
m,p-Xylene	< 5.00	ug/L		10/29/2019 15:45

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW 160		
Lab Sample ID:	195250-03	**Date Sampled:**	10/23/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Methylene chloride	< 12.5	ug/L		10/29/2019 15:45
o-Xylene	< 5.00	ug/L		10/29/2019 15:45
Styrene	< 12.5	ug/L		10/29/2019 15:45
Tetrachloroethene	**21.4**	ug/L		10/29/2019 15:45
Toluene	< 5.00	ug/L		10/29/2019 15:45
trans-1,2-Dichloroethene	< 5.00	ug/L		10/29/2019 15:45
trans-1,3-Dichloropropene	< 5.00	ug/L		10/29/2019 15:45
Trichloroethene	**360**	ug/L		10/29/2019 15:45
Trichlorofluoromethane	< 5.00	ug/L		10/29/2019 15:45
Vinyl acetate	< 12.5	ug/L		10/29/2019 15:45
Vinyl chloride	< 5.00	ug/L		10/29/2019 15:45

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**121**	70.5 - 135		10/29/2019 15:45
4-Bromofluorobenzene	**87.9**	62 - 127		10/29/2019 15:45
Pentafluorobenzene	**96.3**	87 - 113		10/29/2019 15:45
Toluene-D8	**95.8**	80.8 - 115		10/29/2019 15:45

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65755.D

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW 150		
Lab Sample ID:	195250-04	**Date Sampled:**	10/23/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		10/29/2019 12:45
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		10/29/2019 12:45
1,1,2-Trichloroethane	< 2.00	ug/L		10/29/2019 12:45
1,1-Dichloroethane	< 2.00	ug/L		10/29/2019 12:45
1,1-Dichloroethene	< 2.00	ug/L		10/29/2019 12:45
1,2-Dichloroethane	< 2.00	ug/L		10/29/2019 12:45
1,2-Dichloropropane	< 2.00	ug/L		10/29/2019 12:45
2-Butanone	< 10.0	ug/L		10/29/2019 12:45
2-Chloroethyl vinyl Ether	< 5.00	ug/L		10/29/2019 12:45
2-Hexanone	< 5.00	ug/L		10/29/2019 12:45
4-Methyl-2-pentanone	< 5.00	ug/L		10/29/2019 12:45
Acetone	< 10.0	ug/L		10/29/2019 12:45
Benzene	< 1.00	ug/L		10/29/2019 12:45
Bromodichloromethane	< 2.00	ug/L		10/29/2019 12:45
Bromoform	< 5.00	ug/L		10/29/2019 12:45
Bromomethane	< 2.00	ug/L		10/29/2019 12:45
Carbon disulfide	< 2.00	ug/L		10/29/2019 12:45
Carbon Tetrachloride	< 2.00	ug/L		10/29/2019 12:45
Chlorobenzene	< 2.00	ug/L		10/29/2019 12:45
Chloroethane	< 2.00	ug/L		10/29/2019 12:45
Chloroform	< 2.00	ug/L		10/29/2019 12:45
Chloromethane	< 2.00	ug/L		10/29/2019 12:45
cis-1,2-Dichloroethene	**78.2**	ug/L		10/29/2019 12:45
cis-1,3-Dichloropropene	< 2.00	ug/L		10/29/2019 12:45
Dibromochloromethane	< 2.00	ug/L		10/29/2019 12:45
Ethylbenzene	< 2.00	ug/L		10/29/2019 12:45
Freon 113	**3.94**	ug/L		10/29/2019 12:45
m,p-Xylene	< 2.00	ug/L		10/29/2019 12:45

PARADIGM

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW 150		
Lab Sample ID:	195250-04	**Date Sampled:**	10/23/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Methylene chloride	< 5.00	ug/L		10/29/2019 12:45
o-Xylene	< 2.00	ug/L		10/29/2019 12:45
Styrene	< 5.00	ug/L		10/29/2019 12:45
Tetrachloroethene	< 2.00	ug/L		10/29/2019 12:45
Toluene	< 2.00	ug/L		10/29/2019 12:45
trans-1,2-Dichloroethene	< 2.00	ug/L		10/29/2019 12:45
trans-1,3-Dichloropropene	< 2.00	ug/L		10/29/2019 12:45
Trichloroethene	**75.0**	ug/L		10/29/2019 12:45
Trichlorofluoromethane	< 2.00	ug/L		10/29/2019 12:45
Vinyl acetate	< 5.00	ug/L		10/29/2019 12:45
Vinyl chloride	**3.45**	ug/L		10/29/2019 12:45

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**114**	70.5 - 135		10/29/2019 12:45
4-Bromofluorobenzene	**77.4**	62 - 127		10/29/2019 12:45
Pentafluorobenzene	**101**	87 - 113		10/29/2019 12:45
Toluene-D8	**92.2**	80.8 - 115		10/29/2019 12:45

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65746.D

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW 140		
Lab Sample ID:	195250-05	**Date Sampled:**	10/23/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 5.00	ug/L		10/29/2019 12:22
1,1,2,2-Tetrachloroethane	< 5.00	ug/L		10/29/2019 12:22
1,1,2-Trichloroethane	< 5.00	ug/L		10/29/2019 12:22
1,1-Dichloroethane	**5.01**	ug/L		10/29/2019 12:22
1,1-Dichloroethene	< 5.00	ug/L		10/29/2019 12:22
1,2-Dichloroethane	< 5.00	ug/L		10/29/2019 12:22
1,2-Dichloropropane	< 5.00	ug/L		10/29/2019 12:22
2-Butanone	< 25.0	ug/L		10/29/2019 12:22
2-Chloroethyl vinyl Ether	< 12.5	ug/L		10/29/2019 12:22
2-Hexanone	< 12.5	ug/L		10/29/2019 12:22
4-Methyl-2-pentanone	< 12.5	ug/L		10/29/2019 12:22
Acetone	< 25.0	ug/L		10/29/2019 12:22
Benzene	< 2.50	ug/L		10/29/2019 12:22
Bromodichloromethane	< 5.00	ug/L		10/29/2019 12:22
Bromoform	< 12.5	ug/L		10/29/2019 12:22
Bromomethane	< 5.00	ug/L		10/29/2019 12:22
Carbon disulfide	< 5.00	ug/L		10/29/2019 12:22
Carbon Tetrachloride	< 5.00	ug/L		10/29/2019 12:22
Chlorobenzene	< 5.00	ug/L		10/29/2019 12:22
Chloroethane	< 5.00	ug/L		10/29/2019 12:22
Chloroform	< 5.00	ug/L		10/29/2019 12:22
Chloromethane	< 5.00	ug/L		10/29/2019 12:22
cis-1,2-Dichloroethene	**60.9**	ug/L		10/29/2019 12:22
cis-1,3-Dichloropropene	< 5.00	ug/L		10/29/2019 12:22
Dibromochloromethane	< 5.00	ug/L		10/29/2019 12:22
Ethylbenzene	< 5.00	ug/L		10/29/2019 12:22
Freon 113	**20.1**	ug/L		10/29/2019 12:22
m,p-Xylene	< 5.00	ug/L		10/29/2019 12:22

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	EW 140		
Lab Sample ID:	195250-05	**Date Sampled:**	10/23/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Methylene chloride	< 12.5	ug/L		10/29/2019 12:22
o-Xylene	< 5.00	ug/L		10/29/2019 12:22
Styrene	< 12.5	ug/L		10/29/2019 12:22
Tetrachloroethene	< 5.00	ug/L		10/29/2019 12:22
Toluene	< 5.00	ug/L		10/29/2019 12:22
trans-1,2-Dichloroethene	< 5.00	ug/L		10/29/2019 12:22
trans-1,3-Dichloropropene	< 5.00	ug/L		10/29/2019 12:22
Trichloroethene	**186**	ug/L		10/29/2019 12:22
Trichlorofluoromethane	< 5.00	ug/L		10/29/2019 12:22
Vinyl acetate	< 12.5	ug/L		10/29/2019 12:22
Vinyl chloride	< 5.00	ug/L		10/29/2019 12:22

Surrogate	Percent Recovery	Limits	Outliers	Date Analyzed
1,2-Dichloroethane-d4	**107**	70.5 - 135		10/29/2019 12:22
4-Bromofluorobenzene	**73.7**	62 - 127		10/29/2019 12:22
Pentafluorobenzene	**103**	87 - 113		10/29/2019 12:22
Toluene-D8	**93.1**	80.8 - 115		10/29/2019 12:22

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65745.D

PARADIGM

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH 3D		
Lab Sample ID:	195250-06	**Date Sampled:**	10/24/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		10/30/2019 17:50
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		10/30/2019 17:50
1,1,2-Trichloroethane	< 2.00	ug/L		10/30/2019 17:50
1,1-Dichloroethane	< 2.00	ug/L		10/30/2019 17:50
1,1-Dichloroethene	< 2.00	ug/L		10/30/2019 17:50
1,2-Dichloroethane	< 2.00	ug/L		10/30/2019 17:50
1,2-Dichloropropane	< 2.00	ug/L		10/30/2019 17:50
2-Butanone	< 10.0	ug/L		10/30/2019 17:50
2-Chloroethyl vinyl Ether	< 5.00	ug/L		10/30/2019 17:50
2-Hexanone	< 5.00	ug/L		10/30/2019 17:50
4-Methyl-2-pentanone	< 5.00	ug/L		10/30/2019 17:50
Acetone	< 10.0	ug/L		10/30/2019 17:50
Benzene	< 1.00	ug/L		10/30/2019 17:50
Bromodichloromethane	< 2.00	ug/L		10/30/2019 17:50
Bromoform	< 5.00	ug/L		10/30/2019 17:50
Bromomethane	< 2.00	ug/L		10/30/2019 17:50
Carbon disulfide	< 2.00	ug/L		10/30/2019 17:50
Carbon Tetrachloride	< 2.00	ug/L		10/30/2019 17:50
Chlorobenzene	< 2.00	ug/L		10/30/2019 17:50
Chloroethane	< 2.00	ug/L		10/30/2019 17:50
Chloroform	< 2.00	ug/L		10/30/2019 17:50
Chloromethane	< 2.00	ug/L		10/30/2019 17:50
cis-1,2-Dichloroethene	**5.54**	ug/L		10/30/2019 17:50
cis-1,3-Dichloropropene	< 2.00	ug/L		10/30/2019 17:50
Dibromochloromethane	< 2.00	ug/L		10/30/2019 17:50
Ethylbenzene	< 2.00	ug/L		10/30/2019 17:50
Freon 113	< 2.00	ug/L		10/30/2019 17:50
m,p-Xylene	< 2.00	ug/L		10/30/2019 17:50

PARADIGM

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH 3D		
Lab Sample ID:	195250-06	**Date Sampled:**	10/24/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Methylene chloride	< 5.00	ug/L			10/30/2019 17:50
o-Xylene	< 2.00	ug/L			10/30/2019 17:50
Styrene	< 5.00	ug/L			10/30/2019 17:50
Tetrachloroethene	< 2.00	ug/L			10/30/2019 17:50
Toluene	< 2.00	ug/L			10/30/2019 17:50
trans-1,2-Dichloroethene	< 2.00	ug/L			10/30/2019 17:50
trans-1,3-Dichloropropene	< 2.00	ug/L			10/30/2019 17:50
Trichloroethene	< 2.00	ug/L			10/30/2019 17:50
Trichlorofluoromethane	< 2.00	ug/L			10/30/2019 17:50
Vinyl acetate	< 5.00	ug/L			10/30/2019 17:50
Vinyl chloride	< 2.00	ug/L			10/30/2019 17:50

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**112**	70.5 - 135		10/30/2019 17:50
4-Bromofluorobenzene	**82.0**	62 - 127		10/30/2019 17:50
Pentafluorobenzene	**99.8**	87 - 113		10/30/2019 17:50
Toluene-D8	**92.7**	80.8 - 115		10/30/2019 17:50

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65788.D

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH 6D		
Lab Sample ID:	195250-07	**Date Sampled:**	10/24/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		10/30/2019 18:13
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		10/30/2019 18:13
1,1,2-Trichloroethane	< 2.00	ug/L		10/30/2019 18:13
1,1-Dichloroethane	**3.25**	ug/L		10/30/2019 18:13
1,1-Dichloroethene	< 2.00	ug/L		10/30/2019 18:13
1,2-Dichloroethane	< 2.00	ug/L		10/30/2019 18:13
1,2-Dichloropropane	< 2.00	ug/L		10/30/2019 18:13
2-Butanone	< 10.0	ug/L		10/30/2019 18:13
2-Chloroethyl vinyl Ether	< 5.00	ug/L		10/30/2019 18:13
2-Hexanone	< 5.00	ug/L		10/30/2019 18:13
4-Methyl-2-pentanone	< 5.00	ug/L		10/30/2019 18:13
Acetone	< 10.0	ug/L		10/30/2019 18:13
Benzene	< 1.00	ug/L		10/30/2019 18:13
Bromodichloromethane	< 2.00	ug/L		10/30/2019 18:13
Bromoform	< 5.00	ug/L		10/30/2019 18:13
Bromomethane	< 2.00	ug/L		10/30/2019 18:13
Carbon disulfide	< 2.00	ug/L		10/30/2019 18:13
Carbon Tetrachloride	< 2.00	ug/L		10/30/2019 18:13
Chlorobenzene	< 2.00	ug/L		10/30/2019 18:13
Chloroethane	< 2.00	ug/L		10/30/2019 18:13
Chloroform	< 2.00	ug/L		10/30/2019 18:13
Chloromethane	< 2.00	ug/L		10/30/2019 18:13
cis-1,2-Dichloroethene	**12.0**	ug/L		10/30/2019 18:13
cis-1,3-Dichloropropene	< 2.00	ug/L		10/30/2019 18:13
Dibromochloromethane	< 2.00	ug/L		10/30/2019 18:13
Ethylbenzene	< 2.00	ug/L		10/30/2019 18:13
Freon 113	< 2.00	ug/L		10/30/2019 18:13
m,p-Xylene	< 2.00	ug/L		10/30/2019 18:13

PARADIGM

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH 6D		
Lab Sample ID:	195250-07	**Date Sampled:**	10/24/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Methylene chloride	< 5.00	ug/L		10/30/2019 18:13
o-Xylene	< 2.00	ug/L		10/30/2019 18:13
Styrene	< 5.00	ug/L		10/30/2019 18:13
Tetrachloroethene	< 2.00	ug/L		10/30/2019 18:13
Toluene	< 2.00	ug/L		10/30/2019 18:13
trans-1,2-Dichloroethene	< 2.00	ug/L		10/30/2019 18:13
trans-1,3-Dichloropropene	< 2.00	ug/L		10/30/2019 18:13
Trichloroethene	**13.2**	ug/L		10/30/2019 18:13
Trichlorofluoromethane	< 2.00	ug/L		10/30/2019 18:13
Vinyl acetate	< 5.00	ug/L		10/30/2019 18:13
Vinyl chloride	< 2.00	ug/L		10/30/2019 18:13

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**124**	70.5 - 135		10/30/2019 18:13
4-Bromofluorobenzene	**83.9**	62 - 127		10/30/2019 18:13
Pentafluorobenzene	**97.1**	87 - 113		10/30/2019 18:13
Toluene-D8	**94.2**	80.8 - 115		10/30/2019 18:13

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65789.D

PARADIGM

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH 7		
Lab Sample ID:	195250-08	**Date Sampled:**	10/24/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Volatile Organics

Analyte	Result	Units	Qualifier	Date Analyzed
1,1,1-Trichloroethane	< 2.00	ug/L		10/30/2019 18:35
1,1,2,2-Tetrachloroethane	< 2.00	ug/L		10/30/2019 18:35
1,1,2-Trichloroethane	< 2.00	ug/L		10/30/2019 18:35
1,1-Dichloroethane	< 2.00	ug/L		10/30/2019 18:35
1,1-Dichloroethene	< 2.00	ug/L		10/30/2019 18:35
1,2-Dichloroethane	< 2.00	ug/L		10/30/2019 18:35
1,2-Dichloropropane	< 2.00	ug/L		10/30/2019 18:35
2-Butanone	< 10.0	ug/L		10/30/2019 18:35
2-Chloroethyl vinyl Ether	< 5.00	ug/L		10/30/2019 18:35
2-Hexanone	< 5.00	ug/L		10/30/2019 18:35
4-Methyl-2-pentanone	< 5.00	ug/L		10/30/2019 18:35
Acetone	< 10.0	ug/L		10/30/2019 18:35
Benzene	< 1.00	ug/L		10/30/2019 18:35
Bromodichloromethane	< 2.00	ug/L		10/30/2019 18:35
Bromoform	< 5.00	ug/L		10/30/2019 18:35
Bromomethane	< 2.00	ug/L		10/30/2019 18:35
Carbon disulfide	< 2.00	ug/L		10/30/2019 18:35
Carbon Tetrachloride	< 2.00	ug/L		10/30/2019 18:35
Chlorobenzene	< 2.00	ug/L		10/30/2019 18:35
Chloroethane	< 2.00	ug/L		10/30/2019 18:35
Chloroform	< 2.00	ug/L		10/30/2019 18:35
Chloromethane	< 2.00	ug/L		10/30/2019 18:35
cis-1,2-Dichloroethene	< 2.00	ug/L		10/30/2019 18:35
cis-1,3-Dichloropropene	< 2.00	ug/L		10/30/2019 18:35
Dibromochloromethane	< 2.00	ug/L		10/30/2019 18:35
Ethylbenzene	< 2.00	ug/L		10/30/2019 18:35
Freon 113	< 2.00	ug/L		10/30/2019 18:35
m,p-Xylene	< 2.00	ug/L		10/30/2019 18:35

Lab Project ID: 195250

Client: **Bausch & Lomb**

Project Reference: Semiannual Monitoring

Sample Identifier:	CH 7		
Lab Sample ID:	195250-08	**Date Sampled:**	10/24/2019
Matrix:	Groundwater	**Date Received:**	10/25/2019

Methylene chloride	< 5.00	ug/L		10/30/2019 18:35
o-Xylene	< 2.00	ug/L		10/30/2019 18:35
Styrene	< 5.00	ug/L		10/30/2019 18:35
Tetrachloroethene	< 2.00	ug/L		10/30/2019 18:35
Toluene	< 2.00	ug/L		10/30/2019 18:35
trans-1,2-Dichloroethene	< 2.00	ug/L		10/30/2019 18:35
trans-1,3-Dichloropropene	< 2.00	ug/L		10/30/2019 18:35
Trichloroethene	< 2.00	ug/L		10/30/2019 18:35
Trichlorofluoromethane	< 2.00	ug/L		10/30/2019 18:35
Vinyl acetate	< 5.00	ug/L		10/30/2019 18:35
Vinyl chloride	< 2.00	ug/L		10/30/2019 18:35

Surrogate	**Percent Recovery**	**Limits**	**Outliers**	**Date Analyzed**
1,2-Dichloroethane-d4	**113**	70.5 - 135		10/30/2019 18:35
4-Bromofluorobenzene	**86.0**	62 - 127		10/30/2019 18:35
Pentafluorobenzene	**96.3**	87 - 113		10/30/2019 18:35
Toluene-D8	**91.9**	80.8 - 115		10/30/2019 18:35

Method Reference(s): EPA 8260C
EPA 5030C

Data File: x65790.D

Analytical Report Appendix

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

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

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

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

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

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

“<” = Analyzed for but not detected at or above the quantitation limit.
“E” = Result has been estimated, calibration limit exceeded.
“Z” = See case narrative.
“D” = Sample, Laboratory Control Sample, or Matrix Spike Duplicate results above Relative Percent Difference limit.
“M” = Matrix spike recoveries outside QC limits. Matrix bias indicated.
“B” = Method blank contained trace levels of analyte. Refer to included method blank report.
“J” = Result estimated between the quantitation limit and half the quantitation limit.
"L" = Laboratory Control Sample recovery outside accepted QC limits.
“P” = Concentration differs by more than 40% between the primary and secondary analytical columns.
"NC" = Not calculable. Applicable to RPD if sample or duplicate result is non-detect or estimated (see primary report for data flags). Applicable to MS if sample is greater or equal to ten times the spike added. Applicable to sample surrogates or MS if sample dilution is 10x or higher.
"" = Indicates any recoveries outside associated acceptance windows. Surrogate outliers in samples are presumed matrix effects. LCS demonstrates method compliance unless otherwise noted.*
"(1)" = Indicates data from primary column used for QC calculation.
"A" = denotes a parameter for which ELAP does not offer approval as part of their laboratory certification program.
"F" = denotes a parameter for which Paradigm does not carry certification, the results for which should therefore only be used where ELAP certification is not required, such as personal exposure assessment.

GENERAL TERMS AND CONDITIONS
LABORATORY SERVICES

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

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

Scope and Compensation. LAB agrees to perform the services described in the chain of custody to which these terms and conditions are attached. Unless the parties agree in writing to the contrary, the duties of LAB shall not be construed to exceed the services specifically described. LAB wi use LAB default method for all tests unless specified otherwise on the Work Order.
Payment terms are net 30 days from the date of invoice. All overdue payments are subject to an interest charge of one and one-half percent (1-1/2%) per month or a portion thereof. Client shall also be responsible for costs of collection, including payment of reasonable attorney fees if such expense is incurred. The prices, unless stated, do not include any sale, use or other taxes. Such taxes will be added to invoice prices when required.

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

Limitations of Liability. In the event of any error, omission, or other professional negligence, the sole and exclusive responsibility of LAB shall be to re-perform the deficient work at its own expense and LAB shall have no other liability whatsoever. All claims shall be deemed waived unless made in writing and received by LAB within ninety (90) days following completion of services.
LAB shall have no liability, obligation, or responsibility of any kind for losses, costs, expenses, or other damages (including but not limited to any special, direct, incidental or consequential damages) with respect to LAB's services or results.
All results provided by LAB are strictly for the use of its clients and LAB is in no way responsible for the use of such results by clients or third parties. All reports should be considered in their entirety, and LAB is not responsible for the separation, detachment, or other use of any portion of these reports. Client may not assign the lab report without the written consent of the LAB.
Client covenants and agrees, at its/his/her sole expense, to indemnify, protect, defend, and save harmless the LAB from and against any and all damages, losses, liabilities, obligations, penalties, claims, litigation, demands, defenses, judgments, suits, actions, proceedings, costs, disbursements and/or expenses (including, without limitation attorneys' and experts' fees and disbursements) of any kind whatsoever which may at any time be imposed upon, incurred by or asserted or awarded against client relating to, resulting from or arising out of (a) the breach of this agreement by this client, (b) the negligence of the client in handling, delivering or disclosing any hazardous substance, (c) the violation of the Client of any applicable law, (d) non-compliance by the Client with any environmental permit or (e) a material misrepresentation in disclosing the materials to be tested.

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

Sample Handling. Prior to LAB's acceptance of any sample (or after any revocation of acceptance), the entire risk of loss or of damage to such sample remains with Client. Samples are accepted when receipt is acknowledged on chain of custody documentation. In no event will LAB have any responsibility for the action or inaction of any carrier shipping or delivering any sample to or from LAB premises.
Client authorizes LAB to proceed with the analysis of samples as received by the laboratory, recognizing that any samples not in compliance with all current DOH-ELAP-NELAP requirements for containers, preservation or holding time will be noted as such on th final report.
Disposal of hazardous waste samples is the responsibility of the Client. If the Client does not wish such samples returned, LAB may add storage and disposal fees to the final invoice. Maximum storage time for samples is 30 days after completion of analysis unless modified by applicable state or federal laws. Client will be required to give the LAB written instructions concerning disposal of these samples.
LAB reserves the absolute right, exercisable at any time, to refuse to receive delivery of, refuse to accept, or revoke acceptance of any sample, which, in the sole judgment of LAB (a) is of unsuitable volume, (b) may be or become unsuitable for or may pose a risk in handling, transport, or processing for any health, safety, environmental or other reason whether or not due to the presence in the sample of any hazardous substance, and whether or not such presence has been disclosed to LAB by Client or (c) if the condition or sample date make the sample unsuitable for analysis.

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

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

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

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

179 Lake Avenue, Rochester, NY 14608 Office (585) 647-2530 Fax (585) 647-3311

1 of 2

CHAIN OF CUSTODY

PARADIGM ENVIRONMENTAL SERVICES, INC

REPORT TO:		INVOICE TO:		
CLIENT:	Bausch & Lomb	CLIENT:	Same	LAB PROJECT ID: 195250
ADDRESS:	1400 N. Goodman St.	ADDRESS:		
CITY:	Rochester STATE: NY ZIP: 14609	CITY:	STATE: ZIP:	Quotation #: MS 060302A
PHONE:	585-338-5037	PHONE:		Email: Frank.Chiappone@bausch.com
ATTN:	Frank Chiappone	ATTN:		

PROJECT REFERENCE

Semiannual Monitoring

Matrix Codes:
AQ - Aqueous Liquid; NQ - Non-Aqueous Liquid; WA - Water; WG - Groundwater; DW - Drinking Water; WW - Wastewater; SO - Soil; SL - Sludge; SD - Solid; PT - Paint; WP - Wipe; CK - Caulk; OL - Oil; AR - Air

REQUESTED ANALYSIS

DATE COLLECTED	TIME COLLECTED	COMPOSITE	GRAB	SAMPLE IDENTIFIER	MATRIX CODES	NUMBER OF CONTAINERS	Site Specific Volatiles									REMARKS	PARADIGM LAB SAMPLE NUMBER
10/23/19	9:00		X	BEW 120	WG	2	X										01
10/23/19	9:35		X	EW 130	WG	2	X										02
10/23/19	10:06		X	EW 160	WG	2	X										03
10/23/19	11:20		X	EW 150	WG	2	X										04
10/24/19	12:44		X	EW 140	WG	2	X										05
10/24/19	9:16		X	CH3D	WG	2	X										06
10/24/19	10:20		X	CH6D	WG	2	X										07
10/24/19	11:06		X	CH7	WG	2	X										08
			X		WG	2	X									Also email: Scott Powlin, Chris Kassel	
			X		WG	2	X										

Turnaround Time		Report Supplements			
Availability contingent upon lab approval; additional fees may apply.					
Standard 5 day	X	None Required		None Required	
10 day		Batch QC		Basic EDD	
Rush 3 day		Category A		NYSDEC EDD	X
Rush 2 day		Category B			
Rush 1 day					
Other please indicate date needed:		Other please indicate package needed:		Other EDD please indicate EDD needed:	

Sampled By — Date/Time: 10/24/19 12:30

Relinquished By — Date/Time: 10/25/19 9:10

Received By — Date/Time: 10/25/19 0910

Received @ Lab By — Date/Time: 10/25/19 10:02

3°C iced 10/25/19 09:47

Total Cost:

P.I.F.

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

See additional page for sample conditions.

Chain of Custody Supplement

Client: Bausch + Lomb **Completed by:** Glenn Pezzulo

Lab Project ID: 195250 **Date:** 10/25/19

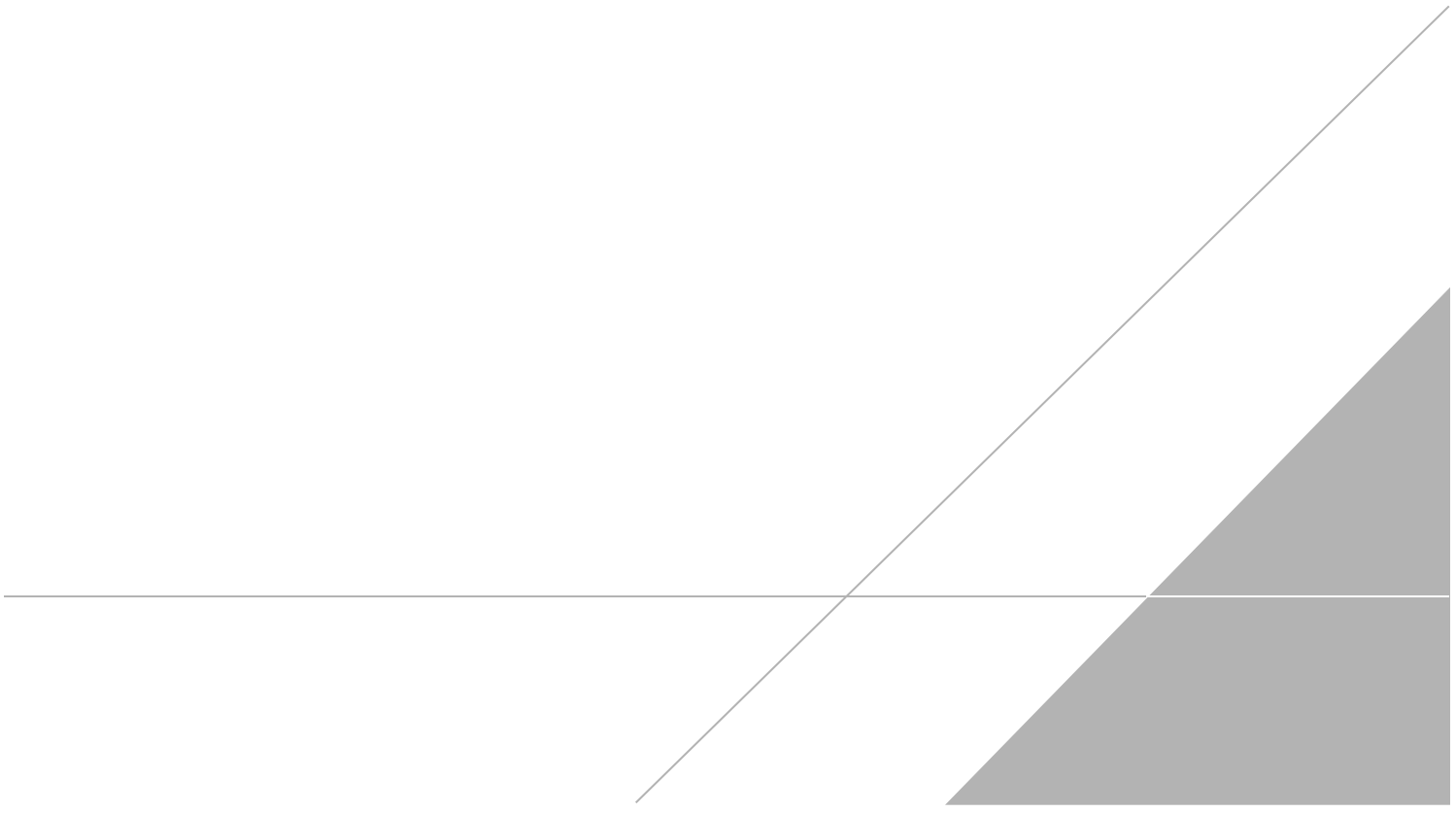
Sample Condition Requirements

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

Condition	*NELAC compliance with the sample condition requirements upon receipt* Yes	No	N/A
Container Type	X		
Comments			
Transferred to method-compliant container			X
Headspace (<1 mL)	X		
Comments			
Preservation			X
Comments			
Chlorine Absent (<0.10 ppm per test strip)			X
Comments			
Holding Time	X		
Comments			
Temperature	X		
Comments	3°C iced		
Compliant Sample Quantity/Type	X		
Comments			

APPENDIX 6

Sub-Slab Depressurization Systems Performance



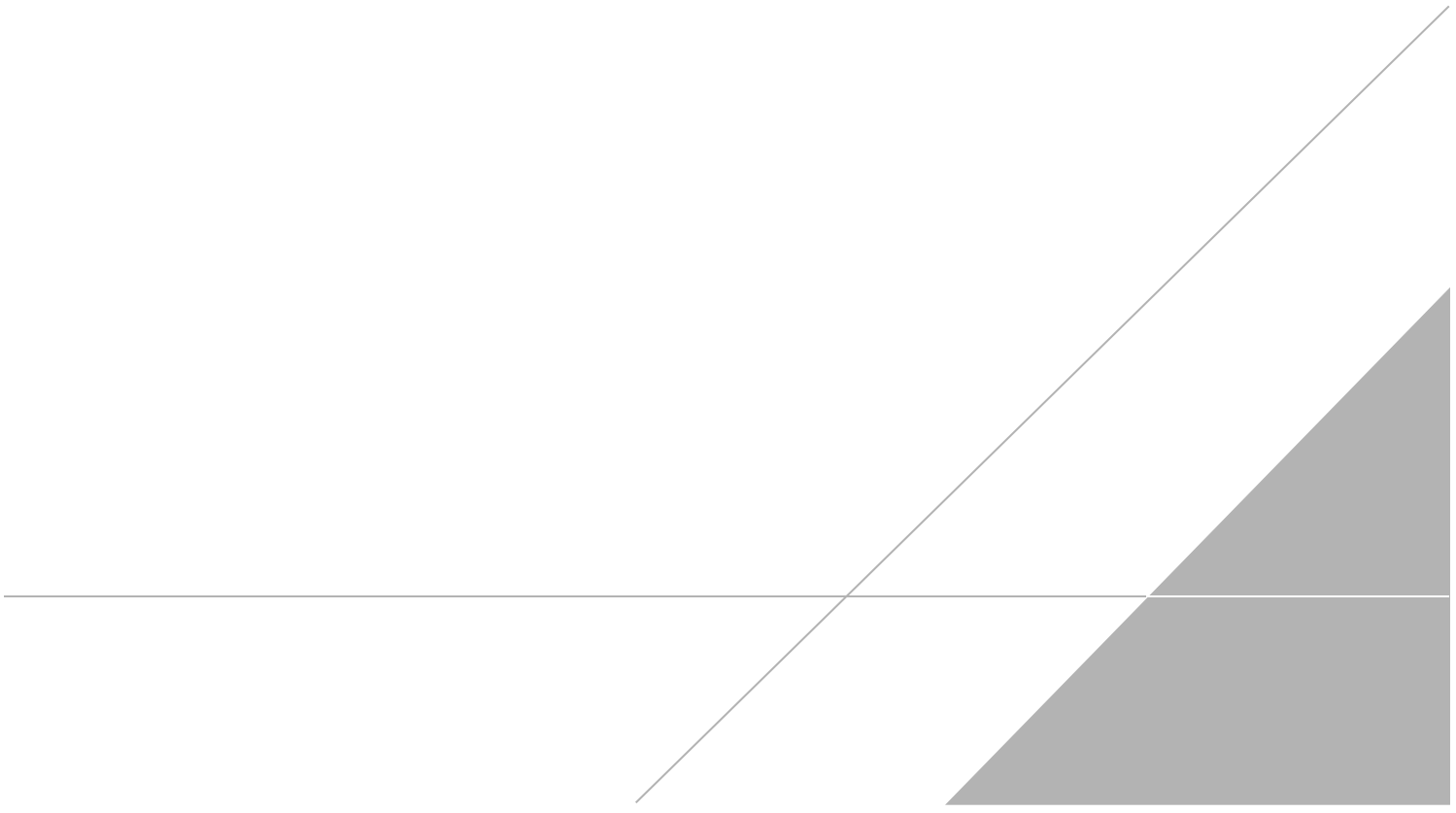
APPENDIX 6. SUB-SLAB DEPRESSURIZATION SYSTEMS PERFORMANCE

This appendix summarizes the performance of the sub-slab depressurization systems (SSDSs):

- Major maintenance problems encountered during the year:
  - None.
- Summary table of system pressure monitoring data:
  - See Table 5.
- List of prolonged sub-slab depressurization systems downtime, the reasons for the downtime and the corrective measures completed:
  - The suction fan at SV-13 was found to be malfunctioning in June 2019 and was replaced on June 6, 2019.
- Any system modifications that occurred during the year. Since the pilot study ended in January 2007, the following modifications have been made:
  - In August 2007, two additional suction points were added and connected to nearby fans, which included one near the SV-6 sampling location in the former dry well area (suction point SV-1NC vented to exhaust point SV-1NX) and one near the SV-11 sampling location in the former plating pit area (suction point SV-4SA vented to exhaust point SV-4SX).
  - In February 2008, an additional SSDS was installed near SV-13 in the former wastewater treatment area (comprising one fan and suction point SV-13 and exhaust point SV-13X).
  - In 2012, it was discovered that the heating system within the SSDS mitigation area had been changed by the property owner. Based on January 2012 correspondence with the NYSDEC, Bausch and Lomb completed a list of actions outlined in the 2011 Annual Report to evaluate whether the changes to the heating system have affected the efficiency of the SSDS. The efficiency of the SSDS remained as intended. The memorandum summarizing the inspection activities that occurred in February 2013 is included as Appendix 10 to the 2012 PRR.
  - In 2019 a new hardline telephone line was installed for system call out.

APPENDIX 7

Sub-Slab Depressurization Systems Monitoring and Maintenance Reports



FIELD FORM
PILOT STUDY MEASUREMENTS

BAUSCH & LOMB
FORMER FRAME CENTER
CHILI, NEW YORK

Location	Date	Time	System Manometer Reading (negative inches of water)	Comments
Dry Well (SV-1N)	1/9/19	12:30	1.5	
Dry Well (SV-1S)	"	"	4.0	
Plating North (SV-4N)	"	"	2.2	
Plating South (SV-4S)	"	"	3.5	
Bldg 41 (SV-5)	"	"	3.7	
WWT Area (SV-13)	"	"	3.5	
Dry Well (SV-1N)	2/6/19	1:18	1.5	
Dry Well (SV-1S)	"	"	4.0	
Plating North (SV-4N)	"	"	2.2	
Plating South (SV-4S)	"	"	3.7	
Bldg 41 (SV-5)	"	"	2.8	
WWT Area (SV-13)	"	"	3.5	

FIELD FORM
PILOT STUDY MEASUREMENTS

BAUSCH & LOMB
FORMER FRAME CENTER
CHILI, NEW YORK

Location	Date	Time	System Manometer Reading (negative inches of water)	Comments
Dry Well (SV-1N)	3/8/19	12:52	1.4	
Dry Well (SV-1S)	"	"	3.9	
Plating North (SV-4N)	"	"	2.2	
Plating South (SV-4S)	"	"	3.6	
Bldg 41 (SV-5)	"	"	2.8	
WWT Area (SV-13)	"	"	3.5	
Dry Well (SV-1N)	4/19/19	12:57	1.3	
Dry Well (SV-1S)	"	"	4.0	
Plating North (SV-4N)	"	"	2.3	
Plating South (SV-4S)	"	"	3.3	
Bldg 41 (SV-5)	"	"	2.8	
WWT Area (SV-13)	"	"	3.5	

FIELD FORM
PILOT STUDY MEASUREMENTS

BAUSCH & LOMB
FORMER FRAME CENTER
CHILI, NEW YORK

Location	Date	Time	System Manometer Reading (negative inches of water)	Comments
Dry Well (SV-1N)	5/13/19	11:23	1.4	
Dry Well (SV-1S)	"	"	4.0	
Plating North (SV-4N)	"	"	2.4	
Plating South (SV-4S)	"	"	3.5	
Bldg 41 (SV-5)	"	"	3.1	
WWT Area (SV-13)	"	"	3.5	
Dry Well (SV-1N)	6/5/19	1:00	1.4	
Dry Well (SV-1S)	"	"	4.0	
Plating North (SV-4N)	"	"	2.5	
Plating South (SV-4S)	"	"	3.3	
Bldg 41 (SV-5)	"	"	3.2	
WWT Area (SV-13)	6/6/19	"	0/3.5	Issue w/ unit. Follow up w/ Buckingham scheduled. Mitigation Tech Replaced Fan on 6/6/19 System operating okay.

FIELD FORM
PILOT STUDY MEASUREMENTS

BAUSCH & LOMB
FORMER FRAME CENTER
CHILI, NEW YORK

Location	Date	Time	System Manometer Reading (Negative inches of water)	Comments
Dry Well (SV-1N)	7/11/19	11:53	1.4	
Dry Well (SV-1S)	"	"	4.0	
Plating North (SV-4N)	"	"	3.2	
Plating South (SV-4S)	"	"	3.6	
Bldg 41 (SV-5)	"	"	1.2	system operating - needs new manometer tubing
WWT Area (SV-13)	"	"	3.4	
Dry Well (SV-1N)	8/5/19	1:50	1.5	
Dry Well (SV-1S)	"	"	4.0	
Plating North (SV-4N)	"	"	2.7	
Plating South (SV-4S)	"	"	3.2	
Bldg 41 (SV-5)	"	"	2.5	
WWT Area (SV-13)	"	"	3.6	

FIELD FORM
PILOT STUDY MEASUREMENTS

BAUSCH & LOMB
FORMER FRAME CENTER
CHILI, NEW YORK

Location	Date	Time	System Manometer Reading (negative inches of water)	Comments
Dry Well (SV-1N)	9/5/19	12:40	1.5	
Dry Well (SV-1S)	"	"	4.0	
Plating North (SV-4N)	"	"	2.5	
Plating South (SV-4S)	"	"	3.3	
Bldg 41 (SV-5)	"	"	~~3.5~~ 1.5	
WWT Area (SV-13)	"	"	3.5	
Dry Well (SV-1N)	10/7/19	12:18	1.5	
Dry Well (SV-1S)	"	"	4.0	
Plating North (SV-4N)	"	"	2.4	
Plating South (SV-4S)	"	"	3.5	
Bldg 41 (SV-5)	"	"	2.5	
WWT Area (SV-13)	"	"	3.5	

FIELD FORM
PILOT STUDY MEASUREMENTS

BAUSCH & LOMB
FORMER FRAME CENTER
CHILI, NEW YORK

Location	Date	Time	System Manometer Reading (negative inches of water)	Comments
Dry Well (SV-1N)	11/6/19	11:00	1.4	
Dry Well (SV-1S)	"	"	4.0	
Plating North (SV-4N)	"	"	2.2	
Plating South (SV-4S)	"	"	3.6	
Bldg 41 (SV-5)	"	"	2.1	
WWT Area (SV-13)	"	"	3.7	
Dry Well (SV-1N)	12/12/19	11:14	1.4	
Dry Well (SV-1S)	"	11:14	4.0	
Plating North (SV-4N)	"	"	2.2	
Plating South (SV-4S)	"	"	3.7	
Bldg 41 (SV-5)	"	"	1.0	
WWT Area (SV-13)	"	"	3.5	

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