



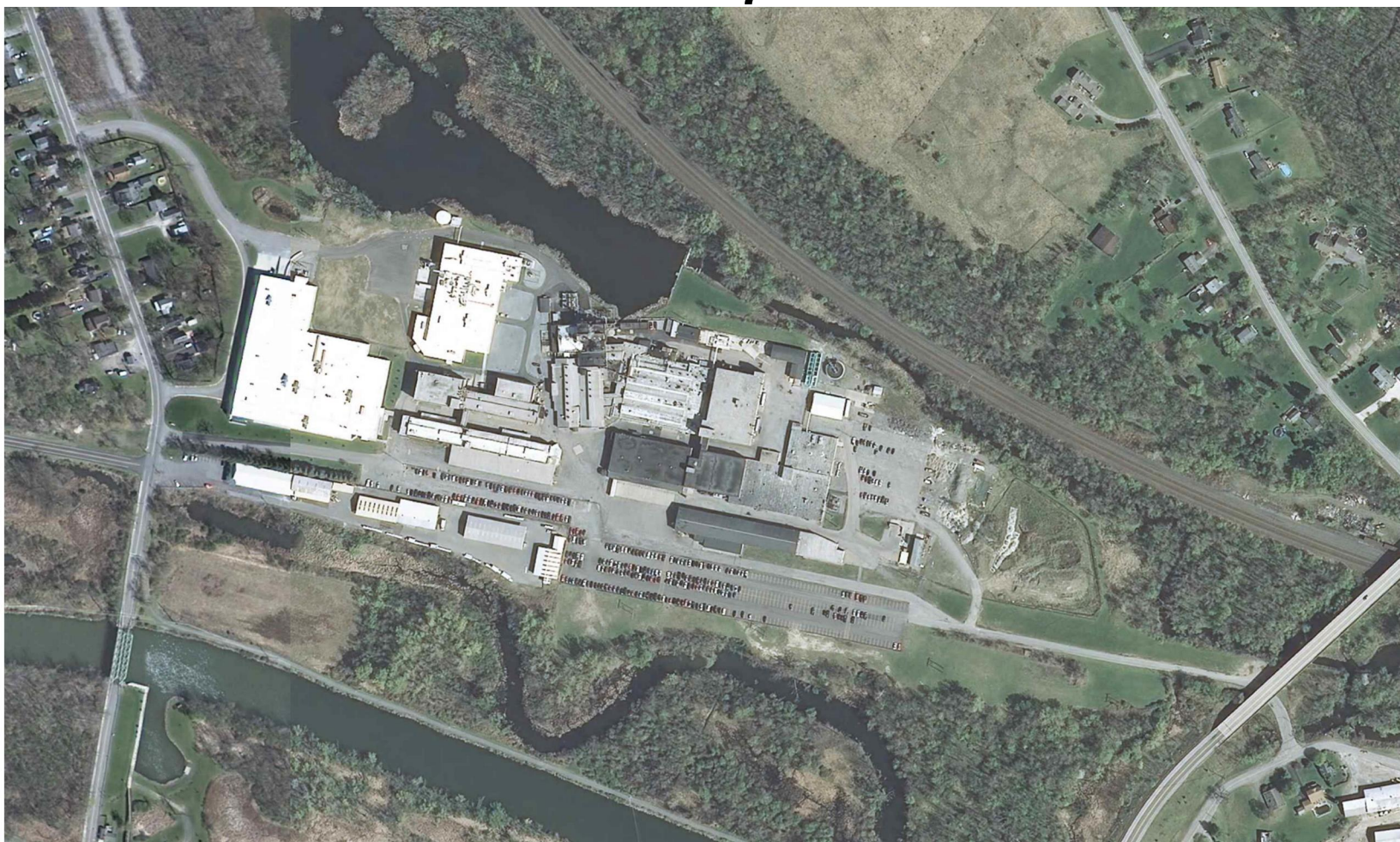
Periodic Review Report

**Site No. 3 BCP Site (BCP Site # C859028)
Reporting Period: April 21, 2020 to April 21,
2021**

Garlock Sealing Technologies, LLC

July 16, 2021

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1. Introduction

1.1 Purpose of this Report

This Periodic Review Report (PRR) is being submitted on behalf of Garlock Sealing Technologies, LLC (Garlock) for the Site No. 3 Brownfield Cleanup Program (BCP) Site (Site No. C859028, Brownfield Cleanup Agreement Index# B8-0690-05-04B) located at 1666 Division Street, Town of Palmyra, Wayne County, New York (Figure 1). The purpose of this PRR and attached documents, is to document that institutional and engineering controls, as described in the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP) and the filed Environmental Easement, are in place in accordance with 6NYCRR Part 375-3. The following elements are included in this report:

- A complete description of all institutional controls (ICs) and engineering controls (ECs) employed at the Site.
- An evaluation of the plans developed for implementation of the engineering and institutional controls, regarding the continued effectiveness of any institutional and/or engineering controls required by the decision document for the Site.
- The most recent institutional and engineering controls certification form, as issued by the NYSDEC, completed and included as Appendix A.
- Data tables and figures depicting results of periodic groundwater monitoring activities conducted on-Site.
- Figures from the Site Management Plan depicting engineering controls.
- Excavation documentation, waste characterization documentation, and disposal manifests, as appropriate.
- Adjoining property ownership information.
- Sub-slab depressurization system (SSDS) inspection checklists.
- Annual Site inspection forms.

1.2 Scope and Limitations

This report: has been prepared by GHD for Garlock Sealing Technologies, LLC and may only be used and relied on by Garlock Sealing Technologies, LLC for the purpose agreed between GHD and Garlock Sealing Technologies, LLC as set out in this report.

GHD otherwise disclaims responsibility to any person other than Garlock Sealing Technologies, LLC arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

The services undertaken by GHD in connection with preparing this report were limited to those specifically detailed in the report and are subject to the scope limitations set out in the report.

The opinions, conclusions and any recommendations in this report are based on conditions encountered and information reviewed at the date of preparation of the report. GHD has no responsibility or obligation to update this report to account for events or changes occurring subsequent to the date that the report was prepared.

The opinions, conclusions and any recommendations in this report are based on assumptions made by GHD described in this report. GHD disclaims liability arising from any of the assumptions being incorrect.

GHD has prepared this report on the basis of information provided by Garlock Sealing Technologies, LLC and others who provided information to GHD (including Government authorities), which GHD has not independently verified or checked beyond the agreed scope of work. GHD does not accept liability in connection with such unverified information, including errors and omissions in the report which were caused by errors or omissions in that information.

The opinions, conclusions and any recommendations in this report are based on information obtained from, and testing undertaken at or in connection with, specific sample points. Site conditions at other parts of the site may be different from the site conditions found at the specific sample points.

Investigations undertaken in respect of this report are constrained by the particular site conditions, such as the location of buildings, services, and vegetation. As a result, not all relevant site features and conditions may have been identified in this report.

Site conditions (including the presence of hazardous substances and/or site contamination) may change after the date of this Report. GHD does not accept responsibility arising from, or in connection with, any change to the site conditions. GHD is also not responsible for updating this report if the site conditions change.

1.3 Certification Period

As of the date of this report, Garlock has not received the NYSDEC Institutional and Engineering Controls Certification Form for the current reporting period. As a result, the most recent form (NYSDEC, March 12, 2015) for this Site was used, and the Certification Period dates were modified accordingly.

The Site No. 3 Site Certificate of Completion (COC) was issued in December 2011. This PRR discusses maintenance and monitoring activities for the period between April 21, 2020 and April 21, 2021. During this certification period, Garlock personnel performed regular inspections of the engineering controls on-Site, including the SSDSs and soil cover system; monitored activities conducted on Site No. 3; and maintained records for inclusion in this PRR. GHD Consulting Services Inc. (GHD) personnel performed 2nd, 3rd, and 4th quarter 2020 and 1st quarter 2021 groundwater monitoring in June, September, and December 2020, and March 2021, respectively. As part of preparing this PRR submittal, GHD personnel also completed an annual Site inspection of the institutional and engineering controls at the Site on April 19, 2021 (Appendix F).

2. Site Overview

2.1 Background

Garlock owns and operates a manufacturing facility located in the Town of Palmyra, Wayne County, New York (tax map no. 064111-00-5) where they have been making and distributing gaskets and seals for more than 100 years. The Site is approximately 28.9 acres of the larger manufacturing facility and is bounded by Red Creek to the north; Kent Street and New York State Route 21 to the east; Mud Creek and a commercial lumber yard operated by Santelli Lumber to the south; and Garlock's Gylon and Klozures BCP Sites (BCP Sites No. C859027 and C859001, respectively) to the west (Figure 2).

As part of a modernization process, Garlock entered into the New York State BCP to address historic Site contamination. The overall manufacturing site managed under the BCP includes approximately 45 acres, along with two other BCP sites in addition to Site No. 3. The two additional BCP sites include the Klozures Site (BCP Site No. C859001), consisting of approximately 7 acres; and the Gylon Site (BCP Site No. C859027), consisting of approximately 8.7 acres. The Klozures and Gylon BCP Sites are addressed in separate PRRs. Site No. 3, which is the subject of this PRR, consists of approximately 28.9 acres. Figure 2 depicts the layout of the Site No. 3 BCP Site and also depicts the individual AOCs discussed in this PRR.

A comprehensive Remedial Investigation (RI) completed at the Site identified volatile organic compound impacts in seven (7) discrete areas designated as AOC-1, -2, -3, -4, -5, the Carbon Tet AOC, and the Tank Farm AOC (Figure 2). Chlorinated organics and other volatile organic compounds were impacting groundwater in each of these AOCs. In addition, an eighth AOC was identified in the impoundment of Red Creek near the powerhouse due to identification of sediments that were impacted by polychlorinated biphenyls (PCBs). This AOC was identified as the Sediment AOC (Figure 2).

Remedial actions at the eight (8) AOCs included:

- In-Situ chemical oxidation (ISCO) for AOC-1 and AOC-2
- Source removal for AOC-3, AOC-4, the Sediment AOC, and the Tank Farm AOC
- In-situ chemical reduction for AOC-5 and the Carbon Tet AOC

Based on the presence of volatile organics in groundwater, SSDSs were installed in occupied buildings located on Site No. 3 in 2011, including Buildings 8, 14, 15, 17/17A, 20, 25, and 31 (Figure 2). At that time, the NYSDEC and the New York State Department of Health (NYSDOH) agreed that SSDSs were not required for Buildings 9 and 24 due to their construction and operating characteristics. Following the issuance of the COC, Garlock modified Building 24, at which point it was determined that an SSDS was required. As a result, an SSDS was installed in Building 24 in 2015 – 2016. The purpose of the SSDSs is to mitigate the potential for migration of volatile organic vapors from the subsurface into occupied buildings via soil vapor intrusion.

As defined later in this document, there are also deed restrictions and engineering controls at the Site that must be maintained due to the potential for remaining contamination.

2.2 Site History

Site No. 3 is a portion of a parcel of land that has been under the ownership and control of Garlock for more than 100 years. The land owned by Garlock totals approximately 140 acres, approximately 45 acres of which are in the BCP. Site No. 3 is one of three contiguous BCP sites owned by Garlock.

Throughout its history, Garlock has manufactured gaskets and seals of many varieties and sizes for use in various industries. The history of use of the property and the recognized environmental conditions (RECs) are discussed in a Phase I Environmental Site Assessment (Ecology and Environment, September 2003). The RECs identified in the Phase I ESA were further discussed and characterized during investigations conducted by Conestoga Rovers and Associates. A summary of these previous environmental investigations and the Remedial Investigation conducted under the Brownfield Cleanup Agreement (BCA) is included in the Remedial Investigation Report (S&W Redevelopment of North America, LLC [SWRNA], May 2008). The RECs identified in the Phase I ESA and characterized during the Remedial Investigation were the focus of the remedial activities completed at the Site.

Remedial activities at the Site occurred under several Remedial Action Work Plans (RAWP) and Remedial Design Documents (RDD), each of which were prepared for specific AOCs, including:

- AOC-3 and AOC-4 Interim Remedial Measures Work Plan (SWRNA, September 2008)
- AOC-1 RDD (SWRNA, November 2008)
- Toluene Tank Farm Soil Excavation Work Plan (SWRNA, October 2009)
- AOC-2 RDD (SWRNA, March 2011)
- AOC-5 RDD (SWRNA, July 2011)
- Sediment RDD (SWRNA, July 2011)
- Sub-Slab Depressurization System Design Document (SWRNA, July 2011)
- Carbon Tet RDD (SWRNA, August 2011).
- Building 24 Soil Vapor Intrusion Mitigation Work Plan (GHD, February 2015)
- Building 24 SSDS Design Document (GHD, May 2015)

Each of the above documents:

- identified the remedial goals and remedial action objectives
- discussed the remedy selection
- summarized remedial action pilot test findings, if any

- summarized the sub-slab communication testing findings, if any
- outlined the remedial design for the proposed remedial approach.

The proposed remedial approach was to remediate the Site to a Track 4 Restricted Use by meeting the Industrial Use Soil Cleanup Objectives (SCOs). This remediation approach included implementation of source removals, groundwater remedies, and engineering/institutional controls.

A summary of the Remedial Actions taken is as follows:

- **AOC-1:** This area of concern was a zone of groundwater impacted primarily with trichloroethene (TCE) and its degradation byproducts cis-dichloroethene (cis-DCE) and vinyl chloride (VC). The target treatment zone was about 1,000 square feet. ISCO was used to treat contaminated groundwater via injection of potassium permanganate solution into 17 injection wells. Groundwater monitoring is ongoing at six groundwater observation wells in this area on an annual basis.
- **AOC-2:** This area of the Site is adjacent to the banks of Red Creek and encompasses an approximate 7,565 square foot area. Groundwater in this area is impacted by TCE, cis-DCE, and VC. ISCO was performed in this area by injecting a solution of sodium permanganate into 18 injection wells. The results of the injection continue to be monitored at five downgradient groundwater observation wells on a quarterly basis.
- **AOC-3 and AOC-4:** These two (2) areas of contamination were identified within the eastern portion of the Site during installation of RI groundwater monitoring wells. Groundwater samples taken from well OW3-2 in AOC-3 and well OW4-3 in AOC-4 identified concentrations of VOCs suggesting the likely presence of non-aqueous phase liquid (NAPL). A test pit investigation centered on the affected wells was implemented based on the identified concentrations in groundwater samples. The test pit investigation identified contaminated soil, debris, and containers containing NAPL. Based on these findings, a source removal IRM was completed that included excavation and disposal of approximately 355 cubic yards of soil from AOC-3 and 70 cubic yards of soil from AOC-4. Two (2) groundwater monitoring wells were installed in each AOC to replace the wells that were removed (OW3-2 and OW4-3) during the IRM. These newly installed wells, along with one other well in each AOC, are used to monitor the effects of the AOC-3 and AOC-4 source removal on groundwater quality on a quarterly basis.
- **AOC-5:** Several phases of investigation were completed in AOC-5 to delineate solvent contamination consisting of a discrete area of TCE, cis-DCE, and VC groundwater impacts. The highest concentrations of TCE and cis-DCE were identified beneath Building 15. The area of contamination was treated using an in-situ chemical reduction (ISCR) approach, which consisted of injecting a slurry of zero valent iron and carbon into the subsurface via direct-push soil borings. The remedial approach included treating the area of highest groundwater concentration under Building 15 and injecting a linear treatment array north of Building 15 to serve as a permeable reactive barrier (PRB). Injection activities were completed in August 2011. Monitoring of the performance of the ISCR remedy is on-going in three groundwater observation wells on a quarterly basis.
- **Carbon Tet AOC:** Investigation activities related to the carbon tetrachloride (Carbon Tet) area began in the fall of 2008 when groundwater monitoring well MW-60 was installed and carbon tetrachloride was detected. Several phases of remedial delineation defined the extent of groundwater impacts due to carbon tetrachloride just west of the new Gylon building. The identified area of contamination was treated using an ISCR approach, which consisted of injecting a slurry of zero valent iron and carbon into the subsurface via a total of 28 direct-push soil borings spaced throughout the AOC. Post injection monitoring to determine the effectiveness of the remedy is on-going at three downgradient groundwater observation wells on a quarterly basis.
- **Tank Farm AOC:** In the fall of 2009, toluene-impacted soil and drain piping was removed from the former toluene tank storage area immediately upgradient of AOC-1. The source removal was anticipated to mitigate toluene groundwater impacts. On-going groundwater monitoring continues at two downgradient groundwater observation wells on a quarterly basis.
- **Sediment AOC:** A series of investigations reported in the RI Report and its addenda revealed the presence of PCBs in sediment within the impoundment of Red Creek, northeast of Building 1B. A RDD for removal of approximately 1,333 cubic yards of sediment and replacement with clean fill was approved in August 2011 and implemented in October and November 2011. The sediment removal took place within an approximate 100-foot radius from the location of sediment sample RC-SED-22, as agreed by the NYSDEC and Garlock. The

excavation area within the impoundment of Red Creek was isolated using water filled bladder dams and dewatered to allow for sediment excavation. The removed sediment was dewatered on-Site and, after testing, was beneficially reused as on-Site fill since it was demonstrated to meet Industrial Use SCOs. The sediment was placed in the area of the former ballfield located on the eastern portion of the Site and covered with soil. There is no on-going monitoring associated with this AOC or sediment reuse area.

- **Sub-Slab Depressurization Systems:** Garlock mitigated the potential for soil vapor intrusion into occupied buildings by retrofitting occupied Site No. 3 buildings with SSDSs, except Building 9/9A/9B, Building 11A-A, and Building 32. Building 9/9A/9B is a maintenance shop and is unoccupied. Building 11A-A is occupied by machine pits which prevented the installation of effective suction points. Building 32 is the wastewater treatment plant building and is not occupied. Buildings 8, 14, 15, 17/17A, 20, 24, 25, and 31 all have SSDSs installed that are monitored by Garlock personnel on a monthly basis and maintained as needed.

An Environmental Easement for the Site was filed with the Wayne County Clerk's Office on November 28, 2011. A Site Management Plan, which outlines Site restrictions and requirements of future maintenance and monitoring, was completed in July 2011. A Certificate of Completion (COC) allowing for industrial uses of the Site was received from the NYSDEC in December 2011.

2.3 Additional Resources

The reader of this PRR may refer to previous reports for more detail, as needed. These reports include those discussed above, as well as:

- Remedial Investigation, Brownfield Cleanup Program, Garlock Sealing Technologies, Gylon Brownfield Site, Palmyra, Wayne County, New York, BCP Site #C859027, S&W Redevelopment of North America, LLC, May 2008.
- Remedial Work Plan, Brownfield Cleanup Program, Garlock Sealing Technologies, Gylon Brownfield Site, Palmyra, Wayne County, New York, BCP Site #C859027, SWRNA, July 2008, Revised: September 2008.
- Site Management Plan, Garlock Sealing Technologies Site #3, Wayne County, New York, NYSDEC Site Number: C859028, S&W Redevelopment of North America, LLC, July 2011, Revised: GHD Consulting Services Inc., July 2016.
- Final Engineering Report, Garlock Sealing Technologies Site No. 3, Wayne County, New York, NYSDEC Site Number: C859028, S&W Redevelopment of North America, LLC, December 2011.
- Annual Groundwater Monitoring Report – 2012, Garlock Sealing Technologies Site No. 3, NYSDEC Brownfield Cleanup Program Site #C859028, Village of Palmyra, Wayne County, New York, Lu Engineers, April 2013.
- Annual Groundwater Monitoring Report – 2013, Garlock Sealing Technologies Site No. 3, NYSDEC Brownfield Cleanup Program Site #C859028, Village of Palmyra, Wayne County, New York, Lu Engineers, March 7, 2014.
- Site No. 3 BCP Site (BCP Site #C859028) Periodic Review Report – Dec. 31, 2011 – April 21, 2014, GHD Consulting Services Inc., August 2014.
- Building 24 Soil Vapor Intrusion Mitigation Work Plan, GHD Consulting Services Inc. February 19, 2015.
- Site No. 3 BCP Site #C859028 Annual Groundwater Monitoring Report – 2014, GHD Consulting Services Inc., March 2015.
- Building 24 SSDS Design Document, GHD Consulting Services Inc., May 2015.
- Site No. 3 BCP Site (BCP Site #C859028) Periodic Review Report – April 21, 2014 – April 21, 2015, GHD Consulting Services Inc., June 16, 2015.
- Site No. 3 BCP Site #C859028 Annual Groundwater Monitoring Report – 2015, GHD Consulting Services Inc., February 2016.
- Site No. 3 BCP Site (BCP Site #C859028) Periodic Review Report – April 21, 2015 – April 21, 2016, GHD Consulting Services Inc., June 3, 2016.

- Building 24 SSDS Construction Completion Report, Site No. 3 BCP Site (Site #C859028), GHD Consulting Services Inc., July 2016.
- Site No. 3 BCP Site #C859028 Annual Groundwater Monitoring Report – 2016, GHD Consulting Services Inc., February 2017.
- Site No. 3 BCP Site (BCP Site #C859028) Periodic Review Report – April 21, 2016 – April 21, 2017, GHD Consulting Services Inc., June 1, 2017.
- Site No. 3 BCP Site #C859028 Annual Groundwater Monitoring Report – 2017, GHD Consulting Services Inc., February 20, 2018.
- Site No. 3 BCP Site (BCP Site #C859028) Periodic Review Report – April 21, 2017 – April 21, 2018, GHD Consulting Services Inc., June 15, 2018.
- Site No. 3 BCP Site #C859028 Annual Groundwater Monitoring Report – 2018, GHD Consulting Services Inc., February 27, 2019.
- Site No. 3 BCP Site (BCP Site #C859028) Periodic Review Report – April 21, 2018 – April 21, 2019, GHD Consulting Services Inc., June 13, 2019.
- Site No. 3 BCP Site #C859028 Annual Groundwater Monitoring Report – 2019, GHD Consulting Services Inc., April 2, 2020.
- Site No. 3 BCP Site (BCP Site #C859028) Periodic Review Report – April 21, 2019 – April 21, 2020, GHD Consulting Services Inc., July 2, 2020.
- Site No. 3 BCP Site #C859028 Annual Groundwater Monitoring Report – 2020, GHD Consulting Services Inc., March 2021.

3. Institutional and Engineering Controls

Since remaining contaminated groundwater, soil, and soil vapor potentially exists beneath the Site, institutional controls and engineering controls are required to protect human health and the environment. These ICs and ECs are outlined in the NYSDEC-approved SMP and are described below.

3.1 Institutional Controls

The ICs for the Site are outlined in the NYSDEC-approved SMP (SWRNA, July 2011), (Revised: GHD, July 2016 – awaiting approval), and include the following:

- An Environmental Easement filed with the Wayne County Clerk's Office
- A restriction on the use of groundwater without treatment rendering it safe for its intended purpose and receipt of prior written approval from the NYSDEC, NYSDOH, and County DOH
- An Excavation Work Plan providing guidance for future excavations conducted on-Site
- Groundwater monitoring, SSDS monitoring, and other environmental or public health monitoring, as required
- A use restriction limiting future Site use to industrial use without prior approval of the NYSDEC and NYSDOH
- Confirmation of the land use and ownership of two adjacent parcels, referred to as the "Blazey parcel," identified as Tax ID 64111-08-875806; and the "Santelli parcel," identified as Tax ID 64111-00-821867

3.1.1 Environmental Easement

The Environmental Easement was filed with the Wayne County Clerk's Office on November 28, 2011 and a review of the County's online database (<http://web.co.wayne.ny.us/county-clerk/county-clerk-indexes/>) on May 14, 2021 indicated that the Easement is recorded, but no electronic copy is available for review.

3.1.2 Groundwater

Groundwater is not being used at the Site since the Site is serviced by a municipal water supply system.

3.1.3 Excavations

Excavations requiring compliance with the Excavation Work Plan have occurred on-Site during this PRR's certification period. Further information is provided in Section 3.2.2.

3.1.4 Groundwater Monitoring

Groundwater monitoring during this reporting period has been completed in accordance with the NYSDEC-approved SMP and subsequent modifications approved by the NYSDEC. Further information is provided in Section 4.

3.1.5 Site Use

The Site is currently used by Garlock for their industrial uses, which has not changed since the NYSDEC issued the COC in December 2011.

3.1.6 Ownership of Adjacent Properties

Based on information obtained from the Wayne County Real Property Tax Services Department website (<http://web.co.wayne.ny.us/wayne-county-real-property-tax-service/real-property-assessment-data/>) on May 14, 2021, the adjacent properties located to the south of Site No. 3 are under the same ownership, and use has not changed. The "Blazey parcel" continues to be owned by Blazey John S Inc. and is still vacant (Appendix E). It should be noted that the portion of the "Blazey parcel" adjoining the Site is land locked with access restricted by Mud Creek and wetlands. The "Santelli parcel" continues to be owned by Arthur Santelli, LLC and is still used as a commercial lumber yard (Appendix E). These uses were also visually confirmed by field observations during the Site inspection conducted by GHD personnel on April 19, 2021.

3.2 Engineering Controls

The ECs for this Site are outlined in the NYSDEC-approved SMP (SWRNA, July 2011), (Revised: GHD, July 2016 – awaiting approval), and include the following:

3.2.1 Sub-Slab Depressurization Systems

Sub-slab depressurization systems were installed in existing Site buildings, including Buildings 8, 14, 15, 17, 17A, 20, 25, and 31, between October and December 2011 by Radon Home Services, Inc. (RHS), a certified radon mitigation contractor. Since issuance of the COC, Garlock contracted with RHS to install an SSDS in Building 24, which occurred during 2015 – 2016. The SSDSs are high-vacuum systems utilizing fans or blowers connected to multiple sub-slab suction points positioned at locations throughout the buildings (Figures 16 through 22 in Appendix C). The systems are designed to operate continuously to create a negative pressure beneath the building slabs in order to mitigate potential soil vapor intrusion issues. The extracted soil vapors are vented to the atmosphere. The NYSDEC and NYSDOH agreed that Buildings 9, 9A, 9B, 11A-A, and 32, which are all located on Site No. 3, did not require SSDSs because they either are not commonly occupied (Building 9, 9A, 9B, and 32) or contain machine pits which limited the ability to install an effective SSDS (Building 11A-A).

Additional information can be found in the Institutional and Engineering Controls Certification Form (Appendix A).

As noted in the Previous PRR (GHD, July 2, 2020), monthly SSDS inspection sheets indicated that gauges on several of the systems were displaying readings that differed from the baseline readings. Based on the continued operation of the blower/fan and based on the gauge readings indicating applied vacuum at the suction risers, it was determined

that it appeared that the SSDSs were functioning properly. However, the change in gauge readings was enough to warrant an assessment of the SSDS to evaluate whether adequate pressure differential still existed in the intended area of sub-slab influence. It was theorized that the change in gauge readings could be the result of the age of the gauges, the elevation of groundwater in the sub-slab environment, or changes within the plenum area at the risers. As a result, it was recommended that two of the SSDSs, which service a total of two Buildings (14 and 24) be assessed to determine if they were still functioning as intended. Garlock retained GHD to complete a limited SSDS pressure field extension (PFE) testing assessment within these buildings to document if the required pressure differential of 0.002 inches of water column (in W.C.) was being maintained by the currently operating systems. GHD completed the assessment in August 2019 and reviewed the findings with Garlock. Based on the findings, it was determined that the SSDSs were generally meeting minimum requirements across the portions of the sub-slabs that could be assessed and it did not appear that adjustments or repairs were necessary at that time.

Monthly system inspections were completed and documented by Garlock personnel from April 2020 through April 2021 in all of the Site buildings (Appendix F). Monthly inspection checklists that were provided by Garlock indicated that the systems were operating continuously with no maintenance requirements identified. During this PRR's certification period, there were three gauges located on the SSDS installed in Building 24 that periodically could not be read, as follows:

- Unable to read gauge 24-3 on September 1, 2020 and October 1, 2020 due to the gauge being blocked/inaccessible. Work was performed by Garlock personnel to relocate the gauge to an area that would be more accessible during future monthly inspections. An official Work Order was not generated in Garlock's system; however, based on the November 2020 monthly inspection, it appears the work was completed during the second half of October 2020. The relocated gauge has been able to be read during each subsequent monthly inspection and readings are similar to those recorded prior to relocating the gauge.
- Unable to read gauges 24-6-2 and 24-6-3 on October 1, 2020 due to the gauge being blocked/inaccessible. The inaccessibility of these gauges was caused by a temporary condition. As a result, no work order for their relocation was submitted and the gauges were able to be read during subsequent inspections.

Readings taken from system gauges during the monthly inspections indicated that the systems were functioning as intended.

On April 19, 2021, as part of the annual Site inspection, GHD personnel observed each accessible Magnehelic gauge located on the SSDS suction risers and accessible SSDS blowers. The pressure readings from accessible gauges and other observations were recorded on individual building inspection checklists (Appendix F). At the time of GHD's inspection, the SSDSs that were observed were operating and functioning as intended; however, the following maintenance items were noted:

- The elbow at the base of suction riser 20-8 in Building 20 was cracked and needs to be repaired.
- Suction riser 8-3 in Building 8 has a crack in the pipe at its base and needs to be repaired.

These items will be addressed by Garlock personnel outside of this PRR's certification period and relevant documentation will be maintained for inclusion in the next PRR.

3.2.2 Soil Cover Engineering Control

Exposure to potential remaining contamination in soil/historic fill at the Site is mitigated by a soil cover system in place over the entirety of the Site. This soil cover system is comprised of either a minimum of 12 inches of clean soil or crushed stone, existing asphalt pavement, existing concrete-covered sidewalks, or existing concrete building slabs. The location of the soil cover system is depicted on Figure 6 in Appendix C.

The previous PRR (GHD, July 2, 2020) noted one item that was being addressed during this PRR Certification Period:

1. Areas of the Site's surface soil that were disturbed (tire rutting and scraped surface soil) from what appeared to be snow removal activities were regraded and seeded. Additional soil was not required and as a result, no soil was delivered to the Site.

The Excavation Work Plan included in the NYSDEC-approved SMP outlines the procedures required to be implemented in the event the cover system is breached, penetrated, or temporarily removed, and any underlying potential remaining contamination is disturbed.

The soil cover system was reportedly breached as the result of one project completed within this PRR's certification period. The project is described below, the location shown on Figure 3, and provided documentation of the work is included in Appendix D.

- Garlock removed three isolated areas of asphalt pavement and installed three new exterior lights in the Building 25 parking lot. Asphalt removal occurred on August 7, 2020, August 12, 2020, and August 18, 2020. No soils requiring management were generated as part of these activities and the areas were covered by concrete light pole bases and/or asphalt pavement. There were no significant changes to the established soil cover engineering controls in this portion of the Site following completion of the work. Air monitoring was performed during excavation activities for volatile organic vapors using a photoionization detector and for airborne particulate matter using a particulate meter. VOC concentrations were not reported in excess of the CAMP action level (5 parts per million above background) and particulate matter concentrations also did not exceed the CAMP action level (100 ug/m³ above background).

During the annual Site inspection completed on April 19, 2021, it was noted that the soil cover system adjacent to roadways throughout the campus and south of the southern parking lot was rutted, apparently due to damage caused by snow removal activities. Although the soil cover system was still in place, it was noted that these areas needed to be regraded and reseeded in order to mitigate potential soil erosion. Due to scheduling and weather constraints the repair of the rutting, which may include importing topsoil if needed, is to be completed outside of this PRR's certification period under Work Order # M-106970 (Appendix E).

3.2.2.1 Soil Management

During this PRR's certification period, no excavations occurred on-Site that generated excess soils requiring management, as discussed above.

Excess soils from on-Site and on-Property activities completed during this and previous PRR certification periods are stockpiled on asphalt pavement in the designated soil staging area east of Building 25, encircled with hay bales and covered with poly sheeting. Soil stockpiles currently present are in the process of being characterized for appropriate management. The covers and perimeter berms should be maintained as needed by Garlock personnel to preclude migration of soils away from the stockpiles until the soils are characterized and removed.

During the annual inspection it was noted that the plastic sheeting cover over the stockpiled materials on-Site needed to be replaced. Garlock should replace the cover and should continue to periodically monitor the soil stockpiles and make repairs as necessary to maintain the plastic cover and perimeter berms.

Soils disposed of during this PRR certification period include soils stockpiled from excavation activities that occurred during prior PRR certification periods, which were documented in previous PRRs, as follows:

1. Two rollofs, totaling approximately 56,000 pounds, of soil were transported from the Site on May 21 and 28, 2020. This soil was characterized as a hazardous waste, with Waste Code F002, and was transported to the Michigan Disposal Waste Treatment Plant in Belleville, Michigan for disposal (Appendix D).
2. Seven dump trailers, totaling approximately 308,000 pounds, of soil was transported from the Site on May 12 and 13, 2020. The soil was characterized as non-hazardous soil and was transported to Waste Management's High Acres Landfill in Fairport, New York for disposal (Appendix D).

3.2.2.2 Groundwater Management

No excavation activities generated dewatering water requiring management during this PRR certification period.

3.3 Recommendations and Corrective Measures Summary 2019-2020

The previous PRR (GHD, July 2, 2020) identified one (1) recommendation/corrective measure that needed to be addressed by Garlock. The identified corrective measure was addressed by Garlock (Appendix F), as summarized below:

- Minor repairs were needed to surface soils in grass areas adjacent to asphalt paved roadways and south of the southern parking lot due to damage apparently caused by snow removal activities. Repairs were reportedly completed and included regrading and reseeding the area to establish grass cover. Reportedly, no soils were imported for the repairs. No further action is required relative to this recommendation.

3.4 On-Going Activities Summary 2019-2020

At the end of the previous PRR's certification period, there were two (2) on-going projects that were being finalized and documented by Garlock personnel, as follows:

- The soil erosion noted in the vicinity of SPDES Outfall 018 should be addressed by implementing best management practices to stabilize this area and mitigate the potential for future erosion. Garlock and GHD have developed a plan to address this area of the Site and submitted a permit application to the NYSDEC in July 2020, which is currently still under review. Repairs are proposed to consist of placing a stabilization fabric covered by topsoil to cover exposed soil and establishing a vegetative cover to effectively mitigate the potential of future transport of soil/sediment to Red Creek. The most recent response from NYSDEC was received on April 9, 2021 and indicated that the review should be complete by May 9, 2021. Garlock sent a follow-up email on July 8, 2021 (outside of this PRR's certification period) requesting an update. As of the date of this report, no further response has been received from NYSDEC. Once approval to proceed is received from NYSDEC, work should commence and documentation of activities should be maintained and included in future PRRs, as appropriate.
- There were soil stockpiles east of Building 25 as the result of previous excavation activities that occurred on Garlock's property that were awaiting laboratory characterization analysis in order to determine how they should be appropriately managed. Based on laboratory analytical results received during the previous PRR certification period, it was determined that the soils would require off-site disposal. Garlock issued Work Order #88976 to remove the soil from the staging area and dispose off-site at facilities permitted to receive the waste. The soil stockpiles were subsequently disposed of in May 2020, during this PRR's certification period. Additional documentation of this activity is included in Section 3.2.2.1 and Appendix D of this PRR.

4. Operations and Monitoring

The NYSDEC-approved SMP (SWRNA, July 2011), (Revised: GHD, July 2016 – awaiting approval) requires groundwater monitoring and reporting to demonstrate the effectiveness of groundwater remedies in the various AOCs across Site No. 3. The 2nd, 3rd, and 4th quarter 2020 and 1st quarter 2021 groundwater monitoring was completed by personnel from GHD during this PRR's Certification Period. Groundwater monitoring was completed in accordance with the SMP and subsequent modifications that were approved by the NYSDEC. The wells in each AOC that are sampled as part of on-going groundwater monitoring activities are shown on the figures included in Appendix B. Groundwater monitoring activities in each of the AOCs are intended to assess the performance of the remedies and overall reduction in contamination concentrations on-Site. The laboratory sample results were reported to the NYSDEC and uploaded to the NYSDEC EQulS Database on a quarterly basis (Appendix G). In addition, an annual groundwater monitoring report for 2020 groundwater monitoring activities was prepared by GHD and submitted, in March 2021, to the NYSDEC for review and acceptance.

Purge water from each of the groundwater monitoring wells during each sampling event was containerized and staged on-Site for characterization and disposal by Garlock. A total of ten 55-gallon drums, totaling approximately 3,100 pounds, of groundwater monitoring well purge water characterized as hazardous waste with waste code F002 was disposed off-site during this PRR's certification period. The water was transported by EQ Industrial Services to the Michigan Disposal Waste Treatment Plant in Belleville, Michigan on September 24, 2020 for disposal (Appendix B).

At the time of the annual inspection, it was noted that several of the monitoring wells in the AOC-1 area needed replacement covers and/or concrete pads to be repaired. Garlock issued a Work Order (#M-106972) to have these covers replaced and the damaged concrete repaired. Once work is complete documentation should be maintained for inclusion in future PRRs.

4.1 AOC-1

Annual groundwater monitoring for AOC-1 includes taking samples from six (6) groundwater monitoring wells: OW-2, OW-3, OW-4, OW-6/MW-3, OW-7/MW-27, and PTOW1-1 (Figure 2 and Table 3 - AOC-1 in Appendix B) during the 3rd quarter of each year. Each groundwater sample is analyzed for Target Compound List (TCL) volatile organic compounds (VOCs), total organic carbon (TOC), chemical oxygen demand (COD), and field parameters.

Based on the results of groundwater monitoring conducted since remedial activities were completed in December 2008, concentrations of target compounds in samples taken from each of these groundwater monitoring wells have shown significant decreases. Elevated concentrations (generally above groundwater standards) of benzene continue to be identified throughout AOC-1, with some monitoring locations identifying decreasing trends and others identifying more static trends.

Overall, remedial activities completed in this area appear to have been effective in reducing contaminant concentrations in groundwater, and the decreasing trends that are being observed are expected to continue over time.

4.2 AOC-2

Quarterly groundwater monitoring for AOC-2 includes taking samples from five (5) groundwater monitoring wells: OW-1, OW-2/MW-41, OW-3 (AOC-2), OW-4/MW-28, and OW-5 (Figure 3 and Table 4 - AOC-2 in Appendix B). Each groundwater sample is analyzed for TCL VOCs, TOC, COD, and field parameters.

In general, TOC levels have decreased since ISCO occurred and appear to be stabilizing near pre-injection conditions. COD levels remain slightly elevated compared to pre-ISCO levels. The identified levels of TOC and COD indicate that chemical reactions should still be occurring as a result of the sodium permanganate injection, but potentially at a slower rate.

Concentrations of TCE identified in groundwater samples taken from monitoring wells in this AOC have exhibited significantly decreasing trends since ISCO injection was completed, with identified concentrations in samples taken from OW-1, OW-4/MW-28, and OW-5 remaining below groundwater standards since November 2010, December 2015, and September 2013, respectively. TCE concentrations in samples taken from OW-2/MW-41 and OW-3 have historically shown a decreasing trend since ISCO injection, with the latest results from the March 2021 monitoring event being slightly above regulatory standards, at 13 ug/L and 5.1 ug/L, respectively.

Concentrations of DCE and VC have been more variable over time, with most samples identifying increasing trends following remedial activities, which is to be expected based on the sequential degradation of TCE. Based on the results from recent sampling events, concentrations of DCE are beginning to exhibit decreasing trends; however, the concentrations continue to remain above the Class GA standard, except for samples taken from well OW-1. VC concentrations have also exhibited a general decreasing trend following the initial increase, with concentrations remaining above standards in samples taken from each of the wells routinely monitored. Data from the past two years indicate concentrations are variable but show less of a decreasing trend. The recent trends can possibly be attributed to the ongoing and incomplete degradation of DCE and VC and on-going consumption of injected substrate.

4.3 AOC-3

Quarterly groundwater monitoring for AOC-3 includes taking samples from two (2) groundwater monitoring wells, MW0512-02 and MW0911-02 (Figure 4 and Table 5 - AOC-3 in Appendix B). Each sample is analyzed for TCL VOCs and field parameters.

In general, concentrations of VOCs detected in groundwater samples taken from within (MW0512-02), and in the presumed downgradient direction of (MW0911-02), the source removal area have shown a decrease since source removal activities were completed; however, they remain elevated above Class GA standards and although variable, appear to be stabilizing at these elevated concentrations.

4.4 AOC-4

Quarterly groundwater monitoring for AOC-4 includes taking samples from two (2) groundwater monitoring wells: MW0512-01 and MW0911-01 (Figure 4 and Table 6 - AOC-4 in Appendix B). Each sample is analyzed for TCL VOCs and field parameters.

In general, concentrations of VOCs detected in samples taken from within (MW0512-01), and in the presumed downgradient direction of (MW0911-01), AOC-4 exhibited significant decreases after completion of source removal activities followed by variable but relatively stable concentrations in more recent monitoring events. The concentrations of COCs detected in samples from MW0911-01 appear to continue to exhibit overall decreasing trends, although variable. The concentrations of COCs identified in groundwater samples taken from AOC-4 remain above Class GA standards and appear to be stabilizing at these elevated concentrations.

4.5 AOC-5

Quarterly groundwater monitoring in AOC-5 includes taking samples from three (3) groundwater monitoring wells: MW-63, MW0610-1, and MW0811-01 (Figure 5 and Table 7 - AOC-5 in Appendix B). Each groundwater sample is analyzed for TCL VOCs, TOC, COD, biological oxygen demand (BOD), hardness, alkalinity, iron, magnesium, manganese, chloride, sulfate, nitrate, dissolved gases, and field parameters.

Based on the results of the first quarter 2021 (March 30, 2021) groundwater sampling event, TCE is no longer detected above laboratory detection limits (and has not been since September 2017), and there has been a 96 percent decrease in DCE and a 33 percent increase in VC in samples taken from the source area (MW0811-01), since remedial actions were completed in August 2011. The increase observed for VC is likely the result of the sequential degradation of TCE and DCE, which can lead to a short-term increase in VC concentrations. Based on the elevated concentrations of iron and total organic carbon present in the most recent sample taken from MW0811-01, it is believed that injected substrate remains and that further degradation is anticipated to continue over time. As a result, it is anticipated that VC concentrations should continue to decrease over time but at a slower rate.

Greater reductions in concentrations (99 percent for TCE, 97 percent for DCE, and 82 percent for VC) have been observed in samples taken from downgradient monitoring well MW0610-1. Groundwater samples taken from downgradient groundwater monitoring well MW-63 have shown an increase in DCE and VC concentrations since remedial actions were completed. TCE concentrations identified in samples taken from this well have fluctuated over time, but recently the concentrations have consistently remained below the laboratory detection limit or have been flagged as estimated values by the laboratory, and also remain below the groundwater standard since August 2011. The increasing concentrations of DCE and VC identified in this downgradient well are not unexpected due to the ongoing degradation of TCE within AOC-5, as discussed above.

Overall, based on significant decreases in concentrations of COCs, the ISCR remedial approach appears to have been effective at reducing the concentrations of COCs in AOC-5, and sufficient substrate to continue this degradation appears to remain in the area.

4.6 Carbon Tet AOC

Quarterly groundwater monitoring in the Carbon Tet AOC includes taking samples from three (3) downgradient groundwater monitoring wells: MW0610-4, MW0610-5, and MW0811-02 (Figure 2 and Table 8 - Carbon Tet Area in Appendix B). Each sample is analyzed for TCL VOCs, TOC, COD, BOD, hardness, alkalinity, iron, magnesium, manganese, chloride, sulfate, nitrate, dissolved gases, and field parameters.

Based on laboratory analytical results, carbon tetrachloride has not been detected in downgradient groundwater samples at concentrations above laboratory detection limits since remedial actions were completed in this AOC in September 2011, with the exception of an estimated concentration identified in the sample taken from MW0811-02 during the first quarter 2018 sampling event. Carbon tetrachloride has not been detected above laboratory method detection limits in samples taken from this monitoring well since. Laboratory results also indicate that iron and total organic carbon levels have generally returned to pre-injection conditions, which suggests that degradation of the remaining VOCs in the area could continue, but likely at a slower rate.

4.7 Tank Farm AOC

Quarterly groundwater monitoring in the Tank Farm AOC includes taking samples from two (2) downgradient groundwater monitoring wells: IW-1 and IW-2 (Figure 2 and Table 9 - Toluene Area in Appendix B). Each sample is analyzed for TCL VOCs and field parameters.

The removal of impacted soil from the Tank Farm AOC in November 2010 has resulted in a 99.97 percent and 99.99 percent decrease in toluene concentrations in samples taken from downgradient groundwater monitoring wells IW-1 and IW-2, respectively. Concentrations identified in samples taken from IW-1 have fluctuated during recent monitoring events and generally remain above groundwater standards. Concentrations identified in samples taken from IW-2 have only been detected above laboratory detection limits twice since June 2017, in September 2018 and March 2019. Both detections were flagged by the laboratory as estimated concentrations and neither exceeded the regulatory standard. The generally improving trends are expected to continue over time.

4.8 Monitoring Variances

Based on a review of groundwater monitoring results, the Annual Groundwater Monitoring Report – 2020 (GHD, March 2021) recommended the following modifications to the on-going monitoring activities, generally consistent with the annual reports prepared since 2014:

- AOC-1 – Monitoring should continue at the reduced list of six (6) monitoring wells (OW-2, OW-3, OW-4, OW-6/MW-3, OW-7/MW-27, and PTOW1-1), as previously approved by the NYSDEC, but sampling should be reduced to a once every two years (biennial) frequency.
- AOC-2 – Monitoring should continue on a quarterly basis and should include the same five (5) monitoring wells.
- AOC-3 – Monitoring should continue on a quarterly basis and should include the same two (2) monitoring wells.
- AOC-4 – Monitoring should continue on a quarterly basis and should include the same two (2) monitoring wells.
- AOC-5 – Monitoring should continue at the same three (3) monitoring wells, but the sampling frequency should be reduced to semi-annual, during the 1st and 3rd quarters of each year.
- Carbon Tet Area – The same three (3) monitoring wells should continue to be sampled, but the frequency should be reduced to annual, during the 3rd quarter of each year.
- Tank Farm Area – The same two (2) monitoring wells should continue to be sampled, but the frequency should be reduced to annual, during the 3rd quarter of each year.

As of the date of this report, NYSDEC has not approved these recommendations. As a result, subsequent sampling events should continue as previously approved until notification otherwise is received from the NYSDEC.

5. Recommendations/Corrective Measures

5.1 Recommendations

Based on a review of the groundwater monitoring data, it is recommended that the ICs and ECs currently in place for the Site remain in place in order to ensure the continued effectiveness and protectiveness of the remedy. Groundwater monitoring should continue to be conducted at the frequency directed by the NYSDEC. The effectiveness of the remedies should continue to be evaluated through these groundwater monitoring results.

Periodic (i.e., monthly) Site inspections should be continued to assess the proper function of the SSDSs and to confirm that the soil cover engineering controls are in place and functioning as intended. Any repairs or maintenance activities should be documented as part of the periodic inspections, and the records should be maintained for inclusion in future PRRs.

An annual inspection is conducted at the Site as part of the PRR requirements. The inspection for this PRR Certification Period was completed by GHD personnel on April 19, 2021. The annual inspection forms are included in Appendix F and the inspection identified the following recommendations for the Site:

- The need for minor repairs to surface soils in grass areas adjacent to asphalt pavement and south of the southern parking lot due to damage apparently caused by snow removal activities. Repairs should include regrading, or filling as needed, and reseeding to establish grass cover. Garlock will perform these activities when weather permits, outside of this PRR's certification period, under Work Order #M-106970. If needed, topsoil should be imported and spread to fill in voids as required. A NYSDEC Request to Import/Reuse Fill or Soil form should be completed by Garlock to obtain appropriate approvals from the NYSDEC. Once work is completed, documentation should be maintained for inclusion in future PRRs.
- The monitoring wells in the AOC-1 area should have replacement covers and/or concrete pads repaired. Garlock issued a Work Order (#M-106972) to have these covers replaced and the damaged concrete repaired. Once work is complete documentation should be maintained for inclusion in future PRRs.
- During the annual inspection it was also noted that the plastic sheeting cover over the stockpiled materials on-Site needed to be replaced. Garlock should replace the cover and should continue to periodically monitor the soil stockpiles and maintain the cover and perimeter berms as necessary.
- Based on SSDS gauge readings recorded by Garlock personnel during the monthly inspections, it appears that the SSDSs are functioning as intended and should continue to be operated in their current configurations. The following noted repairs should be completed and documentation retained for inclusion in the next PRR:
 - The elbow at the base of suction riser 20-8 in Building 20 was cracked and needs to be repaired.
 - Suction riser 8-3 in Building 8 has a crack in the pipe at its base and needs to be repaired.

Furthermore, it is recommended that the requirements set forth in the SMP are implemented and documented during any future ground intrusive activities that may be conducted on-Site. This would include: documentation of implementation of health and safety plans; documentation of appropriate air monitoring activities; ensuring current soil stockpiling procedures implemented by Garlock remain in place; documentation of soil or water (from dewatering activities) characterization and appropriate management (i.e., off-site disposal or on-Site re-use of soil); and maintaining documentation of all backfill material brought to the Site for inclusion in future PRRs. This would include completing and submitting a NYSDEC Request to Import/Reuse Fill or Soil form, which can be downloaded here <http://www.dec.ny.gov/regulations/67386.html>, to the NYSDEC Project Manager a minimum of five (5) business days before reusing excavated soil on-Site or importing soil to the Site.

Overall, based on the inspection and review of documentation provided by Garlock, it appears that Garlock is implementing the measures and procedures required by the SMP and it is recommended that the same procedures continue to be implemented moving forward.

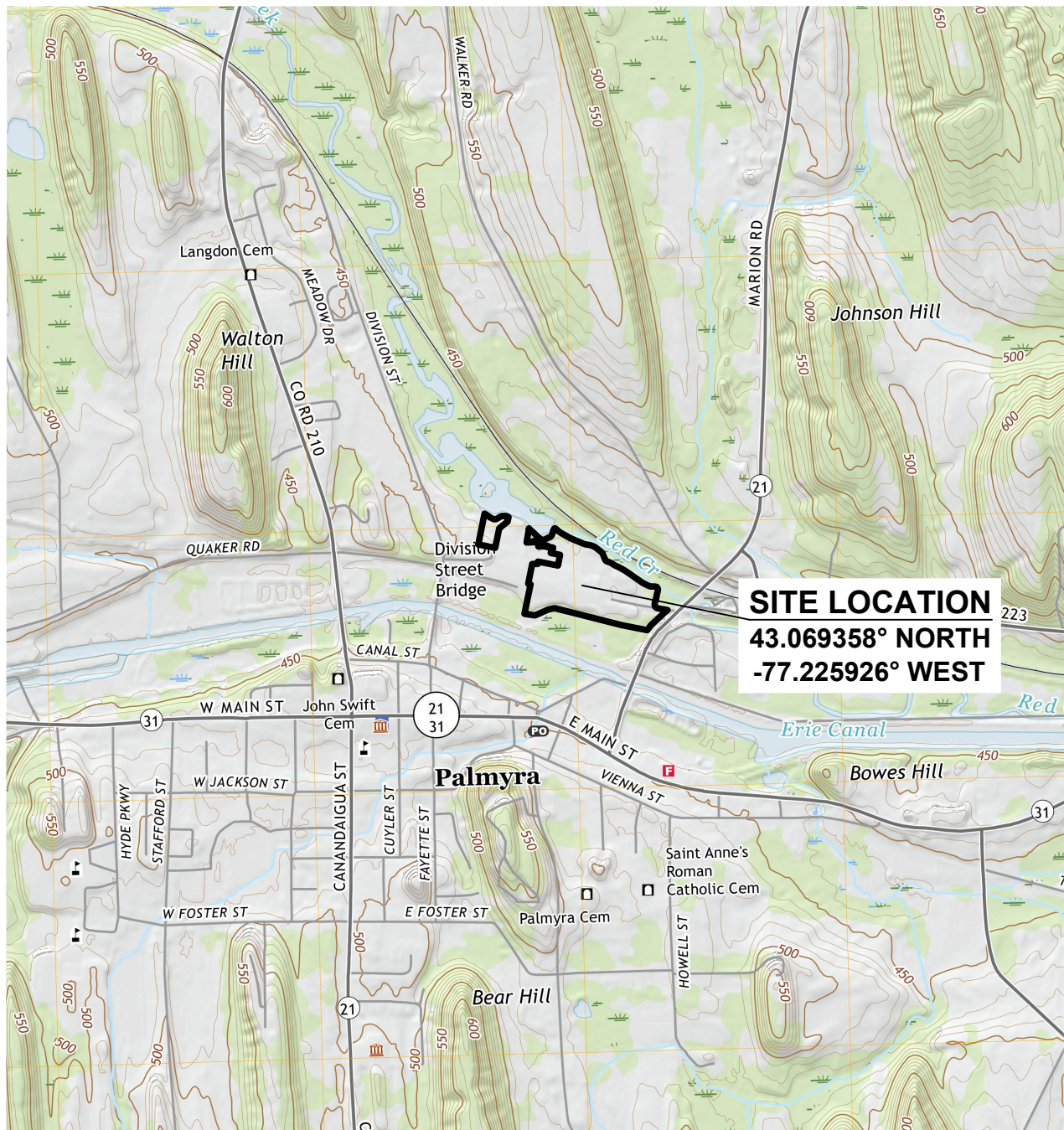
5.2 On-Going Activities

Currently, there are three (3) on-going activities at the Site, as follows:

- Minor repairs to surface soils in grass areas adjacent to asphalt pavement and south of the southern parking lot due to damage apparently caused by snow removal activities. Repairs should include regrading, or filling as needed, and reseeding to establish grass cover. Garlock will perform these activities when weather permits, outside of this PRR's Certification Period. Topsoil to be imported and spread in required areas, as needed.
- Erosion along SPDES Outfall 018 leading to Red Creek has been observed. Garlock has evaluated their options for addressing the erosion and submitted an application to NYSDEC, which they are currently in the process of reviewing. A Contractor should be selected and the necessary repairs should be performed when feasible after NYSDEC approval and permit issuance.
- Soil stockpiles east of Building 25 were awaiting proper management at the end of this PRR's certification period. Based on characterization sample analytical results, Garlock is in the process of arranging off-site disposal of these soils, which will occur outside of this PRR's certification period.
- Repairs of damage noted at SSDS suction risers 20-8 in Building 20 and 8-3 in Building 8 should be completed.
- The monitoring wells in the AOC-1 area should have replacement covers and/or concrete pads repaired. Garlock issued a Work Order (#M-106972) to have these covers replaced and the damaged concrete repaired, which will occur outside of this PRR's certification period.

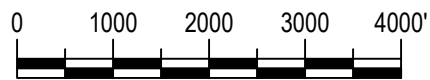
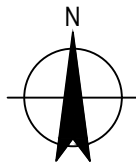
Documentation of these activities should be maintained by Garlock and included in the next PRR.

Figures



CONTOUR INTERVAL: 10 FEET

MAPS TAKEN FROM: USGS 7.5 MINUTE SERIES
TOPOGRAPHIC QUADRANGLE:
PALMYRA, NY (2019)
(U.S. GEOLOGICAL SURVEY WEBSITE)



SCALE 1"=2000' AT ORIGINAL SIZE

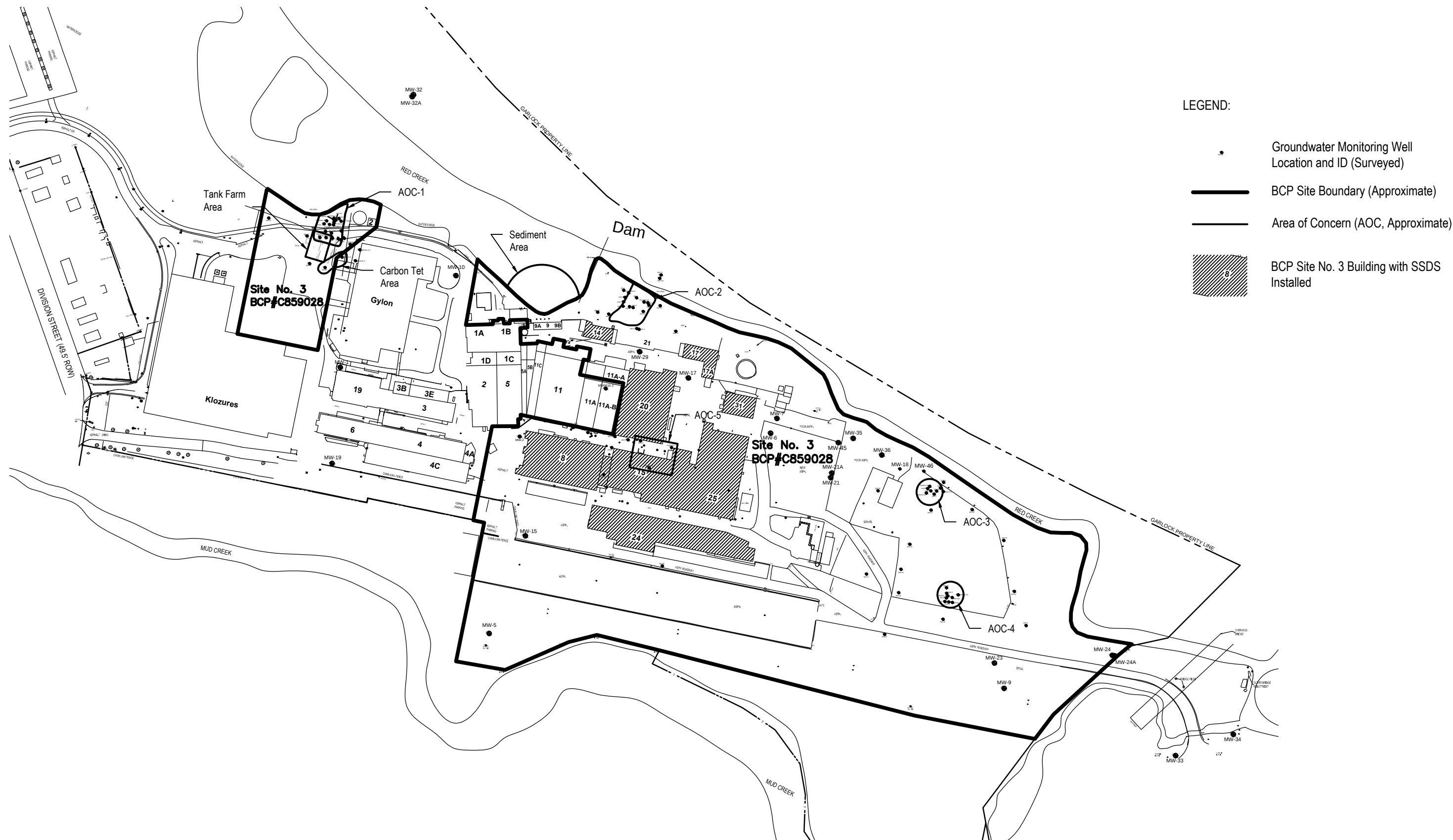


Garlock Sealing Technologies
Periodic Review Report - April 21, 2020 to
April 21, 2021 - Site No. 3 BCP Site (#C859028)

SITE LOCATION MAP

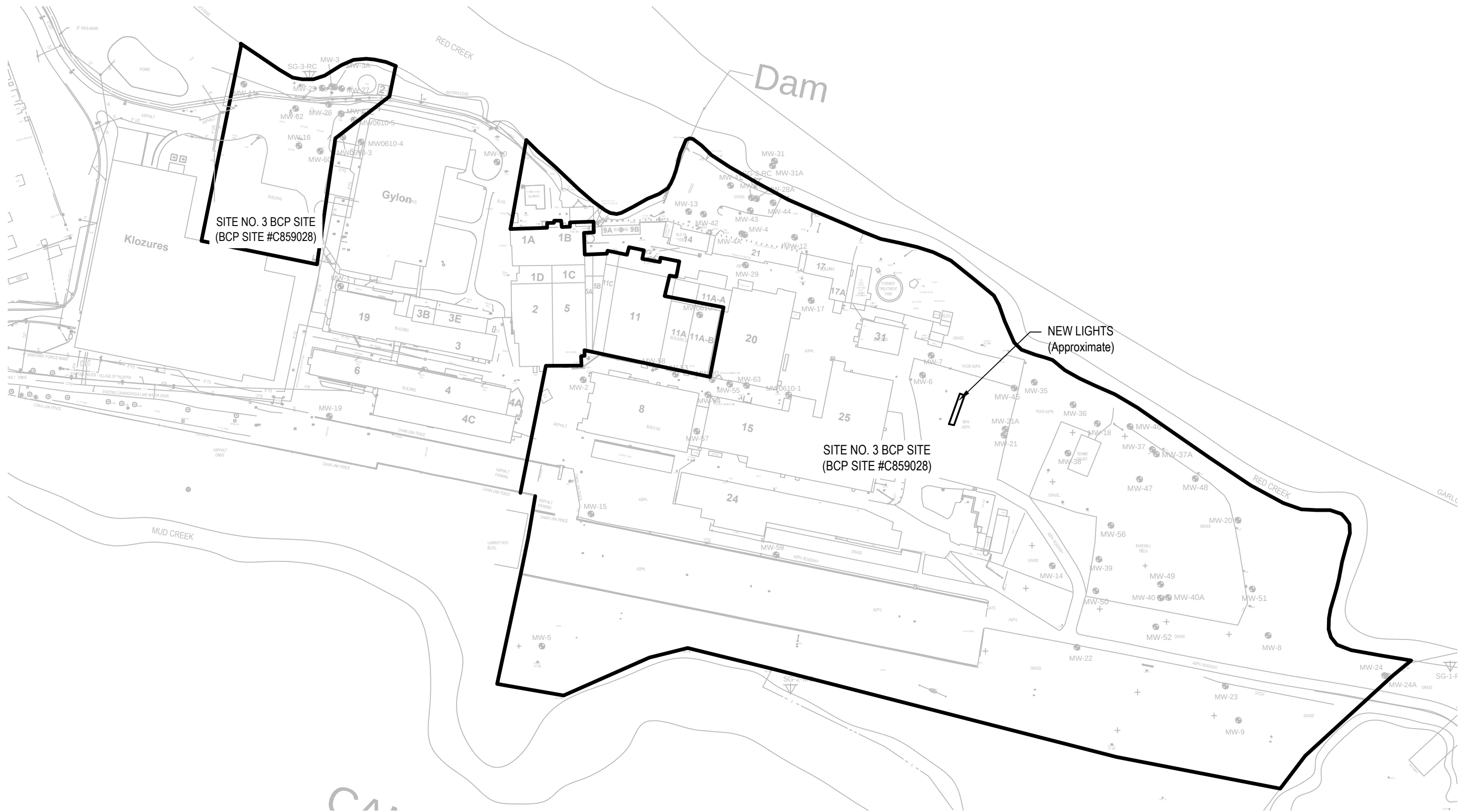
Project No. 86-15140
Report No. -
Date 05.15.2021

FIGURE 1



NOTES:
1. Site features based on field surveys provided by others.

	Garlock Sealing Technologies Periodic Review Report - April 21, 2020 to April 21, 2021 - Site No. 3 BCP Site (#C859028)	Project No. 86-15140 Report No. - Date 05.15.2021
	SITE LAYOUT	
	FIGURE 2	



NOTES:
1. Site features based on surveys provided by others.



Garlock Sealing Technologies
Periodic Review Report - April 21, 2020 to
April 21, 2021 - Site No. 3 BCP Site (#C859028)
EXCAVATION AREAS

Project No. 86-15140
Report No. -
Date 05.15.2021

FIGURE 3

Appendices

Appendix A

Institutional and Engineering Controls Certification Form



Enclosure 2
NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION
Site Management Periodic Review Report Notice
Institutional and Engineering Controls Certification Form



Site No.	Site Details	Box 1	
C859028			
Site Name Garlock Sealing Technologies Site No. 3			
Site Address: 1666 Division Street Zip Code: 14522			
City/Town: Palmyra			
County: Wayne			
Site Acreage: 28.9			
Reporting Period: April 21, 2020 to April 21, 2021			
		YES	NO
1.	Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.			
2.	Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3.	Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.			
5.	Is the site currently undergoing development?	☐	☒

		Box 2	
		YES	NO
6.	Is the current site use consistent with the use(s) listed below? Industrial	☒	☐
7.	Are all ICs/ECs in place and functioning as designed?	☒	☐

**IF THE ANSWER TO EITHER QUESTION 6 OR 7 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

Box 2A

YES NO

8. Has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?

☐☒

If you answered YES to question 8, include documentation or evidence that documentation has been previously submitted with this certification form.

9. Are the assumptions in the Qualitative Exposure Assessment still valid?
(The Qualitative Exposure Assessment must be certified every five years)

☒☐

If you answered NO to question 9, the Periodic Review Report must include an updated Qualitative Exposure Assessment based on the new assumptions.

SITE NO. C859028**Box 3****Description of Institutional Controls**

<u>Parcel</u>	<u>Owner</u>	<u>Institutional Control</u>
064.111-00-839.937	Garlock Sealing Technologies	IC/EC Plan Ground Water Use Restriction Soil Management Plan Landuse Restriction Monitoring Plan Site Management Plan O&M Plan
Easement and will be implemented under the Site Management Plan. These Institutional Controls are: Compliance with the Environmental Easement and this SMP by the Grantor and the Grantor's successors and assigns; - All Engineering Controls must be operated and maintained as specified in the SMP; - All Engineering Controls on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP. - Groundwater monitoring and other environmental or public health monitoring must be performed as defined in this SMP; - Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in the SMP; Institutional Controls identified in the Environmental Easement may not be discontinued without an amendment to or extinguishment of the Environmental Easement. The site has a series of Institutional Controls in the form of site restrictions. Adherence to these Institutional Controls is required by the Environmental Easement. Site restrictions that apply to the Controlled Property are: The property may only be used for Industrial use provided that the long-term Engineering and Institutional Controls included in the SMP are employed. The property may not be used for a higher level of use, such as unrestricted use without additional remediation and amendment of the Environmental Easement, as approved by the NYSDEC; All future activities on the property that will disturb remaining contaminated material must be conducted in accordance with this SMP; The use of the groundwater underlying the property is prohibited without treatment rendering it safe for intended use; The potential for vapor intrusion must be evaluated for any buildings developed on Site No. 3 (Figure 2), and any potential impacts that are identified must be monitored or mitigated; Vegetable gardens and farming on site soils on the property are prohibited; The site owner or remedial party will submit to NYSDEC a written statement that certifies, under penalty of perjury, that: (1) controls employed at the Controlled Property are unchanged from the previous certification or that any changes to the controls were approved by the NYSDEC; and, (2) nothing has occurred that impairs the ability of the controls to protect public health and environment or that constitute a violation or failure to comply with the SMP. NYSDEC retains the right to access such Controlled Property at any time in order to evaluate the continued maintenance of any and all controls. This certification shall be submitted annually, or an alternate period of time that NYSDEC may allow and will be made by an expert that the NYSDEC finds acceptable.		

Description of Engineering ControlsParcel

064.111-00-839.937

Engineering ControlVapor Mitigation
Cover System**Periodic Review Report (PRR) Certification Statements**

1. I certify by checking "YES" below that:

a) the Periodic Review report and all attachments were prepared under the direction of, and reviewed by, the party making the certification;

b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted engineering practices; and the information presented is accurate and complete.

YES NO

☒ ☐

2. If this site has an IC/EC Plan (or equivalent as required in the Decision Document), for each Institutional or Engineering control listed in Boxes 3 and/or 4, I certify by checking "YES" below that all of the following statements are true:

(a) the Institutional Control and/or Engineering Control(s) employed at this site is unchanged since the date that the Control was put in-place, or was last approved by the Department;

(b) nothing has occurred that would impair the ability of such Control, to protect public health and the environment;

(c) access to the site will continue to be provided to the Department, to evaluate the remedy, including access to evaluate the continued maintenance of this Control;

(d) nothing has occurred that would constitute a violation or failure to comply with the Site Management Plan for this Control; and

(e) if a financial assurance mechanism is required by the oversight document for the site, the mechanism remains valid and sufficient for its intended purpose established in the document.

YES NO

☒ ☐

**IF THE ANSWER TO QUESTION 2 IS NO, sign and date below and
DO NOT COMPLETE THE REST OF THIS FORM. Otherwise continue.**

A Corrective Measures Work Plan must be submitted along with this form to address these issues.

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C859028

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 1, 2, and 3 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

I Anthony Rounding at Garlock Sealing Technologies,
1666 Division Street, Palmyra, NY 14522
print name print business address

am certifying as Owner (Owner or Remedial Party)

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


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

7/16/21
Date

IC/EC CERTIFICATIONS

Box 7

Professional Engineer Signature

I certify that all information in Boxes 4 and 5 are true. I understand that a false statement made herein is punishable as a Class "A" misdemeanor, pursuant to Section 210.45 of the Penal Law.

GHD Consulting Services Inc.

I Damian J. Vanetti at 5788 Widewaters Parkway, Syracuse, NY 13214
print name print business address

am certifying as a Professional Engineer for the Owner

(Owner or Remedial Party)



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



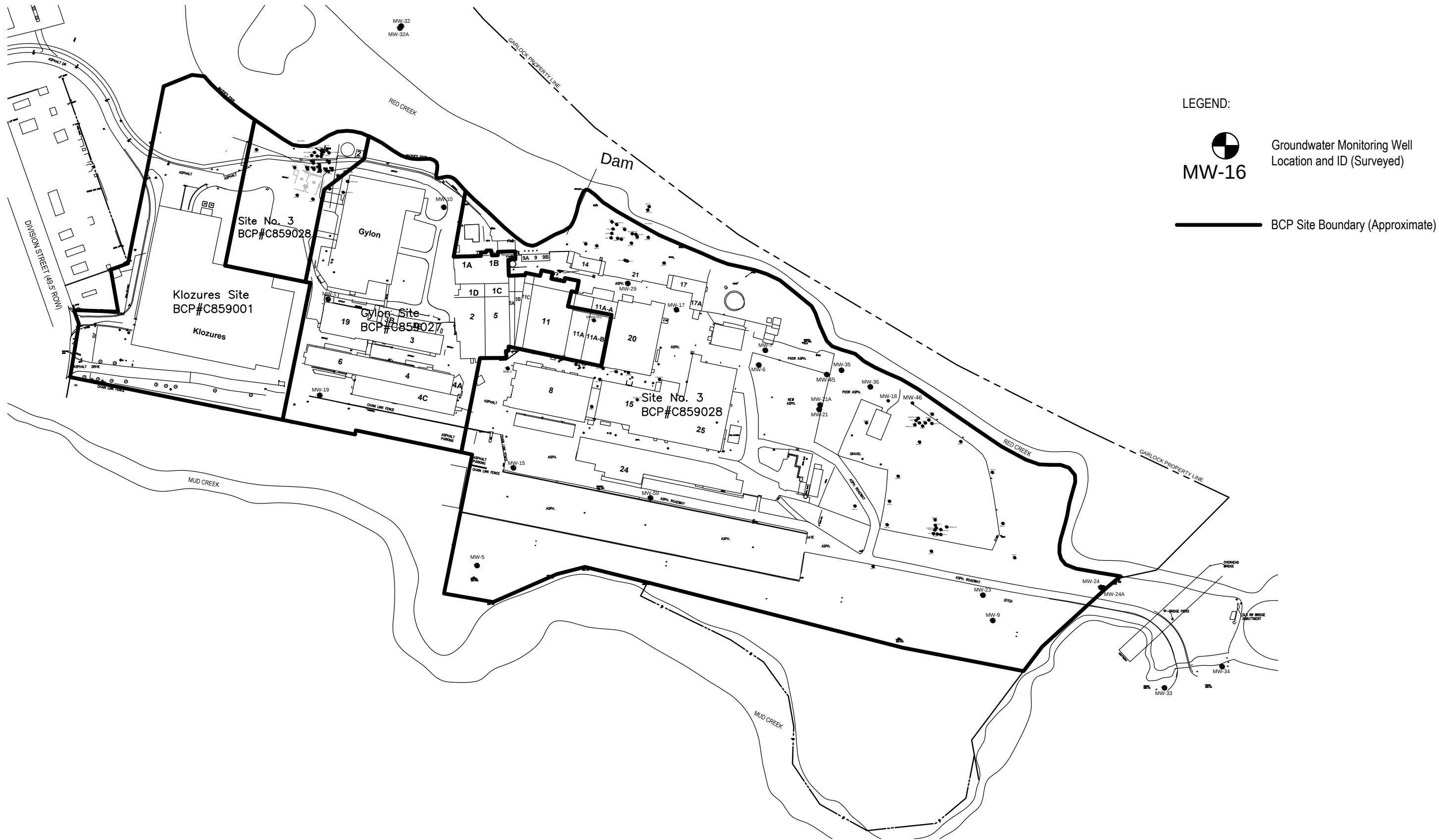
Stamp
(Required for PE)

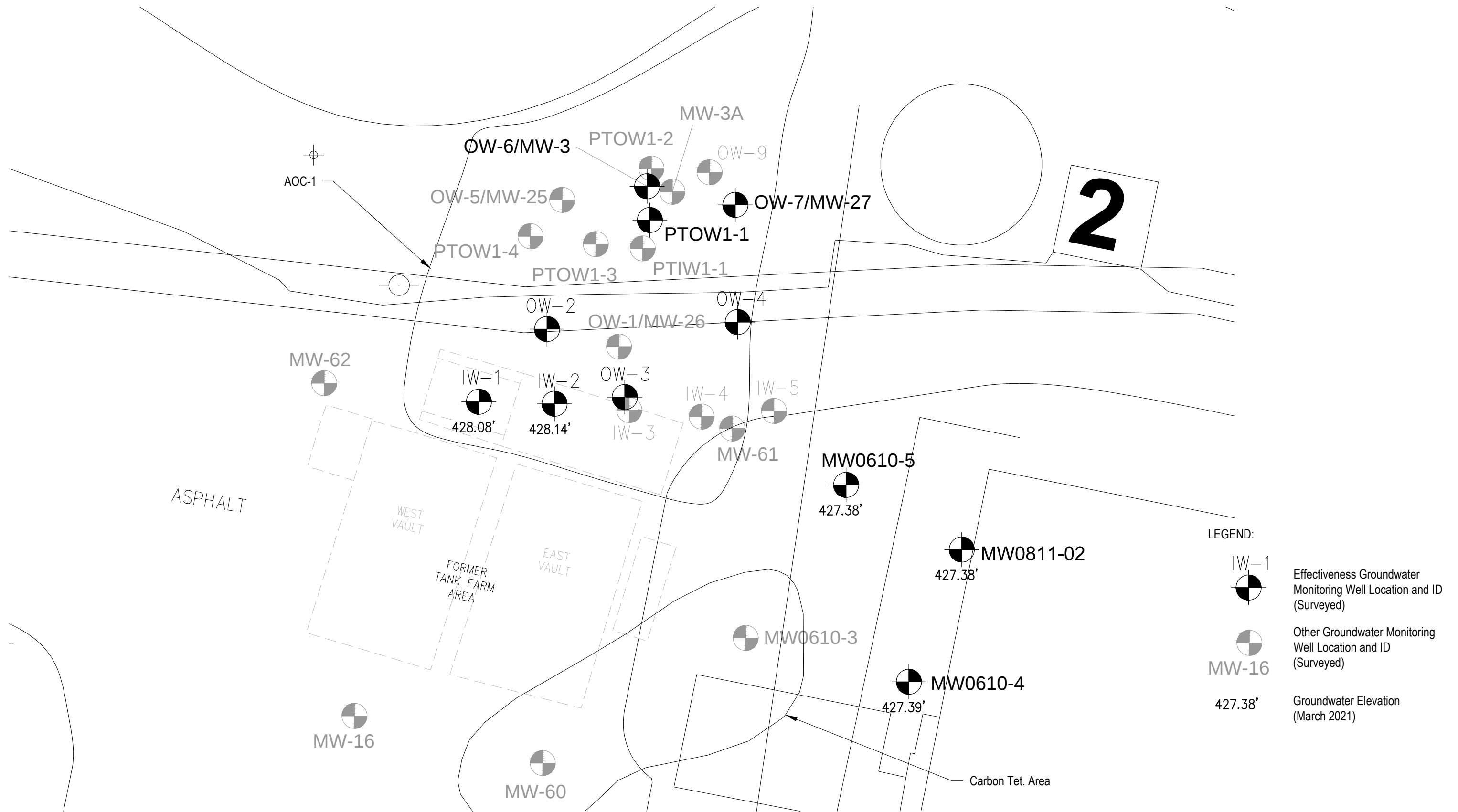
7-16-21

Date

Appendix B

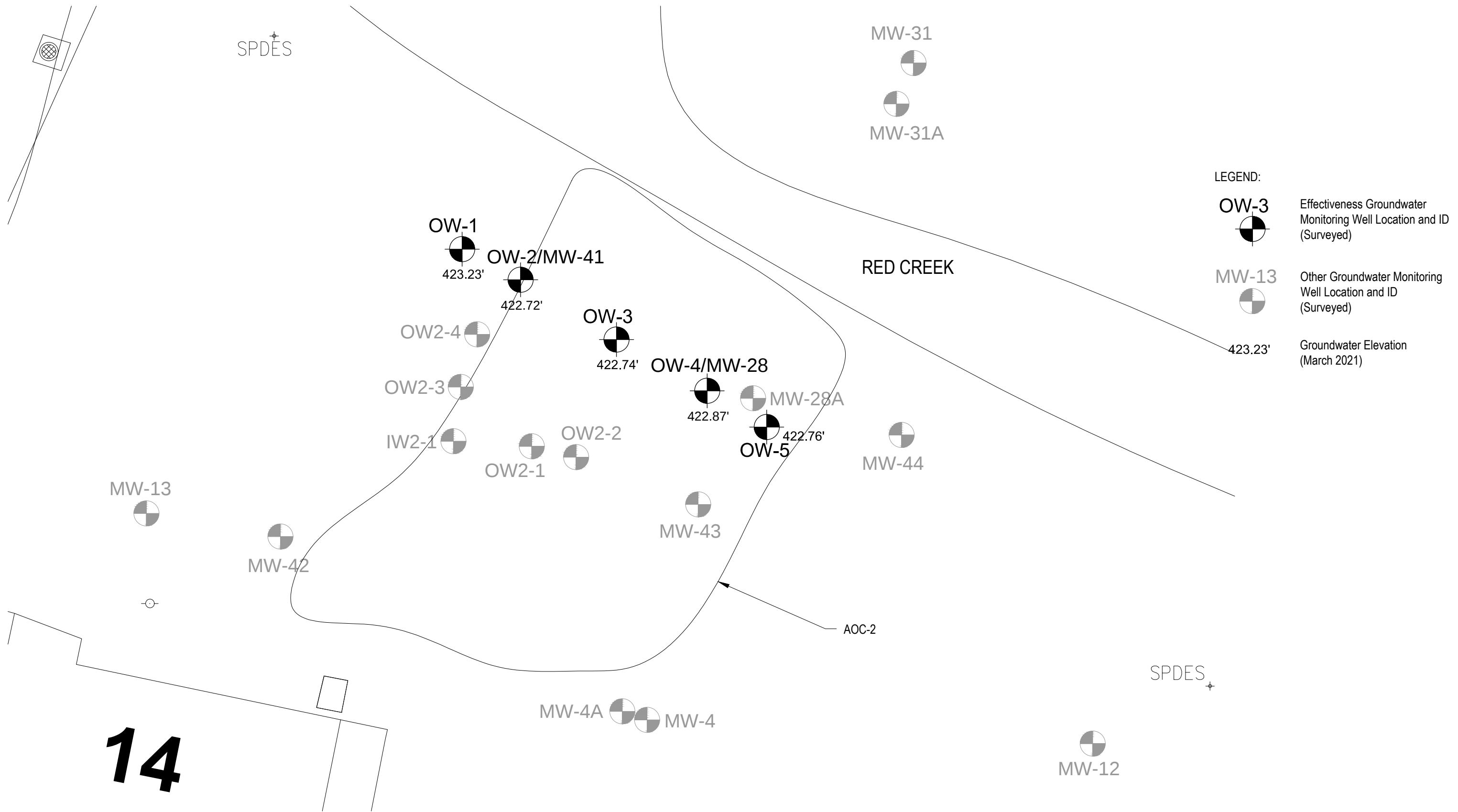
**Figures and Tables from Previous
Groundwater Monitoring Reports and
Groundwater Disposal Documentation**



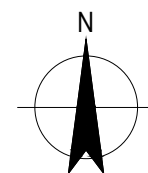


NOTES:
1. Site features based on field surveys provided by others.

	Garlock Sealing Technologies Site No. 3 BCP Site (#C859028) Quarterly Groundwater Monitoring	Project No. 8615140 Report No. - Date 05.2021
	AOC-1, Carbon Tet. Area, and Tank Farm Area	
	FIGURE 2	



NOTES:
1. Site features based on field surveys provided by others.



0 10 20 30 40'
SCALE 1"=20' AT ORIGINAL SIZE



Garlock Sealing Technologies
Site No. 3 BCP Site (#C859028)
Quarterly Groundwater Monitoring
AOC-2

Project No. 8615140
Report No. -
Date 05.2021

FIGURE 3



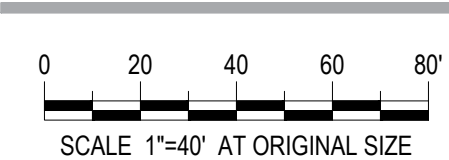
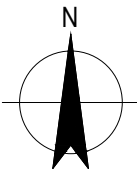
LEGEND:

Effectiveness Groundwater Monitoring Well Location and ID (Surveyed)

Other Groundwater Monitoring Well Location and ID (Surveyed)

Groundwater Elevation (March 2021)

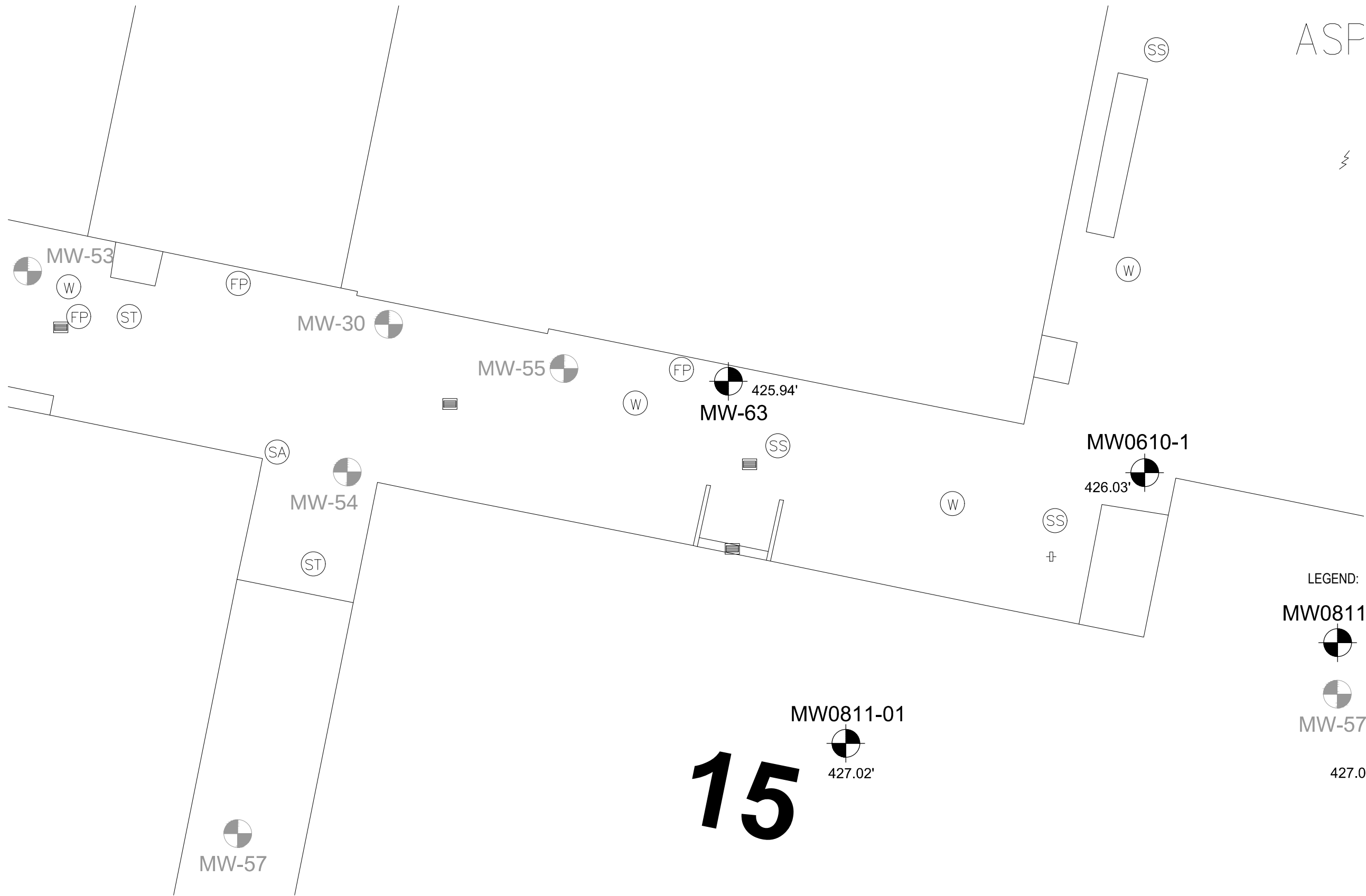
NOTES:
1. Site features based on field surveys provided by others.



Garlock Sealing Technologies
Site No. 3 BCP Site (#C859028)
Quarterly Groundwater Monitoring
AOC-3 and AOC-4

Project No. **8615140**
Report No. -
Date **05.2021**

FIGURE 4



ASF



LEGEND:

MW0811-01 Effectiveness Groundwater Monitoring Well Location and ID (Surveyed)

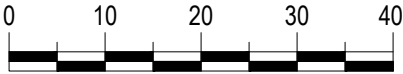
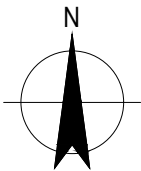


MW-57 Other Groundwater Monitoring Well Location and ID (Surveyed)



427.02' Groundwater Elevation (March 2021)

- NOTES:
1. Site features based on field surveys provided by others.



SCALE 1"=20' AT ORIGINAL SIZE



Garlock Sealing Technologies
Site No. 3 BCP Site (#C859028)
Quarterly Groundwater Monitoring
AOC-5

Project No. 8615140
Report No. -
Date 05.2021

FIGURE 5



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
OW-1 (MW-26)	9/23/2014	AOC-1	Top of PVC	430.51	3.08	16.30	427.43	2.14
OW-2	9/23/2014	AOC-1	Top of PVC	431.09	2.90	15.25	428.19	2.00
OW-2	9/24/2015	AOC-1	Top of PVC	431.09	3.40	15.25	427.69	1.92
OW-2	9/28/2016	AOC-1	Top of PVC	431.09	3.32	14.68	427.77	1.84
OW-2	9/26/2017	AOC-1	Top of PVC	431.09	3.46	14.97	427.63	1.86
OW-2	9/24/2018	AOC-1	Top of PVC	431.09	3.47	14.97	427.62	1.86
OW-2	9/24/2019	AOC-1	Top of PVC	431.09	3.12	14.97	427.97	1.92
OW-2	9/22/2020	AOC-1	Top of PVC	431.09	3.51	14.50	427.58	1.78
OW-3	9/23/2014	AOC-1	Top of PVC	431.14	3.33	15.62	427.81	1.99
OW-3	9/24/2015	AOC-1	Top of PVC	431.14	3.57	15.62	427.57	1.95
OW-3	9/28/2016	AOC-1	Top of PVC	431.14	3.98	15.60	427.16	1.88
OW-3	9/26/2017	AOC-1	Top of PVC	431.14	3.62	15.90	427.52	1.99
OW-3	9/24/2018	AOC-1	Top of PVC	431.14	3.99	15.90	427.15	1.93
OW-3	9/24/2019	AOC-1	Top of PVC	431.14	3.22	15.90	427.92	2.05
OW-3	9/22/2020	AOC-1	Top of PVC	431.14	2.99	15.92	428.15	2.09
OW-4	9/23/2014	AOC-1	Top of PVC	430.72	3.23	15.40	427.49	1.97
OW-4	9/24/2015	AOC-1	Top of PVC	430.72	3.80	15.40	426.92	1.88
OW-4	9/28/2016	AOC-1	Top of PVC	430.72	3.91	15.42	426.81	1.86
OW-4	9/26/2017	AOC-1	Top of PVC	430.72	3.69	15.68	427.03	1.94
OW-4	9/24/2018	AOC-1	Top of PVC	430.72	3.08	15.68	427.64	2.04
OW-4	9/24/2019	AOC-1	Top of PVC	430.72	3.49	15.68	427.23	1.97
OW-4	9/22/2020	AOC-1	Top of PVC	430.72	4.02	15.67	426.70	1.89
OW-6 (MW-3)	9/23/2014	AOC-1	Top of PVC	429.13	1.70	13.11	427.43	1.85
OW-6 (MW-3)	9/24/2015	AOC-1	Top of PVC	429.13	2.23	13.11	426.90	1.76
OW-6 (MW-3)	9/28/2016	AOC-1	Top of PVC	429.13	2.26	13.00	426.87	1.74
OW-6 (MW-3)	9/26/2017	AOC-1	Top of PVC	429.13	NM	NM	-	-
OW-6 (MW-3)	9/24/2018	AOC-1	Top of PVC	429.13	2.20	13.10	426.93	1.77
OW-6 (MW-3)	9/24/2019	AOC-1	Top of PVC	429.13	1.98	13.24	427.15	1.82
OW-6 (MW-3)	9/22/2020	AOC-1	Top of PVC	429.13	2.60	13.20	426.53	1.72
OW-7 (MW-27)	9/23/2014	AOC-1	Top of PVC	429.94	2.43	15.57	427.51	2.13
OW-7 (MW-27)	9/24/2015	AOC-1	Top of PVC	429.94	3.02	15.57	426.92	2.03
OW-7 (MW-27)	9/28/2016	AOC-1	Top of PVC	429.94	3.16	15.31	426.78	1.97
OW-7 (MW-27)	9/26/2017	AOC-1	Top of PVC	429.94	3.09	15.57	426.85	2.02
OW-7 (MW-27)	9/24/2018	AOC-1	Top of PVC	429.94	3.08	15.57	426.86	2.02
OW-7 (MW-27)	9/24/2019	AOC-1	Top of PVC	429.94	3.00	15.57	426.94	2.04
OW-7 (MW-27)	9/22/2020	AOC-1	Top of PVC	429.94	3.27	15.45	426.67	1.97
PTOW1-1	9/23/2014	AOC-1	Top of PVC	430.19	2.60	10.10	427.59	0.30
PTOW1-1	9/24/2015	AOC-1	Top of PVC	430.19	3.05	10.10	427.14	0.28
PTOW1-1	9/28/2016	AOC-1	Top of PVC	430.19	2.95	10.00	427.24	0.28
PTOW1-1	9/26/2017	AOC-1	Top of PVC	430.19	3.13	10.33	427.06	0.29
PTOW1-1	9/24/2018	AOC-1	Top of PVC	430.19	2.93	10.33	427.26	0.30
PTOW1-1	9/24/2019	AOC-1	Top of PVC	430.19	2.50	10.33	427.69	0.31
PTOW1-1	9/22/2020	AOC-1	Top of PVC	430.19	3.35	7.91	426.84	0.18
PTOW1-4	9/23/2014	AOC-1	Top of PVC	430.2	1.82	8.60	428.38	0.27



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
OW-1	9/22/2014	AOC-2	Top of PVC	426.96	4.47	15.51	422.49	1.79
OW-1	12/4/2014	AOC-2	Top of PVC	426.96	4.05	15.51	422.91	1.86
OW-1	3/23/2015	AOC-2	Top of PVC	426.96	2.82	15.51	424.14	2.06
OW-1	6/29/2015	AOC-2	Top of PVC	426.96	2.89	15.51	424.07	2.04
OW-1	9/24/2015	AOC-2	Top of PVC	426.96	4.51	15.51	422.45	1.78
OW-1	12/21/2015	AOC-2	Top of PVC	426.96	4.20	15.49	422.76	1.83
OW-1	3/24/2016	AOC-2	Top of PVC	426.96	3.90	15.54	423.06	1.89
OW-1	6/22/2016	AOC-2	Top of PVC	426.96	4.81	15.56	422.15	1.74
OW-1	9/28/2016	AOC-2	Top of PVC	426.96	4.84	15.31	422.12	1.70
OW-1	12/22/2016	AOC-2	Top of PVC	426.96	4.42	15.38	422.54	1.78
OW-1	3/21/2017	AOC-2	Top of PVC	426.96	3.83	15.48	423.13	1.89
OW-1	6/28/2017	AOC-2	Top of PVC	426.96	4.69	15.60	422.27	1.77
OW-1	9/26/2017	AOC-2	Top of PVC	426.96	4.73	15.58	422.23	1.76
OW-1	12/19/2017	AOC-2	Top of PVC	426.96	3.80	15.58	423.16	1.91
OW-1	4/3/2018	AOC-2	Top of PVC	426.96	3.38	15.51	423.58	1.97
OW-1	6/15/2018	AOC-2	Top of PVC	426.96	4.85	15.51	422.11	1.73
OW-1	9/24/2018	AOC-2	Top of PVC	426.96	4.72	15.58	422.24	1.76
OW-1	12/19/2018	AOC-2	Top of PVC	426.96	3.95	15.51	423.01	1.87
OW-1	3/27/2019	AOC-2	Top of PVC	426.96	4.16	15.51	422.80	1.84
OW-1	6/27/2019	AOC-2	Top of PVC	426.96	3.95	15.51	423.01	1.87
OW-1	9/24/2019	AOC-2	Top of PVC	426.96	4.57	15.58	422.39	1.78
OW-1	12/19/2019	AOC-2	Top of PVC	426.96	3.48	15.51	423.48	1.95
OW-1	3/24/2020	AOC-2	Top of PVC	426.96	3.60	15.51	423.36	1.93
OW-1	6/23/2020	AOC-2	Top of PVC	426.96	4.75	15.51	422.21	1.74
OW-1	9/22/2020	AOC-2	Top of PVC	426.96	4.82	15.70	422.14	1.76
OW-1	12/15/2020	AOC-2	Top of PVC	426.96	4.30	15.70	422.66	1.85
OW-1	3/30/2021	AOC-2	Top of PVC	426.96	3.73	15.70	423.23	1.94
OW-2 (MW-41)	9/23/2014	AOC-2	Top of PVC	426.55	4.55	14.77	422.00	1.66
OW-2 (MW-41)	12/4/2014	AOC-2	Top of PVC	426.55	4.18	14.77	422.37	1.72
OW-2 (MW-41)	3/23/2015	AOC-2	Top of PVC	426.55	2.51	14.77	424.04	1.99
OW-2 (MW-41)	6/29/2015	AOC-2	Top of PVC	426.55	2.53	14.77	424.02	1.98
OW-2 (MW-41)	9/24/2015	AOC-2	Top of PVC	426.55	4.59	14.77	421.96	1.65
OW-2 (MW-41)	12/21/2015	AOC-2	Top of PVC	426.55	4.26	15.76	422.29	1.86
OW-2 (MW-41)	3/24/2016	AOC-2	Top of PVC	426.55	3.92	14.79	422.63	1.76
OW-2 (MW-41)	6/22/2016	AOC-2	Top of PVC	426.55	4.82	14.82	421.73	1.62
OW-2 (MW-41)	9/28/2016	AOC-2	Top of PVC	426.55	5.07	14.59	421.48	1.54
OW-2 (MW-41)	12/22/2016	AOC-2	Top of PVC	426.55	4.20	14.65	422.35	1.69
OW-2 (MW-41)	3/21/2017	AOC-2	Top of PVC	426.55	3.80	14.76	422.75	1.78
OW-2 (MW-41)	6/28/2017	AOC-2	Top of PVC	426.55	4.68	14.86	421.87	1.65
OW-2 (MW-41)	9/26/2017	AOC-2	Top of PVC	426.55	4.90	14.86	421.65	1.61
OW-2 (MW-41)	12/19/2017	AOC-2	Top of PVC	426.55	4.21	14.84	422.34	1.72
OW-2 (MW-41)	4/3/2018	AOC-2	Top of PVC	426.55	3.11	14.78	423.44	1.89
OW-2 (MW-41)	6/15/2018	AOC-2	Top of PVC	426.55	4.81	14.78	421.74	1.62
OW-2 (MW-41)	9/24/2018	AOC-2	Top of PVC	426.55	4.91	14.86	421.64	1.61
OW-2 (MW-41)	12/19/2018	AOC-2	Top of PVC	426.55	3.93	14.78	422.62	1.76
OW-2 (MW-41)	3/27/2019	AOC-2	Top of PVC	426.55	4.07	14.78	422.48	1.74
OW-2 (MW-41)	6/27/2019	AOC-2	Top of PVC	426.55	4.00	14.78	422.55	1.75
OW-2 (MW-41)	9/24/2019	AOC-2	Top of PVC	426.55	4.82	14.86	421.73	1.63
OW-2 (MW-41)	12/19/2019	AOC-2	Top of PVC	426.55	3.28	14.78	423.27	1.86
OW-2 (MW-41)	3/24/2020	AOC-2	Top of PVC	426.55	2.79	14.78	423.76	1.94
OW-2 (MW-41)	6/23/2020	AOC-2	Top of PVC	426.55	5.03	14.78	421.52	1.58
OW-2 (MW-41)	9/22/2020	AOC-2	Top of PVC	426.55	5.16	14.88	421.39	1.57
OW-2 (MW-41)	12/15/2020	AOC-2	Top of PVC	426.55	4.69	14.88	421.86	1.65
OW-2 (MW-41)	3/30/2021	AOC-2	Top of PVC	426.55	3.83	14.88	422.72	1.79



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
OW-3 (AOC-2)	9/23/2014	AOC-2	Top of PVC	427.43	5.28	15.31	422.15	1.62
OW-3 (AOC-2)	12/4/2014	AOC-2	Top of PVC	427.43	4.91	15.31	422.52	1.68
OW-3 (AOC-2)	3/23/2015	AOC-2	Top of PVC	427.43	3.34	15.31	424.09	1.94
OW-3 (AOC-2)	6/29/2015	AOC-2	Top of PVC	427.43	3.35	15.31	424.08	1.94
OW-3 (AOC-2)	9/24/2015	AOC-2	Top of PVC	427.43	5.30	15.31	422.13	1.62
OW-3 (AOC-2)	12/21/2015	AOC-2	Top of PVC	427.43	4.87	15.85	422.56	1.78
OW-3 (AOC-2)	3/24/2016	AOC-2	Top of PVC	427.43	4.47	15.34	422.96	1.76
OW-3 (AOC-2)	6/22/2016	AOC-2	Top of PVC	427.43	5.37	15.35	422.06	1.62
OW-3 (AOC-2)	9/28/2016	AOC-2	Top of PVC	427.43	5.70	15.11	421.73	1.52
OW-3 (AOC-2)	12/22/2016	AOC-2	Top of PVC	427.43	4.81	15.20	422.62	1.68
OW-3 (AOC-2)	3/21/2017	AOC-2	Top of PVC	427.43	4.45	15.34	422.98	1.76
OW-3 (AOC-2)	6/28/2017	AOC-2	Top of PVC	427.43	5.19	15.42	422.24	1.66
OW-3 (AOC-2)	9/26/2017	AOC-2	Top of PVC	427.43	5.43	15.40	422	1.62
OW-3 (AOC-2)	12/19/2017	AOC-2	Top of PVC	427.43	4.68	15.41	422.75	1.74
OW-3 (AOC-2)	4/3/2018	AOC-2	Top of PVC	427.43	3.83	15.30	423.6	1.86
OW-3 (AOC-2)	6/15/2018	AOC-2	Top of PVC	427.43	5.32	15.30	422.11	1.62
OW-3 (AOC-2)	9/24/2018	AOC-2	Top of PVC	427.43	5.49	15.40	421.94	1.61
OW-3 (AOC-2)	12/19/2018	AOC-2	Top of PVC	427.43	4.67	15.30	422.76	1.72
OW-3 (AOC-2)	3/27/2019	AOC-2	Top of PVC	427.43	4.72	15.30	422.71	1.71
OW-3 (AOC-2)	6/27/2019	AOC-2	Top of PVC	427.43	4.60	15.30	422.83	1.73
OW-3 (AOC-2)	9/24/2019	AOC-2	Top of PVC	427.43	5.41	15.40	422.02	1.62
OW-3 (AOC-2)	12/19/2019	AOC-2	Top of PVC	427.43	4.04	15.30	423.39	1.82
OW-3 (AOC-2)	3/24/2020	AOC-2	Top of PVC	427.43	4.32	15.30	423.11	1.78
OW-3 (AOC-2)	6/23/2020	AOC-2	Top of PVC	427.43	5.55	15.30	421.88	1.58
OW-3 (AOC-2)	9/22/2020	AOC-2	Top of PVC	427.43	5.71	15.45	421.72	1.58
OW-3 (AOC-2)	12/15/2020	AOC-2	Top of PVC	427.43	5.20	15.45	422.23	1.66
OW-3 (AOC-2)	3/30/2021	AOC-2	Top of PVC	427.43	4.69	15.45	422.74	1.74
OW-4 (MW-28)	9/23/2014	AOC-2	Top of PVC	426.58	4.33	18.03	422.25	2.22
OW-4 (MW-28)	12/4/2014	AOC-2	Top of PVC	426.58	3.98	18.03	422.60	2.28
OW-4 (MW-28)	3/23/2015	AOC-2	Top of PVC	426.58	2.45	18.03	424.13	2.52
OW-4 (MW-28)	6/29/2015	AOC-2	Top of PVC	426.58	2.45	18.03	424.13	2.52
OW-4 (MW-28)	9/24/2015	AOC-2	Top of PVC	426.58	4.32	18.03	422.26	2.22
OW-4 (MW-28)	12/21/2015	AOC-2	Top of PVC	426.58	3.91	18.04	422.67	2.29
OW-4 (MW-28)	3/24/2016	AOC-2	Top of PVC	426.58	3.51	18.03	423.07	2.35
OW-4 (MW-28)	6/22/2016	AOC-2	Top of PVC	426.58	4.34	18.11	422.24	2.23
OW-4 (MW-28)	9/28/2016	AOC-2	Top of PVC	426.58	4.76	17.89	421.82	2.13
OW-4 (MW-28)	12/22/2016	AOC-2	Top of PVC	426.58	3.96	17.95	422.62	2.27
OW-4 (MW-28)	3/21/2017	AOC-2	Top of PVC	426.58	3.60	18.05	422.98	2.34
OW-4 (MW-28)	6/28/2017	AOC-2	Top of PVC	426.58	4.18	18.16	422.40	2.26
OW-4 (MW-28)	9/26/2017	AOC-2	Top of PVC	426.58	4.55	18.14	422.03	2.20
OW-4 (MW-28)	12/19/2017	AOC-2	Top of PVC	426.58	3.20	18.50	423.38	2.48
OW-4 (MW-28)	4/3/2018	AOC-2	Top of PVC	426.58	2.93	18.07	423.65	2.45
OW-4 (MW-28)	6/15/2018	AOC-2	Top of PVC	426.58	4.42	18.07	422.16	2.21
OW-4 (MW-28)	9/24/2018	AOC-2	Top of PVC	426.58	4.65	18.14	421.93	2.19
OW-4 (MW-28)	12/19/2018	AOC-2	Top of PVC	426.58	3.87	18.07	422.71	2.30
OW-4 (MW-28)	3/27/2019	AOC-2	Top of PVC	426.58	4.08	18.07	422.50	2.27
OW-4 (MW-28)	6/27/2019	AOC-2	Top of PVC	426.58	4.07	18.07	422.51	2.27
OW-4 (MW-28)	9/24/2019	AOC-2	Top of PVC	426.58	4.82	18.14	421.76	2.16
OW-4 (MW-28)	12/19/2019	AOC-2	Top of PVC	426.58	3.21	18.07	423.37	2.41
OW-4 (MW-28)	3/24/2020	AOC-2	Top of PVC	426.58	3.52	18.07	423.06	2.36
OW-4 (MW-28)	6/23/2020	AOC-2	Top of PVC	426.58	4.57	18.07	422.01	2.19
OW-4 (MW-28)	9/22/2020	AOC-2	Top of PVC	426.58	4.84	18.19	421.74	2.16
OW-4 (MW-28)	12/15/2020	AOC-2	Top of PVC	426.58	4.33	18.19	422.25	2.25
OW-4 (MW-28)	3/30/2021	AOC-2	Top of PVC	426.58	3.71	18.19	422.87	2.35



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
OW-5	9/23/2014	AOC-2	Top of PVC	427.35	5.17	14.72	422.18	1.55
OW-5	12/4/2014	AOC-2	Top of PVC	427.35	5.15	14.72	422.20	1.55
OW-5	3/23/2015	AOC-2	Top of PVC	427.35	3.48	14.72	423.87	1.82
OW-5	6/29/2015	AOC-2	Top of PVC	427.35	3.31	14.72	424.04	1.85
OW-5	9/24/2015	AOC-2	Top of PVC	427.35	5.51	14.72	421.84	1.49
OW-5	12/21/2015	AOC-2	Top of PVC	427.35	5.15	14.75	422.20	1.56
OW-5	3/24/2016	AOC-2	Top of PVC	427.35	4.89	14.74	422.46	1.60
OW-5	6/22/2016	AOC-2	Top of PVC	427.35	5.20	14.75	422.15	1.55
OW-5	9/28/2016	AOC-2	Top of PVC	427.35	5.95	14.56	421.40	1.39
OW-5	12/22/2016	AOC-2	Top of PVC	427.35	4.91	14.60	422.44	1.57
OW-5	3/21/2017	AOC-2	Top of PVC	427.35	4.70	15.75	422.65	1.79
OW-5	6/28/2017	AOC-2	Top of PVC	427.35	5.12	14.82	422.23	1.57
OW-5	9/26/2017	AOC-2	Top of PVC	427.35	5.33	14.81	422.02	1.54
OW-5	12/19/2017	AOC-2	Top of PVC	427.35	4.42	14.82	422.93	1.68
OW-5	4/3/2018	AOC-2	Top of PVC	427.35	3.90	14.75	423.45	1.76
OW-5	6/15/2018	AOC-2	Top of PVC	427.35	5.26	14.75	422.09	1.54
OW-5	9/24/2018	AOC-2	Top of PVC	427.35	5.40	14.81	421.95	1.52
OW-5	12/19/2018	AOC-2	Top of PVC	427.35	5.10	14.75	422.25	1.56
OW-5	3/27/2019	AOC-2	Top of PVC	427.35	4.79	14.75	422.56	1.61
OW-5	6/27/2019	AOC-2	Top of PVC	427.35	4.77	14.75	422.58	1.62
OW-5	9/24/2019	AOC-2	Top of PVC	427.35	5.27	14.81	422.08	1.55
OW-5	12/19/2019	AOC-2	Top of PVC	427.35	4.09	14.75	423.26	1.73
OW-5	3/24/2020	AOC-2	Top of PVC	427.35	2.42	14.75	424.93	2.00
OW-5	6/23/2020	AOC-2	Top of PVC	427.35	5.60	14.75	421.75	1.48
OW-5	9/22/2020	AOC-2	Top of PVC	427.35	5.71	14.84	421.64	1.48
OW-5	12/15/2020	AOC-2	Top of PVC	427.35	5.18	14.84	422.17	1.56
OW-5	3/30/2021	AOC-2	Top of PVC	427.35	4.59	14.84	422.76	1.66



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW0512-2	9/23/2014	AOC-3	Top of PVC	435.01	9.45	16.63	425.56	1.16
MW0512-2	12/4/2014	AOC-3	Top of PVC	435.01	9.99	16.63	425.02	1.08
MW0512-2	3/23/2015	AOC-3	Top of PVC	435.01	8.70	16.63	426.31	1.28
MW0512-2	6/29/2015	AOC-3	Top of PVC	435.01	8.17	16.63	426.84	1.37
MW0512-2	9/24/2015	AOC-3	Top of PVC	435.01	9.24	16.63	425.77	1.20
MW0512-2	12/21/2015	AOC-3	Top of PVC	435.01	9.37	16.68	425.64	1.18
MW0512-2	3/24/2016	AOC-3	Top of PVC	435.01	8.44	16.65	426.57	1.33
MW0512-2	6/22/2016	AOC-3	Top of PVC	435.01	9.53	16.67	425.48	1.16
MW0512-2	9/28/2016	AOC-3	Top of PVC	435.01	10.46	16.45	424.55	0.97
MW0512-2	12/22/2016	AOC-3	Top of PVC	435.01	8.74	16.49	426.27	1.26
MW0512-2	3/21/2017	AOC-3	Top of PVC	435.01	8.59	16.65	426.42	1.31
MW0512-2	6/28/2017	AOC-3	Top of PVC	435.01	9.16	16.75	425.85	1.23
MW0512-2	9/26/2017	AOC-3	Top of PVC	435.01	9.12	16.73	425.89	1.23
MW0512-2	12/19/2017	AOC-3	Top of PVC	435.01	8.93	16.70	426.08	1.26
MW0512-2	4/3/2018	AOC-3	Top of PVC	435.01	8.13	16.76	426.88	1.40
MW0512-2	6/15/2018	AOC-3	Top of PVC	435.01	9.28	16.76	425.73	1.21
MW0512-2	9/24/2018	AOC-3	Top of PVC	435.01	9.57	16.73	425.44	1.16
MW0512-2	12/19/2018	AOC-3	Top of PVC	435.01	8.39	16.76	426.62	1.36
MW0512-2	3/27/2019	AOC-3	Top of PVC	435.01	8.55	16.76	426.46	1.33
MW0512-2	6/27/2019	AOC-3	Top of PVC	435.01	8.46	16.76	426.55	1.34
MW0512-2	9/24/2019	AOC-3	Top of PVC	435.01	9.35	16.73	425.66	1.20
MW0512-2	12/19/2019	AOC-3	Top of PVC	435.01	8.16	16.76	426.85	1.39
MW0512-2	3/24/2020	AOC-3	Top of PVC	435.01	8.52	16.76	426.49	1.33
MW0512-2	6/23/2020	AOC-3	Top of PVC	435.01	9.45	16.76	425.56	1.18
MW0512-2	9/22/2020	AOC-3	Top of PVC	435.01	10.13	16.78	424.88	1.08
MW0512-2	12/15/2020	AOC-3	Top of PVC	435.01	9.70	16.78	425.31	1.15
MW0512-2	3/30/2021	AOC-3	Top of PVC	435.01	8.64	16.78	426.37	1.32
MW0911-2	9/23/2014	AOC-3	Top of PVC	432.39	7.81	17.09	424.58	1.50
MW0911-2	12/4/2014	AOC-3	Top of PVC	432.39	8.50	17.09	423.89	1.39
MW0911-2	3/23/2015	AOC-3	Top of PVC	432.39	6.43	17.09	425.96	1.73
MW0911-2	6/29/2015	AOC-3	Top of PVC	432.39	6.12	17.09	426.27	1.78
MW0911-2	9/24/2015	AOC-3	Top of PVC	432.39	7.46	17.09	424.93	1.56
MW0911-2	12/21/2015	AOC-3	Top of PVC	432.39	7.60	17.10	424.79	1.54
MW0911-2	3/24/2016	AOC-3	Top of PVC	432.39	6.61	17.10	425.78	1.70
MW0911-2	6/22/2016	AOC-3	Top of PVC	432.39	8.19	17.14	424.20	1.45
MW0911-2	9/28/2016	AOC-3	Top of PVC	432.39	9.13	16.90	423.26	1.26
MW0911-2	12/22/2016	AOC-3	Top of PVC	432.39	6.58	17.00	425.81	1.69
MW0911-2	3/21/2017	AOC-3	Top of PVC	432.39	6.43	17.10	425.96	1.73
MW0911-2	6/28/2017	AOC-3	Top of PVC	432.39	7.03	17.17	425.36	1.64
MW0911-2	9/26/2017	AOC-3	Top of PVC	432.39	7.33	17.18	425.06	1.60
MW0911-2	12/19/2017	AOC-3	Top of PVC	432.39	6.87	17.16	425.52	1.67
MW0911-2	4/3/2018	AOC-3	Top of PVC	432.39	6.18	17.19	426.21	1.78
MW0911-2	6/15/2018	AOC-3	Top of PVC	432.39	7.38	17.19	425.01	1.59
MW0911-2	9/24/2018	AOC-3	Top of PVC	432.39	8.28	17.18	424.11	1.44
MW0911-2	12/19/2018	AOC-3	Top of PVC	432.39	6.19	17.19	426.20	1.78
MW0911-2	3/27/2019	AOC-3	Top of PVC	432.39	6.39	17.19	426.00	1.75
MW0911-2	6/27/2019	AOC-3	Top of PVC	432.39	6.28	17.19	426.11	1.77
MW0911-2	9/24/2019	AOC-3	Top of PVC	432.39	7.71	17.18	424.68	1.53
MW0911-2	12/19/2019	AOC-3	Top of PVC	432.39	6.00	17.19	426.39	1.81
MW0911-2	3/24/2020	AOC-3	Top of PVC	432.39	6.38	17.19	426.01	1.75
MW0911-2	6/23/2020	AOC-3	Top of PVC	432.39	8.07	17.19	424.32	1.48
MW0911-2	9/22/2020	AOC-3	Top of PVC	432.39	9.20	17.21	423.19	1.30
MW0911-2	12/15/2020	AOC-3	Top of PVC	432.39	8.39	17.21	424.00	1.43
MW0911-2	3/30/2021	AOC-3	Top of PVC	432.39	6.40	17.21	425.99	1.75



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW0512-1	9/24/2014	AOC-4	Top of PVC	435.73	9.21	17.70	426.52	1.38
MW0512-1	12/4/2014	AOC-4	Top of PVC	435.73	9.21	17.70	426.52	1.38
MW0512-1	3/23/2015	AOC-4	Top of PVC	435.73	7.48	17.70	428.25	1.66
MW0512-1	6/29/2015	AOC-4	Top of PVC	435.73	7.19	17.70	428.54	1.70
MW0512-1	9/24/2015	AOC-4	Top of PVC	435.73	9.02	17.70	426.71	1.41
MW0512-1	12/21/2015	AOC-4	Top of PVC	435.73	8.46	17.76	427.27	1.51
MW0512-1	3/24/2016	AOC-4	Top of PVC	435.73	7.52	17.80	428.21	1.67
MW0512-1	6/22/2016	AOC-4	Top of PVC	435.73	9.27	17.78	426.46	1.38
MW0512-1	9/28/2016	AOC-4	Top of PVC	435.73	10.68	17.56	425.05	1.11
MW0512-1	12/22/2016	AOC-4	Top of PVC	435.73	7.62	17.65	428.11	1.62
MW0512-1	3/21/2017	AOC-4	Top of PVC	435.73	7.43	17.77	428.30	1.68
MW0512-1	6/28/2017	AOC-4	Top of PVC	435.73	8.41	17.85	427.32	1.53
MW0512-1	9/26/2017	AOC-4	Top of PVC	435.73	8.89	17.92	426.84	1.46
MW0512-1	12/19/2017	AOC-4	Top of PVC	435.73	7.90	18.04	427.83	1.64
MW0512-1	4/3/2018	AOC-4	Top of PVC	435.73	7.21	18.57	428.52	1.84
MW0512-1	6/15/2018	AOC-4	Top of PVC	435.73	8.84	18.57	426.89	1.58
MW0512-1	9/24/2018	AOC-4	Top of PVC	435.73	9.26	17.92	426.47	1.40
MW0512-1	12/19/2018	AOC-4	Top of PVC	435.73	7.43	18.57	428.30	1.80
MW0512-1	3/27/2019	AOC-4	Top of PVC	435.73	7.61	18.57	428.12	1.78
MW0512-1	6/27/2019	AOC-4	Top of PVC	435.73	7.21	18.57	428.52	1.84
MW0512-1	9/24/2019	AOC-4	Top of PVC	435.73	8.98	17.20	426.75	1.33
MW0512-1	12/19/2019	AOC-4	Top of PVC	435.73	7.23	18.57	428.50	1.84
MW0512-1	3/24/2020	AOC-4	Top of PVC	435.73	7.49	18.57	428.24	1.79
MW0512-1	6/23/2020	AOC-4	Top of PVC	435.73	9.20	18.57	426.53	1.52
MW0512-1	9/22/2020	AOC-4	Top of PVC	435.73	10.13	18.63	425.60	1.38
MW0512-1	12/15/2020	AOC-4	Top of PVC	435.73	8.80	18.63	426.93	1.59
MW0512-1	3/30/2021	AOC-4	Top of PVC	435.73	7.52	18.63	428.21	1.80
MW0911-1	9/24/2014	AOC-4	Top of PVC	434.41	10.27	16.62	424.14	1.03
MW0911-1	12/4/2014	AOC-4	Top of PVC	434.41	10.15	16.62	424.26	1.05
MW0911-1	3/23/2015	AOC-4	Top of PVC	434.41	8.47	16.62	425.94	1.32
MW0911-1	6/29/2015	AOC-4	Top of PVC	434.41	7.65	16.62	426.76	1.45
MW0911-1	9/24/2015	AOC-4	Top of PVC	434.41	10.08	16.62	424.33	1.06
MW0911-1	12/21/2015	AOC-4	Top of PVC	434.41	9.67	16.62	424.74	1.13
MW0911-1	3/24/2016	AOC-4	Top of PVC	434.41	8.58	16.65	425.83	1.31
MW0911-1	6/22/2016	AOC-4	Top of PVC	434.41	10.31	16.67	424.10	1.03
MW0911-1	9/28/2016	AOC-4	Top of PVC	434.41	11.90	16.46	422.51	0.74
MW0911-1	12/22/2016	AOC-4	Top of PVC	434.41	8.70	16.51	425.71	1.27
MW0911-1	3/21/2017	AOC-4	Top of PVC	434.41	8.55	16.60	425.86	1.30
MW0911-1	6/28/2017	AOC-4	Top of PVC	434.41	9.51	16.69	424.90	1.16
MW0911-1	9/26/2017	AOC-4	Top of PVC	434.41	10.00	16.70	424.41	1.09
MW0911-1	12/19/2017	AOC-4	Top of PVC	434.41	9.10	16.70	425.31	1.23
MW0911-1	4/3/2018	AOC-4	Top of PVC	434.41	8.11	16.70	426.30	1.39
MW0911-1	6/15/2018	AOC-4	Top of PVC	434.41	9.94	16.70	424.47	1.10
MW0911-1	9/24/2018	AOC-4	Top of PVC	434.41	10.39	16.70	424.02	1.02
MW0911-1	12/19/2018	AOC-4	Top of PVC	434.41	8.52	16.70	425.89	1.33
MW0911-1	3/27/2019	AOC-4	Top of PVC	434.41	8.78	16.70	425.63	1.28
MW0911-1	6/27/2019	AOC-4	Top of PVC	434.41	8.42	16.70	425.99	1.34
MW0911-1	9/24/2019	AOC-4	Top of PVC	434.41	10.08	16.70	424.33	1.07
MW0911-1	12/19/2019	AOC-4	Top of PVC	434.41	8.10	16.70	426.31	1.39
MW0911-1	3/24/2020	AOC-4	Top of PVC	434.41	8.56	16.70	425.85	1.32
MW0911-1	6/23/2020	AOC-4	Top of PVC	434.41	10.28	16.70	424.13	1.04
MW0911-1	9/22/2020	AOC-4	Top of PVC	434.41	11.42	16.73	422.99	0.86
MW0911-1	12/15/2020	AOC-4	Top of PVC	434.41	9.99	16.73	424.42	1.09
MW0911-1	3/30/2021	AOC-4	Top of PVC	434.41	8.51	16.73	425.90	1.33



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW0610-1	9/24/2014	AOC-5	Top of PVC	431.23	5.26	14.81	425.97	1.55
MW0610-1	12/5/2014	AOC-5	Top of PVC	431.23	4.91	14.81	426.32	1.60
MW0610-1	3/23/2015	AOC-5	Top of PVC	431.23	4.85	14.81	426.38	1.61
MW0610-1	6/29/2015	AOC-5	Top of PVC	431.23	4.88	14.81	426.35	1.61
MW0610-1	9/24/2015	AOC-5	Top of PVC	431.23	5.20	14.81	426.03	1.56
MW0610-1	12/21/2015	AOC-5	Top of PVC	431.23	5.32	14.84	425.91	1.54
MW0610-1	3/24/2016	AOC-5	Top of PVC	431.23	4.80	14.85	426.43	1.63
MW0610-1	6/22/2016	AOC-5	Top of PVC	431.23	5.30	14.85	425.93	1.55
MW0610-1	9/28/2016	AOC-5	Top of PVC	431.23	5.71	14.62	425.52	1.44
MW0610-1	12/22/2016	AOC-5	Top of PVC	431.23	5.23	14.72	426.00	1.54
MW0610-1	3/21/2017	AOC-5	Top of PVC	431.23	5.06	14.82	426.17	1.58
MW0610-1	6/28/2017	AOC-5	Top of PVC	431.23	5.20	14.91	426.03	1.57
MW0610-1	9/26/2017	AOC-5	Top of PVC	431.23	5.23	14.90	426.00	1.57
MW0610-1	12/19/2017	AOC-5	Top of PVC	431.23	5.11	14.90	426.12	1.59
MW0610-1	4/3/2018	AOC-5	Top of PVC	431.23	5.09	14.90	426.14	1.59
MW0610-1	6/15/2018	AOC-5	Top of PVC	431.23	5.27	14.90	425.96	1.56
MW0610-1	9/24/2018	AOC-5	Top of PVC	431.23	5.32	14.90	425.91	1.55
MW0610-1	12/19/2018	AOC-5	Top of PVC	431.23	5.00	14.90	426.23	1.60
MW0610-1	3/27/2019	AOC-5	Top of PVC	431.23	5.37	14.90	425.86	1.54
MW0610-1	6/27/2019	AOC-5	Top of PVC	431.23	5.05	14.90	426.18	1.60
MW0610-1	9/24/2019	AOC-5	Top of PVC	431.23	5.35	14.90	425.88	1.55
MW0610-1	12/19/2019	AOC-5	Top of PVC	431.23	5.00	14.90	426.23	1.60
MW0610-1	3/24/2020	AOC-5	Top of PVC	431.23	4.64	14.90	426.59	1.66
MW0610-1	6/23/2020	AOC-5	Top of PVC	431.23	5.44	14.90	425.79	1.53
MW0610-1	9/22/2020	AOC-5	Top of PVC	431.23	5.69	14.26	425.54	1.39
MW0610-1	12/15/2020	AOC-5	Top of PVC	431.23	5.50	14.26	425.73	1.42
MW0610-1	3/30/2021	AOC-5	Top of PVC	431.23	5.20	14.26	426.03	1.47
MW0811-1	9/24/2014	AOC-5	Top of PVC	429.36	2.45	10.21	426.91	0.31
MW0811-1	12/5/2014	AOC-5	Top of PVC	429.36	2.42	10.21	426.94	0.31
MW0811-1	3/23/2015	AOC-5	Top of PVC	429.36	1.95	10.21	427.41	0.33
MW0811-1	6/29/2015	AOC-5	Top of PVC	429.36	2.00	10.21	427.36	0.33
MW0811-1	9/24/2015	AOC-5	Top of PVC	429.36	2.47	10.21	426.89	0.31
MW0811-1	12/21/2015	AOC-5	Top of PVC	429.36	2.41	10.11	426.95	0.31
MW0811-1	3/24/2016	AOC-5	Top of PVC	429.36	2.09	10.40	427.27	0.33
MW0811-1	6/22/2016	AOC-5	Top of PVC	429.36	2.50	10.98	426.86	0.34
MW0811-1	9/28/2016	AOC-5	Top of PVC	429.36	2.98	10.85	426.38	0.31
MW0811-1	12/22/2016	AOC-5	Top of PVC	429.36	2.25	10.60	427.11	0.33
MW0811-1	3/21/2017	AOC-5	Top of PVC	429.36	2.20	10.76	427.16	0.34
MW0811-1	6/28/2017	AOC-5	Top of PVC	429.36	2.42	10.88	426.94	0.34
MW0811-1	9/26/2017	AOC-5	Top of PVC	429.36	2.40	10.93	426.96	0.34
MW0811-1	12/19/2017	AOC-5	Top of PVC	429.36	2.39	10.91	426.97	0.34
MW0811-1	4/3/2018	AOC-5	Top of PVC	429.36	2.11	11.00	427.25	0.36
MW0811-1	6/15/2018	AOC-5	Top of PVC	429.36	2.51	11.00	426.85	0.34
MW0811-1	9/24/2018	AOC-5	Top of PVC	429.36	2.49	10.93	426.87	0.34
MW0811-1	12/19/2018	AOC-5	Top of PVC	429.36	2.03	11.00	427.33	0.36
MW0811-1	3/27/2019	AOC-5	Top of PVC	429.36	2.24	11.00	427.12	0.35
MW0811-1	6/27/2019	AOC-5	Top of PVC	429.36	2.13	11.00	427.23	0.35
MW0811-1	9/24/2019	AOC-5	Top of PVC	429.36	2.61	10.93	426.75	0.33
MW0811-1	12/19/2019	AOC-5	Top of PVC	429.36	2.08	11.00	427.28	0.36
MW0811-1	3/24/2020	AOC-5	Top of PVC	429.36	2.22	11.00	427.14	0.35
MW0811-1	6/23/2020	AOC-5	Top of PVC	429.36	2.69	11.00	426.67	0.33
MW0811-1	9/22/2020	AOC-5	Top of PVC	429.36	3.02	11.15	426.34	0.33
MW0811-1	12/15/2020	AOC-5	Top of PVC	429.36	2.82	13.91	426.54	0.44
MW0811-1	3/30/2021	AOC-5	Top of PVC	429.36	2.34	11.15	427.02	0.35



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW-63	9/24/2014	AOC-5	Top of PVC	431.44	5.69	14.31	425.75	1.40
MW-63	12/5/2014	AOC-5	Top of PVC	431.44	5.71	14.31	425.73	1.39
MW-63	3/23/2015	AOC-5	Top of PVC	431.44	5.30	14.31	426.14	1.46
MW-63	6/29/2015	AOC-5	Top of PVC	431.44	5.15	14.31	426.29	1.48
MW-63	9/24/2015	AOC-5	Top of PVC	431.44	5.65	14.31	425.79	1.40
MW-63	12/21/2015	AOC-5	Top of PVC	431.44	5.69	14.33	425.75	1.40
MW-63	3/24/2016	AOC-5	Top of PVC	431.44	5.28	14.35	426.16	1.47
MW-63	6/22/2016	AOC-5	Top of PVC	431.44	5.70	14.37	425.74	1.40
MW-63	9/28/2016	AOC-5	Top of PVC	431.44	6.06	14.12	425.38	1.31
MW-63	12/22/2016	AOC-5	Top of PVC	431.44	5.45	14.25	425.99	1.43
MW-63	3/21/2017	AOC-5	Top of PVC	431.44	5.30	14.32	426.14	1.46
MW-63	6/28/2017	AOC-5	Top of PVC	431.44	5.51	14.34	425.93	1.43
MW-63	9/26/2017	AOC-5	Top of PVC	431.44	5.62	14.40	425.82	1.42
MW-63	12/19/2017	AOC-5	Top of PVC	431.44	5.44	14.41	426.00	1.45
MW-63	4/3/2018	AOC-5	Top of PVC	431.44	5.28	14.40	426.16	1.48
MW-63	6/15/2018	AOC-5	Top of PVC	431.44	5.59	14.40	425.85	1.43
MW-63	9/24/2018	AOC-5	Top of PVC	431.44	5.72	14.40	425.72	1.41
MW-63	12/19/2018	AOC-5	Top of PVC	431.44	5.32	14.40	426.12	1.47
MW-63	3/27/2019	AOC-5	Top of PVC	431.44	5.50	14.40	425.94	1.44
MW-63	6/27/2019	AOC-5	Top of PVC	431.44	5.37	14.40	426.07	1.46
MW-63	9/24/2019	AOC-5	Top of PVC	431.44	5.64	14.40	425.80	1.42
MW-63	12/19/2019	AOC-5	Top of PVC	431.44	5.38	14.40	426.06	1.46
MW-63	3/24/2020	AOC-5	Top of PVC	431.44	5.44	14.40	426.00	1.45
MW-63	6/23/2020	AOC-5	Top of PVC	431.44	5.77	14.40	425.67	1.40
MW-63	9/22/2020	AOC-5	Top of PVC	431.44	5.77	14.42	425.67	1.40
MW-63	12/15/2020	AOC-5	Top of PVC	431.44	5.85	14.42	425.59	1.39
MW-63	3/30/2021	AOC-5	Top of PVC	431.44	5.50	14.42	425.94	1.45



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW0610-4	9/22/2014	Carbon Tet Area	Top of PVC	432.39	4.95	15.50	427.44	1.71
MW0610-4	12/5/2014	Carbon Tet Area	Top of PVC	432.39	5.68	15.50	426.71	1.59
MW0610-4	3/23/2015	Carbon Tet Area	Top of PVC	432.39	4.25	15.50	428.14	1.82
MW0610-4	6/29/2015	Carbon Tet Area	Top of PVC	432.39	5.40	15.50	426.99	1.64
MW0610-4	9/24/2015	Carbon Tet Area	Top of PVC	432.39	4.50	15.50	427.89	1.78
MW0610-4	12/21/2015	Carbon Tet Area	Top of PVC	432.39	5.30	15.50	427.09	1.65
MW0610-4	3/24/2016	Carbon Tet Area	Top of PVC	432.39	4.89	15.50	427.50	1.72
MW0610-4	6/22/2016	Carbon Tet Area	Top of PVC	432.39	5.30	15.49	427.09	1.65
MW0610-4	9/28/2016	Carbon Tet Area	Top of PVC	432.39	5.69	15.29	426.70	1.56
MW0610-4	12/22/2016	Carbon Tet Area	Top of PVC	432.39	4.90	15.18	427.49	1.67
MW0610-4	3/21/2017	Carbon Tet Area	Top of PVC	432.39	4.76	15.36	427.63	1.72
MW0610-4	6/28/2017	Carbon Tet Area	Top of PVC	432.39	5.28	15.56	427.11	1.67
MW0610-4	9/26/2017	Carbon Tet Area	Top of PVC	432.39	5.50	15.57	426.89	1.63
MW0610-4	12/19/2017	Carbon Tet Area	Top of PVC	432.39	5.28	15.54	427.11	1.66
MW0610-4	4/3/2018	Carbon Tet Area	Top of PVC	432.39	4.49	15.58	427.90	1.80
MW0610-4	6/15/2018	Carbon Tet Area	Top of PVC	432.39	5.40	15.58	426.99	1.65
MW0610-4	9/24/2018	Carbon Tet Area	Top of PVC	432.39	5.58	15.57	426.81	1.62
MW0610-4	12/19/2018	Carbon Tet Area	Top of PVC	432.39	4.98	15.58	427.41	1.72
MW0610-4	3/27/2019	Carbon Tet Area	Top of PVC	432.39	4.75	15.58	427.64	1.75
MW0610-4	6/27/2019	Carbon Tet Area	Top of PVC	432.39	4.74	15.58	427.65	1.76
MW0610-4	9/24/2019	Carbon Tet Area	Top of PVC	432.39	5.51	15.57	426.88	1.63
MW0610-4	12/19/2019	Carbon Tet Area	Top of PVC	432.39	4.38	15.58	428.01	1.81
MW0610-4	3/24/2020	Carbon Tet Area	Top of PVC	432.39	4.81	15.58	427.58	1.74
MW0610-4	6/23/2020	Carbon Tet Area	Top of PVC	432.39	5.55	15.58	426.84	1.62
MW0610-4	9/22/2020	Carbon Tet Area	Top of PVC	432.39	5.81	15.55	426.58	1.58
MW0610-4	12/15/2020	Carbon Tet Area	Top of PVC	432.39	5.38	15.55	427.01	1.65
MW0610-4	3/30/2021	Carbon Tet Area	Top of PVC	432.39	5.00	15.55	427.39	1.71
MW0610-5	9/22/2014	Carbon Tet Area	Top of PVC	431.53	4.08	15.35	427.45	1.83
MW0610-5	12/5/2014	Carbon Tet Area	Top of PVC	431.53	4.79	15.35	426.74	1.71
MW0610-5	3/23/2015	Carbon Tet Area	Top of PVC	431.53	3.30	15.35	428.23	1.95
MW0610-5	6/29/2015	Carbon Tet Area	Top of PVC	431.53	3.62	15.35	427.91	1.90
MW0610-5	9/24/2015	Carbon Tet Area	Top of PVC	431.53	4.67	15.35	426.86	1.73
MW0610-5	12/21/2015	Carbon Tet Area	Top of PVC	431.53	4.42	15.52	427.11	1.80
MW0610-5	3/24/2016	Carbon Tet Area	Top of PVC	431.53	3.98	15.48	427.55	1.86
MW0610-5	6/22/2016	Carbon Tet Area	Top of PVC	431.53	4.30	15.50	427.23	1.81
MW0610-5	9/28/2016	Carbon Tet Area	Top of PVC	431.53	4.80	15.30	426.73	1.70
MW0610-5	12/22/2016	Carbon Tet Area	Top of PVC	431.53	4.00	15.34	427.53	1.84
MW0610-5	3/21/2017	Carbon Tet Area	Top of PVC	431.53	3.90	15.49	427.63	1.88
MW0610-5	6/28/2017	Carbon Tet Area	Top of PVC	431.53	4.45	15.60	427.08	1.81
MW0610-5	9/26/2017	Carbon Tet Area	Top of PVC	431.53	4.73	15.60	426.80	1.76
MW0610-5	12/19/2017	Carbon Tet Area	Top of PVC	431.53	4.48	15.66	427.05	1.81
MW0610-5	4/3/2018	Carbon Tet Area	Top of PVC	431.53	3.62	15.64	427.91	1.95
MW0610-5	6/15/2018	Carbon Tet Area	Top of PVC	431.53	4.56	15.64	426.97	1.79
MW0610-5	9/24/2018	Carbon Tet Area	Top of PVC	431.53	4.73	15.60	426.80	1.76
MW0610-5	12/19/2018	Carbon Tet Area	Top of PVC	431.53	4.08	15.64	427.45	1.87
MW0610-5	3/27/2019	Carbon Tet Area	Top of PVC	431.53	3.83	15.64	427.70	1.91
MW0610-5	6/27/2019	Carbon Tet Area	Top of PVC	431.53	3.84	15.64	427.69	1.91
MW0610-5	9/24/2019	Carbon Tet Area	Top of PVC	431.53	4.62	15.60	426.91	1.78
MW0610-5	12/19/2019	Carbon Tet Area	Top of PVC	431.53	3.62	15.64	427.91	1.95
MW0610-5	3/24/2020	Carbon Tet Area	Top of PVC	431.53	3.55	15.64	427.98	1.96
MW0610-5	6/23/2020	Carbon Tet Area	Top of PVC	431.53	4.68	15.64	426.85	1.78
MW0610-5	9/22/2020	Carbon Tet Area	Top of PVC	431.53	4.99	15.60	426.54	1.72
MW0610-5	12/15/2020	Carbon Tet Area	Top of PVC	431.53	4.49	15.60	427.04	1.80
MW0610-5	3/30/2021	Carbon Tet Area	Top of PVC	431.53	4.15	15.60	427.38	1.85



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW0811-2	9/22/2014	Carbon Tet Area	Top of PVC	435.55	8.05	13.79	427.50	0.93
MW0811-2	12/5/2014	Carbon Tet Area	Top of PVC	435.55	8.86	13.79	426.69	0.80
MW0811-2	3/23/2015	Carbon Tet Area	Top of PVC	435.55	7.40	13.79	428.15	1.04
MW0811-2	6/29/2015	Carbon Tet Area	Top of PVC	435.55	4.52	13.79	431.03	1.50
MW0811-2	9/24/2015	Carbon Tet Area	Top of PVC	435.55	8.65	13.79	426.90	0.83
MW0811-2	12/21/2015	Carbon Tet Area	Top of PVC	435.55	8.44	13.82	427.11	0.87
MW0811-2	3/24/2016	Carbon Tet Area	Top of PVC	435.55	8.10	13.84	427.45	0.93
MW0811-2	6/22/2016	Carbon Tet Area	Top of PVC	435.55	8.44	13.83	427.11	0.87
MW0811-2	9/28/2016	Carbon Tet Area	Top of PVC	435.55	8.84	13.61	426.71	0.77
MW0811-2	12/22/2016	Carbon Tet Area	Top of PVC	435.55	8.08	13.67	427.47	0.91
MW0811-2	3/21/2017	Carbon Tet Area	Top of PVC	435.55	7.97	13.77	427.58	0.94
MW0811-2	6/28/2017	Carbon Tet Area	Top of PVC	435.55	8.43	14.90	427.12	1.05
MW0811-2	9/26/2017	Carbon Tet Area	Top of PVC	435.55	8.71	13.88	426.84	0.84
MW0811-2	12/19/2017	Carbon Tet Area	Top of PVC	435.55	8.48	13.90	427.07	0.88
MW0811-2	4/3/2018	Carbon Tet Area	Top of PVC	435.55	7.72	13.88	427.83	1.00
MW0811-2	6/15/2018	Carbon Tet Area	Top of PVC	435.55	8.62	13.88	426.93	0.85
MW0811-2	9/24/2018	Carbon Tet Area	Top of PVC	435.55	8.74	13.88	426.81	0.83
MW0811-2	12/19/2018	Carbon Tet Area	Top of PVC	435.55	8.13	13.88	427.42	0.93
MW0811-2	3/27/2019	Carbon Tet Area	Top of PVC	435.55	7.92	13.88	427.63	0.97
MW0811-2	6/27/2019	Carbon Tet Area	Top of PVC	435.55	7.90	13.88	427.65	0.97
MW0811-2	9/24/2019	Carbon Tet Area	Top of PVC	435.55	8.71	13.88	426.84	0.84
MW0811-2	12/19/2019	Carbon Tet Area	Top of PVC	435.55	7.68	13.88	427.87	1.00
MW0811-2	3/24/2020	Carbon Tet Area	Top of PVC	435.55	8.18	13.88	427.37	0.92
MW0811-2	6/23/2020	Carbon Tet Area	Top of PVC	435.55	8.76	13.88	426.79	0.83
MW0811-2	9/22/2020	Carbon Tet Area	Top of PVC	435.55	8.93	13.91	426.62	0.81
MW0811-2	12/15/2020	Carbon Tet Area	Top of PVC	435.55	8.48	11.15	427.07	0.43
MW0811-2	3/30/2021	Carbon Tet Area	Top of PVC	435.55	8.17	13.91	427.38	0.93



Table 1
Summary of Groundwater Elevations

Groundwater Elevations and Volumes								
Monitoring Well I.D.	Date	AOC	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
IW-1	9/22/2014	Toluene Area	Top of PVC	431.34	3.22	14.75	428.12	1.87
IW-1	12/5/2014	Toluene Area	Top of PVC	431.34	3.23	14.75	428.11	1.87
IW-1	3/23/2015	Toluene Area	Top of PVC	431.34	2.55	14.75	428.79	1.98
IW-1	6/29/2015	Toluene Area	Top of PVC	431.34	2.48	14.75	428.86	1.99
IW-1	9/24/2015	Toluene Area	Top of PVC	431.34	3.63	14.75	427.71	1.80
IW-1	12/21/2015	Toluene Area	Top of PVC	431.34	3.32	14.82	428.02	1.86
IW-1	3/24/2016	Toluene Area	Top of PVC	431.34	3.23	14.85	428.11	1.88
IW-1	6/22/2016	Toluene Area	Top of PVC	431.34	3.39	14.98	427.95	1.88
IW-1	9/28/2016	Toluene Area	Top of PVC	431.34	3.58	14.72	427.76	1.80
IW-1	12/22/2016	Toluene Area	Top of PVC	431.34	3.95	15.06	427.39	1.80
IW-1	3/21/2017	Toluene Area	Top of PVC	431.34	2.17	15.00	429.17	2.08
IW-1	6/28/2017	Toluene Area	Top of PVC	431.34	3.34	15.00	428.00	1.89
IW-1	9/26/2017	Toluene Area	Top of PVC	431.34	3.74	15.26	427.60	1.87
IW-1	12/19/2017	Toluene Area	Top of PVC	431.34	2.96	15.21	428.38	1.98
IW-1	4/3/2018	Toluene Area	Top of PVC	431.34	2.93	15.28	428.41	2.00
IW-1	6/15/2018	Toluene Area	Top of PVC	431.34	3.59	15.28	427.75	1.89
IW-1	9/24/2018	Toluene Area	Top of PVC	431.34	3.63	15.26	427.71	1.88
IW-1	12/19/2018	Toluene Area	Top of PVC	431.34	3.18	15.28	428.16	1.96
IW-1	3/27/2019	Toluene Area	Top of PVC	431.34	3.33	15.28	428.01	1.94
IW-1	6/27/2019	Toluene Area	Top of PVC	431.34	3.07	15.28	428.27	1.98
IW-1	9/24/2019	Toluene Area	Top of PVC	431.34	3.51	15.26	427.83	1.90
IW-1	12/19/2019	Toluene Area	Top of PVC	431.34	2.67	15.28	428.67	2.04
IW-1	3/24/2020	Toluene Area	Top of PVC	431.34	3.25	15.28	428.09	1.95
IW-1	6/23/2020	Toluene Area	Top of PVC	431.34	3.58	15.28	427.76	1.90
IW-1	9/22/2020	Toluene Area	Top of PVC	431.34	4.09	15.30	427.25	1.82
IW-1	12/15/2020	Toluene Area	Top of PVC	431.34	3.58	15.30	427.76	1.90
IW-1	3/30/2021	Toluene Area	Top of PVC	431.34	3.26	NM	428.08	NM
IW-2	9/22/2014	Toluene Area	Top of PVC	431.40	3.60	13.15	427.80	1.55
IW-2	12/5/2014	Toluene Area	Top of PVC	431.40	3.69	13.15	427.71	1.53
IW-2	3/23/2015	Toluene Area	Top of PVC	431.40	2.72	13.15	428.68	1.69
IW-2	6/29/2015	Toluene Area	Top of PVC	431.40	2.68	13.15	428.72	1.70
IW-2	9/24/2015	Toluene Area	Top of PVC	431.40	3.65	13.15	427.75	1.54
IW-2	12/21/2015	Toluene Area	Top of PVC	431.40	3.40	15.15	428.00	1.90
IW-2	3/24/2016	Toluene Area	Top of PVC	431.40	3.25	15.15	428.15	1.93
IW-2	6/22/2016	Toluene Area	Top of PVC	431.40	3.55	15.25	427.85	1.90
IW-2	9/28/2016	Toluene Area	Top of PVC	431.40	3.81	15.00	427.59	1.81
IW-2	12/22/2016	Toluene Area	Top of PVC	431.40	2.67	14.83	428.73	1.97
IW-2	3/21/2017	Toluene Area	Top of PVC	431.40	2.64	15.18	428.76	2.03
IW-2	6/28/2017	Toluene Area	Top of PVC	431.40	3.52	15.28	427.88	1.91
IW-2	9/26/2017	Toluene Area	Top of PVC	431.40	3.69	15.26	427.71	1.87
IW-2	12/19/2017	Toluene Area	Top of PVC	431.40	3.18	15.26	428.22	1.96
IW-2	4/3/2018	Toluene Area	Top of PVC	431.40	2.98	15.26	428.42	1.99
IW-2	6/15/2018	Toluene Area	Top of PVC	431.40	3.62	15.26	427.78	1.89
IW-2	9/24/2018	Toluene Area	Top of PVC	431.40	3.69	15.26	427.71	1.87
IW-2	12/19/2018	Toluene Area	Top of PVC	431.40	3.18	15.26	428.22	1.96
IW-2	3/27/2019	Toluene Area	Top of PVC	431.40	3.52	15.26	427.88	1.90
IW-2	6/27/2019	Toluene Area	Top of PVC	431.40	3.33	15.26	428.07	1.93
IW-2	9/24/2019	Toluene Area	Top of PVC	431.40	3.69	3.69	427.71	0.00
IW-2	12/19/2019	Toluene Area	Top of PVC	431.40	2.98	15.26	428.42	1.99
IW-2	3/24/2020	Toluene Area	Top of PVC	431.40	3.23	15.26	428.17	1.95
IW-2	6/23/2020	Toluene Area	Top of PVC	431.40	3.83	15.26	427.57	1.85
IW-2	9/22/2020	Toluene Area	Top of PVC	431.40	3.86	15.30	427.54	1.85
IW-2	12/15/2020	Toluene Area	Top of PVC	431.40	3.48	15.30	427.92	1.91
IW-2	3/30/2021	Toluene Area	Top of PVC	431.40	3.26	15.30	428.14	1.95



Table 2
Summary of Groundwater Field Parameters

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
OW-01 (MW-26)	9/23/2014	AOC-1	1.59	6.36	7.19	-86.1	16.7	3.64
OW-2	9/23/2014	AOC-1	2.07	5.54	7.09	-102	18.7	16.2
OW-2	9/24/2015	AOC-1	2.9	2.514	7.43	-91.7	25.45	17.5
OW-2	9/28/2016	AOC-1	6.99	6.731	7.15	-116	23.59	355.8
OW-2	9/26/2017	AOC-1	4.35	9.37	7.49	-161	24.2	749
OW-2	9/24/2018	AOC-1	0	10.7	6.73	-137	19.46	557
OW-2	9/24/2019	AOC-1	5.56	7.86	6.87	-124	19.89	> 1,000
OW-2	9/22/2020	AOC-1	2.52	11.9	7.36	-181	21	> 1,000
OW-3	9/23/2014	AOC-1	2.16	3.81	7.16	-35.8	15.9	2.38
OW-3	9/24/2015	AOC-1	0.77	3.49	6.96	-100.3	20.79	4
OW-3	9/28/2016	AOC-1	7.58	3.543	7.3	-184.5	21.31	30.8
OW-3	9/26/2017	AOC-1	3.16	3.7	7.85	-93	20.77	151
OW-3	9/24/2018	AOC-1	0.08	4.32	6.94	-209	17.2	161
OW-3	9/24/2019	AOC-1	5.35	4.84	7.01	-110	18.21	101
OW-3	9/22/2020	AOC-1	2.66	4.24	7.56	-247	19	86.1
OW-4	9/23/2014	AOC-1	2	5.39	7.17	-89.5	17.4	4.67
OW-4	9/24/2015	AOC-1	0.01	4.933	7.19	-120.4	22.17	22.1
OW-4	9/28/2016	AOC-1	1.67	5.358	7.06	-165.5	22.98	9.8
OW-4	9/26/2017	AOC-1	4.64	5.29	7.88	-186	21.53	164
OW-4	9/24/2018	AOC-1	0	6.79	6.86	-234	16.33	38.7
OW-4	9/24/2019	AOC-1	5.75	6.22	6.94	-200	17.52	19.1
OW-4	9/22/2020	AOC-1	1.93	6.8	7.54	-277	19	38.1
OW-06 (MW-3)	9/23/2014	AOC-1	2.99	3.95	7.06	-279.5	16.4	43.2
OW-06 (MW-3)	9/24/2015	AOC-1	-6.57	3.066	7.07	-203.7	18.56	19
OW-06 (MW-3)	9/28/2016	AOC-1	6.43	2.689	7.25	-199.3	18.62	69.3
OW-06 (MW-3)	9/26/2017	AOC-1	6.08	7.08	7.88	-117	17.7	1,000
OW-06 (MW-3)	9/24/2018	AOC-1	0.43	3.24	7.12	-134	15.99	143
OW-6 (MW-3)	9/24/2019	AOC-1	7.01	6.67	6.95	-110	16.06	47.8
OW-6 (MW-3)	9/22/2020	AOC-1	2.45	12.7	7.6	-294	16.8	130
OW-07 (MW-27)	9/23/2014	AOC-1	2.95	7.85	8.7	-131.3	17.4	16.9
OW-07 (MW-27)	9/24/2015	AOC-1	1.29	6.281	7.72	-208.6	19.44	6.7
OW-07 (MW-27)	9/28/2016	AOC-1	4	5.362	7.45	-168.6	18.71	8.6
OW-07 (MW-27)	9/26/2017	AOC-1	5.85	6.99	7.64	-87	22.13	452
OW-07 (MW-27)	9/24/2018	AOC-1	0	8.6	7.35	-134	16.63	19.7
OW-7 (MW-27)	9/24/2019	AOC-1	4.84	13	7.36	-125	16.56	12.6
OW-7 (MW-27)	9/22/2020	AOC-1	1.98	9.79	8.16	-204	18.3	33.8
PTOW1-1	9/24/2015	AOC-1	1.63	2.297	7.13	-129.1	19.02	395.7
PTOW1-1	9/26/2017	AOC-1	6.7	5.86	8.1	-104	25.1	1,000
PTOW1-1	9/24/2018	AOC-1	0	8.48	6.8	-79	17.83	1,000
PTOW1-1	9/24/2019	AOC-1	8.4	21.6	6.75	-83	18.62	> 1,000
PTOW1-1	9/22/2020	AOC-1	3.22	20.5	7.58	-151	18.6	> 1,000
PTOW1-4	9/23/2014	AOC-1	3.25	0.84	7.87	56.3	18.3	101.2



Table 2
Summary of Groundwater Field Parameters

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
OW-1	9/22/2014	AOC-2	2.4	4.43	7.86	17	14	16.5
OW-1	12/4/2014	AOC-2	3.27	2.919	7.62	-87.5	10.44	17.3
OW-1	3/23/2015	AOC-2	7.9	1.523	3.2	-31.5	4.11	18.7
OW-1	6/29/2015	AOC-2	3.42	2.467	7.49	-92.4	14.8	11.3
OW-1	9/24/2015	AOC-2	2.07	2.849	7.66	-88.4	13.77	17.6
OW-1	12/21/2015	AOC-2	4.07	3.16	7.66	-129.1	10.9	6.5
OW-1	3/24/2016	AOC-2	4.47	2.988	7.56	-89.8	8	12.2
OW-1	6/22/2016	AOC-2	2.03	2.651	7.32	-42.8	11.49	51.6
OW-1	9/28/2016	AOC-2	5.1	2.219	7.54	-61.2	14.25	42.4
OW-1	12/22/2016	AOC-2	5.4	1.727	7.58	-150.5	11.49	72.3
OW-1	3/21/2017	AOC-2	5.85	2.52	7.45	-62.6	8	41.9
OW-1	6/28/2017	AOC-2	2.95	2.51	7.38	-108.6	12.4	75.1
OW-1	9/26/2017	AOC-2	7.76	2.68	7.72	-59	19.4	734
OW-1	12/19/2017	AOC-2	7.56	2.42	7.21	-104	11.7	1,000
OW-1	4/3/2018	AOC-2	6.73	2.73	7.8	-6.7	8.8	123
OW-1	9/24/2018	AOC-2	1.45	2.84	7.52	-31	13.87	1,000
OW-1	12/19/2018	AOC-2	6.16	2.44	6.62	-176	10.89	737
OW-1	3/27/2019	AOC-2	7.96	2.27	7.07	-38	7.68	204
OW-1	6/27/2019	AOC-2	0	2.8	8.35	-138	12.6	352
OW-1	9/24/2019	AOC-2	6.46	2.78	7.09	-90	14.38	324
OW-1	12/19/2019	AOC-2	10.13	2.56	7.78	12	8.2	659
OW-1	3/24/2020	AOC-2	1.11	2.53	7.47	-45	10.87	216
OW-1	6/23/2020	AOC-2	8.3	2.48	7.23	-142	13.61	374
OW-1	9/22/2020	AOC-2	4.8	3.15	7.97	-83	16.1	428
OW-1	12/15/2020	AOC-2	5.69	2.65	7.95	-113	11.14	691
OW-1	3/30/2021	AOC-2	6.55	2.82	7.92	-191	5.4	579
OW-2 (MW-41)	9/23/2014	AOC-2	5.72	4.12	7.17	-138.3	15.2	3.55
OW-2 (MW-41)	12/4/2014	AOC-2	1.95	3.114	6.88	-180.9	10.69	6.8
OW-2 (MW-41)	3/23/2015	AOC-2	3.4	1.38	3.23	-42.2	2.99	53.5
OW-2 (MW-41)	6/29/2015	AOC-2	3.36	2.004	7.3	-33.9	16.97	27.1
OW-2 (MW-41)	9/24/2015	AOC-2	3.19	2.163	7.18	-115.9	13.42	9
OW-2 (MW-41)	12/21/2015	AOC-2	5.02	3.896	7.15	-152.3	11.6	24.2
OW-2 (MW-41)	3/24/2016	AOC-2	4.52	3.782	7.13	-177	7.3	17.4
OW-2 (MW-41)	6/22/2016	AOC-2	3.28	2.633	7	-62.3	10.72	29.5
OW-2 (MW-41)	9/28/2016	AOC-2	2.35	2.628	7.06	-111.3	13.68	13.1
OW-2 (MW-41)	12/22/2016	AOC-2	3.46	2.388	7.08	-182.4	10.3	105
OW-2 (MW-41)	3/21/2017	AOC-2	7.13	3.12	7.18	-78.8	6.9	12.7
OW-2 (MW-41)	6/28/2017	AOC-2	2.57	3.46	7.05	-175.2	14.2	22.4
OW-2 (MW-41)	9/26/2017	AOC-2	6.12	4.02	7.99	-146	18.2	451
OW-2 (MW-41)	12/19/2017	AOC-2	9.28	3.52	7.22	-188	11.1	700
OW-2 (MW-41)	4/3/2018	AOC-2	5.03	2.98	7.26	-92	6.7	106
OW-2 (MW-41)	9/24/2018	AOC-2	1.35	3.77	6.89	-163	14.27	166
OW-2 (MW-41)	12/19/2018	AOC-2	7.48	3.48	6.76	-198	8.62	221
OW-2 (MW-41)	3/27/2019	AOC-2	8.56	3.51	6.67	-187	7.08	738
OW-2 (MW-41)	6/27/2019	AOC-2	1.22	4.02	7.91	-220	12.4	512
OW-2 (MW-41)	9/24/2019	AOC-2	7.21	4.12	7.09	-164	15.06	257
OW-2 (MW-41)	12/19/2019	AOC-2	8.39	3.36	7.34	-176	8.63	> 1,000
OW-2 (MW-41)	3/24/2020	AOC-2	2.63	3.49	7.01	-177	8.58	422
OW-2 (MW-41)	6/23/2020	AOC-2	7.56	3.4	7.4	-186	15.33	452
OW-2 (MW-41)	9/22/2020	AOC-2	3.05	4.11	7.87	-205	16.8	498
OW-2 (MW-41)	12/15/2020	AOC-2	6.67	3.39	7.42	-187	10.96	540
OW-2 (MW-41)	3/30/2021	AOC-2	4.9	3.73	7.7	-212	3.8	506



Table 2
Summary of Groundwater Field Parameters

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
OW-3 (AOC-2)	9/23/2014	AOC-2	5.78	10.69	7.62	-233.1	14.2	14.6
OW-3 (AOC-2)	12/4/2014	AOC-2	1.42	7.455	7.48	-239.1	10.86	28.7
OW-3 (AOC-2)	3/23/2015	AOC-2	1.98	4.943	3.02	-94.5	7.14	30
OW-3 (AOC-2)	6/29/2015	AOC-2	0.28	5.105	7.22	-230.4	12.11	15.1
OW-3 (AOC-2)	9/24/2015	AOC-2	4.82	6.239	7.67	-154.4	14.16	17.4
OW-3 (AOC-2)	12/21/2015	AOC-2	29.4	7.896	7.64	-217.6	11.3	22
OW-3 (AOC-2)	3/24/2016	AOC-2	2.75	6.849	7.45	-220.2	7.9	9.1
OW-3 (AOC-2)	6/22/2016	AOC-2	1.7	5.092	7.35	90.4	11.01	6.4
OW-3 (AOC-2)	9/28/2016	AOC-2	2.25	5.198	7.7	-162.1	13.6	41.3
OW-3 (AOC-2)	12/22/2016	AOC-2	5.74	3.79	7.5	-207.7	10.72	48.5
OW-3 (AOC-2)	3/21/2017	AOC-2	2.57	5.892	7.17	-185.2	8.7	18.3
OW-3 (AOC-2)	6/28/2017	AOC-2	2.72	5.8	7.18	-189.4	15.7	29.8
OW-3 (AOC-2)	9/26/2017	AOC-2	6.96	5.92	7.9	-182	20.07	1,000
OW-3 (AOC-2)	12/19/2017	AOC-2	8.66	5.39	7.2	-226	11.1	100
OW-3 (AOC-2)	4/4/2018	AOC-2	8.63	5.57	7.27	-	7.9	68.5
OW-3 (AOC-2)	9/24/2018	AOC-2	0.59	5.23	7	-219	14.68	34.2
OW-3 (AOC-2)	12/19/2018	AOC-2	7.33	5.12	6.48	-201	8.81	97.6
OW-3 (AOC-2)	3/27/2019	AOC-2	8.54	4.68	6.63	-209	7.44	138
OW-3 (AOC-2)	6/27/2019	AOC-2	11.62	5	8.21	-223	13.6	491
OW-3 (AOC-2)	9/24/2019	AOC-2	6.22	4.98	7.19	-170	14.3	76.2
OW-3 (AOC-2)	12/19/2019	AOC-2	8.8	5.09	7.41	-170	9.5	178
OW-3 (AOC-2)	3/24/2020	AOC-2	2.39	4.39	7	-200	9.03	150
OW-3 (AOC-2)	6/23/2020	AOC-2	7.62	4.13	7.19	-186	14.72	123
OW-3 (AOC-2)	9/22/2020	AOC-2	4.23	5.11	8.09	-259	17.1	121
OW-3 (AOC-2)	12/15/2020	AOC-2	5.66	4.4	7.64	-213	10.5	89.6
OW-3 (AOC-2)	3/30/2021	AOC-2	2.51	4.57	7.91	-234	5.8	91.5
OW-4 (MW-28)	9/23/2014	AOC-2	7.39	7.18	8.12	472.4	14	5.05
OW-4 (MW-28)	12/4/2014	AOC-2	2.02	4.737	8.1	510.5	10.06	23
OW-4 (MW-28)	3/23/2015	AOC-2	3.03	3.263	3.38	500.5	6.92	70.1
OW-4 (MW-28)	6/29/2015	AOC-2	3.5	1.655	7.72	452.8	13.56	54.1
OW-4 (MW-28)	9/24/2015	AOC-2	1.99	3.184	7.77	369.6	13.95	62.4
OW-4 (MW-28)	12/21/2015	AOC-2	4.04	4.754	7.64	498.4	11	29.1
OW-4 (MW-28)	3/24/2016	AOC-2	34.5	4.349	7.93	524.5	6.7	37.4
OW-4 (MW-28)	6/22/2016	AOC-2	2.28	2.952	7.4	457.4	12.4	49.8
OW-4 (MW-28)	9/28/2016	AOC-2	5.92	2.861	7.79	175.2	14.12	55.6
OW-4 (MW-28)	12/22/2016	AOC-2	7.68	2.434	7.76	-117.1	10.65	85.3
OW-4 (MW-28)	3/21/2017	AOC-2	3.11	3.714	7.36	449.8	9	121.8
OW-4 (MW-28)	6/28/2017	AOC-2	2.29	3.57	7.29	-10.9	17	38.1
OW-4 (MW-28)	9/26/2017	AOC-2	6.06	3.37	7.54	55	18.92	986
OW-4 (MW-28)	12/19/2017	AOC-2	7.75	3.58	7.09	-105	11.3	0
OW-4 (MW-28)	4/3/2018	AOC-2	8.65	3.81	7.48	78	8.4	280
OW-4 (MW-28)	9/24/2018	AOC-2	0.05	3.74	7.29	44	13.8	132
OW-4 (MW-28)	12/19/2018	AOC-2	7.34	3.56	6.65	-163	10.31	626
OW-4 (MW-28)	3/27/2019	AOC-2	7.75	3.40	6.84	1	7.64	891
OW-4 (MW-28)	6/27/2019	AOC-2	11.82	4.05	8.15	-30	13.7	769
OW-4 (MW-28)	9/24/2019	AOC-2	7.24	3.81	7.1	-112	14.1	123
OW-4 (MW-28)	12/19/2019	AOC-2	7.71	3.88	7.63	5	10.5	380
OW-4 (MW-28)	3/24/2020	AOC-2	0	3.96	7.27	14	8.94	85.4
OW-4 (MW-28)	6/23/2020	AOC-2	5.93	3.89	7.32	-34	14.29	296
OW-4 (MW-28)	9/22/2020	AOC-2	3.42	4.38	7.93	-63	16.8	> 1,000
OW-4 (MW-28)	12/15/2020	AOC-2	6.25	3.67	7.66	-123	10.71	487
OW-4 (MW-28)	3/30/2021	AOC-2	4.5	4.15	7.84	-143	4.2	119



Table 2
Summary of Groundwater Field Parameters

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
OW-5	9/23/2014	AOC-2	4.5	3.62	7.48	-59	15.4	13.3
OW-5	12/4/2014	AOC-2	1.8	2.569	7.38	273.9	10.16	114.6
OW-5	3/23/2015	AOC-2	3.06	2.271	3.04	176.1	7.43	30.3
OW-5	6/29/2015	AOC-2	2.31	2.351	7.19	20.1	11.74	18.7
OW-5	9/24/2015	AOC-2	3.25	2.449	7.51	110.8	14.26	89.6
OW-5	12/21/2015	AOC-2	2.62	3.197	7.06	240.8	11.6	408
OW-5	3/24/2016	AOC-2	2.6	3.415	7.31	283.2	8.5	100.4
OW-5	6/22/2016	AOC-2	3.16	2.406	7.46	71.1	10.88	31.6
OW-5	9/28/2016	AOC-2	5.74	2.41	7.44	89.4	13.52	141.9
OW-5	12/22/2016	AOC-2	6.5	2.226	7.38	-88.1	11.38	139.6
OW-5	3/21/2017	AOC-2	3.98	3.617	7.31	-95.5	9.1	1,451
OW-5	6/28/2017	AOC-2	1.79	3.58	7.23	-76.1	16.8	125
OW-5	9/26/2017	AOC-2	4.73	3.49	7.91	-7	19.44	1,000
OW-5	12/19/2017	AOC-2	8.97	3.47	7.67	-113	11.7	0
OW-5	4/3/2018	AOC-2	8.16	3.97	7.37	-34	8.7	360
OW-5	9/24/2018	AOC-2	0	3.75	7.02	-10	14	263
OW-5	12/19/2018	AOC-2	7.87	3.87	6.55	-99	10.16	> 1,000
OW-5	3/27/2019	AOC-2	7.23	4.11	7.16	-10	7.72	1,000
OW-5	6/27/2019	AOC-2	2.54	4.31	8.19	-167	14.2	1,000
OW-5	9/24/2019	AOC-2	7.2	4.08	6.94	-112	14.4	178
OW-5	12/19/2019	AOC-2	9.22	4.53	7.85	-2	9.18	> 1,000
OW-5	3/24/2020	AOC-2	0.79	4.48	7.11	-31	9.95	987
OW-5	6/23/2020	AOC-2	7.89	4.17	7.19	-42	15	> 1,000
OW-5	9/22/2020	AOC-2	2.58	4.85	7.8	-72	17.3	738
OW-5	12/15/2020	AOC-2	8	4.14	7.64	-87	9.3	> 1,000
OW-5	3/30/2021	AOC-2	5.4	4.77	7.71	-102	4.3	841



Table 2
Summary of Groundwater Field Parameters

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
MW0512-2	9/23/2014	AOC-3	5.94	2.11	6.75	-6.3	17.4	8.33
MW0512-2	12/4/2014	AOC-3	2.56	1.768	6.77	-65	10.16	153.5
MW0512-2	3/23/2015	AOC-3	2.01	1.272	2.77	128.6	6.45	32.4
MW0512-2	6/29/2015	AOC-3	2.34	1.86	6.79	-20.4	15.41	9.8
MW0512-2	9/24/2015	AOC-3	2.53	1.088	6.93	-59.2	17.55	20.6
MW0512-2	12/21/2015	AOC-3	3.53	2.029	6.68	-43.7	11	20.6
MW0512-2	3/24/2016	AOC-3	2.45	5.641	6.82	18.1	6.7	6.8
MW0512-2	6/22/2016	AOC-3	2.22	2.007	6.74	-15.7	13.1	40.5
MW0512-2	9/28/2016	AOC-3	6.06	2.716	7.17	-57.8	15.02	109.1
MW0512-2	12/22/2016	AOC-3	8.14	2.495	7.17	-105.4	9.81	60.8
MW0512-2	3/21/2017	AOC-3	3.33	4.544	6.81	-126	8.1	19.3
MW0512-2	6/28/2017	AOC-3	2.73	4.08	6.77	-119	14.4	12.1
MW0512-2	9/26/2017	AOC-3	6.89	2.75	8.57	-107	21.17	400
MW0512-2	12/19/2017	AOC-3	8.75	5.35	6.87	-131	10.5	0
MW0512-2	4/3/2018	AOC-3	9.19	5.71	6.96	-52	10.2	31.6
MW0512-2	9/24/2018	AOC-3	0	3.7	6.46	-75	17.27	30.2
MW0512-2	12/19/2018	AOC-3	8.35	6.06	6.38	-135	8.21	187
MW0512-2	3/27/2019	AOC-3	7.50	6.50	6.88	-162	7.11	38.0
MW0512-2	6/27/2019	AOC-3	11.75	7.39	7.9	-130	16.2	99.3
MW0512-2	9/24/2019	AOC-3	5.75	4.18	6.51	-69	15.56	69.1
MW0512-2	12/19/2019	AOC-3	8.19	7.89	7.16	-98	7.67	159
MW0512-2	3/24/2020	AOC-3	0.41	8.63	6.69	-158	8.51	18
MW0512-2	6/23/2020	AOC-3	5.67	4.71	6.85	-104	15.85	222
MW0512-2	9/22/2020	AOC-3	2.85	6.89	7.14	-139	16.9	239
MW0512-2	12/15/2020	AOC-3	6.93	4.98	6.96	-106	9.12	58.8
MW0512-2	3/30/2021	AOC-3	5.93	9.93	7.49	-132	3.9	61.4
MW0911-2	9/23/2014	AOC-3	5.95	1.92	6.89	-132	14.5	3.69
MW0911-2	12/4/2014	AOC-3	3.88	1.427	6.87	-27.1	10.32	-1.9
MW0911-2	3/23/2015	AOC-3	3.03	1.138	2.71	105.7	9.15	41
MW0911-2	6/29/2015	AOC-3	4.88	0.625	6.82	-89.7	13.33	15.5
MW0911-2	9/24/2015	AOC-3	0.97	1.578	6.98	-94.8	14.23	22.5
MW0911-2	12/21/2015	AOC-3	4.87	2.055	6.75	-107.9	11.4	12.2
MW0911-2	3/24/2016	AOC-3	4.49	1.615	6.96	-100.7	9.1	5.4
MW0911-2	6/22/2016	AOC-3	4.31	2.932	6.62	-41.6	11.05	15
MW0911-2	9/28/2016	AOC-3	5.33	2.571	6.89	-31.4	13.52	26
MW0911-2	12/22/2016	AOC-3	6.61	1.653	7.04	-165.8	10.97	51.2
MW0911-2	3/21/2017	AOC-3	5.57	3.374	7.1	-148.8	8.9	42
MW0911-2	6/28/2017	AOC-3	4.51	4.49	6.75	-177.5	13.6	7.6
MW0911-2	9/26/2017	AOC-3	4.16	3.88	7.87	-226	18.83	222
MW0911-2	12/19/2017	AOC-3	8.93	3.6	7.2	-239	11.4	1,000
MW0911-2	4/3/2018	AOC-3	9.25	4.7	7	-127	10.2	56.1
MW0911-2	9/24/2018	AOC-3	0	4.16	6.55	-86	15.24	23
MW0911-2	12/19/2018	AOC-3	7.50	2.37	6.66	-142	10.87	147
MW0911-2	3/27/2019	AOC-3	8.30	4.41	6.91	-174	9.21	25.9
MW0911-2	6/27/2019	AOC-3	2.79	6.82	7.67	-263	13.6	58.8
MW0911-2	9/24/2019	AOC-3	8.71	5.25	6.64	-118	13.73	69.1
MW0911-2	12/19/2019	AOC-3	9.13	4.4	7.12	-196	9.24	86.3
MW0911-2	3/24/2020	AOC-3	3.51	6.28	6.92	-193	9.05	42.6
MW0911-2	6/23/2020	AOC-3	7.75	6.56	6.66	-186	14.87	63.6
MW0911-2	9/22/2020	AOC-3	2.78	7.05	7.27	-138	16.5	578
MW0911-2	12/15/2020	AOC-3	8.18	5.81	7.38	-144	9.01	81
MW0911-2	3/30/2021	AOC-3	5.78	2.82	7.28	-87	5.2	76.2



Table 2
Summary of Groundwater Field Parameters

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
MW0512-1	9/24/2014	AOC-4	5.24	2.39	6.92	-105.9	16.8	41.5
MW0512-1	12/4/2014	AOC-4	3.58	1.962	6.73	-77.7	11.11	31.7
MW0512-1	3/23/2015	AOC-4	2.09	1.528	2.78	82.7	7.09	112.1
MW0512-1	6/29/2015	AOC-4	3.26	0.829	6.9	-72.8	14.72	38.5
MW0512-1	9/24/2015	AOC-4	3.1	1.858	6.93	-89.8	15.46	341.7
MW0512-1	12/21/2015	AOC-4	3.43	2.242	6.88	-98.8	12	99.3
MW0512-1	3/24/2016	AOC-4	3.27	1.899	7.09	-91.8	8.6	25.5
MW0512-1	6/22/2016	AOC-4	2.98	1.789	7.15	-29.7	11.95	88.9
MW0512-1	9/28/2016	AOC-4	3.47	2.127	7.07	-77.6	15.91	41.8
MW0512-1	12/22/2016	AOC-4	4.94	1.123	7.19	-129.2	10.31	165.8
MW0512-1	3/21/2017	AOC-4	5.63	1.889	6.97	-102.8	9	21.7
MW0512-1	6/28/2017	AOC-4	5.39	3.59	6.94	-160.1	13.6	46.2
MW0512-1	9/26/2017	AOC-4	5.51	2.26	8.21	-134	20.11	1,000
MW0512-1	12/19/2017	AOC-4	6.46	1.92	6.3	-67	11.8	1,000
MW0512-1	4/3/2018	AOC-4	10.48	2.31	7.26	-84	10.6	154
MW0512-1	9/24/2018	AOC-4	0	2.68	6.86	-126	16.56	730
MW0512-1	12/19/2018	AOC-4	7.84	1.78	6.62	-128	11.99	> 1,000
MW0512-1	3/27/2019	AOC-4	8.35	1.88	7.13	-136	8.18	1,000
MW0512-1	6/27/2019	AOC-4	12.04	2.04	8.22	-135	14.4	1,000
MW0512-1	9/24/2019	AOC-4	6.79	2.75	6.75	-95	14.19	69.1
MW0512-1	12/19/2019	AOC-4	8.26	1.58	7.2	-94	9.7	742
MW0512-1	3/24/2020	AOC-4	0.05	1.91	6.82	-94	9.28	> 1,000
MW0512-1	6/23/2020	AOC-4	7.83	2.62	6.85	-135	15.02	986
MW0512-1	9/22/2020	AOC-4	4.37	3.58	7.43	-148	17.1	> 1,000
MW0512-1	12/15/2020	AOC-4	7.28	2.09	7.25	-96	9.96	970
MW0512-1	3/30/2021	AOC-4	6	2.05	7.59	-117	5.1	246
MW0911-1	9/24/2014	AOC-4	5.1	3.6	7.02	-77.3	16.5	21.3
MW0911-1	12/4/2014	AOC-4	1.94	2.543	6.68	-45.3	10.31	16.1
MW0911-1	3/23/2015	AOC-4	1.9	2.374	3.12	96.2	7.91	21.6
MW0911-1	6/29/2015	AOC-4	2.14	1.836	6.97	-83.5	14.12	7.7
MW0911-1	9/24/2015	AOC-4	1.94	3.23	6.94	-68.6	16.49	4.6
MW0911-1	12/21/2015	AOC-4	2.3	3.909	6.84	-57.7	12.6	5.1
MW0911-1	3/24/2016	AOC-4	2.41	1.875	7.14	-120.5	8.3	4.6
MW0911-1	6/22/2016	AOC-4	2.75	3.024	6.87	-26.4	11.35	43.2
MW0911-1	9/28/2016	AOC-4	2.47	2.899	7.18	-39.6	15.79	48.4
MW0911-1	12/22/2016	AOC-4	4.56	1.48	7.12	-127.8	11.08	83.8
MW0911-1	3/21/2017	AOC-4	2.78	2.731	6.92	-94.8	8.9	101
MW0911-1	6/28/2017	AOC-4	3.14	2.44	6.88	-104.8	14.5	46.2
MW0911-1	9/26/2017	AOC-4	4.57	4.23	7.81	-129	19.2	1,000
MW0911-1	12/19/2017	AOC-4	7.38	3.5	5.89	-48	12.5	1,000
MW0911-1	4/3/2018	AOC-4	9.7	5.2	7.01	-54	10.2	541
MW0911-1	9/24/2018	AOC-4	0	4.68	6.86	-91	15.83	121
MW0911-1	12/19/2018	AOC-4	7.39	1.88	6.80	-138	11.77	242
MW0911-1	3/27/2019	AOC-4	7.98	4.63	7.02	-	9.09	112
MW0911-1	6/27/2019	AOC-4	0.92	5.63	7.69	-109	13.6	140
MW0911-1	9/24/2019	AOC-4	8.05	5.62	7.12	-75	14.13	69.1
MW0911-1	12/19/2019	AOC-4	9.76	4.82	7.66	-142	10.09	284
MW0911-1	3/24/2020	AOC-4	0	4.32	7.09	-91	9.94	324
MW0911-1	6/23/2020	AOC-4	6.24	5.79	6.77	-90	14.01	931
MW0911-1	9/22/2020	AOC-4	3.26	5.77	7.47	-120	17.2	231
MW0911-1	12/15/2020	AOC-4	7.79	4.83	7.59	-133	9.52	358
MW0911-1	3/30/2021	AOC-4	4.44	2.09	7.82	-34	5.8	119



Table 2
Summary of Groundwater Field Parameters

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
MW0610-1	9/24/2014	AOC-5	3.82	5.16	7.07	-52.6	17.3	824
MW0610-1	12/5/2014	AOC-5	2.84	3.866	7.23	-55.4	13.26	213
MW0610-1	3/23/2015	AOC-5	3.01	3.625	2.75	89.6	9.5	172.5
MW0610-1	6/29/2015	AOC-5	3.17	2.423	7.01	-40.9	15.52	338.2
MW0610-1	9/24/2015	AOC-5	1.44	3.888	7.11	-79.4	18.2	62.2
MW0610-1	12/21/2015	AOC-5	37.6	4.075	7.02	-57.9	11.4	105.7
MW0610-1	3/24/2016	AOC-5	4.1	4.881	7.44	-104.8	9.5	140.7
MW0610-1	6/22/2016	AOC-5	2.73	3.418	7.24	22.4	14.69	56
MW0610-1	9/28/2016	AOC-5	2.5	3.459	7.23	-62.4	17.96	111.7
MW0610-1	12/22/2016	AOC-5	4.02	3.39	7.21	-87.1	14.96	270.1
MW0610-1	3/21/2017	AOC-5	3.42	6.297	7.07	-57.4	11.6	209.3
MW0610-1	6/28/2017	AOC-5	2.62	7.49	6.94	-76.7	16	82
MW0610-1	9/26/2017	AOC-5	5.49	7.06	7.9	-118	23.17	1,000
MW0610-1	12/19/2017	AOC-5	7.24	7.55	7.24	-77	14.7	556
MW0610-1	4/3/2018	AOC-5	9.24	12.7	7.3	-72	12.7	315
MW0610-1	9/24/2018	AOC-5	0.17	8.09	7.05	-114	17.85	606
MW0610-1	12/19/2018	AOC-5	8.17	9.9	6.15	-103	10.79	> 1,000
MW0610-1	3/27/2019	AOC-5	7.51	9.29	6.39	-	10.25	665
MW0610-1	6/27/2019	AOC-5	10.64	12.6	7.8	-98	17.4	1,000
MW0610-1	9/24/2019	AOC-5	7.44	9.09	6.89	-68	17.73	395
MW0610-1	12/19/2019	AOC-5	8.38	12.2	7.25	-89	13	> 1,000
MW0610-1	3/24/2020	AOC-5	0	1.27	7.26	-109	11.88	> 1,000
MW0610-1	6/23/2020	AOC-5	8.89	13.6	7.32	-101	18.68	> 1,000
MW0610-1	9/22/2020	AOC-5	2.3	11.5	7.65	-121	19.4	477
MW0610-1	12/15/2020	AOC-5	4.93	9.11	7.49	-91	12.04	668
MW0610-1	3/30/2021	AOC-5	3.23	19.7	7.7	-126	6.2	1,000
MW0811-1	9/24/2014	AOC-5	3.92	3.79	6.71	-36.7	21.6	3,704
MW0811-1	12/5/2014	AOC-5	2.93	3.192	6.71	-29.5	19.04	1,361
MW0811-1	6/29/2015	AOC-5	0	1.629	6.71	-20.1	21.75	1,538
MW0811-1	9/24/2015	AOC-5	1.94	3.582	7.02	-23.5	22.65	1,394
MW0811-1	12/21/2015	AOC-5	3.45	3.732	6.76	-24.8	20.1	1,592
MW0811-1	3/24/2016	AOC-5	2.92	3.867	6.82	-66.3	19.4	733.8
MW0811-1	6/22/2016	AOC-5	1.01	3.491	6.8	42.7	21.44	1,448
MW0811-1	12/22/2016	AOC-5	2.74	3.101	6.89	-50.8	18.48	606.9
MW0811-1	6/28/2017	AOC-5	1.41	4.22	6.63	-29.8	22	1,000
MW0811-1	9/26/2017	AOC-5	5.42	3.76	8.18	-94	26.4	1,000
MW0811-1	4/3/2018	AOC-5	7.36	3.66	6.9	-34	16.6	1,000
MW0811-1	9/24/2018	AOC-5	0.46	4.15	6.91	-78	22.21	1,000
MW0811-1	12/19/2018	AOC-5	5.95	4.17	6.42	-99	16.53	> 1,000
MW0811-1	3/27/2019	AOC-5	6.34	4.40	6.74	-103	16.63	1,000
MW0811-1	6/27/2019	AOC-5	1.03	5.33	7.62	-89	23.9	1,000
MW0811-1	9/24/2019	AOC-5	5.91	5.08	6.62	-32	21.93	> 1,000
MW0811-1	12/19/2019	AOC-5	7.36	5.04	7.15	-47	19.68	> 1,000
MW0811-1	3/24/2020	AOC-5	0	5.18	6.89	-35	17.85	> 1,000
MW0811-1	6/23/2020	AOC-5	4.81	5.12	6.85	-68	24.27	> 1,000
MW0811-1	9/22/2020	AOC-5	2.56	5.6	7.36	-93	23.9	> 1,000
MW0811-1	12/15/2020	AOC-5	5.8	4.73	7.18	-78	19.51	> 1,000
MW0811-1	3/30/2021	AOC-5	3.48	99.9	7.34	-80	12.1	1,000



Table 2
Summary of Groundwater Field Parameters

Garlock Sealing Technologies
Site No. 3 Site
BCP Site #C859028

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
MW-63	9/24/2014	AOC-5	3.54	7.25	6.89	-57.2	19.6	4.77
MW-63	12/5/2014	AOC-5	2.98	5.722	6.93	-46	15.53	3.7
MW-63	3/23/2015	AOC-5	2.61	5.25	2.74	92.8	12.62	14.9
MW-63	6/29/2015	AOC-5	2.33	0.043	6.84	-51.4	17.28	8.4
MW-63	9/24/2015	AOC-5	1.79	7.325	7.01	-50.4	20.58	62
MW-63	12/21/2015	AOC-5	27.7	7.454	6.85	-55.3	16.7	7.8
MW-63	3/24/2016	AOC-5	3.07	7.843	7.05	-78.3	13.4	29.7
MW-63	6/22/2016	AOC-5	3.03	3.844	7.17	9.1	17.72	17.6
MW-63	9/28/2016	AOC-5	5.78	6.662	7.16	-35.4	20.43	7.1
MW-63	12/22/2016	AOC-5	3.47	5.502	73.04	-77.2	15.9	82.4
MW-63	3/21/2017	AOC-5	2.78	7.882	6.89	-61.5	13.9	23.5
MW-63	6/28/2017	AOC-5	4.38	7.79	6.8	-96.2	19.1	12.1
MW-63	9/26/2017	AOC-5	4.89	8.76	7.77	-104	24.63	402
MW-63	12/19/2017	AOC-5	6.93	8.42	6.99	-77	16.8	767
MW-63	4/3/2018	AOC-5	8.43	8.64	6.97	-60	15.4	137
MW-63	9/24/2018	AOC-5	0	8.54	6.79	-79	19.92	61.6
MW-63	12/19/2018	AOC-5	7.35	8.91	6.19	-97	13.31	122
MW-63	3/27/2019	AOC-5	7.00	9.29	6.44	-98	11.41	389
MW-63	6/27/2019	AOC-5	10.22	11.5	7.87	-100	19.6	235
MW-63	9/24/2019	AOC-5	5.78	12.3	6.89	-61	18.46	459
MW-63	12/19/2019	AOC-5	8.6	11.4	7.34	-62	13.82	246
MW-63	3/24/2020	AOC-5	0.03	1.08	6.98	-46	12.98	142
MW-63	6/23/2020	AOC-5	5.82	12	7.02	-93	19.78	43.1
MW-63	9/22/2020	AOC-5	3.58	11.9	7.37	-101	20.4	215
MW-63	12/15/2020	AOC-5	5.54	11.2	7.32	-90	13.63	71.3
MW-63	3/30/2021	AOC-5	4.76	17.9	7.52	-120	8.6	123



Table 2
Summary of Groundwater Field Parameters

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
MW0610-4	9/22/2014	Carbon Tet Area	1.14	4.01	7.38	-50.1	16.2	19
MW0610-4	12/5/2014	Carbon Tet Area	2.2	2.855	7.1	-200.5	11.52	7.8
MW0610-4	3/23/2015	Carbon Tet Area	2.6	6.16	2.81	67.2	7.85	43.3
MW0610-4	6/29/2015	Carbon Tet Area	2.02	5.809	6.81	-85	16.42	217.2
MW0610-4	9/24/2015	Carbon Tet Area	-0.94	3.4	7.13	-152.1	18.77	43.4
MW0610-4	12/21/2015	Carbon Tet Area	3.98	4.825	7.02	-180.3	12.2	42
MW0610-4	3/24/2016	Carbon Tet Area	2.84	8.252	7.11	-208.8	7.8	10.6
MW0610-4	6/22/2016	Carbon Tet Area	2.45	5.058	7.17	-145	15.07	175.6
MW0610-4	9/28/2016	Carbon Tet Area	7.45	4.466	7.18	-178.9	18.96	105.2
MW0610-4	12/22/2016	Carbon Tet Area	7.01	2.847	7.4	-204.8	9.3	162.8
MW0610-4	3/21/2017	Carbon Tet Area	2.39	10.51	7.37	-227.5	9.9	14.9
MW0610-4	6/28/2017	Carbon Tet Area	3.01	4.32	7.05	-209.2	16.8	25.2
MW0610-4	9/26/2017	Carbon Tet Area	4.41	4.64	7.85	-213	21	275
MW0610-4	12/19/2017	Carbon Tet Area	8.33	4.82	7.18	-218	12.3	0
MW0610-4	4/3/2018	Carbon Tet Area	8.92	13.8	7.15	-84	7.4	167
MW0610-4	9/24/2018	Carbon Tet Area	0.84	6.72	6.84	-234	16.04	163
MW0610-4	12/19/2018	Carbon Tet Area	7.88	5.59	6.06	-215	6.76	124
MW0610-4	3/27/2019	Carbon Tet Area	7.78	12.7	6.39	-134	5.93	154
MW0610-4	6/27/2019	Carbon Tet Area	2.49	6.12	8.2	-192	15.6	191
MW0610-4	9/24/2019	Carbon Tet Area	7.45	5.55	6.89	-191	16.95	117
MW0610-4	12/19/2019	Carbon Tet Area	8.86	6.21	6.25	65	9.96	108
MW0610-4	3/24/2020	Carbon Tet Area	0.29	10	7.18	-167	6.06	82.2
MW0610-4	6/23/2020	Carbon Tet Area	5.5	6.83	7.12	-247	16.08	47.6
MW0610-4	9/22/2020	Carbon Tet Area	2.07	5.98	7.52	-272	17.4	198
MW0610-4	12/15/2020	Carbon Tet Area	5.86	5.53	7.37	-135	11.41	128
MW0610-4	3/30/2021	Carbon Tet Area	6.37	9.72	7.56	-137	1.7	76.7
MW0610-5	9/22/2014	Carbon Tet Area	1.04	3.73	7.14	-80.3	17.2	26.4
MW0610-5	12/5/2014	Carbon Tet Area	2.02	2.834	6.91	-228	12.94	25.7
MW0610-5	3/23/2015	Carbon Tet Area	2.38	8.244	2.83	-9.1	8.47	99.6
MW0610-5	6/29/2015	Carbon Tet Area	2.42	3.391	7.07	-159	18.63	120.1
MW0610-5	9/24/2015	Carbon Tet Area	-3.28	2.93	7.2	-162.4	19.27	164.5
MW0610-5	12/21/2015	Carbon Tet Area	2.94	3.849	6.89	-210.1	13.1	44.1
MW0610-5	3/24/2016	Carbon Tet Area	1.74	8.846	6.98	-251.8	7.5	39.7
MW0610-5	6/22/2016	Carbon Tet Area	2.16	4.348	7.12	-136.8	15.17	81.1
MW0610-5	9/28/2016	Carbon Tet Area	1.47	3.705	7.01	-238.7	20.01	34.8
MW0610-5	12/22/2016	Carbon Tet Area	6.4	3.69	7.28	-213.3	9.43	87.6
MW0610-5	3/21/2017	Carbon Tet Area	3.52	11.37	7.15	-196.7	9.2	139.7
MW0610-5	6/28/2017	Carbon Tet Area	2.02	4.55	6.79	-255.7	16.1	43.7
MW0610-5	9/26/2017	Carbon Tet Area	5.69	3.95	9.07	-210	21.1	615
MW0610-5	12/19/2017	Carbon Tet Area	8.24	3.8	6.42	-247	13	1,000
MW0610-5	4/3/2018	Carbon Tet Area	8.52	14.3	7.03	-134	9.2	191
MW0610-5	9/24/2018	Carbon Tet Area	0	4.41	6.73	-245	16.05	251
MW0610-5	12/19/2018	Carbon Tet Area	7.96	4.55	5.63	-209	9.70	173
MW0610-5	3/27/2019	Carbon Tet Area	8.94	10.8	6.09	-199	5.94	141
MW0610-5	6/27/2019	Carbon Tet Area	4.14	5.57	7.7	-248	14.9	208
MW0610-5	9/24/2019	Carbon Tet Area	5.78	4.28	6.82	-189	16.89	161
MW0610-5	12/19/2019	Carbon Tet Area	9.33	8.49	7.41	-7	8.59	196
MW0610-5	3/24/2020	Carbon Tet Area	3.19	8.57	6.7	-225	7.31	213
MW0610-5	6/23/2020	Carbon Tet Area	6.64	4.54	6.85	-257	14.93	216
MW0610-5	9/22/2020	Carbon Tet Area	2.58	4.86	7.47	-304	18.3	389
MW0610-5	12/15/2020	Carbon Tet Area	5.2	4.22	7.13	-235	12	270
MW0610-5	3/30/2021	Carbon Tet Area	7.37	9.25	7.36	-231	3	198



Table 2
Summary of Groundwater Field Parameters

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
MW0811-2	9/22/2014	Carbon Tet Area	1.56	2.69	7.15	26.2	17.1	8.11
MW0811-2	12/5/2014	Carbon Tet Area	2.62	2.556	7.2	-91.4	12.39	6.2
MW0811-2	3/23/2015	Carbon Tet Area	2.43	4.203	2.9	121.1	8.27	31.3
MW0811-2	6/29/2015	Carbon Tet Area	2.09	4.054	7.15	-185.7	17.79	30.5
MW0811-2	9/24/2015	Carbon Tet Area	2.07	2.372	7.04	-133.2	19.29	25.2
MW0811-2	12/21/2015	Carbon Tet Area	3.23	1.959	7	-130	13.1	6.3
MW0811-2	3/24/2016	Carbon Tet Area	2.26	8.392	7.03	-154	7.6	6.4
MW0811-2	6/22/2016	Carbon Tet Area	2.85	2.966	7.4	-131.4	14.39	19.5
MW0811-2	9/28/2016	Carbon Tet Area	3.49	4.961	7.09	-46.1	20.59	20.5
MW0811-2	12/22/2016	Carbon Tet Area	9.43	1.768	7.49	-149	9.77	127.1
MW0811-2	3/21/2017	Carbon Tet Area	4.41	4.302	7.73	-172.6	8.4	76.1
MW0811-2	6/28/2017	Carbon Tet Area	4.47	4.18	7.17	-138.4	15.7	20.8
MW0811-2	9/26/2017	Carbon Tet Area	6.22	3.49	7.81	-87	21.9	255
MW0811-2	12/19/2017	Carbon Tet Area	8.09	2.52	7.23	-135	12.3	0
MW0811-2	4/3/2018	Carbon Tet Area	10.37	9.25	6.71	145	8.7	150
MW0811-2	9/24/2018	Carbon Tet Area	0.4	4.72	6.68	-61	17.06	741
MW0811-2	12/19/2018	Carbon Tet Area	9.10	3.43	5.39	202	7.67	71.9
MW0811-2	3/27/2019	Carbon Tet Area	11.46	4.92	5.51	196	6.70	48.1
MW0811-2	6/27/2019	Carbon Tet Area	3.96	2.8	7.5	18	15.1	41.2
MW0811-2	9/24/2019	Carbon Tet Area	7.46	4.61	7.06	-126	17.06	34.2
MW0811-2	12/19/2019	Carbon Tet Area	9.22	3.27	7.61	81	8.49	151
MW0811-2	3/24/2020	Carbon Tet Area	4.07	4.34	6.31	93	7.93	47.6
MW0811-2	6/23/2020	Carbon Tet Area	0.48	100 >	6.6	-87	15.99	39.8
MW0811-2	9/22/2020	Carbon Tet Area	2.02	5.17	6.97	-52	16.3	36
MW0811-2	12/15/2020	Carbon Tet Area	9.61	3.19	7.11	72	12.14	44.6
MW0811-2	3/30/2021	Carbon Tet Area	9.66	25.8	6.64	89	8.4	55.5



Table 2
Summary of Groundwater Field Parameters

			Diss. Oxygen	Electrical Conductivity	pH	Redox	Temp	Turbidity
Well ID	Date Sampled	Monitoring Zone	mg/L	mS/cm	pH Units	mV	°C	NTU
IW-1	9/22/2014	Toluene Area	3.4	5.1	7.29	-71	18.9	92
IW-1	12/4/2014	Toluene Area	5.09	4.555	7.1	-46.4	12.98	840.5
IW-1	3/23/2015	Toluene Area	3.42	8.05	3.02	26.3	5.3	20.7
IW-1	6/29/2015	Toluene Area	2.37	0.014	7.67	13	21.8	179.2
IW-1	9/24/2015	Toluene Area	3.29	5.655	7.5	3.7	22.65	1,394
IW-1	12/21/2015	Toluene Area	6.26	2.833	7.25	-13.2	14	142.6
IW-1	3/24/2016	Toluene Area	7.69	9.477	7.31	-137.1	9.9	131.8
IW-1	6/22/2016	Toluene Area	4.33	4.048	7.5	31.4	16.14	869
IW-1	9/28/2016	Toluene Area	7.05	7.931	7.21	-29.2	24.48	126.1
IW-1	12/22/2016	Toluene Area	7.74	5.004	7.36	-43.1	14.12	503.4
IW-1	3/21/2017	Toluene Area	4.72	19.61	7.04	-126	8.6	23
IW-1	6/28/2017	Toluene Area	6.52	9.59	7.34	-136.8	23.2	100
IW-1	9/26/2017	Toluene Area	5.36	3.8	7.75	-198	21.9	1,000
IW-1	12/19/2017	Toluene Area	6.83	4.73	6.77	-209	13.8	1,000
IW-1	4/3/2018	Toluene Area	6.64	12.8	7.23	-99	11.1	1,000
IW-1	9/24/2018	Toluene Area	0.64	5.51	7.37	-123	17.81	1,000
IW-1	12/19/2018	Toluene Area	8.24	7.25	6.21	-162	9.50	> 1,000
IW-1	3/27/2019	Toluene Area	8.63	10.6	5.75	-31	7.54	1,000
IW-1	6/27/2019	Toluene Area	4.86	6.97	7.98	-178	16	1,000
IW-1	9/24/2019	Toluene Area	8.85	2.65	6.31	-34	20.6	488
IW-1	12/19/2019	Toluene Area	8.63	14.2	7.11	45	10.22	> 1,000
IW-1	3/24/2020	Toluene Area	0	1.03	6.75	-118	9.1	> 1,000
IW-1	6/23/2020	Toluene Area	7.63	7.35	7.04	-222	21.96	41.3
IW-1	9/22/2020	Toluene Area	4.81	4.76	7.1	-97	18.1	> 1,000
IW-1	12/15/2020	Toluene Area	8.11	6.36	7.55	-37	12.59	> 1,000
IW-2	9/22/2014	Toluene Area	1.35	3.65	7.36	22.1	15.8	15.4
IW-2	12/5/2014	Toluene Area	2.43	3.445	7.34	-65.6	13.37	48.4
IW-2	3/23/2015	Toluene Area	2.03	5.18	3.02	108.4	9.56	73.5
IW-2	6/29/2015	Toluene Area	3.81	7.63	6.97	-89.9	23.2	16.1
IW-2	9/24/2015	Toluene Area	1.9	3.442	7.2	8.4	21.95	102.1
IW-2	12/21/2015	Toluene Area	3.4	4.225	7.31	-43.7	14.4	146.7
IW-2	3/24/2016	Toluene Area	2.55	9.23	7.19	-107.2	11.7	53.7
IW-2	6/22/2016	Toluene Area	2.63	3.044	7.34	20.1	15.42	76
IW-2	9/28/2016	Toluene Area	7.35	3.482	7.48	-2.7	20.31	153.8
IW-2	12/22/2016	Toluene Area	10.3	5.092	7.35	-66.1	9.52	124.9
IW-2	3/21/2017	Toluene Area	3.88	6.84	7.31	43.1	12.3	410.5
IW-2	6/28/2017	Toluene Area	4.43	4.22	7.16	-88.7	15.6	43.5
IW-2	9/26/2017	Toluene Area	3.43	3.41	7.57	-77	21.42	1,000
IW-2	12/19/2017	Toluene Area	3.63	4.21	6.91	-157	13.4	1,000
IW-2	4/3/2018	Toluene Area	6.32	13.2	7.1	-58	11	1,000
IW-2	9/24/2018	Toluene Area	0.1	-34	7.21	-34	15.85	638
IW-2	12/19/2018	Toluene Area	7.79	8.63	6.24	-143	12.23	> 1,000
IW-2	3/27/2019	Toluene Area	6.41	13.4	6.12	-136	9.32	1,000
IW-2	6/27/2019	Toluene Area	2.29	5.03	8.31	-109	15.9	1,000
IW-2	9/24/2019	Toluene Area	5.64	3.61	7.04	-136	17.3	485
IW-2	12/19/2019	Toluene Area	9.24	11.8	7.39	59	9.65	429
IW-2	3/24/2020	Toluene Area	0.06	9.07	7.04	-59	9.04	762
IW-2	6/23/2020	Toluene Area	5.42	4.04	7.19	-90	16.27	> 1,000
IW-2	9/22/2020	Toluene Area	3.45	4.84	7.55	-192	18.4	> 1,000
IW-2	12/15/2020	Toluene Area	6.29	6.44	7.59	-77	12.87	> 1,000
IW-2	3/30/2021	Toluene Area	5.81	7.45	7.46	-89	3.8	786



Table 3
Summary of AOC-1 Groundwater Monitoring Results

AOC-1																								
Sampling Location	Sampling Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	Acetone	Benzene	Carbon disulfide	Carbon tetrachloride	Chloroform (Trichloromethane)	Cyclohexane	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl acetate	Methyl cyclohexane	Methylene chloride	o-Xylene	Toluene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Regulatory Standard	5	5	5	5	2	5	5	50	50	1	60	5	7		5	5	5				5	5	5
OW-2	11/12/08	<10	<10	<10	<10	<10	<10	<10	<20	<20	120	<10	<10	<10	-	4.9	-	-	-	-	<10	-	56	39
OW-2	03/25/09	<500	<500	<500	<500	<500	<500	<500	<1,000	<1,000	470	<500	<500	<500	-	<500	-	-	-	-	110	-	9,400	<500
OW-2	06/29/09	<2	<2	<2	<2	<2	<2	<2	<10	<10	210	<5	<2	<2	-	5.36	-	21.6	-	-	<5	<2	27.1	-
OW-2	09/30/09	<2	<2	<2	<2	<2	<2	<2	<10	<10	120	<5	<2	<2	-	3	-	11.3	-	-	<5	<2	<2	-
OW-2	12/31/09	<2	<2	<2	<2	<2	<2	<2	<10	<10	66.3	<5	<2	3.19	-	2.31	-	5.3	-	-	<5	<2	2.27	-
OW-2	03/31/10	<2	<2	<2	<2	<2	<2	<2	<10	<10	88.8	<5	<2	<2	-	2.83	-	13.7	-	-	<5	<2	205	-
OW-2	08/31/10	<2	<2	<2	<2	<2	<2	<2	<10	<10	83.7	<5	<2	<2	-	<2	-	5.93	-	-	<5	<2	<2	-
OW-2	11/18/10	<2	<2	<2	<2	<2	<2	<2	<10	<10	31.3	<2	<2	<2	-	<2	-	3.34	-	-	<5	<2	<2	-
OW-2	05/26/11	<2	<2	<2	<2	<2	<2	<2	<10	<10	16.2	<2	<2	<2	-	<2	-	2.35	-	-	<5	<2	<2	-
OW-2	08/31/11	-	-	-	-	-	-	-	-	-	16.4	-	-	<1	-	<1	-	-	-	-	-	-	<1	<1
OW-2	12/15/11	-	-	-	-	-	-	-	-	-	13.4	-	-	<1	-	<1	-	-	-	-	-	-	<1	2.04
OW-2	03/21/12	-	-	-	-	-	-	-	-	-	16	-	-	<1	<1	<1	-	-	-	1.5	-	-	<1	1.6
OW-2	06/19/12	<2	<2	<2	<2	<2	<2	<2	<20	<20	11	<2	<2	<2	28	<2	<2	-	<2	95	<2	-	<2	3.2 J
OW-2	09/25/12	<1	<1	<1	<1	<1	0.41 J	<1	<10	<10	7.9	0.76 J	<1	<1	54	<1	<1	-	<1	53	<1	-	<1	1.6 J
OW-2	12/19/12	<1	<1	<1	<1	<1	<1	<1	<10	<10	8.3	1.2	<1	<1	35	<1	<1	-	<1	140	<1	-	<1	0.86 J
OW-2	03/19/13	<4	<4	<4	<4	<4	<4	<4	<40	<40	8.6	<4	<4	<4	41	<4	<4	-	<4	270	<4	-	<4	<8
OW-2	09/23/14	<0.3	<0.22	<0.3	<0.33	<0.32	0.23 J	<0.57	<0.81	<1.3	4.1 J	0.27 J	<0.45	<0.25	36	0.74 J	0.3 J	0.63 J	<0.43	170	<0.32	<0.2	<0.2	-
OW-2	09/24/15	<0.5	<0.5	<2.5	<2.5	<1	<2.5	<0.5	<5	<5	0.19 J	<5	<0.5	<2.5	0.68 J	<2.5	<2.5	<2.5	<2	0.8 J	<2.5	<2.5	<2.5	-
OW-2	09/28/16	<1.8	<1.8	<7	<7	<0.71	<7	<1.7	<19	78	3.4 J	<10	<1.3	<7	25 J	<7	<7	<7	<2.3	110	<7	<7	<7	-
OW-2	09/26/17	<0.18	<0.18	<0.7	<0.7	0.11 J	<0.7	<0.17	<1.9	<1.5	3.6	<1	<0.13	<0.7	73	1 J	<0.7	0.94 J	<0.23	180	<0.7	<0.7	<0.7	-
OW-2	09/24/18	<0.18	<0.18	<0.7	<0.7	<0.07	<0.7	<0.17	<1.9	<1.5	0.79	<1	<0.13	<0.7	24	<0.7	<0.7	1.5 J	<0.23	47	<0.7	<0.7	1.5 J	-
OW-2	09/24/19	<0.50	<0.50	<2.5	<2.5	<1.0	<2.5	<0.50	<5.0	6.9	1.8	<5.0	<0.50	<2.5	2.6 J	<2.5	<2.5	0.91 J	<2.0	4.0 J	<2.5	<2.5	<2.5	-
OW-2	09/22/20	<0.50	<0.50	<2.5	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	2.1	<5.0	<0.50	<2.5	15	<2.5	<2.5	1.4 J	<2.0	9.8 J	<2.5	<2.5	1.4 J	-
OW-3	11/12/08	<5	<5	62	<5	32	<5	<5	7	10	6.9	<5	<5	<5	-	<5	-	-	-	-	<5	-	26	<5
OW-3	03/25/09	<5	<5	56	<5	54	<5	<5	10	8.3	9.1	<5	<5	<5	-	<5	-	-	-	-	<5	-	<5	<5
OW-3	06/29/09	<2	<2	19.5	<2	44.3	<2	<2	<10	<10	5.12	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-3	09/30/09	<2	<2	3.14	<2	8.91	<2	<2	<10	<10	4.67	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-3	12/30/09	<2	<2	2.91	<2	5.54	<2	<2	<10	<10	6.45	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-3	03/31/10	<2	<2	<2	<2	3.11	<2	<2	<10	<10	6.03	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-3	08/31/10	<2	<2	<2	<2	6.73	<2	<2	<10	<10	5.2	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-3	11/18/10	<2	<2	<2	<2	3.61	<2	<2	<10	<10	4.57	<2	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-3	02/23/11	<2	<2	<2	<2	<2	<2	<2	<10	<10	3.98	<2	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-3	05/25/11	<2	<2	<2	<2	<2	<2	<2	<10	<10	1.89	<2	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-3	08/30/11	-	<1	<1	-	<1	<1	-	-	<1	1.79	-	-	-	-	-	-	-	-	-	-	-	<1	-
OW-3	12/14/11	-	<1	<1	-	<1	<1	-	-	<1	1.28	-	-	-	-	-	-	-	-	-	-	-	<1	-
OW-3	03/21/12	-	0.88	2.1	-	2.1	<1	-	-	<1	1.3	-	-	-	-	-	-	-	-	-	-	-	<1	-
OW-3	06/19/12	<1	<1	1.5	<1	1.8	<1	<1	<10	<10	1.6	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	-	<1	<2
OW-3	09/25/12	<1	<1	1.4	<1	2	0.41 J	<1	<10	<10	3.5	<1	<1	<1	<1	<1	<1	-	<1	<1	<1	-	<1	<2
OW-3	12/19/12	<1	<1	1.5	<1	2.1	0.43 J	<1	<10	<10	2.6	0.36 J	<1	<1	0.42 J	<1	<1	-	0.88 J	0.2 J	<1	-	<1	<2
OW-3	03/19/13	<1	<1	1.1	<1	1.8	<1	<1	<10	<10	1.3	<1	<1	<1	0.27 J	<1	<1	-	<1	<1	<1	-	<1	<2
OW-3	09/23/14	<0.3	<0.22	0.86 J	<0.33	1.1 J	0.31 J	<0.57	<0.81	<1.3	0.46 J	0.52 J	<0.45	<0.25	<0.25	<0.2	<0.2	<0.33	<0.43	<0.27	<0.32	<0.2	<0.2	-
OW-3	09/24/15	<0.5	<0.5	<2.5	<2.5	<1	<2.5	<0.5	<5	<5	0.32 J	<5	<0.5	<2.5	<10	<2.5	<2.5	<2.5	<2	<10	<2.5	<2.5	<2.5	-
OW-3	09/28/16	<0.18	<0.18	0.81 J	<0.7	2.2	<0.7	<0.17	<1.9	<1.5	0.32 J	<1	<0.13	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	<0.4	<0.7	<0.7	<0.7	-
OW-3	09/26/17	<0.18	<0.18	0.75 J	<0.7	4.1	<0.7	<0.17	<1.9	<1.5	0.17 J	<1	<0.13	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	<0.4	<0.7	<0.7	<0.7	-
OW-3	09/24/18	<0.18	<0.18	1.3 J	<0.7	4.1	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.13	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	<0.4	<0.7	<0.7	<0.7	-
OW-3	09/24/19	<0.50	<0.50	1.0 J	<2.5	4.9	<2.5	<0.50	<5.0	5.2	<0.50	<5.0	<0.50	<2.5										

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 3
Summary of AOC-1 Groundwater Monitoring Results

Sampling Location	Sampling Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	Acetone	Benzene	Carbon disulfide	Carbon tetrachloride	Chloroform (Trichloromethane)	Cyclohexane	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl acetate	Methyl cyclohexane	Methylene chloride	o-Xylene	Toluene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Regulatory Standard	5	5	5	5	2	5	5	50	50	1	60	5	7		5	5	5				5	5	5
OW-4	11/12/08	<5	<5	6.4	<5	<5	<5	<5	12	2.3	1.2	<5	<5	1.9	-	<5	-	-	-	-	<5	-	<5	<5
OW-4	03/25/09	<5	<5	1.9	<5	3.2	<5	<5	2.3	20	1.7	<5	<5	0.84	-	<5	-	-	-	-	<5	-	<5	<5
OW-4	06/29/09	<2	<2	<2	<2	<2	<2	<2	<10	<10	1.24	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-4	09/29/09	<2	<2	<2	<2	2.2	<2	<2	<10	<10	3.08	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-4	12/28/09	<2	<2	<2	<2	2.06	<2	<2	<10	<10	3.52	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-4	03/31/10	<2	<2	<2	<2	2.16	<2	<2	<10	<10	4.72	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-4	08/30/10	<2	<2	<2	<2	<2	<2	<2	<10	<10	12.9	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-4	11/17/10	<2	<2	<2	<2	<2	<2	<2	<10	<10	12.2	<2	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-4	02/22/11	<2	<2	<2	<2	<2	<2	<2	<10	<10	7.89	<2	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-4	05/25/11	<2	<2	<2	<2	<2	<2	<2	<10	<10	5.74	<2	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-4	08/30/11	-	-	-	-	<1	-	-	-	-	8.19	-	-	-	-	-	-	-	-	-	-	-	-	-
OW-4	12/14/11	-	-	-	-	<1	-	-	-	-	6.53	-	-	-	-	-	-	-	-	-	-	-	-	-
OW-4	03/22/12	-	-	-	-	0.98	-	-	-	-	5.5	-	-	-	1.4	-	-	-	-	-	-	-	-	-
OW-4	06/19/12	<1	<1	<1	<1	0.95 J	<1	<1	<10	<10	4.5	0.97 J	<1	<1	1.2	<1	<1	-	<1	4.5	<1	-	<1	<2
OW-4	09/25/12	<1	<1	<1	<1	1	<1	<1	<10	<10	2	1.3	<1	<1	1.6	<1	<1	-	<1	<1	<1	-	<1	<2
OW-4	12/19/12	<1	<1	<1	<1	0.94 J	<1	<1	<10	<10	2.4	0.38 J	<1	<1	1.4	<1	<1	-	<1	0.35 J	<1	-	<1	<2
OW-4	03/19/13	<1	<1	<1	<1	0.98 J	<1	<1	<10	<10	2.9	0.57 J	<1	<1	0.95 J	<1	<1	-	<1	<1	<1	-	<1	<2
OW-4	09/23/14	<0.3	<0.22	<0.3	<0.33	0.44 J	<0.2	<0.57	<0.81	<1.3	<0.2	0.46 J	<0.45	0.41 J	<0.25	<0.2	<0.2	<0.33	<0.43	<0.27	<0.32	<0.2	<0.2	-
OW-4	09/24/15	<0.5	<0.5	<2.5	<2.5	<1	<2.5	<0.5	<5	1.6 J	<0.5	<5	0.17 J	<2.5	0.52 J	<2.5	<2.5	<2.5	<2	<10	<2.5	<2.5	<2.5	-
OW-4	09/28/16	<0.18	<0.18	<0.7	<0.7	0.94 J	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.13	<0.7	0.33 J	<0.7	<0.7	<0.7	<0.23	<0.4	<0.7	<0.7	<0.7	-
OW-4	09/26/17	<0.18	<0.18	<0.7	<0.7	0.96 J	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.13	<0.7	0.76 J	<0.7	<0.7	<0.7	<0.23	4.2 J	<0.7	<0.7	<0.7	-
OW-4	09/24/18	<0.18	<0.18	<0.7	<0.7	0.59 J	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.13	<0.7	0.68 J	<0.7	<0.7	<0.7	<0.23	5.9 J	<0.7	<0.7	<0.7	-
OW-4	09/24/19	<0.50	<0.50	<2.5	<2.5	0.65 J	<2.5	<0.50	<5.0	2.3 J	<0.50	<5.0	<0.50	<2.5	0.37 J	<2.5	<2.5	<2.5	<2.0	<10	<2.5	<2.5	<2.5	-
OW-4	09/22/20	<0.50	<0.50	<2.5	<2.5	1.2	<2.5	<0.50	<5.0	<5.0	<0.50	<5.0	<0.50	<2.5	0.51 J	<2.5	<2.5	<2.5	<2.0	<10	<2.5	<2.5	<2.5	-
OW-6 (MW-3)	12/04/06	210	28,000	3,000	<1	670	-	<1	-	-	<1	<1	-	380	-	<1	-	-	-	-	81	-	<1	<1
OW-6 (MW-3)	09/10/07	170	7,000	4,600	<1	1,200	-	20	-	-	76	<1	-	140	-	<1	-	-	-	-	30	-	15	55
OW-6 (MW-3)	05/05/08	95	5,100	4,600	13	2,800	-	25	-	-	100	11 J	-	100	-	<1	-	-	-	-	<1	-	<1	45
OW-6 (MW-3)	11/12/08	<250	1,500	3,600	<250	1,600	<250	<250	<500	<500	95	<250	<250	51	-	<250	-	-	-	-	43	-	<250	<250
OW-6 (MW-3)	03/26/09	65	4,100	2,400	<120	840	<120	<120	<250	<250	72	<120	<120	69	-	<120	-	-	-	-	49	-	<120	<120
OW-6 (MW-3)	06/30/09	29.8	994	1,220	8.16	1,150	<2	11.5	<10	<10	84.7	5.22	<2	14.1	-	5.26	-	24.2	-	-	<5	20.8	11.5	-
OW-6 (MW-3)	09/30/09	<2	<2	<2	<2	<2	<2	<2	<10	<10	<0.7	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
OW-6 (MW-3)	12/31/09	<50	2,040	1,460	<50	387	<50	<50	<250	<250	74.2	<125	<50	66.6	-	<50	-	<50	-	-	<125	<50	<50	-
OW-6 (MW-3)	03/31/10	27.8	1,730	903	<10	606	<10	12.8	<50	<50	106	<25	<10	27.8	-	<10	-	30.8	-	-	<25	23.5	18.7	-
OW-6 (MW-3)	08/31/10	10.1	859	1,120	<5	156	<5	<5	<25	<25	81.1	<12.5	<5	29.6	-	<5	-	21.4	-	-	<12.5	17.8	11	-
OW-6 (MW-3)	11/18/10	12.7	1,950	1,980	<10	258	<10	<10	<50	<50	84.7	104	<10	46.1	-	<10	-	20.7	-	-	<25	17.7	11.7	-
OW-6 (MW-3)	02/23/11	20	2,030	887	<10	156	<10	<10	<50	<50	57.1	93.1	<10	30.3	-	<10	-	18.8	-	-	<25	15.9	<10	-
OW-6 (MW-3)	05/26/11	<2	46.6	595	3.01	560	<2	<2	<10	<10	90	3.21	<2	8.54	-	4.53	-	19.2	-	-	<5	18.6	13.4	-
OW-6 (MW-3)	08/31/11	<1	238	802	<1	331	-	<1	-	-	87.9	4.83	-	16.1	-	5.13	-	-	-	<1	<1	-	12.7	45
OW-6 (MW-3)	12/15/11	<1	995	1,970	<1	358	-	<1	-	-	75.4	12.3	-	37.1	-	<1	-	-	-	<1	<1	-	11.5	37.2
OW-6 (MW-3)	03/21/12	7.4	1,300	1,800	3.6	300	-	3.9	-	-	73	9.7	-	25	-	4.5	-	-	-	<1	<1	-	9.9	38
OW-6 (MW-3)	06/19/12	17 J	1,700	2,200	<25	360	<25	11 J	<250	<250	100	20 J	<25	40	14 J	<25	<25	-	<25	28	<25	-	13 J	58
OW-6 (MW-3)	09/25/12	<25	500	2,300	<25	500	<25	<25	<250	<250	80	31	<25	24 J	22 J	<25	<25	-	<25	39	<25	-	18 J	25 J
OW-6 (MW-3)	12/19/12	<25	960	3,800	<25	490	<25	<25	<250	<250	72	15 J	<25	52	19 J	<25	<25	-	<25	40	<25	-	<25	50
OW-6 (MW-3)	03/19/13	<50	660	2,900	<50	430	<50	<50	<500	<500	74	<50	<50	28 J	<50	<50	<50	-	<50	47 J	<50	-	<50	<100
OW-6 (MW-3)	09/23/14	<3	28 J	1,600	4.9 J	390	<2	<5.7	<8.2	<13	61	13 J	<4.5	18 J	12 J	4.6 J	3.1 J	17 J	<4.3	25 J	<3.2	15 J	7.3 J	-
OW-6 (MW-3)	09/24/15	<10	48	2,100	<50	700	<50	3 J	40 J	46 J	80	<100	<10	22 J	19 J	<50	<50	23 J	<40	35 J	<50	19 J	<50	-
OW-6 (MW-3)	09/28/16	<0.36	2.2	130	1.4 J	100	<1.4	<0.34	<3.9	<2.9	24	<2	<0.27	2.4 J	17 J	1.8 J	1.9 J	7.2	<0.47	38	<1.4	7.7	2.3 J	-
OW-6 (MW-3)	09/24/18	<0.18	<0.18	7	<0.7	10	<0.7	<0.17	<1.9	<1.5	9.2	<1	<0.13	<0.7	20	<0.7	1.4 J	2 J	<0.23	58	<0.7	2.1 J	<0.7	-
OW-6 (MW-3)	09/24/19	<0.50	2.2	160	1.4 J	170	<2.5	<0.50	<5.0	4.2 J	20	<5.0	<0.50	<2.5	18	<2.5	1.7 J	2.8	<2.0	45	<2.5	2.8	1.3 J	-
			1.6	360	4.1 J	330	<5.0	0.73 J	<10	<10	35	<10	<1.0	<5.0	24	<5.0	1.6 J	3.4 J	<4.0	66	<5.0	3.5 J	2.0 J	-

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<### Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 3
Summary of AOC-1 Groundwater Monitoring Results

Sampling Location	Sampling Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	Acetone	Benzene	Carbon disulfide	Carbon tetrachloride	Chloroform (Trichloromethane)	Cyclohexane	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl acetate	Methyl cyclohexane	Methylene chloride	o-Xylene	Toluene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Regulatory Standard	5	5	5	5	2	5	5	50	50	1	60	5	7		5	5	5				5	5	5
OW-7 (MW-27)	09/06/07	4.6	21	16	1.2	7.8	-	-	<1	<1	65	1.3	-	3.6	-	0.35	-	-	-	-	-	-	<1	5.6
OW-7 (MW-27)	05/09/08	<1	<1	0.26	0.2	0.15	-	-	<1	<1	45	<1	-	<1	-	0.14	-	-	-	-	-	-	39	2.3
OW-7 (MW-27)	11/12/08	<10	2	2.2	<10	<10	<10	<10	<20	23	93	<10	<10	<10	-	<10	-	-	-	-	<10	-	5.1	<10
OW-7 (MW-27)	03/25/09	<50	12	<50	<50	<50	<50	<50	120	270	530	<50	<50	15	-	<50	-	-	-	-	17	-	180	33
OW-7 (MW-27)	06/30/09	<4	9.35	4.26	<4	<4	<4	<4	32	165	304	<10	<4	8.04	-	<4	-	<4	-	-	<10	<4	117	-
OW-7 (MW-27)	09/30/09	<4	10.7	4.9	<4	<4	<4	<4	<20	103	253	<10	<4	5.23	-	<4	-	<4	-	-	<10	<4	92.8	-
OW-7 (MW-27)	12/31/09	<50	<50	<50	<50	<50	<50	<50	<250	<250	221	<125	<50	<50	-	<50	-	<50	-	-	<125	<50	97.5	-
OW-7 (MW-27)	03/31/10	<5	11	5.73	<5	<5	<5	<5	<25	48.6	165	<12.5	<5	<5	-	<5	-	5.9	-	-	<12.5	<5	72.5	-
OW-7 (MW-27)	08/31/10	<4	17.1	9.92	<4	6.09	<4	<4	<20	26.8	197	<10	<4	<4	-	<4	-	4.89	-	-	<10	<4	63.2	-
OW-7 (MW-27)	11/18/10	<2	11.8	6.7	<2	2.02	<2	<2	<10	21.7	171	5.91	<2	<2	-	<2	-	4.05	-	-	<5	<2	48.6	-
OW-7 (MW-27)	02/23/11	<2	7.63	4.14	<2	<2	<2	<2	<10	12.6	111	7.77	<2	<2	-	<2	-	3.9	-	-	<5	<2	39.5	-
OW-7 (MW-27)	05/26/11	<2	6.37	3.78	<2	<2	<2	<2	<10	<10	76.8	2.27	<2	<2	-	<2	-	2.79	-	-	<5	<2	14.4	-
OW-7 (MW-27)	08/31/11	<1	8.69	5.89	<1	<1	-	-	<1	<1	118	<1	-	<1	-	<1	-	-	-	-	-	-	<1	<1
OW-7 (MW-27)	12/15/11	<1	11.3	7.27	<1	<1	-	-	<1	<1	142	<1	-	<1	-	<1	-	-	-	-	-	-	5.13	<1
OW-7 (MW-27)	03/21/12	<1	9.3	5.7	0.95 J	2.4	-	-	<1	4.9	150	3.7	-	0.89 J	44	<1	-	-	-	110	-	-	6.5	3.2
OW-7 (MW-27)	06/19/12	<2	9.7	6.2	<2	<2	<2	<2	<20	<20	140	6.4	<2	5.7	56	<2	<2	-	<2	110	<2	-	4.9	3.7 J
OW-7 (MW-27)	09/25/12	<2	11	8	<2	2.7	<2	<2	<20	7.6 J	160	3.7	<2	<2	71	<2	<2	-	<2	87	<2	-	4.8	3.6 J
OW-7 (MW-27)	12/19/12	<2	12	8.7	<2	4.1	<2	<2	<20	<20	150	3.5	<2	1.2 J	69	<2	<2	-	<2	83	<2	-	4.1	3.6 J
OW-7 (MW-27)	03/19/13	<2	9.6	6.7	<2	<2	<2	<2	<20	23	130	2.9	<2	0.94 J	29	<2	<2	-	<2	93	<2	-	3.8	3.7 J
OW-7 (MW-27)	09/23/14	<0.3	7.2	5.4	0.81 J	1.4 J	<0.2	<0.57	<0.81	<1.3	100	1.8 J	<0.45	0.43 J	11	0.38 J	<0.2	0.96 J	<0.43	41	<0.32	0.21 J	0.89 J	-
OW-7 (MW-27)	09/24/15	<0.5	7.5	5.5	0.72 J	3.5	<2.5	<0.5	<5	<5	110	<5	<0.5	<2.5	10	<2.5	<2.5	0.74 J	<2	27	<2.5	<2.5	0.82 J	-
OW-7 (MW-27)	09/28/16	<0.36	6.2	3.9 J	<1.4	1.9 J	<1.4	<0.34	<3.9	<2.9	81	<2	<0.27	<1.4	4.8 J	<1.4	<1.4	<1.4	<0.47	14 J	<1.4	<1.4	<1.4	-
OW-7 (MW-27)	09/26/17	<0.18	4.1	2.9	<0.7	1.7	<0.7	<0.17	<1.9	<1.5	67	<1	<0.13	<0.7	2.6 J	<0.7	<0.7	<0.7	<0.23	3.5 J	<0.7	<0.7	<0.7	-
OW-7 (MW-27)	09/24/18	<0.18	<0.18	2.8	0.7 J	0.95 J	<0.7	<0.17	<1.9	<1.5	50	<1	<0.13	<0.7	1.6 J	<0.7	<0.7	<0.7	<0.23	6.7 J	<0.7	<0.7	<0.7	-
OW-7 (MW-27)	09/24/19	<0.50	2.4	2.0 J	<2.5	0.76 J	<2.5	<0.50	<5.0	5.8	55	<5.0	<0.50	<2.5	1.1 J	<2.5	<2.5	<2.5	<2.0	4.2 J	<2.5	<2.5	<2.5	-
OW-7 (MW-27)	09/22/20	<0.50	2.9	2.0 J	0.94 J	1.3	<2.5	<0.50	<5.0	<5.0	67	<5.0	<0.50	<2.5	1.2 J	<2.5	<2.5	<2.5	<2.0	4.5 J	<2.5	<2.5	<2.5	-
PTOW1-1	05/02/08	-	2.1	-	-	0.29 J	-	-	<1	5 J	16	2.2	-	0.19 J	-	-	-	-	-	-	-	-	13	2.3
PTOW1-1	07/02/08	-	<1	-	-	<1	-	-	21	<1	30	<1	-	2.2	-	-	-	-	-	-	-	-	2.5	3.3
PTOW1-1	11/13/08	-	1.2	-	-	0.51	-	-	<1	3.4	45	48	-	<1	-	-	-	-	-	-	-	-	1.2	8.9
PTOW1-1	03/25/09	<5	<5	<5	<5	<5	<5	<5	22	<10	18	4.1	<5	<5	-	<5	-	-	-	-	<5	-	2.2	4
PTOW1-1	06/30/09	<2	<2	<2	<2	<2	<2	<2	<10	<10	3.35	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
PTOW1-1	09/30/09	<2	<2	<2	<2	<2	<2	<2	<10	<10	17.8	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
PTOW1-1	12/31/09	<2	<2	<2	<2	<2	<2	<2	<10	<10	6.87	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
PTOW1-1	03/30/10	<2	<2	<2	<2	<2	<2	<2	<10	<10	13.3	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
PTOW1-1	08/30/10	<2	<2	<2	<2	<2	<2	<2	<10	<10	22.6	<5	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
PTOW1-1	11/17/10	<2	<2	<2	<2	<2	<2	<2	<10	<10	2.34	<2	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
PTOW1-1	02/22/11	<2	<2	<2	<2	<2	<2	<2	<10	<10	12.2	<2	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
PTOW1-1	05/25/11	<2	<2	<2	<2	<2	<2	<2	<10	<10	12.5	<2	<2	<2	-	<2	-	<2	-	-	<5	<2	<2	-
PTOW1-1	08/30/11	-	<1	-	-	<1	-	-	<1	<1	21.5	<1	-	<1	<1	-	-	-	-	<1	-	-	<1	<1
PTOW1-1	12/14/11	-	<1	-	-	<1	-	-	<1	<1	26.8	<1	-	<1	<1	-	-	-	-	<1	-	-	<1	<1
PTOW1-1	03/22/12	-	<1	-	-	<1	-	-	<1	<1	16	<1	-	<1	<1	-	-	-	-	13	-	-	<1	<1
PTOW1-1	06/19/12	<1	<1	<1	<1	<1	<1	<1	<10	<10	29	0.99 J	<1	<1	12	<1	<1	-	<1	23	<1	-	0.57 J	1.6 J
PTOW1-1	09/25/12	<1	<1	<1	<1	<1	<1	<1	<10	3.1 J	32	0.9 J	<1	<1	25	<1	<1	-	<1	32	<1	-	0.53 J	0.67 J
PTOW1-1	12/19/12	<1	<1	<1	<1	<1	<1	<1	<10	<10	19	2.3	<1	<1	20	<1	<1	-	5.9	34	<1	-	0.52 J	0.83 J
PTOW1-1	03/19/13	<1	<1	<1	<1	<1	<1	<1	<10	<10	26	1.4	<1	<1	8.1	<1	<1	-	<1	20	<1	-	<1	<2
PTOW1-1	09/23/14	<0.3	0.27 J	0.73 J	<0.33	0.42 J	<0.2	<0.57	<0.81	2.2 J	50	0.88 J	<0.45	<0.25	13	<0.2	0.89 J	0.84 J	<0.43	29	<0.32	0.83 J	0.79 J	-
PTOW1-1	09/24/15	<0.5	0.39 J	0.73 J	<2.5	<1	<2.5	<0.5	<5	<5	74	1.7 J	<0.5	<2.5	19	<2.5	1.3 J	1.2 J	<2	40	<2.5	1.4 J	1.2 J	-
PTOW1-1	09/28/16	<0.36	<0.35	<1.4	<1.4	0.26 J	<1.4	<0.34	<3.9	<2.9	25	<2	<0.27	<1.4	7.2 J	<1.4	<1.4	<1.4	<0.47	19 J	<1.4	<1.4	<1.4	-
PTOW1-1	09/26/17	<0.18	0.34 J	<0.7	<0.7	0.35 J	<0.7	<0.17	<1.9	<1.5	20	<1	<0.13	<0.7	17	<0.7	<0.7	<0.7	<0.23	36	<0.7	<0.7	<0.7	-
PTOW1-1	09/24/18	<0.18	<0.18	<0.7	<0.7	0.21 J	<0.7	<0.17	<1.9	<1.5	4.7	<1	<0.13	<0.7	3.6 J	<0.7	<0.7	<0.7	<0.23	7.9 J	<0.7	<0.7	<0.7	-
		)	0.74	<2.5	<2.5	0.30 J	<2.5	<0.50	<5.0	6.4	16	<5.0	<0.50	<2.5	4.6 J	<2.5	<2.5	<2.5	<2.0	9.3 J	<2.5	<2.5	<2.5	-
		)	1.2	<2.5	<2.5	0.64 J	<2.5	<0.50	<5.0	2.0 J	20	<5.0	<0.50	<2.5	5.5 J	<2.5	<2.5	<2.5	<2.0	11	<2.5	<2.5	<2.5	-

Notes:
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<### Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 3
Summary of AOC-1 Groundwater Monitoring Results

Garlock Sealing Technologies
Site No. 3 BCP Site
BCP Site #C859028

AOC-1			
Sampling Location	Sampling Date	Chemical oxygen demand (COD)	Total organic carbon (TOC)
		mg/L	mg/L
	Regulatory Standard		
OW-2	11/12/08	17	<0.001
OW-2	03/25/09	82.3	6
OW-2	06/29/09	30	10.7
OW-2	09/30/09	34	12.5
OW-2	12/31/09	18	5.7
OW-2	03/31/10	34	8.2
OW-2	08/31/10	22	9.6
OW-2	11/18/10	31.4	4.64
OW-2	05/26/11	13	5.6
OW-2	08/31/11	61.4	10.8
OW-2	12/15/11	<5	4.5
OW-2	03/21/12	<5	3.6
OW-2	06/19/12	23.5	6
OW-2	09/25/12	33.1	7.4
OW-2	12/19/12	20.7	4.5
OW-2	03/19/13	141	4.4
OW-2	09/23/14	19.4	6.4
OW-2	09/24/15	32	3.3
OW-2	09/28/16	170	4.15
OW-2	09/26/17	130	2.2
OW-2	09/24/18	130	2.89
OW-2	09/24/19	620	6.50
OW-2	09/22/20	540	5.0
OW-3	11/12/08	28.4	4.5
OW-3	03/25/09	60.9	8.4
OW-3	06/29/09	13	6.4
OW-3	09/30/09	26	20.5
OW-3	12/30/09	38	6.9
OW-3	03/31/10	59	21
OW-3	08/31/10	9	4.1
OW-3	11/18/10	44	4.64
OW-3	02/23/11	22	5.9
OW-3	05/25/11	18	5.3
OW-3	08/30/11	<10	<10
OW-3	12/14/11	9	2.6
OW-3	03/21/12	15.3	2.7
OW-3	06/19/12	14.5	2.5
OW-3	09/25/12	16.4	2.6
OW-3	12/19/12	15.2	1.7
OW-3	03/19/13	18.6	2
OW-3	09/23/14	7.5	2.1
OW-3	09/24/15	92	1.8 J
OW-3	09/28/16	25	1.96
OW-3	09/26/17	22	1.12
OW-3	09/24/18	13	1.13
OW-3	09/24/19	6.2 J	1.09 J
OW-3	09/22/20	5.2 J	1.2

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<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
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Table 3
Summary of AOC-1 Groundwater Monitoring Results

Sampling Location	Sampling Date	Chemical oxygen demand (COD)	Total organic carbon (TOC)
		mg/L	mg/L
	Regulatory Standard		
OW-4	11/12/08	30.3	0.36
OW-4	03/25/09	62	6.3
OW-4	06/29/09	30	9.9
OW-4	09/29/09	42	11.3
OW-4	12/28/09	26	6.5
OW-4	03/31/10	22	5
OW-4	08/30/10	18	6
OW-4	11/17/10	25.4	6.14
OW-4	02/22/11	22	6.4
OW-4	05/25/11	22	3.8
OW-4	08/30/11	51.9	<20
OW-4	12/14/11	18	4.9
OW-4	03/22/12	28.1	3.7
OW-4	06/19/12	29.6	4.9
OW-4	09/25/12	22.1	4.2
OW-4	12/19/12	25.2	2.6
OW-4	03/19/13	55	3.6
OW-4	09/23/14	17.1	3.9
OW-4	09/24/15	76	3.9
OW-4	09/28/16	20	1.97
OW-4	09/26/17	57	2.15
OW-4	09/24/18	22	2.69
OW-4	09/24/19	37	3.05
OW-4	09/22/20	38	2.5
OW-6 (MW-3)	12/04/06	-	-
OW-6 (MW-3)	09/10/07	-	-
OW-6 (MW-3)	05/05/08	-	-
OW-6 (MW-3)	11/12/08	143	8.5
OW-6 (MW-3)	03/26/09	139	15.1
OW-6 (MW-3)	06/30/09	83	17.4
OW-6 (MW-3)	09/30/09	30	1.1
OW-6 (MW-3)	12/31/09	171	19.4
OW-6 (MW-3)	03/31/10	103	17.2
OW-6 (MW-3)	08/31/10	91	17.1
OW-6 (MW-3)	11/18/10	163	13.1
OW-6 (MW-3)	02/23/11	113	11.8
OW-6 (MW-3)	05/26/11	38	13.9
OW-6 (MW-3)	08/31/11	77.5	<20
OW-6 (MW-3)	12/15/11	159	12.7
OW-6 (MW-3)	03/21/12	86.2	9.7
OW-6 (MW-3)	06/19/12	110	11.8
OW-6 (MW-3)	09/25/12	104	12
OW-6 (MW-3)	12/19/12	125	9.2
OW-6 (MW-3)	03/19/13	149	9.9
OW-6 (MW-3)	09/23/14	131	11.1
OW-6 (MW-3)	09/24/15	180	11
OW-6 (MW-3)	09/28/16	98	9.71
OW-6 (MW-3)	09/26/17	-	0
OW-6 (MW-3)	09/24/18	66	7.78
OW-6 (MW-3)	09/24/19	79	8.46
OW-6 (MW-3)	09/22/20	130	4.0

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J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
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Table 3
Summary of AOC-1 Groundwater Monitoring Results

Sampling Location	Sampling Date	Chemical oxygen demand (COD) mg/L	Total organic carbon (TOC) mg/L
	Regulatory Standard		
OW-7 (MW-27)	09/06/07	-	-
OW-7 (MW-27)	05/09/08	15.3	<1
OW-7 (MW-27)	11/12/08	81.4	12.9
OW-7 (MW-27)	03/25/09	515	346
OW-7 (MW-27)	06/30/09	541	232
OW-7 (MW-27)	09/30/09	576	190
OW-7 (MW-27)	12/31/09	576	156
OW-7 (MW-27)	03/31/10	325	78.2
OW-7 (MW-27)	08/31/10	284	75.4
OW-7 (MW-27)	11/18/10	238	42.6
OW-7 (MW-27)	02/23/11	183	24.8
OW-7 (MW-27)	05/26/11	45	5.9
OW-7 (MW-27)	08/31/11	123	10.1
OW-7 (MW-27)	12/15/11	55	7.3
OW-7 (MW-27)	03/21/12	48	4.4
OW-7 (MW-27)	06/19/12	48.2	7.8
OW-7 (MW-27)	09/25/12	37.9	6.1
OW-7 (MW-27)	12/19/12	37	6.4
OW-7 (MW-27)	03/19/13	103	12.5
OW-7 (MW-27)	09/23/14	27.4	2.5
OW-7 (MW-27)	09/24/15	240	2.9
OW-7 (MW-27)	09/28/16	49	1.28
OW-7 (MW-27)	09/26/17	88	1.73
OW-7 (MW-27)	09/24/18	54	2.33
OW-7 (MW-27)	09/24/19	62	2.60
OW-7 (MW-27)	09/22/20	82	3.9
PTOW1-1	05/02/08	-	-
PTOW1-1	07/02/08	-	-
PTOW1-1	11/13/08	1,430	6
PTOW1-1	03/25/09	534	11.2
PTOW1-1	06/30/09	30	12.9
PTOW1-1	09/30/09	30	13.2
PTOW1-1	12/31/09	13	4.9
PTOW1-1	03/30/10	22	7.7
PTOW1-1	08/30/10	34	12.3
PTOW1-1	11/17/10	59.6	5.75
PTOW1-1	02/22/11	102	7.5
PTOW1-1	05/25/11	26	9.9
PTOW1-1	08/30/11	47.1	17.3
PTOW1-1	12/14/11	34	8.6
PTOW1-1	03/22/12	24.6	6.7
PTOW1-1	06/19/12	42.1	15.7
PTOW1-1	09/25/12	39.4	8.1
PTOW1-1	12/19/12	66.2	7.6
PTOW1-1	03/19/13	85.3	8.8
PTOW1-1	09/23/14	29	8.9
PTOW1-1	09/24/15	660	8.9
PTOW1-1	09/28/16	260	4.39
PTOW1-1	09/26/17	710	3.98
PTOW1-1	09/24/18	440	3.39
PTOW1-1	09/24/19	760	6.82
PTOW1-1	09/22/20	310	4.0

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J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
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Table 4
Summary of AOC-2 Groundwater Monitoring Results

AOC-2																				
Sampling Location	Sampling Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	1,4-Dioxane	2-Butanone (Methyl ethyl ketone) (MEK)	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	Acetone	Benzene	Bromoform	Carbon disulfide	Chloroethane	Chloroform (Trichloromethane)	Methylene chloride	Toluene	Xylenes (total)
	Regulatory Standard	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
OW-1	11/10/10	-	<1	8.26	-	5.19	<1	-	-	<1	-	10.7	-	-	<1	-	-	-	-	-
OW-1	06/17/11	<0.5	3.1	17	<0.5	9.6	0.29	<0.5	-	<2	<2	<2	<0.5	<0.5	<0.5	<1	<0.5	<2	<0.5	<1
OW-1	10/04/11	<1	1.9	6.8	<1	<1	<1	<1	-	<10	5.3	150	<1	<1	0.51	<1	<1	<1	<1	<2
OW-1	03/22/12	-	<1	<1	-	<1	<1	-	-	<1	-	<1	-	-	<1	-	-	-	-	-
OW-1	06/21/12	<100	<100	<100	<100	<100	<100	<100	-	<1,000	<500	<1,000	<100	<100	<100	<100	<100	<100	<100	<200
OW-1	09/27/12	<4	<4	<4	<4	<4	<4	<4	-	<40	<20	35 J	<4	<4	<4	<4	<4	<4	<4	<8
OW-1	12/20/12	<4	<4	<4	<4	<4	<4	<4	-	<40	<20	23 J	<4	<4	2.7 J	<4	<4	<4	<4	<8
OW-1	03/20/13	<1	<1	5.8	<1	0.97 J	0.73 J	<1	-	<10	<5	5 J	<1	<1	<1	<1	<1	<1	<1	<2
OW-1	06/18/13	<1	<1	6.7	<1	1.3	0.39 J	<1	-	<10	<5	<10	<1	<1	<1	<1	<1	<1	<1	<2
OW-1	09/18/13	<1	<1	6.5	<1	1.1	<1	<1	-	<10	<5	<10	<1	<1	<1	<1	<1	<1	<1	<2
OW-1	12/17/13	<1	<1	14	<1	3.6	<1	<1	-	<10	<5	<10	<1	<1	<1	<1	<1	<1	<1	<2
OW-1	03/25/14	<1	1.1	12	<1	3.3	<1	<1	-	<10	<5	<10	<1	<1	<1	<1	<1	<1	<1	<2
OW-1	06/25/14	<1	1.1	11	<1	3.6	<1	<1	-	<10	<5	<10	<1	<1	11	<1	<1	<1	<1	<2
OW-1	09/22/14	<0.3	2.1 J	24	0.41 J	6.7	0.51 J	<0.57	-	<0.81	<0.67	<1.3	<0.2	<0.42	<0.22	<0.24	<0.25	<0.32	<0.2	-
OW-1	12/04/14	<0.3	1.6	23	<0.33	9.6	0.51 J	<0.57	-	<0.81	<0.67	<1.3	<0.2	<0.42	<0.22	<0.24	<0.25	<0.6	<0.2	-
OW-1	03/23/15	<0.3	1.6	24	0.38 J	12	2.7	<0.57	-	<0.81	<0.67	2.6 J	<0.2	<0.42	0.23 J	<0.24	<0.25	<0.6	<0.2	-
OW-1	06/29/15	<0.3	2.2	77	1.6	55	18	<0.57	-	<0.81	<0.67	2.5 J	<0.2	<0.42	<0.22	<0.24	<0.25	<0.6	<0.2	-
OW-1	09/24/15	<0.5	1.1	17	<2.5	12	<2.5	<0.5	<250	<5	<5	<5	0.25 J	<2	<5	<2.5	<2.5	<2.5	<2.5	-
OW-1	12/21/15	<0.5	0.56	14	<2.5	13	<2.5	<0.5	<250	<5	<5	<5	<0.5	<2	<5	<2.5	<2.5	<2.5	<2.5	-
OW-1	03/24/16	<0.5	0.74	11	<2.5	9.2	<2.5	<0.5	<250	<5	<5	<5	<0.5	<2	<5	<2.5	<2.5	<2.5	<2.5	-
OW-1	06/22/16	<0.18	0.31 J	8.7	<0.7	10	<0.7	<0.14	<41	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-1	09/28/16	<0.18	<0.18	7.3	<0.7	16	<0.7	<0.17	<61	<1.9	<1	<1.5	0.19 J	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-1	12/22/16	<0.18	0.19 J	4.9	<0.7	8.7	<0.7	<0.17	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-1	03/21/17	<0.18	0.34 J	3.9	<0.7	6.6	<0.7	<0.17	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-1	06/28/17	<0.18	0.57	4.8	<0.7	8.4	<0.7	<0.17	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-1	09/26/17	<0.18	<0.18	3.2	<0.7	12	<0.7	<0.17	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-1	12/19/17	<0.18	0.19 J	2.5	<0.7	5.6	<0.7	<0.17	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-1	04/03/18	<0.18	0.2 J	2 J	<0.7	3.1	<0.7	<0.17	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-1	06/15/18	<0.18	0.37 J	4.2	<0.7	4.3	<0.7	<0.17	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-1	09/24/18	<0.18	<0.18	2.2 J	<0.7	4.5	<0.7	<0.17	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-1	12/19/18	<0.50	0.24 J	2.3 J	<2.5	4.6	<2.5	<0.50	<250	<5.0	<5.0	1.5 J	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-1	03/27/19	<0.50	0.25 J	1.1 J	<2.5	2.0	<2.5	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-1	06/27/19	<0.50	0.52	2.3 J	<2.5	4.6	<2.5	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-1	09/24/19	<0.50	0.22 J	2.3 J	<2.5	5.1	<2.5	<0.50	<250	<5.0	<5.0	4.8 J	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-1	12/19/19	<0.50	<0.50	1.1 J	<2.5	2.0	<2.5	<0.50	<250	<5.0	<5.0	3.7 J	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-1	03/24/20	<0.50	0.36 J	1.2 J	<2.5	1.8	<2.5	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-1	06/23/20	<0.50	0.45 J	2.5	<2.5	3.4	<2.5	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-1	09/22/20	<0.50	0.25 J	2.8	<2.5	12	<2.5	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-1	12/15/20	<0.50	0.19 J	3.5	<2.5	10	<2.5	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-1	03/30/21	<0.50	<0.50	2.0 J	<2.5	6.2	<2.5	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<### Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 4
Summary of AOC-2 Groundwater Monitoring Results

Sampling Location	Sampling Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	1,4-Dioxane	2-Butanone (Methyl ethyl ketone) (MEK)	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	Acetone	Benzene	Bromoform	Carbon disulfide	Chloroethane	Chloroform (Trichloromethane)	Methylene chloride	Toluene	Xylenes (total)
	Regulatory Standard	5	5	5	5	2	5	5		50		50	1	60	60	5	7		5	5
OW-2 (MW-41)	05/16/08	-	2,200	5,300	22	170	420	<1	-	-	-	<1	-	-	<1	-	-	-	-	26
OW-2 (MW-41)	11/10/10	-	1,130	2,390	26.4	177	167	38.3	-	-	-	<1	-	-	<1	-	-	-	-	<1
OW-2 (MW-41)	06/17/11	<50	1,100	4,300	<50	140	290	55	-	<200	<200	150	<50	<50	<50	<100	<50	<200	<50	<100
OW-2 (MW-41)	10/04/11	<80	260	5,700	<80	910	340	40	-	<800	<400	<800	<80	<80	<80	<80	<80	<80	<80	<160
OW-2 (MW-41)	10/27/11	<100	270	6,200	<100	620	360	<100	-	<1,000	<500	<1,000	<100	<100	<100	<100	<100	<100	<100	<200
OW-2 (MW-41)	03/22/12	-	230	9,000	23	880	470	64	-	-	-	49	-	-	0.44 J	-	-	-	-	<1
OW-2 (MW-41)	06/21/12	<1	200	6,100	18	790	380	44	-	<10	<5	19	<1	<1	2.3	<1	<1	<1	<1	<2
OW-2 (MW-41)	09/27/12	<5	100	4,000	13	900	290	34	-	<50	<25	<50	<5	<5	<5	<5	<5	<5	<5	<10
OW-2 (MW-41)	12/20/12	<80	130	5,000	<80	1,700	370	35 J	-	<800	<400	<800	<80	<80	<80	<80	<80	<80	<80	<160
OW-2 (MW-41)	03/20/13	<80	210	6,100	<80	1,100	370	53 J	-	<800	<400	<800	<80	<80	<80	<80	<80	<80	<80	<160
OW-2 (MW-41)	06/18/13	<80	100	4,900	<80	1,500	350	27 J	-	<800	<400	<800	<80	<80	<80	<80	<80	<80	<80	<160
OW-2 (MW-41)	09/18/13	<80	89	3,900	<80	990	240	<80	-	<800	<400	<800	<80	<80	<80	<80	<80	<80	<80	<160
OW-2 (MW-41)	12/17/13	<80	79 J	3,800	<80	1,300	250	<80	-	<800	<400	<800	<80	<80	<80	<80	<80	<80	<80	<160
OW-2 (MW-41)	03/25/14	<80	95	4,500	<80	1,500	280	<80	-	<800	<400	<800	<80	<80	<80	<80	<80	<80	<80	<160
OW-2 (MW-41)	06/25/14	<80	92	3,900	<80	1,300	250	23 J	-	<800	<400	<800	<80	<80	<80	<80	<80	<80	<80	<160
OW-2 (MW-41)	09/23/14	<7.5	39 J	2,700	18 J	1,000	190	25 J	-	<21	<17	<31	<5	<11	<5.5	<6	<6.3	<8	<5	-
OW-2 (MW-41)	12/04/14	<7.5	31	2,700	18 J	1,200	180	23 J	-	<21	<17	<31	<5	<11	<5.5	<6	<6.3	<15	<5	-
OW-2 (MW-41)	03/23/15	<1.5	6.6	640	4.2 J	300	86	4.3 J	-	<4.1	<3.4	<6.2	<1	<2.1	<1.1	<1.2	<1.3	<3	<1	-
OW-2 (MW-41)	06/29/15	<1.5	9.5	600	5.3	140	65	4 J	-	<4.1	<3.4	<6.2	<1	<2.1	<1.1	<1.2	1.3 J	<3	<1	-
OW-2 (MW-41)	09/24/15	<20	20	2,700	<100	1,500	190	18 J	<10,000	<200	<200	<200	<20	<80	<200	<100	<100	<100	<100	-
OW-2 (MW-41)	12/21/15	<20	34	2,800	<100	1,400	170	19 J	<10,000	<200	<200	<200	<20	<80	<200	<100	<100	<100	<100	-
OW-2 (MW-41)	03/24/16	<12	41	3,000	21 J	1,700	260	20	<6,200	<120	<120	<120	<12	<50	<120	<62	<62	<62	<62	-
OW-2 (MW-41)	06/22/16	<9	24 J	2,700	<35	1,500	200	15 J	<2,000	<97	<50	<73	<8	<32	<50	<35	<35	<35	<35	-
OW-2 (MW-41)	09/28/16	<9	16 J	2,300	<35	1,400	180	16 J	<3,000	<97	<50	<73	<8	<32	<50	<35	<35	<35	<35	-
OW-2 (MW-41)	12/22/16	<7.2	13 J	2,000	<28	1,900	180	13 J	<2,400	<78	<40	<58	<6.4	<26	<40	<28	<28	<28	<28	-
OW-2 (MW-41)	03/21/17	<4.5	9.4 J	1,500	<18	760	130	9.8 J	<1,500	<48	<25	<36	<4	<16	<25	<18	<18	<18	<18	-
OW-2 (MW-41)	06/28/17	<3.6	18	2,200	18 J	1,200	170	14	<1,200	<39	<20	<29	<3.2	<13	100	<14	<14	<14	<14	-
OW-2 (MW-41)	09/26/17	<1.8	12	1,900	26	1,600	180	15	<610	<19	<10	<15	<1.6	<6.5	<10	<7	<7	<7	<7	-
OW-2 (MW-41)	12/19/17	<3.6	13	2,200	18 J	1,500	170	12	<1,200	<39	<20	<29	<3.2	<13	<20	<14	<14	<14	<14	-
OW-2 (MW-41)	04/03/18	<0.9	10	590	<3.5	150	77	5.2	<300	<9.7	<5	<7.3	<0.8	<3.2	<5	<3.5	<3.5	<3.5	<3.5	-
OW-2 (MW-41)	06/15/18	<4.5	8.2 J	2,200	35 J	740	140	15	<1,500	<48	<25	<36	<4	<16	<25	<18	<18	<18	<18	-
OW-2 (MW-41)	09/24/18	<3.6	9.3 J	2,100	20 J	1,300	180	14	<1,200	<39	<20	<29	<3.2	<13	<20	<14	<14	<14	<14	-
OW-2 (MW-41)	12/19/18	<5.0	8.5	1,700	20 J	1,500	160	11	<2,500	<50	<50	<50	<5.0	<20	<50	<25	<25	<25	<25	-
OW-2 (MW-41)	03/27/19	<10	4.9 J	2,100	19 J	1,400	170	12	<5,000	<100	<100	<100	<10	<40	<100	<50	<50	<50	<50	-
OW-2 (MW-41)	06/27/19	<5.0	5.2	2,200	26	1,400	180	16	<2,500	<50	<50	<50	<5.0	<20	<50	<25	<25	<25	<25	-
OW-2 (MW-41)	09/24/19	<10	5.2 J	1,900	26 J	1,200	170	11	<5,000	<100	<100	<100	<10	<40	<100	<50	<50	<50	<50	-
OW-2 (MW-41)	12/19/19	<2.5	8.3	630	<12	100	77	6.4	<1,200	<25	<25	12 J	<2.5	<10	<25	<12	<12	<12	<12	-
OW-2 (MW-41)	03/24/20	<2.0	4.3	630	4.7 J	240	72	4.6	<1,000	<20	<20	<20	<2.0	<8.0	<20	<10	<10	<10	<10	-
OW-2 (MW-41)	06/23/20	<5.0	7.0	1,800	20 J	1,000	160	13	<2,500	<50	<50	<50	<5.0	<20	<50	<25	<25	<25	<25	-
OW-2 (MW-41)	09/22/20	<5.0	4.1 J	1,800	24 J	1,700	170	21	<2,500	<50	<50	<50	<5.0	<20	<50	<25	<25	<25	<25	-
OW-2 (MW-41)	12/15/20	<5.0	4.9 J	1,700	20 J	1,400	180	10	<2,500	<50	<50	<50	<5.0	<20	<50	<25	<25	<25	<25	-
OW-2 (MW-41)	03/30/21	<5.0	13	980	<25	340	110	6.0	<2,500	<50	<50	<50	<5.0	<20	<50	<25	<25	<25	<25	-

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<### Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 4
Summary of AOC-2 Groundwater Monitoring Results

Sampling Location	Sampling Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	1,4-Dioxane	2-Butanone (Methyl ethyl ketone) (MEK)	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	Acetone	Benzene	Bromoform	Carbon disulfide	Chloroethane	Chloroform (Trichloromethane)	Methylene chloride	Toluene	Xylenes (total)
	Regulatory Standard	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		5	5	5	5	2	5	5		50		50	1	60	60	5	7		5	5
OW-3 (AOC-2)	11/10/10	-	7,720	38,800	202	433	2,770	716	-	<1	-	15	<1	-	3.43	-	<1	<1	2.6	-
OW-3 (AOC-2)	06/17/11	<250	6,100	38,000	120	330	2,600	230	-	<1,000	<1,000	<1,000	<250	<250	<250	<500	83	960	<250	<500
OW-3 (AOC-2)	10/04/11	<500	2,800	26,000	<500	3,300	2,000	<500	-	<5,000	<2,500	1,700	<500	<500	<500	<500	<500	<500	<500	<1,000
OW-3 (AOC-2)	10/27/11	<400	2,900	28,000	<400	5,500	2,200	260	-	<4,000	<2,000	2,400	<400	<400	<400	<400	<400	<400	<400	<800
OW-3 (AOC-2)	03/22/12	-	2,100	20,000	130	3,700	1,600	150	-	64	-	1,400 J	0.46 J	-	6.2	-	<1	<1	1.4	-
OW-3 (AOC-2)	06/21/12	<200	1,900	12,000	<200	5,800	1,800	130 J	-	<2,000	<1,000	1,500 J	<200	<200	<200	<200	<200	<200	<200	<400
OW-3 (AOC-2)	09/27/12	<20	800	9,200	83	5,400	1,600	64	-	55 J	<100	660	<20	<20	5.4 J	<20	<20	<20	<20	<40
OW-3 (AOC-2)	12/20/12	<130	710	8,100	<130	5,400	1,600	74 J	-	<1,300	<630	660 J	<130	<130	33 J	<130	<130	<130	<130	<250
OW-3 (AOC-2)	03/20/13	<130	880	10,000	<130	5,900	1,400	120 J	-	<1,300	<630	490 J	<130	<130	<130	<130	<130	<130	<130	<250
OW-3 (AOC-2)	06/18/13	<200	790	10,000	<200	7,700	1,600	110 J	-	<2,000	<1,000	<2,000	<200	<200	<200	<200	<200	<200	<200	<400
OW-3 (AOC-2)	09/18/13	<100	380	6,200	<100	3,600	1,300	<100	-	<1,000	<500	<1,000	<100	<100	<100	<100	<100	<100	<100	<200
OW-3 (AOC-2)	12/17/13	<100	320	5,300	<100	4,000	1,100	46 J	-	<1,000	<500	<1,000	<100	<100	<100	<100	<100	<100	<100	<200
OW-3 (AOC-2)	03/25/14	<100	560	9,100	<100	5,600	1,200	<100	-	<1,000	<500	<1,000	<100	<100	<100	<100	<100	<100	<100	<200
OW-3 (AOC-2)	06/25/14	<100	360	6,800	<100	4,000	1,100	<100	-	<1,000	<500	<1,000	<100	<100	<100	<100	<100	<100	<100	<200
OW-3 (AOC-2)	09/23/14	<7.5	160	3,200	66 J	2,400	870	43 J	-	<21	<17	54 J	<5	<11	22 J	<6	<6.3	<8	<5	-
OW-3 (AOC-2)	12/04/14	<7.5	140	3,100	84	2,700	940	41	-	<21	<17	80 J	<5	<11	46	<6	<6.3	<15	<5	-
OW-3 (AOC-2)	03/23/15	<7.5	250	5,700 J	92	5,200 J	1,200	77	-	<21	<17	88 J	<5	<11	<5.5	<6	<6.3	<15	<5	-
OW-3 (AOC-2)	06/29/15	<15	230	6,100	78	4,400	890	87	-	<41	<34	<62	<10	<21	<11	<12	18 J	<30	<10	-
OW-3 (AOC-2)	09/24/15	<25	110	4,300	75 J	2,600	1,000	9.6 J	2,800 J	<250	<250	160 J	<25	<100	<250	<120	<120	<120	<120	-
OW-3 (AOC-2)	12/21/15	<25	66	2,800	58 J	2,100	810	<25	<12,000	<250	<250	<250	<25	<100	<250	<120	<120	<120	<120	-
OW-3 (AOC-2)	03/24/16	<20	120	4,500	75 J	5,100	1,100	40	<10,000	<200	<200	<200	<20	<80	<200	<100	<100	<100	<100	-
OW-3 (AOC-2)	06/22/16	<9	69	3,300	60 J	3,600	880	8.4 J	<2,000	<97	<50	<73	<8	<32	<50	<35	<35	<35	<35	-
OW-3 (AOC-2)	09/28/16	<7.2	31	1,200	72 J	1,400	830	8 J	<2,400	<78	<40	<58	<6.4	<26	<40	<28	<28	<28	<28	-
OW-3 (AOC-2)	12/22/16	<18	72	4,300	77 J	6,200	930	33 J	<6,100	<190	<100	<150	<16	<65	<100	<70	<70	<70	<70	-
OW-3 (AOC-2)	03/21/17	<9	39	4,500	54 J	7,100	730	27	<3,000	<97	<50	<73	<8	<32	<50	<35	<35	<35	<35	-
OW-3 (AOC-2)	06/28/17	<7.2	24	2,600	40 J	4,400	550	13 J	<2,400	<78	<40	<58	<6.4	<26	<40	<28	<28	<28	<28	-
OW-3 (AOC-2)	09/26/17	<1.8	10	1,700	50	3,400	700	10	<610	<19	<10	<15	<1.6	<6.5	<10	<7	<7	<7	<7	-
OW-3 (AOC-2)	12/19/17	<7.2	8.2 J	2,000	34 J	5,200	520	<6.8	<2,400	<78	<40	<58	<6.4	<26	<40	<28	<28	<28	<28	-
OW-3 (AOC-2)	04/03/18	<4.5	22	2,800	39 J	6,500	580	18	<1,500	<48	<25	<36	<4	<16	<25	<18	<18	<18	<18	-
OW-3 (AOC-2)	06/15/18	<4.5	7.5 J	2,000	42 J	3,100	380	7.2 J	<1,500	<48	<25	<36	<4	<16	<25	<18	<18	<18	<18	-
OW-3 (AOC-2)	09/24/18	<1.8	12	3,000	54	4,600	690	13	<610	<19	<10	<15	<1.6	<6.5	<10	<7	<7	<7	<7	-
OW-3 (AOC-2)	12/19/18	<10	8.5 J	2,500	46 J	5,900	610	10	<5,000	<100	<100	<100	<10	<40	<100	<50	<50	<50	<50	-
OW-3 (AOC-2)	03/27/19	<10	11	2,700	34 J	4,200	500	13	<5,000	<100	<100	<100	<10	<40	<100	<50	<50	<50	<50	-
OW-3 (AOC-2)	06/27/19	<5.0	6.8	1,900	35	4,700	470	8.8	<2,500	<50	<50	<50	<5.0	<20	<50	<25	<25	<25	<25	-
OW-3 (AOC-2)	09/24/19	<12	5.5 J	2,800	45 J	5,400	640	10 J	<6,200	<120	<120	<120	<12	<50	<120	<62	<62	<62	<62	-
OW-3 (AOC-2)	12/19/19	<12	12	2,600	45 J	5,400	560	14	<6,200	<120	<120	<120	<12	<50	<120	<62	<62	<62	<62	-
OW-3 (AOC-2)	03/24/20	<12	12	2,100	32 J	4,300	410	14	<6,200	<120	<120	<120	<12	<50	<120	<62	<62	<62	<62	-
OW-3 (AOC-2)	06/23/20	<10	<10	1,900	29 J	5,000	380	<10	<5,000	<100	<100	<100	<10	<40	<100	<50	<50	<50	<50	-
OW-3 (AOC-2)	09/22/20	<10	<10	1,900	43 J	5,000	600	14	<5,000	<100	<100	<100	<10	<40	<100	<50	<50	<50	<50	-
OW-3 (AOC-2)	12/15/20	<5.0	3.1 J	1,700	37	5,200	600	5.3	<2,500	<50	<50	<50	<5.0	<20	<50	<25	<25	<25	<25	-
OW-3 (AOC-2)	03/30/21	<10	5.1 J	2,300	38 J	4,500	590	10	<5,000	<100	<100	<100	<10	<40	<100	<50	<50	<50	<50	-

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<### Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 4
Summary of AOC-2 Groundwater Monitoring Results

Sampling Location	Sampling Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	1,4-Dioxane	2-Butanone (Methyl ethyl ketone) (MEK)	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	Acetone	Benzene	Bromoform	Carbon disulfide	Chloroethane	Chloroform (Trichloromethane)	Methylene chloride	Toluene	Xylenes (total)
	Regulatory Standard	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		5	5	5	5	2	5	5		50		50	1	60	60	5	7		5	5
OW-4 (MW-28)	11/10/10	<1	7,720	38,800	202	433	2,770	716	-	<1	-	15	<1	-	3.43	-	-	<1	2.6	-
OW-4 (MW-28)	06/17/11	28	28	850	4.9	130	39	<10	-	<40	<40	<40	<10	<10	<10	<20	3.2	32	<10	<20
OW-4 (MW-28)	03/22/12	<1	2,100	20,000	130	3,700	1,600	150	-	64	-	1,400	0.46	-	6.2	-	-	<1	1.4	-
OW-4 (MW-28)	06/21/12	<10	180	670	<10	10	180	5.2 J	-	<100	<50	<100	<10	<10	8.3 J	<10	<10	<10	<10	<20
OW-4 (MW-28)	09/27/12	<5	98	410	<5	<5	120	2.4 J	-	<50	<25	<50	<5	<5	3.3 J	<5	<5	<5	<5	<10
OW-4 (MW-28)	12/21/12	<5	120	730	<5	14	150	4.9 J	-	<50	<25	<50	<5	<5	4 J	<5	<5	<5	<5	<10
OW-4 (MW-28)	03/20/13	<10	92	710	<10	91	140	4.9 J	-	<100	<50	<100	<10	<10	<10	<10	<10	<10	<10	<20
OW-4 (MW-28)	06/18/13	<10	56	420	<10	<10	140	<10	-	<100	<50	<100	<10	<10	<10	<10	<10	<10	<10	<20
OW-4 (MW-28)	09/18/13	<10	31	310	<10	<10	110	<10	-	<100	<50	<100	<10	<10	<10	<10	<10	<10	<10	<20
OW-4 (MW-28)	12/17/13	<10	33	430	<10	<10	120	<10	-	<100	<50	<100	<10	<10	<10	<10	<10	<10	<10	<20
OW-4 (MW-28)	03/25/14	<10	26	440	<10	65	140	<10	-	<100	<50	<100	<10	<10	<10	<10	<10	<10	<10	<20
OW-4 (MW-28)	06/25/14	<2	10	160	2.6	<2	130	<2	-	<20	<10	8.5 J	<2	<2	<2	<2	<2	<2	<2	<4
OW-4 (MW-28)	09/23/14	<0.3	<0.22	<0.3	<0.33	<0.32	110	<0.57	-	<0.81	<0.67	5.1 J	0.71 J	<0.42	0.41 J	<0.24	<0.25	<0.32	<0.2	-
OW-4 (MW-28)	12/04/14	<0.3	2	27	<0.33	<0.32	110	<0.57	-	<0.81	<0.67	3.1 J	0.8 J	<0.42	0.36 J	<0.24	<0.25	<0.6	<0.2	-
OW-4 (MW-28)	03/23/15	<0.3	<0.22	<0.3	<0.33	<0.32	130	<0.57	-	1.3 J	<0.67	6.6	0.54 J	0.59 J	0.26 J	<0.24	<0.25	<0.6	<0.2	-
OW-4 (MW-28)	06/29/15	<0.3	8.1	300	3	170	93	1.4	-	<0.81	<0.67	2.4 J	0.4 J	<0.42	<0.22	<0.24	<0.25	<0.6	<0.2	-
OW-4 (MW-28)	09/24/15	<2	5.6	340	4.8 J	50	100	0.95 J	<1,000	<20	<20	11 J	<2	<8	<20	<10	<10	<10	<10	-
OW-4 (MW-28)	12/21/15	<2.5	4.4	330	3.7 J	540	94	1.1 J	<1,200	<25	<25	<25	<2.5	<10	<25	<12	<12	<12	<12	-
OW-4 (MW-28)	03/24/16	<0.5	3.8	170	1.2 J	<1	130	0.4 J	<250	<5	<5	1.6 J	0.38 J	<2	<5	0.78 J	<2.5	<2.5	<2.5	-
OW-4 (MW-28)	06/22/16	<0.36	3.5	240	3.1 J	400	97	0.56 J	<82	<3.9	<2	3 J	<0.32	<1.3	<2	<1.4	<1.4	<1.4	<1.4	-
OW-4 (MW-28)	09/28/16	<0.72	3.2	260	3.1 J	190	100	0.82 J	<240	<7.8	<4	<5.8	<0.64	<2.6	<4	<2.8	<2.8	<2.8	<2.8	-
OW-4 (MW-28)	12/22/16	<0.72	2.9	310	3.3 J	720	85	1 J	<240	<7.8	<4	<5.8	<0.64	<2.6	<4	<2.8	<2.8	<2.8	<2.8	-
OW-4 (MW-28)	03/21/17	<0.9	2.2 J	210	<3.5	560	79	<0.84	<300	<9.7	<5	<7.3	<0.8	<3.2	<5	<3.5	<3.5	<3.5	<3.5	-
OW-4 (MW-28)	06/28/17	<0.9	1.2 J	130	<3.5	520	59	<0.84	<300	<9.7	<5	<7.3	<0.8	<3.2	<5	<3.5	<3.5	<3.5	<3.5	-
OW-4 (MW-28)	09/26/17	<0.9	1.2 J	120	<3.5	750	70	<0.84	<300	<9.7	<5	16 J	<0.8	<3.2	<5	<3.5	<3.5	<3.5	<3.5	-
OW-4 (MW-28)	12/19/17	<1.8	<1.8	140	<7	810	64	<1.7	<610	<19	<10	<15	<1.6	<6.5	<10	<7	<7	<7	<7	-
OW-4 (MW-28)	04/03/18	<0.9	1 J	94	<3.5	680	60	<0.84	<300	<9.7	<5	<7.3	<0.8	<3.2	<5	<3.5	<3.5	<3.5	<3.5	-
OW-4 (MW-28)	06/15/18	<0.72	1.1 J	98	<2.8	420	46	<0.68	<240	<7.8	<4	<5.8	<0.64	<2.6	<4	<2.8	<2.8	<2.8	<2.8	-
OW-4 (MW-28)	09/24/18	<0.9	1.1 J	100	<3.5	630	72	<0.84	<300	<9.7	<5	<7.3	<0.8	<3.2	<5	<3.5	<3.5	<3.5	<3.5	-
OW-4 (MW-28)	12/19/18	<2.5	1.4 J	130	<12	680	60	<2.5	<1,200	<25	<25	<25	<2.5	<10	<25	<12	<12	<12	<12	-
OW-4 (MW-28)	03/27/19	<2.5	1.2 J	120	<12	800	66	<2.5	<1,200	<25	<25	<25	<2.5	<10	<25	<12	<12	<12	<12	-
OW-4 (MW-28)	06/27/19	<2.5	1.3 J	98	<12	530	61	<2.5	<1,200	<25	<25	<25	<2.5	<10	<25	<12	<12	<12	<12	-
OW-4 (MW-28)	09/24/19	<2.5	<2.5	75	<12	660	72	<2.5	<1,200	<25	<25	<25	<2.5	<10	<25	<12	<12	<12	<12	-
OW-4 (MW-28)	12/19/19	<0.50	1.1	66	<2.5	730	49	<0.50	<250	<5.0	<5.0	6.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-4 (MW-28)	03/24/20	<1.2	0.82 J	52	<6.2	390	46	<1.2	<620	<12	<12	<12	<1.2	<5.0	<12	<6.2	<6.2	<6.2	<6.2	-
OW-4 (MW-28)	06/23/20	<1.0	0.60 J	42	<5.0	310	56	<1.0	<500	<10	<10	<10	<1.0	<4.0	<10	<5.0	<5.0	<5.0	<5.0	-
OW-4 (MW-28)	09/22/20	<2.0	0.75 J	48	<10	720	70	<2.0	<1,000	<20	<20	<20	<2.0	<8.0	<20	<10	<10	<10	<10	-
OW-4 (MW-28)	12/15/20	<2.0	0.75 J	53	<10	470	69	<2.0	<1,000	<20	<20	<20	<2.0	<8.0	<20	<10	<10	<10	<10	-
OW-4 (MW-28)	03/30/21	<0.50	0.72	48	<2.5	340	56	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-

Notes:
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Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
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J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 4
Summary of AOC-2 Groundwater Monitoring Results

Sampling Location	Sampling Date	Tetrachloroethene	Trichloroethene	cis-1,1,2-Dichloroethene	trans-1,1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	1,4-Dioxane	2-Butanone (Methyl ethyl ketone) (MEK)	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	Acetone	Benzene	Bromoform	Carbon disulfide	Chloroethane	Chloroform (Trichloromethane)	Methylene chloride	Toluene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Regulatory Standard	5	5	5	5	2	5	5		50		50	1	60	60	5	7		5	5
OW-5	11/10/10	-	110	651	4.08	64.1	19.7	<1	-	<1	-	<1	-	-	<1	-	-	-	-	-
OW-5	06/17/11	<5	77	850	5.2	120	30	5.8	-	<20	<20	6.4	<5	<5	<5	<10	1.6	<20	<5	<10
OW-5	10/04/11	<1	<1	<1	<1	<1	3.8	<1	-	2.2	<5	26	<1	<1	0.42	<1	<1	<1	<1	<2
OW-5	03/22/12	-	28	210	<1	79	29	<1	-	<1	-	<1	-	-	<1	-	-	-	-	-
OW-5	06/21/12	<1	37	100	4.2	37	43	1.6	-	<10	<5	<10	<1	<1	1.1	<1	<1	<1	<1	<2
OW-5	09/27/12	<5	31	260	4.7 J	130	49	1.7 J	-	<50	<25	<50	<5	<5	1.6 J	<5	<5	<5	<5	<10
OW-5	12/21/12	<5	39	560	5.8	170	71	4.2 J	-	<50	<25	<50	<5	<5	<5	<5	<5	<5	<5	<10
OW-5	03/20/13	<10	16	470	<10	260	66	2.9 J	-	<100	<50	<100	<10	<10	<10	<10	<10	<10	<10	<20
OW-5	06/18/13	<10	14	470	<10	340	69	<10	-	<100	<50	<100	<10	<10	<10	<10	<10	<10	<10	<20
OW-5	09/18/13	<5	4.3 J	430	5	350	68	<5	-	<50	<25	<50	<5	<5	<5	<5	<5	<5	<5	<10
OW-5	12/17/13	<10	<10	500	<10	420	76	<10	-	<100	<50	<100	<10	<10	<10	<10	<10	<10	<10	<20
OW-5	03/25/14	<5	2.8 J	410	<5	480	70	<5	-	<50	<25	<50	<5	<5	<5	<5	<5	<5	<5	<10
OW-5	06/25/14	<5	<5	260	<5	370	51	<5	-	<50	<25	<50	<5	<5	8.6	<5	<5	<5	<5	<10
OW-5	09/23/14	<0.3	1.2 J	280	3 J	420	61	0.78 J	-	<0.81	<0.67	<1.3	<0.2	<0.42	<0.22	<0.24	<0.25	<0.32	<0.2	-
OW-5	12/04/14	<0.75	1.1 J	270	2.7	450	54	<1.5	-	<2.1	<1.7	<3.1	<0.5	<1.1	<0.55	<0.6	<0.63	1.9 J	<0.5	-
OW-5	03/23/15	<0.6	1.1 J	230	2.3	470 J	61	<1.2	-	<1.7	<1.4	2.7 J	<0.4	<0.84	<0.44	<0.48	<0.5	<1.2	<0.4	-
OW-5	06/29/15	<0.75	0.65 J	170	2.5	380	43	<1.5	-	<2.1	<1.7	<3.1	<0.5	<1.1	0.73 J	<0.6	0.78 J	<1.5	<0.5	-
OW-5	09/24/15	<1	0.42 J	200	1.6 J	730	62	<1	<500	<10	<10	3.6 J	<1	<4	<10	<5	<5	<5	<5	-
OW-5	12/21/15	<2	<2	220	<10	600	57	<2	<1,000	<20	<20	<20	<2	<8	<20	<10	<10	<10	<10	-
OW-5	03/24/16	<1	0.57 J	180	1.4 J	630	62	<1	<500	<10	<10	<10	<1	<4	<10	<5	<5	<5	<5	-
OW-5	06/22/16	<0.18	0.28 J	100	1 J	680	57	<0.14	<41	<1.9	<1	1.6 J	<0.16	<0.65	<1	1.3 J	<0.7	<0.7	<0.7	-
OW-5	09/28/16	<0.45	<0.44	150	<1.8	530	71	<0.42	<150	<4.8	<2.5	<3.6	<0.4	<1.6	<2.5	<1.8	<1.8	<1.8	<1.8	-
OW-5	12/22/16	<0.18	0.41 J	130	1.1 J	360	50	0.18 J	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-5	03/21/17	<0.72	<0.7	75	<2.8	580	41	<0.68	<240	<7.8	<4	<5.8	<0.64	<2.6	<4	<2.8	<2.8	<2.8	<2.8	-
OW-5	06/28/17	<0.9	<0.88	30	<3.5	320	38	<0.84	<300	<9.7	<5	<7.3	<0.8	<3.2	<5	<3.5	<3.5	<3.5	<3.5	-
OW-5	09/26/17	<0.9	<0.88	36	<3.5	610	45	<0.84	<300	<9.7	<5	15 J	<0.8	<3.2	<5	<3.5	<3.5	<3.5	<3.5	-
OW-5	12/19/17	<0.9	<0.88	48	<3.5	520	38	<0.84	<300	<9.7	<5	<7.3	<0.8	<3.2	<5	<3.5	<3.5	<3.5	<3.5	-
OW-5	04/03/18	<0.18	<0.18	21	<0.7	240	27	<0.17	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-5	06/15/18	<0.45	<0.44	24	<1.8	290	32	<0.42	<150	<4.8	<2.5	<3.6	<0.4	<1.6	<2.5	<1.8	<1.8	<1.8	<1.8	-
OW-5	09/24/18	<0.18	<0.18	37	<0.7	400	46	<0.17	<61	<1.9	<1	<1.5	<0.16	<0.65	<1	<0.7	<0.7	<0.7	<0.7	-
OW-5	12/19/18	<1.2	<1.2	39	<6.2	340	32	<1.2	<620	<12	<12	<12	<1.2	<5.0	<12	<6.2	<6.2	<6.2	<6.2	-
OW-5	03/27/19	<0.50	0.32 J	30	<2.5	250	30	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-5	06/27/19	<1.2	<1.2	26	<6.2	250	28	<1.2	<620	<12	<12	<12	<1.2	<5.0	<12	<6.2	<6.2	<6.2	<6.2	-
OW-5	09/24/19	<0.50	<0.50	16	<2.5	290	40	<0.50	<250	<5.0	<5.0	2.4 J	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-5	12/19/19	<0.50	0.22 J	22	<2.5	210	22	<0.50	<250	<5.0	<5.0	9.3	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-5	03/24/20	<0.50	<0.50	14	<2.5	180	21	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-5	06/23/20	<0.50	<0.50	10	<2.5	160	30	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-5	09/22/20	<1.0	<1.0	11	<5.0	210	34	<1.0	<500	<10	<10	<10	<1.0	<4.0	<10	<5.0	<5.0	<5.0	<5.0	-
OW-5	12/15/20	<0.50	<0.50	17	<2.5	220	36	<0.50	<250	<5.0	<5.0	<5.0	<0.50	<2.0	<5.0	<2.5	<2.5	<2.5	<2.5	-
OW-5	03/30/21	<1.0	<1.0	12	<5.0	210	28	<1.0	<500	<10	<10	<10	<1.0	<4.0	<10	<5.0	<5.0	<5.0	<5.0	-

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<### Not detected above indicated laboratory reporting limit.
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mg/L milligrams per liter
ug/L micrograms per liter
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Table 4
Summary of AOC-2 Groundwater Monitoring Results

Garlock Sealing Technologies
Site No. 3 BCP Site
BCP Site #C859028

AOC-2			
Sampling Location	Sampling Date	Chemical oxygen demand (COD)	Total organic carbon (TOC)
		mg/L	mg/L
	Regulatory Standard		
OW-1	11/10/10	1.1	<5
OW-1	06/17/11	14.7	<1
OW-1	10/04/11	148	60.9
OW-1	03/22/12	15.8	<5
OW-1	06/21/12	282	16.6
OW-1	09/27/12	<10	25.2 J
OW-1	12/20/12	65.6 J	27.1
OW-1	03/20/13	50.5	13.3
OW-1	06/18/13	14.1	8.6
OW-1	09/18/13	21.3	2.9
OW-1	12/17/13	17.3	6.2
OW-1	03/25/14	15.1	6.5
OW-1	06/25/14	19.7	4.9
OW-1	09/22/14	8.1	5.8
OW-1	12/04/14	<5	5.5
OW-1	03/23/15	9.3	6.2
OW-1	06/29/15	16.4	6.2
OW-1	09/24/15	16 J	3.6
OW-1	12/21/15	25	4.2
OW-1	03/24/16	12	5.28
OW-1	06/22/16	34	2.95
OW-1	09/28/16	6.1 J	1.92
OW-1	12/22/16	18	1.81
OW-1	03/21/17	10	2.53
OW-1	06/28/17	22	1.82
OW-1	09/26/17	10	1.66
OW-1	12/19/17	8.4 J	1.84
OW-1	04/03/18	<2.7	1.39
OW-1	06/15/18	15	1.48
OW-1	09/24/18	27	1.72
OW-1	12/19/18	39	1.40
OW-1	03/27/19	<10	1.57
OW-1	06/27/19	11	1.07
OW-1	09/24/19	13	1.15
OW-1	12/19/19	18	1.27
OW-1	03/24/20	21	0.860
OW-1	06/23/20	31	1.84
OW-1	09/22/20	31	0.95
OW-1	12/15/20	59	0.920
OW-1	03/30/21	34	1.00

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Table 4
Summary of AOC-2 Groundwater Monitoring Results

Garlock Sealing Technologies
Site No. 3 BCP Site
BCP Site #C859028

Sampling Location	Sampling Date	Chemical oxygen demand (COD)	Total organic carbon (TOC)
		mg/L	mg/L
OW-2 (MW-41)	05/16/08	<1	<5
OW-2 (MW-41)	11/10/10	1.1	<5
OW-2 (MW-41)	06/17/11	10.2	<1
OW-2 (MW-41)	10/04/11	62	22.3
OW-2 (MW-41)	10/27/11	59.5	10.8
OW-2 (MW-41)	03/22/12	21.3	85.6
OW-2 (MW-41)	06/21/12	58.8	14.7
OW-2 (MW-41)	09/27/12	61.9	13.5 J
OW-2 (MW-41)	12/20/12	58.5	13
OW-2 (MW-41)	03/20/13	84.3	11.8
OW-2 (MW-41)	06/18/13	56	13.5
OW-2 (MW-41)	09/18/13	44.9	7.8
OW-2 (MW-41)	12/17/13	37.7	8.1
OW-2 (MW-41)	03/25/14	52.9	9.1
OW-2 (MW-41)	06/25/14	43.5	8.2
OW-2 (MW-41)	09/23/14	40.4	9.3
OW-2 (MW-41)	12/04/14	16.8	9.9
OW-2 (MW-41)	03/23/15	15.5	6.7
OW-2 (MW-41)	06/29/15	19.3	8.3
OW-2 (MW-41)	09/24/15	62	9.7
OW-2 (MW-41)	12/21/15	53	6.9
OW-2 (MW-41)	03/24/16	47	10.4
OW-2 (MW-41)	06/22/16	37	5.88
OW-2 (MW-41)	09/28/16	42	6.16
OW-2 (MW-41)	12/22/16	65	6.73
OW-2 (MW-41)	03/21/17	32	5.97
OW-2 (MW-41)	06/28/17	37	4.64
OW-2 (MW-41)	09/26/17	45	6.54
OW-2 (MW-41)	12/19/17	46	6.21
OW-2 (MW-41)	04/03/18	6.1 J	2.56
OW-2 (MW-41)	06/15/18	56	5.22
OW-2 (MW-41)	09/24/18	31	4.67
OW-2 (MW-41)	12/19/18	26	4.07
OW-2 (MW-41)	03/27/19	37	4.74
OW-2 (MW-41)	06/27/19	57	4.53
OW-2 (MW-41)	09/24/19	39	4.29
OW-2 (MW-41)	12/19/19	18	3.04
OW-2 (MW-41)	03/24/20	7.7 J	1.96
OW-2 (MW-41)	06/23/20	48	5.49
OW-2 (MW-41)	09/22/20	52	3.7
OW-2 (MW-41)	12/15/20	56	3.35
OW-2 (MW-41)	03/30/21	9.9 J	2.54

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Table 4
Summary of AOC-2 Groundwater Monitoring Results

Garlock Sealing Technologies
Site No. 3 BCP Site
BCP Site #C859028

Sampling Location	Sampling Date	Chemical oxygen demand (COD)	Total organic carbon (TOC)
		mg/L	mg/L
OW-3 (AOC-2)	11/10/10	2.8	22
OW-3 (AOC-2)	06/17/11	10.5	<1
OW-3 (AOC-2)	10/04/11	608	209
OW-3 (AOC-2)	10/27/11	534	190
OW-3 (AOC-2)	03/22/12	153	457
OW-3 (AOC-2)	06/21/12	376	202
OW-3 (AOC-2)	09/27/12	123	253 J
OW-3 (AOC-2)	12/20/12	755	237
OW-3 (AOC-2)	03/20/13	452	144
OW-3 (AOC-2)	06/18/13	378	92.3
OW-3 (AOC-2)	09/18/13	418	140
OW-3 (AOC-2)	12/17/13	421	108
OW-3 (AOC-2)	03/25/14	346	80.5
OW-3 (AOC-2)	06/25/14	248	86
OW-3 (AOC-2)	09/23/14	310	98
OW-3 (AOC-2)	12/04/14	254	112
OW-3 (AOC-2)	03/23/15	210	63
OW-3 (AOC-2)	06/29/15	174	51
OW-3 (AOC-2)	09/24/15	300	52
OW-3 (AOC-2)	12/21/15	280	51
OW-3 (AOC-2)	03/24/16	160	37
OW-3 (AOC-2)	06/22/16	200	42.5
OW-3 (AOC-2)	09/28/16	260	50
OW-3 (AOC-2)	12/22/16	180	31.4
OW-3 (AOC-2)	03/21/17	94	17.7
OW-3 (AOC-2)	06/28/17	69	10.6
OW-3 (AOC-2)	09/26/17	94	15.4
OW-3 (AOC-2)	12/19/17	66	14
OW-3 (AOC-2)	04/03/18	69	10.9
OW-3 (AOC-2)	06/15/18	43	7.44
OW-3 (AOC-2)	09/24/18	120	16.1
OW-3 (AOC-2)	12/19/18	59	11.2
OW-3 (AOC-2)	03/27/19	39	8.54
OW-3 (AOC-2)	06/27/19	38	6.04
OW-3 (AOC-2)	09/24/19	55	9.74
OW-3 (AOC-2)	12/19/19	70	10.0
OW-3 (AOC-2)	03/24/20	35	5.62
OW-3 (AOC-2)	06/23/20	28	6.59
OW-3 (AOC-2)	09/22/20	66	7.7
OW-3 (AOC-2)	12/15/20	76	9.58
OW-3 (AOC-2)	03/30/21	52	7.65

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Table 4
Summary of AOC-2 Groundwater Monitoring Results

Garlock Sealing Technologies
Site No. 3 BCP Site
BCP Site #C859028

Sampling Location	Sampling Date	Chemical oxygen demand (COD)	Total organic carbon (TOC)
		mg/L	mg/L
OW-4 (MW-28)	11/10/10	2.8	22
OW-4 (MW-28)	06/17/11	5	<1
OW-4 (MW-28)	03/22/12	153	457
OW-4 (MW-28)	06/21/12	142	143
OW-4 (MW-28)	09/27/12	171	65.7 J
OW-4 (MW-28)	12/21/12	185	57.1
OW-4 (MW-28)	03/20/13	82.4	35
OW-4 (MW-28)	06/18/13	93.1	28.9
OW-4 (MW-28)	09/18/13	81.8	22.9
OW-4 (MW-28)	12/17/13	56.5	21.2
OW-4 (MW-28)	03/25/14	49.2	19.1
OW-4 (MW-28)	06/25/14	47	14.9
OW-4 (MW-28)	09/23/14	19.9	11.6
OW-4 (MW-28)	12/04/14	22.8	9.9
OW-4 (MW-28)	03/23/15	8.7	6.6
OW-4 (MW-28)	06/29/15	11.3	5.7
OW-4 (MW-28)	09/24/15	44	4.9
OW-4 (MW-28)	12/21/15	56	5.2
OW-4 (MW-28)	03/24/16	22	5.86
OW-4 (MW-28)	06/22/16	22	2.87
OW-4 (MW-28)	09/28/16	11	2.31
OW-4 (MW-28)	12/22/16	15	4.52
OW-4 (MW-28)	03/21/17	20	3.75
OW-4 (MW-28)	06/28/17	16	1.7
OW-4 (MW-28)	09/26/17	28	1.9
OW-4 (MW-28)	12/19/17	13	3.46
OW-4 (MW-28)	04/03/18	15	1.88
OW-4 (MW-28)	06/15/18	10	1.4
OW-4 (MW-28)	09/24/18	<2.7	1.25
OW-4 (MW-28)	12/19/18	19	1.25
OW-4 (MW-28)	03/27/19	10	1.32
OW-4 (MW-28)	06/27/19	28	1.12
OW-4 (MW-28)	09/24/19	8.6 J	1.06
OW-4 (MW-28)	12/19/19	18	1.02
OW-4 (MW-28)	03/24/20	14	0.840
OW-4 (MW-28)	06/23/20	18	1.79
OW-4 (MW-28)	09/22/20	19	0.93
OW-4 (MW-28)	12/15/20	13	0.690
OW-4 (MW-28)	03/30/21	20	1.38

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Table 4
Summary of AOC-2 Groundwater Monitoring Results

Garlock Sealing Technologies
Site No. 3 BCP Site
BCP Site #C859028

Sampling Location	Sampling Date	Chemical oxygen demand (COD)	Total organic carbon (TOC)
		mg/L	mg/L
OW-5	11/10/10	2.6	<5
OW-5	06/17/11	4.1	<1
OW-5	10/04/11	102	54
OW-5	03/22/12	70.8	35
OW-5	06/21/12	77.4	31.4
OW-5	09/27/12	72.9	27.4 J
OW-5	12/21/12	50.2	20.4
OW-5	03/20/13	24.3	11.7
OW-5	06/18/13	31.4	9.1
OW-5	09/18/13	27.2	6.4
OW-5	12/17/13	31.3	6.6
OW-5	03/25/14	19.2	5.6
OW-5	06/25/14	15.2	4
OW-5	09/23/14	8.1	3.3
OW-5	12/04/14	7.1	3.5
OW-5	03/23/15	9	3.3
OW-5	06/29/15	14.3	2.9
OW-5	09/24/15	48	2.5
OW-5	12/21/15	74	3.9
OW-5	03/24/16	19	4.24
OW-5	06/22/16	27	2.1
OW-5	09/28/16	40	3.84
OW-5	12/22/16	27	3.35
OW-5	03/21/17	68	3.09
OW-5	06/28/17	39	1.46
OW-5	09/26/17	37	1.68
OW-5	12/19/17	15	2.98
OW-5	04/03/18	36	1.69
OW-5	06/15/18	22	1.28
OW-5	09/24/18	13	1.13
OW-5	12/19/18	24	0.740
OW-5	03/27/19	3.9 J	1.03
OW-5	06/27/19	30	0.800
OW-5	09/24/19	18	0.922
OW-5	12/19/19	35	0.992
OW-5	03/24/20	12	0.670
OW-5	06/23/20	22	1.59
OW-5	09/22/20	52	0.83
OW-5	12/15/20	13	0.620
OW-5	03/30/21	25	1.22

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Table 5
Summary of AOC-3 Groundwater Monitoring Results

AOC-3																													
Sampling Location	Sampling Date	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	2-Butanone (Methyl ethyl ketone) (MEK)	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	Acetone	Benzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform (Trichloromethane)	Cyclohexane	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl cyclohexane	Methylene chloride	o-Xylene	Toluene	Xylenes (total)	
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Criteria	5	5	5	2	5	5	1	5	5	0.6	50	50	50	1	60	5	5	7	5	5	5	5	5	88	<40	5	5	5
MW0512-2	06/20/12	90	3,600	<40	970	68	<40	<40	130	12 J	<40	<400	<200	<400	<40	<40	<40	<40	<40	<40	<40	<40	-	88	<40	-	5	2,700	46 J
MW0512-2	09/25/12	<50	13,000	56	9,000	230	<50	<50	580	21 J	<50	<500	<250	<500	45 J	<50	<50	160	<50	<50	62	<50	-	270	<50	-	-	21,000	290
MW0512-2	12/21/12	<100	4,500	<100	810	<100	<100	<100	150	<100	<100	<1,000	<500	<1,000	<100	<100	<100	<100	<100	<100	<100	<100	-	39 J	<100	-	-	1,400	<200
MW0512-2	03/20/13	180	1,700	<20	390	19 J	<20	<20	72	11 J	<20	<200	<100	<200	<20	<20	<20	<20	<20	<20	<20	<20	-	44	<20	-	-	190	<40
MW0512-2	06/18/13	60	43,000	620	1,800	690	<20	<20	1,100	37	<20	<200	<100	<200	25	<20	<20	<20	<20	<20	<20	<20	-	8.2 J	<20	-	-	7,100	54
MW0512-2	09/18/13	<50	3,000	<50	3,300	<50	<50	<50	190	<50	<50	<500	<250	<500	<50	<50	<50	<50	<50	<50	<50	<50	-	24 J	<50	-	-	440	<100
MW0512-2	12/17/13	<80	5,400	<80	2,300	<80	<80	<80	190	<80	<80	<800	<400	<800	<80	<80	<80	<80	<80	<80	<80	<80	-	<80	<80	-	-	58 J	<160
MW0512-2	03/25/14	140	1,800	<25	340	<25	<25	<25	57	<25	<25	<250	<130	<250	<25	<25	<25	<25	<25	<25	<25	<25	-	15 J	<25	-	-	77	<50
MW0512-2	06/25/14	86	2,500	<25	1,100	<25	<25	<25	100	10 J	<25	<250	<130	<250	<25	<25	<25	11 J	<25	<25	<25	<25	-	20 J	<25	-	-	81	<50
MW0512-2	09/23/14	24 J	3,200	19 J	1,600	22 J	<1.3	<1.8	140	6.3 J	<1.8	<4.1	<3.4	<6.2	2.7 J	<1.1	<1.5	19 J	<1.3	<1.3	3 J	<1	5.1 J	14 J	<1.6	3.6 J	98	-	-
MW0512-2	12/04/14	6.5 J	7,800	14 J	3,600	28	<6.3	<8.5	300	<15	<9	<21	<17	<31	6.3 J	<5.5	<7.3	<6	<6.3	<6.3	7.3 J	<5	11 J	39	<15	5.8 J	440	-	-
MW0512-2	03/23/15	61	2,300	7.8 J	350	28	<5	<6.9	110	<12	<7.2	<17	<14	<25	<4	<4.4	<5.8	20	<5	<5	<4	<4	<6.7	14 J	<12	<4	190	-	-
MW0512-2	06/29/15	120	1,000	9.8 J	190	10	<2.5	<3.5	42	9.4 J	<3.6	<8.2	<6.7	<13	<2	<2.2	<2.9	<2.4	<2.5	<2.5	<2	<2	<3.4	7 J	<6	<2	9 J	-	-
MW0512-2	09/24/15	28	3,500	<120	2,300	<120	<25	<75	170	9 J	<25	<250	<250	110 J	<25	<250	<120	<120	<120	<500	<120	<120	<120	<500	<120	<120	<120	130	-
MW0512-2	12/21/15	<100	6,600	<500	3,000	<500	<100	<300	250 J	<100	<100	<1,000	<1,000	<1,000	<100	<1,000	<500	<500	<500	<2,000	<500	<500	<500	<2,000	<500	<500	<500	220 J	-
MW0512-2	03/24/16	190	1,400	12 J	530	8.2 J	<5	<15	63	14	<5	<50	<50	<50	1.7 J	<50	<25	20 J	<25	<100	<25	<25	<25	17 J	<25	<25	<25	22 J	-
MW0512-2	06/22/16	61 J	8,400	<140	2,000	<140	<29	<100	240 J	<28	<26	<390	<200	<290	<32	<200	<140	<140	<140	<54	<140	<140	<140	<79	<140	<140	<140	490 J	-
MW0512-2	09/28/16	<35	5,600	<140	9,100	<140	<33	<100	390 J	<34	<26	<390	<200	<290	<32	<200	<140	<140	<140	<54	<140	<140	<140	<79	<140	<140	<140	1,100	-
MW0512-2	12/22/16	140	1,500	<14	400	<14	<3.3	<10	55	13	<2.6	<39	<20	<29	<3.2	<20	<14	<14	<14	<5.4	<14	<14	<14	<7.9	<14	<14	<14	<14	-
MW0512-2	03/21/17	150	1,200	<18	330	<18	<4.2	<12	44 J	15	<3.3	57 J	<25	38 J	<4	<25	<18	<18	<18	<6.8	<18	<18	<18	<9.9	<18	<18	<18	<18	-
MW0512-2	06/28/17	10 J	2,800	<18	980	<18	<4.2	<12	90	12	<3.3	<48	<25	<36	<4	<25	<18	34 J	<18	<6.8	<18	<18	<18	<9.9	<18	<18	<18	60 J	-
MW0512-2	09/26/17	14 J	5,600	<35	2,300	<35	<8.4	<25	240	<8.4	<6.6	<97	<50	<73	<8	<50	<35	55 J	<35	<14	<35	<35	<35	<20	<35	<35	<35	380	-
MW0512-2	12/19/17	100	1,700	11 J	690	9.2 J	<1.7	<5	74	12	<1.3	<19	<10	<15	1.9 J	<10	<7	19 J	<7	<2.7	<7	<7	<7	9.6 J	<7	<7	<7	23 J	-
MW0512-2	04/03/18	110	1,000	9.6 J	590	<7	<1.7	<5	44	13	<1.3	<19	<10	<15	<1.6	<10	<7	15 J	<7	<2.7	<7	<7	<7	6.6 J	<7	<7	<7	<7	-
MW0512-2	06/15/18	29	5,700	62 J	1,700	<35	<8.4	<25	210	12 J	<6.6	<97	<50	<73	<8	<50	<35	76 J	<35	<14	<35	<35	<35	<20	<35	<35	<35	600	-
MW0512-2	09/24/18	66	7,600	<35	2,800	<35	<8.4	<25	340	<8.4	<6.6	<97	<50	<73	<8	<50	<35	38 J	<35	<14	<35	<35	<35	<20	<35	<35	<35	350	-
MW0512-2	12/19/18	110	1,100	12 J	410	<25	<5.0	<15	43	15	<5.0	<50	<50	<50	<5.0	<50	<25	11 J	<25	<100	<25	<25	<25	6.4 J	<25	<25	<25	11 J	-
MW0512-2	03/27/19	130	730	10 J	300	4.3 J	<2.5	<7.5	32	15	<2.5	<25	<25	<25	0.80 J	<25	<12	10 J	<12	<50	<12	<12	<12	6.8 J	<12	<12	<12	3.8 J	-
MW0512-2	06/27/19	160	880	11 J	410	5.3 J	<2.5	<7.5	37	17	<2.5	<25	<25	<25	1.0 J	<25	<12	11 J	<12	<50	<12	<12	<12	8.4 J	<12	<12	<12	13	-
MW0512-2	09/24/19	12 J	8,600	41 J	3,900	<120	<25	<75	400	13 J	<25	<250	<250	<250	9.8 J	<250	<120	<120	<120	<500	<120	<120	<120	<500	<120	<120	<120	450	-
MW0512-2	12/19/19	35	560	5.4 J	460	<12	<2.5	<7.5	33	7.2	<2.5	<25	<25	<25	0.94 J	<25	<12	14	<12	<50	<12	<12	<12	4.3 J	<12	<12	<12	4.6 J	-
MW0512-2	03/24/20	53	800	9.8 J	610	<12	<2.5	<7.5	42	12	<2.5	<25	<25	<25	1.8 J	<25	<12	27	<12	<50	<12	<12	<12	7.2 J	<12	<12	<12	11 J	-
MW0512-2	06/23/20	29	6,000	<120	2,100	<120	<25	<75	240	<25	<25	<250	<250	<250	<25	<250	<120	73 J	<120	<500	<120	<120	<120	<500	<120	<120	<120	740	-
MW0512-2	09/22/20	8.4	12,000	110	8,200	7.8	<0.50	2.0	680	15	4.8	240	150	52	15	1.3 J	<2.5	59	<2.5	5.2 J	11	0.70 J	12	42	5.6	9.6	610	-	-
MW0512-2	12/15/20	30	4,700	18 J	4,300	<62	<12	<38	360	5.5 J	<12	99 J	81 J	54 J	6.1 J	<120	<62	46 J	<62	<250	<62	<62	<62	<250	<62	<62	<62	650	-
MW0512-2	03/30/21	130	1,300	11 J	640	7.5 J	<5.0	<15	60	14	<5.0	<50	<50	<50	<5.0	<50	<25	14 J	<25	<100	<25	<25	<25	5.9 J	<25	<25	<25	19 J	-

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDDC Division of Water TOGS 1.1.1 (June 1998)
<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 5
Summary of AOC-3 Groundwater Monitoring Results

Sampling Location	Sampling Date	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane	1,1,2,2-Tetrachloroethane	1,1,2-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	1,2-Dichloroethane	2-Butanone (Methyl ethyl ketone) (MEK)	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	Acetone	Benzene	Carbon disulfide	Chlorobenzene	Chloroethane	Chloroform (Trichloromethane)	Cyclohexane	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl cyclohexane	Methylene chloride	o-Xylene	Toluene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Criteria	5	5	5	2	5	5	1	5	5	0.6	50		50	1	60	5	5	7		5	5	5		ug/L	5	5	5
MW0911-2	10/10/11	<8,000	230,000	<8,000	13,000	<8,000	<8,000	<8,000	4,200	<8,000	<8,000	<80,000	<40,000	<80,000	<8,000	<8,000	<8,000	<8,000	<8,000	-	<8,000	-	<16,000	-	<8,000	<8,000	14,000	<16,000
MW0911-2	10/27/11	<4,000	230,000	<4,000	12,000	<4,000	<4,000	<4,000	4,200	<4,000	<4,000	<40,000	<20,000	<40,000	<4,000	<4,000	<4,000	<4,000	<4,000		<4,000	-	<4,000	-	<4,000	<4,000	17,000	<8,000
MW0911-2	06/20/12	21	<1	<4,000	7,400	<4,000	0.57 J	16	2,600 J	9.7	<10	<5	26	<4,000	9.3	1.2		10	18	31	5.6	-	<4,000	0.68 J	-	<1	190	
MW0911-2	09/25/12	<2,000	100,000	<2,000	19,000	<2,000	<2,000	<2,000	2,200	<2,000	<2,000	<20,000	<10,000	<20,000	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	-	1,000 J	<2,000	-	18,000	<4,000
MW0911-2	12/21/12	<1,000	71,000	<1,000	4,200	<1,000	<1,000	<1,000	1,300	<1,000	<1,000	<10,000	<5,000	<10,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	-	<1,000	<1,000	-	12,000	<2,000
MW0911-2	03/20/13	<1,000	58,000	<1,000	1,400	<1,000	<1,000	<1,000	1,200	<1,000	<1,000	<10,000	<5,000	<10,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	-	<1,000	<1,000	-	16,000	<2,000
MW0911-2	06/18/13	180	1,900	<20	580	20	<20	<20	77	<20	<20	<200	<100	<200	<20	<20	<20	<20	<20	<20	<20	<20	-	26	<20	-	93	<40
MW0911-2	09/18/13	11 J	61,000	300	5,000	410	<20	11 J	1,300	130	<20	46 J	<100	<200	72	<20	<20	<20	<20	<20	20	<20	-	25	<20	-	24,000	160
MW0911-2	12/17/13	<400	36,000	<400	3,400	490	<400	<400	900	<400	<400	<4,000	<2,000	<4,000	<400	<400	<400	<400	<400	<400	<400	<400	-	<400	<400	-	22,000	<800
MW0911-2	03/25/14	<400	32,000	<400	1,500	540	<400	<400	660	<400	<400	<4,000	<2,000	<4,000	<400	<400	<400	<400	<400	<400	<400	<400	-	<400	<400	-	19,000	<800
MW0911-2	06/25/14	<400	27,000	<400	1,100	450	<400	<400	590	<400	<400	<4,000	<2,000	<4,000	<400	<400	<400	<400	<400	<400	<400	<400	-	<400	<400	-	22,000	<800
MW0911-2	09/23/14	<22	32,000	200 J	3,600	290 J	<25	<34	740	81 J	<36	<81	<67	<130	56 J	<22	<29	<24	<25	<25	<20	91 J	<27	<32	43 J	20,000	-	
MW0911-2	12/04/14	<55	32,000	170 J	13,000	<90	<63	<85	980	<150	<90	<210	<170	<310	<50	<55	<73	<60	<63	<63	<50	<50	<83	<68	<150	<50	5,700	-
MW0911-2	03/23/15	<44	23,000	210	3,300	170 J	<50	<68	610	<120	<72	<170	<140	<250	<40	<44	<58	<48	<50	<50	<40	<40	<66	<54	<120	<40	3,400	-
MW0911-2	06/29/15	<11	9,700	100	880	170	<13	<17	210	<29	<18	<41	<34	<62	<10	<11	<15	<12	19 J	<13	<10	<10	25 J	<14	<30	16 J	5,400	-
MW0911-2	09/24/15	<100	22,000	150 J	4,300	<500	<100	<300	510	48 J	<100	<1,000	<1,000	490 J	52 J	<1,000	<500	<500	<500	<2,000	<500	<500	<500	<2,000	<500	<500	15,000	-
MW0911-2	12/21/15	<200	12,000	<1,000	5,000	<1,000	<200	<600	320 J	<200	<200	<2,000	<2,000	<2,000	<200	<2,000	<1,000	<1,000	<1,000	<4,000	<1,000	<1,000	<1,000	<4,000	<1,000	<1,000	15,000	-
MW0911-2	03/24/16	<100	9,500	<500	1,200	150 J	<100	<300	310 J	<100	<100	<1,000	<1,000	<1,000	<100	<1,000	<500	<500	<500	<2,000	<500	<500	<500	<2,000	<500	<500	12,000	-
MW0911-2	06/22/16	<35	14,000	<140	2,800	<140	<29	<100	320 J	28 J	<26	<390	<200	<290	<32	<200	<140	<140	<140	<54	<140	<140	<140	<79	<140	<140	9,100	-
MW0911-2	09/28/16	<35	8,800	<140	11,000	<140	<33	<100	670	<34	<26	<390	<200	<290	<32	<200	<140	<140	<140	<54	<140	<140	<140	<79	<140	<140	1,200	-
MW0911-2	12/22/16	<18	7,500	81 J	690	74 J	<17	<50	200 J	<17	<13	<190	<100	<150	<16	<100	<70	<70	<70	<27	<70	<70	<70	<40	<70	<70	8,000	-
MW0911-2	03/21/17	<18	3,800	<70	760	<70	<17	<50	110 J	<17	<13	<190	<100	<150	<16	<100	<70	<70	<70	<27	<70	<70	<70	<40	<70	<70	3,000	-
MW0911-2	06/28/17	<18	4,400	<70	1,100	76 J	<17	<50	130 J	<17	<13	<190	<100	<150	<16	<100	<70	<70	<70	<27	<70	<70	<70	<40	<70	<70	6,300	-
MW0911-2	09/26/17	<35	3,700	<140	3,100	<140	<33	<100	160 J	<34	<26	<390	<200	<290	<32	<200	<140	<140	<140	<54	<140	<140	<140	<79	<140	<140	12,000	-
MW0911-2	12/19/17	11 J	2,800	40 J	1,100	52 J	<4.2	<12	120	5.5 J	<3.3	<48	<25	<36	7.3 J	<25	<18	<18	<18	<6.8	<18	<18	57 J	<9.9	<18	31 J	3,800	-
MW0911-2	04/03/18	9.4 J	2,700	<35	1,200	48 J	<8.4	<25	120	<8.4	<6.6	<97	<50	<73	<8	<50	<35	<35	<35	<14	<35	<35	48 J	<20	<35	<35	4,700	-
MW0911-2	06/15/18	<18	3,600	<70	1,200	80 J	<17	<50	110 J	<17	<13	<190	<100	<150	<16	<100	<70	<70	<27	<70	<70	81 J	<40	<70	<70	8,500	-	
MW0911-2	09/24/18	0.62	3,200	90	7,200	59	<0.17	1.9	280	6.7	0.72	<1.9	1.6 J	2 J	16	<1	<0.7	4.6	<0.7	3.4 J	18	2.2 J	93	19	<0.7	46	12,000	-
MW0911-2	12/19/18	<10	2,200	38 J	1,100	21 J	<10	<30	100	<10	<10	<100	<100	<100	5.4 J	<100	<50	<50	<50	<200	<50	<50	38 J	<200	<50	20 J	1,900	-
MW0911-2	03/27/19	5.3	1,300	25	530	13 J	<5.0	<15	64	2.7 J	<5.0	<50	<50	<50	2.4 J	<50	<25	<25	<25	<100	<25	<25	32	<100	<25	16 J	730	-
MW0911-2	06/27/19	16	2,300	39 J	440	17 J	<10	<30	65	<10	<10	<100	<100	<100	<10	<100	<50	<50	<50	<200	<50	<50	34 J	<200	<50	15 J	950	-
MW0911-2	09/24/19	<50	1,700	<250	4,000	<250	<50	<150	180 J	<50	<50	<500	<500	<500	17 J	<500	<250	<250	<250	<1,000	<250	<250	120 J	<1,000	<250	85 J	15,000	-
MW0911-2	12/19/19	11	2,200	34 J	780	<50	<10	<30	82	<10	<10	<100	<100	<100	<10	<100	<50	<50	<50	<200	<50	<50	32 J	<200	<50	16 J	1,200	-
MW0911-2	03/24/20	4.3 J	1,200	19 J	860	<50	<10	<30	65	<10	<10	<100	<100	<100	3.8 J	<100	<50	<50	<50	<200	<50	<50	27 J	<200	<50	<50	1,800	-
MW0911-2	06/23/20	<50	1,100	<250	1,900	<250	<50	<150	110 J	<50	<50	<500	<500	<500	<50	<500	<250	<250	<250	<1,000	<250	<250	100 J	<1,000	<250	<250	14,000	-
MW0911-2	09/22/20	<50	100 J	<250	530	<250	<50	<150	250	<50	<50	<500	<500	<500	16 J	<500	<250	<250	<250	<1,000	<250	<250	<250	<1,000	<250	<250	10,000	-
MW0911-2	12/15/20	1.2 J	760	40	700	<12	<2.5	<7.5	200	<2.5	0.72 J	<25	<25	<25	9.9	<25	<12	20	<12	3.8 J	13	<12	52					



Table 6
Summary of AOC-4 Groundwater Monitoring Results

AOC-4																									
Sampling Location	Sampling Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	Acetone	Benzene	Bromodichloromethane	Carbon tetrachloride	Chloroform (Trichloromethane)	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl cyclohexane	Methylene chloride	o-Xylene	Toluene	Trichlorofluoromethane (CFC-11)	Xylenes (total)
	Criteria	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		5	5	5	5	2	5	5	5	50		50	1	50	5	7	5	5	5			5	5	5	5
MW0512-1	06/20/12	910	11,000	180,000	650	2,600	7,600	1,300	460	170 J	330	<400	38 J	<40	<40	<40	880	<40	-	34 J	35 J	-	19,000	1,600	5,100
MW0512-1	09/25/12	<4,000	2,600 J	180,000	<4,000	<4,000	4,000	<4,000	<4,000	<40,000	<20,000	12,000 J	<4,000	<4,000	<4,000	<4,000	<4,000	<4,000	-	<4,000	<4,000	-	17,000	<4,000	<8,000
MW0512-1	12/19/12	<2,000	<2,000	91,000	<2,000	1,800 J	3,400	<2,000	<2,000	<20,000	<10,000	<20,000	<2,000	<2,000	<2,000	<2,000	<2,000	<2,000	-	<2,000	<2,000	-	9,300	2,100	2,000 J
MW0512-1	03/20/13	<1,000	<1,000	55,000	<1,000	2,500	1,800	380 J	<1,000	<10,000	<5,000	<10,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	-	<1,000	<1,000	-	6,200	<1,000	1,300 J
MW0512-1	06/18/13	<1,000	<1,000	69,000	<1,000	1,800	3,800	620 J	<1,000	<10,000	<5,000	<10,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	-	<1,000	<1,000	-	10,000	<1,000	3,500
MW0512-1	09/18/13	<1,000	<1,000	160,000	<1,000	2,500	5,800	1,000	640 J	<10,000	<5,000	<10,000	<1,000	<1,000	<1,000	<1,000	900 J	<1,000	-	<1,000	<1,000	-	18,000	1,500	4,700
MW0512-1	12/17/13	<1,000	<1,000	72,000	<1,000	2,400	3,000	570 J	<1,000	<10,000	<5,000	<10,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	-	<1,000	<1,000	-	9,500	<1,000	2,900
MW0512-1	03/25/14	<1,000	<1,000	52,000	<1,000	1,900	2,700	<1,000	<1,000	<10,000	<5,000	<10,000	<1,000	<1,000	<1,000	<1,000	<1,000	<1,000	-	<1,000	<1,000	-	6,900	<1,000	2,000
MW0512-1	06/25/14	<1,000	<1,000	95,000	<1,000	2,300	4,900	870 J	950 J	<10,000	<5,000	<10,000	<1,000	<1,000	<1,000	<1,000	930 J	<1,000	-	<1,000	<1,000	-	14,000	<1,000	4,700
MW0512-1	09/24/14	110 J	40 J	99,000	360 J	1,400	5,000	860	260 J	<81	290 J	<130	22 J	<32	<45	<25	960	22 J	3,600	<27	<32	1,400	14,000	690	-
MW0512-1	12/04/14	360 J	<110	89,000	320 J	1,500	3,600	890	<290	<410	<340	<620	<100	<160	<230	<130	660	<100	2,700	<140	<300	1,000	12,000	540	-
MW0512-1	03/23/15	<150	<110	63,000	340 J	1,400	3,200	740	<290	<410	<340	<620	<100	<160	<230	<130	620	<100	2,600	<140	<300	1,000	9,000	470 J	-
MW0512-1	06/29/15	<150	200 J	76,000	330 J	1,500	3,900	760	<290	<410	<340	<620	<100	380 J	<230	1,800	660	<100	2,600	<140	<300	1,100	12,000	600	-
MW0512-1	09/24/15	<200	<200	110,000	320 J	1,700	4,700	940 J	220	<2,000	<2,000	960 J	<200	<200	<200	<1,000	810 J	<1,000	2,900	<4,000	<1,000	1,200	12,000	730 J	-
MW0512-1	12/21/15	<500	<500	80,000	<2,500	2,100	3,600	730 J	190 J	<5,000	<5,000	<5,000	<500	<500	<500	<2,500	<2,500	<2,500	1,400 J	<10,000	<2,500	<2,500	9,700	<2,500	-
MW0512-1	03/24/16	<500	<500	63,000	<2,500	1,900	4,200	820 J	160 J	<5,000	<5,000	<5,000	<500	<500	<500	<2,500	<2,500	<2,500	2,400 J	<10,000	<2,500	930 J	11,000	<2,500	-
MW0512-1	06/22/16	<180	<180	100,000	<700	3,400	4,700	1,100 J	320 J	<1,900	<1,000	<1,500	<160	<190	<130	<700	<700	<700	2,500	<400	<700	980 J	14,000	1,100 J	-
MW0512-1	09/28/16	<90	<88	26,000	<350	800	800 J	<350	<84	<970	<500	<730	<80	<96	<67	<350	<350	<350	680 J	<200	<350	<350	2,300	<350	-
MW0512-1	12/22/16	<90	420	44,000	<350	670	830 J	<350	<84	<970	<500	<730	<80	<96	<67	<350	<350	<350	750 J	<200	<350	<350	2,100	<350	-
MW0512-1	03/21/17	<90	210 J	46,000	<350	1,000	1,600	430 J	130 J	<970	<500	<730	<80	<96	<67	<350	<350	<350	1,200	<200	<350	480 J	5,000	<350	-
MW0512-1	06/28/17	<90	<88	87,000	<350	1,600	4,000	860 J	210 J	<970	<500	<730	<80	<96	<67	<350	420 J	<350	1,500	<200	<350	620 J	9,000	750 J	-
MW0512-1	09/26/17	<180	260 J	60,000	<700	1,600	2,100 J	710 J	<170	<1,900	<1,000	<1,500	<160	<190	<130	<700	<700	<700	1,100 J	<400	<700	<700	4,100	<700	-
MW0512-1	12/19/17	<45	150	29,000	<180	690	980	280 J	48 J	<480	<250	<360	<40	<48	<34	<180	230 J	<180	920	<99	<180	390 J	2,300	<180	-
MW0512-1	04/03/18	<45	130	23,000	<180	890	890	280 J	46 J	<480	<250	<360	<40	<48	<34	<180	220 J	<180	820	<99	<180	300 J	2,800	<180	-
MW0512-1	06/15/18	<90	<88	39,000	400 J	800	2,200	410 J	94 J	<970	<500	<730	<80	<96	<67	<350	<350	<350	1,300	<200	<350	540 J	4,900	<350	-
MW0512-1	09/24/18	28	76	86,000	470	2,800	3,000	980	190	<97	<50	<73	13 J	<9.6	<6.7	<35	290	<35	1,200	<20	<35	490	5,800	450	-
MW0512-1	12/19/18	<120	120	28,000	<620	810	820	310 J	45 J	<1,200	<1,200	<1,200	<120	<120	<120	<620	190 J	<620	740	<2,500	<620	270 J	1,800	<620	-
MW0512-1	03/27/19	<100	120	37,000	200 J	1,600	2,100	550	100	<1,000	<1,000	<1,000	<100	<100	<100	<500	350 J	<500	1,300	<2,000	<500	520	5,200	320 J	-
MW0512-1	06/27/19	<120	140	36,000	180 J	1,400	2,000	400 J	100 J	<1,200	<1,200	<1,200	<120	<120	<120	<620	340 J	<620	1,400	<2,500	<620	470 J	4,400	310 J	-
MW0512-1	09/24/19	<250	<250	72,000	<1,200	3,800	3,800	960 J	200 J	<2,500	<2,500	<2,500	<250	<250	<250	<1,200	470 J	<1,200	1,800	<5,000	<1,200	880 J	8,000	540 J	-
MW0512-1	12/19/19	<50	140	13,000	93 J	1,400	200 J	130 J	17 J	<500	<500	<500	<50	<50	<50	<250	100 J	<250	400	<1,000	<250	160 J	1,200	<250	-
MW0512-1	03/24/20	<100	80 J	34,000	190 J	1,800	2,100	480 J	100	<1,000	<1,000	<1,000	<100	<100	<100	<500	400 J	<500	1,500	<2,000	<500	590	5,400	320 J	-
MW0512-1	06/23/20	<120	50 J	33,000	320 J	2,600	3,900	910	200	<1,200	<1,200	<1,200	<120	<120	<120	<620	580 J	<620	2,100	<2,500	<620	800	9,800	540 J	-
MW0512-1	09/22/20	<250	<250	82,000	440 J	5,500	2,500	1,100 J	150 J	<2,500	<2,500	<2,500	<250	<250	<250	<1,200	<1,200	<1,200	970 J	<5,000	<1,200	390 J	7,400	450 J	-
MW0512-1	12/15/20	<120	100 J	36,000	230 J	1,100	520 J	400 J	46 J	<1,200	<1,200	<1,200	<120	<120	<120	<620	190 J	<620	660	<2,500	<620	270 J	1,300	<620	-
MW0512-1	03/30/21	<120	92 J	35,000	<620	1,400	1,300	540 J	57 J	<1,200	<1,200	<1,200	<120	<120	<120	<620	230 J	<620	800	<2,500	<620	300 J	2,900	180 J	-

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 6
Summary of AOC-4 Groundwater Monitoring Results

Sampling Location	Sampling Date	Tetrachloroethene	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1,1-Trichloroethane	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	4-Methyl-2-pentanone (Methyl isobutyl ketone) (MIBK)	Acetone	Benzene	Bromodichloromethane	Carbon tetrachloride	Chloroform (Trichloromethane)	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl cyclohexane	Methylene chloride	o-Xylene	Toluene	Trichlorofluoromethane (CFC-11)	Xylenes (total)
	Criteria	5	5	5	5	2	5	5	5	50	ug/L	50	1	50	5	7	5	5	5		ug/L	5	5	5	5
MW09111-1	10/10/11	<200	790	8,400	<200	740	160	140	<200	<2,000	<1,000	<2,000	<200	<200	<200	<200	240	-	790	-	<200	430	330	-	1,200
MW09111-1	10/26/11	<100	630	7,400	<100	650	150	130	<100	<1,000	<500	<1,000	<100	<100	<100	<100	180	-	690	-	<100	290	220	-	980
MW09111-1	03/20/13	<20	410	15,000	46	1,200	240	200	60	<200	<100	<200	<20	<20	<20	<20	360	<20	-	<20	<20	-	450	170	1,700
MW09111-1	06/18/13	<100	610	7,300	<100	510	<100	83 J	<100	<1,000	<500	<1,000	<100	<100	<100	<100	<100	<100	-	<100	<100	-	100	<100	160 J
MW09111-1	09/18/13	<100	520	15,000	<100	1,100	200	140	58 J	<1,000	<500	<1,000	<100	<100	<100	<100	370	<100	-	<100	<100	-	520	180	2,000
MW09111-1	12/17/13	<400	240 J	25,000	<400	1,800	390 J	300 J	<400	<4,000	<2,000	<4,000	<400	<400	<400	<400	490	<400	-	<400	<400	-	720	<400	2,500
MW09111-1	03/25/14	<200	510	12,000	<200	850	<200	120 J	<200	<2,000	<1,000	<2,000	<200	<200	<200	<200	<200	<200	-	<200	<200	-	160 J	<200	310 J
MW09111-1	06/25/14	<200	390	10,000	<200	980	170 J	140 J	<200	<2,000	<1,000	<2,000	<200	<200	<200	<200	290	<200	-	<200	<200	-	350	<200	1,400
MW09111-1	09/24/14	<7.5	280	13,000	51 J	1,000	150	150	52 J	<21	<17	<31	<5	<8	<12	<6.3	200	7.8 J	730	<6.8	<8	290	250	73 J	-
MW09111-1	12/04/14	<30	29 J	12,000	<33	1,200	<36	150	<57	<81	<67	<130	<20	<32	<45	<25	27 J	<20	85 J	<27	<60	35 J	110	<20	-
MW09111-1	03/23/15	<30	97 J	16,000	67 J	1,300	170	240	<57	<81	<67	<130	<20	<32	<45	<25	90 J	<20	330	<27	<60	130	230	71 J	-
MW09111-1	06/29/15	<30	90 J	15,000	54 J	1,300	270	180	63 J	<81	<67	<130	<20	<32	<45	200	390	<20	1,400	<27	<60	570	500	150	-
MW09111-1	09/24/15	<50	300	12,000	<250	1,500	130 J	150 J	46 J	<500	<500	<500	<50	<50	<50	<250	160 J	<250	620	<1,000	<250	240 J	290	<250	-
MW09111-1	12/21/15	<100	<100	8,100	<500	1,000	<500	<500	<100	<1,000	<1,000	<1,000	<100	<100	<100	<500	<500	<500	<2,000	<500	<500	<500	<500	<500	-
MW09111-1	03/24/16	<50	<50	8,500	<250	850	110 J	110 J	19 J	<500	<500	<500	<50	<50	<50	<250	150 J	<250	530	<1,000	<250	210 J	150 J	<250	-
MW09111-1	06/22/16	<18	36 J	8,800	<70	940	<70	96 J	24 J	<190	<100	<150	<16	<19	<13	<70	<70	<70	150 J	<40	<70	<70	<70	<70	-
MW09111-1	09/28/16	<36	<35	9,000	<140	1,200	<140	<140	<34	<390	<200	<290	<32	<38	<27	<140	<140	<140	<140	<79	<140	<140	<140	<140	-
MW09111-1	12/22/16	<72	<70	23,000	<280	3,000	330 J	<280	<68	<780	<400	<580	<64	<77	<54	<280	530 J	<280	2,000	<160	<280	800 J	690 J	<280	-
MW09111-1	03/21/17	<36	48 J	17,000	<140	2,100	190 J	160 J	42 J	<390	<200	<290	<32	<38	<27	<140	340 J	<140	1,400	<79	<140	560	400 J	<140	-
MW09111-1	06/28/17	9.3 J	97	5,800	<35	1,600	220	140	29	<97	<50	<73	<8	<9.6	<6.7	<35	510	<35	2,100	<20	<35	760	420	120	-
MW09111-1	09/26/17	<18	95	13,000	<70	1,500	140 J	140 J	36 J	<190	<100	<150	<16	<19	<13	<70	220 J	<70	790	<40	<70	340	250	<70	-
MW09111-1	12/19/17	<18	19 J	12,000	<70	1,300	260	130 J	33 J	<190	<100	<150	<16	<19	<13	<70	470	<70	1,800	<40	<70	760	420	120 J	-
MW09111-1	04/03/18	<18	36 J	6,400	<70	930	100 J	86 J	<17	<190	<100	<150	<16	<19	<13	<70	180 J	<70	630	<40	<70	240 J	200 J	<70	-
MW09111-1	06/15/18	<7.2	66	3,300	28 J	580	47 J	44 J	15 J	<78	<40	<58	<6.4	<7.7	<5.4	<28	120	<28	480	<16	<28	200	88 J	<28	-
MW09111-1	09/24/18	<1.8	17	2,300	9.7 J	1,700	15 J	68	17	<19	<10	<15	<1.6	<1.9	1.9 J	<7	18 J	<7	35	<4	<7	17 J	15 J	<7	-
MW09111-1	12/19/18	<5.0	2.0 J	1,100	<25	160	13 J	15 J	2.2 J	<50	<50	<50	<5.0	<5.0	<5.0	<25	21 J	<25	53	<100	<25	23 J	16 J	<25	-
MW09111-1	03/27/19	<12	7.9 J	3,700	<62	800	41 J	54 J	12	<120	<120	<120	<12	<12	<12	<62	50 J	<62	140	<250	<62	58 J	54 J	20 J	-
MW09111-1	06/27/19	<10	40	2,600	<50	640	30 J	36 J	16	<100	<100	<100	<10	<10	<10	<50	36 J	<50	120	<200	<50	45 J	42 J	15 J	-
MW09111-1	09/24/19	<10	44	2,700	<50	960	<50	44 J	18	<100	<100	<100	<10	<10	<10	<50	<50	<50	14 J	<200	<50	<50	<50	<50	-
MW09111-1	12/19/19	<2.5	5.9	480	<12	240	5.2 J	8.7 J	3.7	<25	<25	<25	<2.5	<2.5	<2.5	<12	8.6 J	<12	20	<50	<12	8.2 J	7.4 J	<12	-
MW09111-1	03/24/20	<1.2	10	440	2.3 J	190	6.6	12	2.7	<12	<12	<12	0.64 J	<1.2	<1.2	<6.2	12	<6.2	25	<25	<6.2	9.9	7.1	2.9 J	-
MW09111-1	06/23/20	<10	60	1,800	<50	780	<50	32 J	14	<100	<100	<100	<10	<10	<10	<50	<50	<50	<200	<50	<50	<50	<50	<50	-
MW09111-1	09/22/20	<12	20	3,400	<62	1,500	<62	54 J	16	<120	<120	<120	<12	<12	<12	<62	<62	<62	<62	<250	<62	<62	<62	<62	-
MW09111-1	12/15/20	0.26 J	14	2,700	22	1,100	1.1 J	69	15	<5.0	<5.0	<5.0	0.80	<0.50	<0.50	<2.5	8.6	<2.5	4.4	<10	<2.5	0.99 J	3.9	<2.5	-
MW09111-1	03/30/21	<0.50	0.53	22	<2.5	6.0	<2.5	0.81 J	<0.50	<5.0	<5.0	3.1 J	<0.50	<0.50	<0.50	<2.5	<2.5	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.5	-

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 7
Summary of AOC-5 Groundwater Monitoring Results

AOC-5															
Sampling Location	Sampling Date	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	Acetone	Benzene	Carbon disulfide	Chloroethane	Chloroform (Trichloromethane)	Methyl cyclohexane	Toluene
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Criteria	5	5	5	2	5	5	50	50	1	60	5	7		5
MW0610-1	08/08/11	820	2,600	<40	610	-	<40	-	-	-	-	-	-	-	-
MW0610-1	09/29/11	29	890	<10	130	-	-	-	-	-	-	-	-	-	-
MW0610-1	10/26/11	12	1,400	<20	450	-	-	-	-	-	-	-	-	-	-
MW0610-1	03/23/12	3.7	260	2.2	150	-	1.6	610	1,100	-	0.93 J	-	-	-	2.1
MW0610-1	06/20/12	<10	560	<10	290	<10	<10	120	210	<10	4 J	<10	<10	<10	<10
MW0610-1	09/26/12	<5	330	<5	400	<5	<5	<50	<50	<5	5.6	<5	<5	<5	<5
MW0610-1	12/21/12	2.5 J	220	<5	170	<5	<5	<50	<50	<5	<5	<5	<5	<5	7.3
MW0610-1	03/21/13	2.3 J	200	<5	220	<5	<5	<50	<50	<5	<5	<5	<5	<5	3.9 J
MW0610-1	09/19/13	<5	250	<5	250	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5
MW0610-1	12/18/13	1.3	86	<1	92	<1	<1	<10	<10	<1	<1	<1	<1	<1	1.3
MW0610-1	03/26/14	1.8	89	<1	82	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1
MW0610-1	06/26/14	0.59 J	46	<1	49	<1	<1	<10	<10	<1	<1	<1	<1	<1	<1
MW0610-1	09/24/14	0.27 J	31	0.34 J	32	<0.2	<0.57	<0.81	<1.3	<0.2	<0.22	0.46 J	<0.25	<0.27	<0.2
MW0610-1	12/05/14	0.37 J	33	0.36 J	36	<0.2	<0.57	<0.81	<1.3	<0.2	<0.22	<0.24	<0.25	<0.27	<0.2
MW0610-1	03/23/15	0.25 J	11	<0.33	17	<0.2	<0.57	<0.81	<1.3	<0.2	<0.22	<0.24	<0.25	<0.27	<0.2
MW0610-1	06/29/15	<0.22	4.2	<0.33	6.2	<0.2	<0.57	<0.81	<1.3	<0.2	<0.22	<0.24	<0.25	<0.27	<0.2
MW0610-1	09/24/15	<0.5	3.3	<2.5	7.2	<2.5	<0.5	<5	<5	<0.5	<5	0.83 J	<2.5	<10	<2.5
MW0610-1	12/21/15	<0.5	9.7	<2.5	19	<2.5	<0.5	<5	<5	<0.5	<5	<2.5	<2.5	<10	<2.5
MW0610-1	03/24/16	0.5	6.8	<2.5	7.7	<2.5	<0.5	<5	<5	0.23 J	<5	<2.5	1.3 J	<10	<2.5
MW0610-1	06/22/16	0.37 J	24	<0.7	38	<0.7	<0.14	<1.9	1.9 J	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0610-1	09/28/16	0.24 J	11	<0.7	21	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0610-1	12/22/16	0.4 J	24	<0.7	31	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0610-1	03/21/17	0.57	22	<0.7	36	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0610-1	06/28/17	0.32 J	15	<0.7	24	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0610-1	09/26/17	0.41 J	22	<0.7	26	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0610-1	12/19/17	0.33 J	17	<0.7	20	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0610-1	04/03/18	0.3 J	14	<0.7	19	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0610-1	06/15/18	0.46 J	18	<0.7	16	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0610-1	09/24/18	0.41 J	34	<0.7	42	<0.7	<0.17	<1.9	<1.5	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0610-1	12/19/18	0.40 J	30	<2.5	42	<2.5	<0.50	<5.0	<5.0	<0.50	<5.0	<2.5	<2.5	<10	<2.5
MW0610-1	03/27/19	0.46 J	33	<2.5	46	<2.5	<0.50	<5.0	<5.0	<0.50	<5.0	<2.5	<2.5	<10	<2.5
MW0610-1	06/27/19	2.0	49	<2.5	44	<2.5	0.21 J	<5.0	<5.0	<0.50	<5.0	<2.5	<2.5	<10	<2.5
MW0610-1	09/24/19	2.5	58	<2.5	80	<2.5	0.21 J	<5.0	2.7 J	<0.50	<5.0	<2.5	<2.5	<10	<2.5
MW0610-1	12/19/19	1.9	51	<2.5	83	<2.5	0.18 J	<5.0	<5.0	<0.50	<5.0	<2.5	<2.5	<10	<2.5
MW0610-1	03/24/20	2.0	48	<2.5	68	<2.5	0.18 J	<5.0	2.5 J	<0.50	<5.0	<2.5	<2.5	<10	<2.5
MW0610-1	06/23/20	2.5	65	<2.5	80	<2.5	<0.50	<5.0	<5.0	<0.50	<5.0	<2.5	<2.5	<10	<2.5
MW0610-1	09/22/20	2.4	61	0.74 J	88	<2.5	0.23 J	<5.0	1.9 J	<0.50	<5.0	<2.5	<2.5	2.3 J	<2.5
MW0610-1	12/15/20	3.2	83	0.86 J	110	<2.5	0.31 J	<5.0	<5.0	<0.50	<5.0	<2.5	<2.5	<10	<2.5
MW0610-1	03/30/21	2.5	93	0.99 J	150	<2.5	0.29 J	<5.0	1.6 J	<0.50	<5.0	<2.5	<2.5	<10	<2.5

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Table 7
Summary of AOC-5 Groundwater Monitoring Results

Sampling Location	Sampling Date	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	Acetone	Benzene	Carbon disulfide	Chloroethane	Chloroform (Trichloromethane)	Methyl cyclohexane	Toluene
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Criteria	5	5	5	2	5	5	50	50	1	60	5	7		5
MW0811-1	08/08/11	99	6,300	<100	800	-	<100	-	-	-	-	-	-	-	-
MW0811-1	09/29/11	<20	670	47	1,500	-	-	-	-	-	-	-	-	-	-
MW0811-1	10/26/11	<10	580	33	670	-	-	-	-	-	-	-	-	-	-
MW0811-1	03/23/12	2.4	1,100	7.3	350	-	1.2	<1	4.9 J	0.49 J	0.7 J	2.1	-	0.44 J	-
MW0811-1	06/20/12	<10	670	<10	370	<10	<10	120	42 J	<10	<10	<10	<10	<10	<10
MW0811-1	09/26/12	<10	570	<10	350	<10	<10	96 J	48 J	<10	<10	<10	<10	<10	<10
MW0811-1	12/21/12	<10	510	<10	130	<10	<10	<100	<100	<10	8.7 J	<10	<10	<10	<10
MW0811-1	03/21/13	<10	490	<10	280	<10	<10	<100	<100	<10	<10	<10	<10	<10	<10
MW0811-1	06/19/13	<10	460	<10	180	<10	<10	<100	<100	<10	<10	<10	<10	<10	<10
MW0811-1	09/19/13	<10	420	<10	140	<10	<10	<100	<100	<10	2.7 J	<10	<10	<10	<10
MW0811-1	12/18/13	<5	340	<5	180	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5
MW0811-1	03/26/14	<5	320	<5	190	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5
MW0811-1	06/26/14	<5	420	<5	220	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5
MW0811-1	09/24/14	0.53 J	290	1.4 J	160	<0.2	<0.57	<0.81	1.7 J	<0.2	0.75 J	<0.24	<0.25	<0.27	<0.2
MW0811-1	12/05/14	0.6 J	270	1.5 J	160	<0.5	<1.5	<2.1	<3.1	<0.5	<0.55	<0.6	<0.63	0.83 J	<0.5
MW0811-1	03/23/15	0.62 J	290	2.2	290	<0.4	<1.2	<1.7	4.3 J	<0.4	<0.44	<0.48	<0.5	<0.54	<0.4
MW0811-1	06/29/15	<0.44	290	4.4	370	<0.4	<1.2	<1.7	<2.5	<0.4	<0.44	<0.48	0.78 J	<0.54	<0.4
MW0811-1	09/24/15	<2	260	<10	400	<10	<2	<20	8.1 J	<2	<20	<10	<10	<40	<10
MW0811-1	12/21/15	<2.5	210	<12	300	<12	<2.5	<25	<25	<2.5	<25	<12	<12	<50	<12
MW0811-1	03/24/16	0.4 J	190	<5	240	<5	0.31 J	<10	<10	0.33 J	2.2 J	<5	<5	0.99 J	<5
MW0811-1	06/22/16	<0.35	170	<1.4	470	<1.4	0.3 J	<3.9	<2.9	<0.32	<2	<1.4	<1.4	<0.79	<1.4
MW0811-1	09/28/16	<0.7	180	<2.8	380	<2.8	<0.68	<7.8	<5.8	<0.64	<4	<2.8	<2.8	<1.6	<2.8
MW0811-1	12/22/16	<0.44	160	<1.8	670	<1.8	<0.42	<4.8	<3.6	<0.4	<2.5	<1.8	<1.8	<0.99	<1.8
MW0811-1	03/21/17	<0.88	200	<3.5	940	<3.5	<0.84	<9.7	<7.3	<0.8	<5	<3.5	<3.5	<2	<3.5
MW0811-1	06/28/17	<1.8	130	<7	730	<7	<1.7	<19	<15	<1.6	<10	<7	<7	<4	<7
MW0811-1	09/26/17	0.2 J	190	0.94 J	380	<0.7	0.27 J	<1.9	<1.5	<0.16	<1	<0.7	<0.7	<0.4	<0.7
MW0811-1	12/19/17	<0.88	130	<3.5	400	<3.5	<0.84	<9.7	<7.3	<0.8	<5	<3.5	<3.5	<2	<3.5
MW0811-1	04/03/18	<1.8	130	<7	640	<7	<1.7	<19	<15	<1.6	<10	<7	<7	<4	<7
MW0811-1	06/15/18	<0.88	77	<3.5	330	<3.5	<0.84	<9.7	<7.3	<0.8	<5	<3.5	<3.5	<2	<3.5
MW0811-1	09/24/18	<0.44	71	<1.8	560	<1.8	<0.42	<4.8	<3.6	<0.4	<2.5	<1.8	<1.8	<0.99	<1.8
MW0811-1	12/19/18	<2.5	190	<12	700	<12	<2.5	<25	<25	<2.5	<25	<12	<12	<50	<12
MW0811-1	03/27/19	<2.0	130	<10	710	<10	<2.0	<20	<20	<2.0	<20	<10	<10	<40	<10
MW0811-1	06/27/19	<5.0	220	<25	1,000	<25	<5.0	<50	<50	<5.0	<50	<25	<25	<100	<25
MW0811-1	09/24/19	<2.5	100	<12	720	<12	<2.5	<25	<25	<2.5	<25	<12	<12	<50	<12
MW0811-1	12/19/19	<5.0	240	<25	1,300	<25	<5.0	<50	<50	<5.0	<50	<25	<25	<100	<25
MW0811-1	03/24/20	<2.5	190	<12	930	<12	<2.5	<25	<25	<2.5	<25	<12	<12	<50	<12
MW0811-1	06/23/20	<2.5	94	<12	740	<12	<2.5	<25	<25	<2.5	<25	<12	<12	<50	<12
MW0811-1	09/22/20	<5.0	120	<25	840	<25	<5.0	<50	<50	<5.0	<50	<25	<25	<100	<25
MW0811-1	12/15/20	<2.5	240	<12	990	<12	<2.5	<25	<25	<2.5	<25	<12	<12	<50	<12
MW0811-1	03/30/21	<5.0	230	<25	1,200	<25	<5.0	<50	<50	<5.0	<50	<25	<25	<100	<25

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 7
Summary of AOC-5 Groundwater Monitoring Results

Sampling Location	Sampling Date	Trichloroethene	cis-1,2-Dichloroethene	trans-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	Acetone	Benzene	Carbon disulfide	Chloroethane	Chloroform (Trichloromethane)	Methyl cyclohexane	Toluene
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Criteria	5	5	5	2	5	5	50	50	1	60	5	7		5
MW-63	08/08/11	<1	61	<1	<1	-	<1	-	-	-	-	-	-	-	-
MW-63	09/29/11	2.3	180	<4	23	-	-	-	-	-	-	-	-	-	-
MW-63	10/26/11	<2	97	9.8	79	-	-	-	-	-	-	-	-	-	-
MW-63	03/23/12	1.2	230	2.6	150	0.61	0.61	460	48	-	0.93	-	-	-	-
MW-63	06/20/12	3.4 J	540	<4	330	<4	<4	<40	<40	<4	<4	<4	<4	<4	<4
MW-63	09/26/12	<4	280	<4	180	<4	<4	<40	<40	<4	<4	<4	<4	<4	<4
MW-63	12/21/12	2.4 J	300	<4	130	<4	<4	<40	<40	<4	<4	<4	<4	<4	<4
MW-63	03/21/13	2.3 J	500	<4	300	<4	<4	<40	<40	<4	<4	<4	<4	<4	<4
MW-63	06/19/13	<8	490	<8	330	<8	<8	<80	<80	<8	<8	<8	<8	<8	<8
MW-63	09/19/13	<8	380	<8	220	<8	<8	<80	<80	<8	<8	<8	<8	<8	<8
MW-63	12/18/13	<5	320	<5	190	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5
MW-63	03/26/14	2.3 J	500	<5	310	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5
MW-63	06/26/14	<5	480	<5	290	<5	<5	<50	<50	<5	<5	<5	<5	<5	<5
MW-63	09/24/14	0.87 J	230	1.4 J	150	0.9 J	<0.57	<0.81	<1.3	<0.2	<0.22	<0.24	<0.25	<0.27	0.37 J
MW-63	12/05/14	0.96 J	260	2	180	0.9 J	<1.2	<1.7	<2.5	<0.4	<0.44	<0.48	<0.5	<0.54	<0.4
MW-63	03/23/15	1.4 J	360	4.1	260	1.1 J	<1.2	<1.7	<2.5	<0.4	<0.44	<0.48	<0.5	<0.54	<0.4
MW-63	06/29/15	0.96 J	320	7	230	0.9 J	<1.2	<1.7	<2.5	<0.4	<0.44	<0.48	0.58 J	<0.54	<0.4
MW-63	09/24/15	<2	240	<10	270	<10	<2	<20	7.7 J	<2	<20	<10	<10	<40	<10
MW-63	12/21/15	<1.2	160	<6.2	190	<6.2	<1.2	<12	<12	<1.2	<12	<6.2	<6.2	<25	<6.2
MW-63	03/24/16	<2	280	<10	260	<10	0.58 J	<20	<20	<2	<20	<10	<10	1.8 J	<10
MW-63	06/22/16	<0.88	430	<3.5	440	<3.5	<0.71	<9.7	<7.3	<0.8	<5	<3.5	<3.5	<2	<3.5
MW-63	09/28/16	<0.7	260	<2.8	250	<2.8	<0.68	<7.8	<5.8	<0.64	<4	<2.8	<2.8	<1.6	<2.8
MW-63	12/22/16	<1.8	470	<7	360	<7	<1.7	<19	<15	<1.6	<10	<7	<7	<4	<7
MW-63	03/21/17	<1.8	440	<7	410	<7	<1.7	<19	<15	<1.6	<10	<7	<7	<4	<7
MW-63	06/28/17	<0.18	<0.7	<0.7	<0.07	<0.7	<0.17	<1.9	<1.5	1.2	<1	<0.7	<0.7	45	<0.7
MW-63	09/26/17	0.44 J	270	<1.4	270	<1.4	0.55 J	<3.9	<2.9	<0.32	<2	<1.4	<1.4	<0.79	<1.4
MW-63	12/19/17	0.52 J	300	<1.8	230	<1.8	0.62 J	<4.8	<3.6	<0.4	<2.5	<1.8	<1.8	<0.99	<1.8
MW-63	04/03/18	<0.88	360	<3.5	370	<3.5	0.92 J	<9.7	<7.3	<0.8	<5	<3.5	<3.5	<2	<3.5
MW-63	06/15/18	<0.88	310	<3.5	240	<3.5	<0.84	<9.7	<7.3	<0.8	<5	<3.5	<3.5	<2	<3.5
MW-63	09/24/18	<0.44	280	<1.8	290	<1.8	0.52 J	<4.8	<3.6	<0.4	<2.5	<1.8	<1.8	<0.99	<1.8
MW-63	12/19/18	<1.2	260	<6.2	260	<6.2	0.66 J	<12	<12	<1.2	<12	<6.2	<6.2	<25	<6.2
MW-63	03/27/19	0.27 J	280	1.1 J	300	0.98 J	0.63	<5.0	<5.0	<0.50	<5.0	<2.5	<2.5	<10	<2.5
MW-63	06/27/19	<1.2	300	<6.2	280	<6.2	0.76 J	<12	<12	<1.2	<12	<6.2	<6.2	<25	<6.2
MW-63	09/24/19	<1.0	200	<5.0	230	<5.0	0.43 J	<10	3.7 J	<1.0	<10	<5.0	<5.0	<20	<5.0
MW-63	12/19/19	<1.2	210	<6.2	330	<6.2	0.48 J	<12	<12	<1.2	<12	<6.2	<6.2	<25	<6.2
MW-63	03/24/20	<1.0	290	<5.0	320	<5.0	0.55 J	<10	<10	<1.0	<10	<5.0	<5.0	<20	<5.0
MW-63	06/23/20	<1.2	230	<6.2	260	<6.2	<1.2	<12	<12	<1.2	<12	<6.2	<6.2	<25	<6.2
MW-63	09/22/20	<0.50	150	0.82 J	210	1.1 J	0.31 J	<5.0	<5.0	<0.50	<5.0	<2.5	<2.5	<10	<2.5
MW-63	12/15/20	<1.0	240	<5.0	260	<5.0	0.61 J	<10	<10	<1.0	<10	<5.0	<5.0	<20	<5.0
MW-63	03/30/21	<1.2	280	<6.2	370	2.0 J	0.52 J	<12	3.6 J	<1.2	<12	<6.2	<6.2	<25	<6.2

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 8
Summary of Carbon Tet. Area Groundwater Monitoring Results

AOC-Carbon Tet Area																							
Sampling Location	Sampling Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	Acetone	Benzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chloroethane	Chloroform (Trichloromethane)	Cyclohexane	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl acetate	Methyl cyclohexane	o-Xylene	Toluene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Criteria	5	5	2	5	5	50	50	1	50	60	5	5	7		5	5	5			5	5	5
MW0610-4	08/05/11	<1	<1	<1	<1	<1	<10	<10	1.5	<1	<1	28	<1	30	-	<1	-	<2	-	-	<1	<1	<2
MW0610-4	09/29/11	<1	<1	<1	<1	<1	<10	<10	7.8	<1	0.63	<1	<1	<1	-	<1	-	1	-	-	<1	<1	1
MW0610-4	10/28/11	<1	<1	<1	<1	<1	<10	<10	5.2	<1	<1	<1	<1	<1	-	<1	-	<2	-	-	<1	<1	<2
MW0610-4	03/23/12	-	-	-	-	-	-	-	6	<1	1.2	<1	-	<1	25	-	-	-	-	210	-	-	-
MW0610-4	06/20/12	<4	<4	<4	<4	<4	<40	<40	6.6	<4	2 J	<4	<4	<4	38	<4	<4	-	<4	350	-	<4	<8
MW0610-4	09/26/12	<5	<5	<5	<5	<5	<50	<50	8.6	<5	<5	<5	<5	<5	240	<5	<5	-	<5	570	-	<5	<10
MW0610-4	12/20/12	<4	<4	<4	<4	<4	<40	<40	<4	<4	<4	<4	<4	<4	140	<4	<4	-	<4	230	-	<4	<8
MW0610-4	03/21/13	<2	<2	<2	<2	<2	<20	<20	5.7	1 J	<2	<2	<2	<2	<2	<2	<2	-	<2	140	-	<2	<4
MW0610-4	06/19/13	<2	<2	<2	<2	<2	<20	<20	4	<2	<2	<2	<2	<2	<2	<2	<2	-	<2	290	-	<2	<4
MW0610-4	09/19/13	<1	<1	<1	<1	<1	<10	<10	2.1	<1	<1	<1	<1	<1	42	<1	<1	-	<1	56	-	<1	<2
MW0610-4	12/18/13	<2	<2	<2	<2	<2	<20	<20	2.9	<2	0.87 J	<2	<2	<2	88	<2	<2	-	<2	95	-	<2	<4
MW0610-4	03/26/14	<2	<2	<2	<2	<2	<20	<20	4.2	<2	<2	<2	<2	<2	<2	<2	<2	-	<5	99	-	<2	<4
MW0610-4	06/26/14	<1	<1	<1	<1	<1	<10	<10	2.2	<1	0.66 J	<1	<1	<1	35	<1	<1	-	<2.5	50	-	<1	<2
MW0610-4	09/22/14	<1.1	<1.5	<1.6	<1	<2.9	<4.1	<6.2	3.4 J	<1.6	4 J	<2.3	<1.2	2.9 J	5.8 J	<1	<1	<1.7	<2.2	150	<1	<1	-
MW0610-4	12/05/14	<1.1	<1.5	<1.6	<1	<2.9	<4.1	<6.2	3.5 J	<1.6	<1.1	<2.3	<1.2	<1.3	<1.3	<1	<1	<1.7	<2.2	73	<1	<1	-
MW0610-4	03/23/15	<1.1	<1.5	<1.6	<1	<2.9	<4.1	7.7 J	3.6 J	<1.6	<1.1	<2.3	<1.2	<1.3	8.1	<1	<1	<1.7	<2.2	<1.4	<1	<1	-
MW0610-4	06/29/15	0.51 J	0.95 J	0.5 J	<0.2	<0.57	<0.81	2.9 J	54	<0.32	0.39 J	<0.45	<0.24	1.3	8.2	0.24 J	0.34 J	0.67 J	<0.43	15	0.36 J	2.1	-
MW0610-4	09/24/15	<1.2	<6.2	<2.5	<6.2	<1.2	<12	<12	3.3	<1.2	<12	<1.2	<6.2	<6.2	5.7 J	<6.2	<6.2	<6.2	<5	110	<6.2	<6.2	-
MW0610-4	12/21/15	<2	<10	<4	<10	<2	<20	<20	1.5 J	<2	<20	<2	<10	<10	2.4 J	<10	<10	<10	<8	11 J	<10	<10	-
MW0610-4	03/24/16	<0.5	<2.5	0.52 J	<2.5	<0.5	<5	<5	3.6	<0.5	13	<0.5	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2	22	<2.5	<2.5	-
MW0610-4	06/22/16	4.5	<0.7	<0.07	<0.7	<0.14	<1.9	2.5 J	2.6	<0.19	<1	<0.13	3.6	<0.7	3 J	<0.7	<0.7	<0.7	<0.23	12	<0.7	<0.7	-
MW0610-4	09/28/16	<0.18	<0.7	0.21 J	<0.7	<0.17	<1.9	<1.5	1.5	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	0.79 J	<0.23	41	<0.7	<0.7	-
MW0610-4	12/22/16	<0.7	<2.8	<0.28	<2.8	<0.68	<7.8	<5.8	0.93 J	<0.77	<4	<0.54	<2.8	<2.8	4.6 J	<2.8	<2.8	<2.8	<0.94	20 J	<2.8	<2.8	-
MW0610-4	03/21/17	<0.7	<2.8	<0.28	<2.8	<0.68	<7.8	<5.8	1.8 J	<0.77	<4	<0.54	<2.8	<2.8	2.4 J	<2.8	<2.8	<2.8	<0.94	42	<2.8	<2.8	-
MW0610-4	06/28/17	<0.18	8.7	9.4	<0.7	<0.17	<1.9	<1.5	19	<0.19	<1	<0.13	<0.7	<0.7	1.8 J	<0.7	<0.7	<0.7	<0.23	5.4 J	<0.7	<0.7	-
MW0610-4	09/26/17	<0.18	<0.7	0.45 J	<0.7	<0.17	<1.9	<1.5	1.3	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	9 J	<0.7	<0.7	-
MW0610-4	12/19/17	<1.8	<7	<0.71	<7	<1.7	<19	<15	<1.6	<1.9	<10	<1.3	<7	<7	<2.7	<7	<7	<7	<2.3	23 J	<7	<7	-
MW0610-4	04/03/18	<0.18	<0.7	<0.07	<0.7	<0.17	<1.9	<1.5	2.6	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	37	<0.7	<0.7	-
MW0610-4	06/15/18	<0.18	<0.7	<0.07	<0.7	<0.17	<1.9	<1.5	1	<0.19	1.4 J	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	33	<0.7	<0.7	-
MW0610-4	09/24/18	<0.18	1.2 J	0.53 J	<0.7	<0.17	<1.9	<1.5	0.88	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	35	<0.7	<0.7	-
MW0610-4	12/19/18	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	1.1	<0.50	<5.0	<0.50	<2.5	<2.5	1.4 J	<2.5	<2.5	<2.5	<2.0	42	<2.5	<2.5	-
MW0610-4	03/27/19	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	1.8	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	61	<2.5	<2.5	-
MW0610-4	06/27/19	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	1.2	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	60	<2.5	<2.5	-
MW0610-4	09/24/19	<2.0	<10	<4.0	<10	<2.0	<20	<20	0.88 J	<2.0	<20	<2.0	<10	<10	<40	<10	<10	<10	<8.0	36 J	<10	<10	-
MW0610-4	12/19/19	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	0.72	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	26	<2.5	<2.5	-
MW0610-4	03/24/20	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	1.3	<0.50	<5.0	<0.50	<2.5	<2.5	1.1 J	<2.5	<2.5	<2.5	1.1 J	17	<2.5	<2.5	-
MW0610-4	06/23/20	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	0.83	<0.50	<5.0	<0.50	<2.5	<2.5	1.0 J	<2.5	<2.5	<2.5	<2.0	5.0 J	<2.5	<2.5	-
MW0610-4	09/22/20	<0.50	<2.5	0.26 J	<2.5	<0.50	<5.0	<5.0	1.0	<0.50	<5.0	<0.50	<2.5	<2.5	0.84 J	<2.5	<2.5	<2.5	<2.0	9.6 J	<2.5	<2.5	-
MW0610-4	12/15/20	<0.50	<2.5	0.11 J	<2.5	<0.50	<5.0	<5.0	0.86	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	19	<2.5	<2.5	-
MW0610-4	03/30/21	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	1.4	<0.50	<5.0	<0.50	<2.5	<2.5	1.3 J	<2.5	<2.5	<2.5	<2.0	4.6 J	<2.5	<2.5	-

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<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
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Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 8
Summary of Carbon Tet. Area Groundwater Monitoring Results

Sampling Location	Sampling Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	Acetone	Benzene	Bromodichloromethane	Carbon disulfide	Carbon tetrachloride	Chloroethane	Chloroform (Trichloromethane)	Cyclohexane	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl acetate	Methyl cyclohexane	o-Xylene	Toluene	Xylenes (total)
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Criteria	5	5	2	5	5	50	50	1	50	60	5	5	7	-	5	5	5	-	-	5	5	5
MW0610-5	08/05/11	<1	6.3	11	<1	<1	<10	6.3	1.3	<1	0.8	11	<1	4	-	<1	-	<2	-	-	<1	<1	<2
MW0610-5	09/29/11	<1	25	9.9	<1	<1	<10	<10	21	<1	<1	<1	<1	<1	-	<1	-	1	-	-	<1	<1	1
MW0610-5	10/28/11	<1	21	8.2	<1	<1	<10	<10	19	<1	<1	<1	<1	<1	-	<1	-	1.1	-	-	<1	<1	1.1
MW0610-5	03/23/12	<1	16	7.6	0.43 J	-	-	-	34	-	<1	<1	-	<1	23	-	-	-	-	37	-	-	1.2 J
MW0610-5	06/19/12	<1	15	7.5	<1	<1	<10	<10	21	<1	0.51 J	<1	<1	<1	3.9	<1	<1	-	<1	8	-	<1	1 J
MW0610-5	09/26/12	<1	11	7.5	<1	<1	<10	5.1 J	28	<1	5	<1	<1	<1	54	<1	<1	-	<1	180	-	<1	1.4 J
MW0610-5	12/20/12	<1	20	8.2	0.52 J	<1	<10	<10	25	<1	0.8 J	<1	<1	<1	3.1	<1	<1	-	4.2	19	-	<1	0.96 J
MW0610-5	03/21/13	<1	25	10	0.48 J	<1	<10	<10	24	<1	0.61 J	<1	<1	<1	2.4	<1	<1	-	<1	4.4	-	<1	0.78 J
MW0610-5	06/19/13	0.5 J	8.6	6.9	0.39 J	<1	<10	<10	34	<1	1.2	<1	<1	<1	30	<1	<1	-	<1	22	-	<1	1.3 J
MW0610-5	09/19/13	<1	18	8.7	<1	<1	<10	3.8 J	22	<1	<1	<1	<1	<1	19	<1	<1	-	<1	52	-	<1	0.86 J
MW0610-5	12/18/13	<1	14	8.9	<1	<1	<10	<10	19	<1	1.9	<1	<1	<1	30	<1	<1	-	<1	72	-	<1	<2
MW0610-5	03/26/14	<1	16	8.3	<1	<1	<10	<10	21	<1	<1	<1	<1	<1	8	<1	<1	-	<2.5	3.9	-	<1	<2
MW0610-5	06/26/14	<1	15	9	<1	<1	<10	<10	23	<1	0.35 J	<1	<1	<1	16	<1	<1	-	<2.5	28	-	<1	0.7 J
MW0610-5	09/22/14	<1.1	2.4 J	<1.6	<1	<2.9	<4.1	<6.2	36	<1.6	5.7 J	<2.3	<1.2	2 J	40 J	<1	<1	1.8 J	<2.2	140	<1	<1	-
MW0610-5	12/05/14	<1.1	12	8.7	<1	<2.9	<4.1	<6.2	14	<1.6	<1.1	<2.3	<1.2	<1.3	1.9 J	<1	<1	<1.7	<2.2	2.1 J	<1	<1	-
MW0610-5	03/23/15	<1.1	7.5	3.8 J	<1	<2.9	<4.1	<6.2	13	<1.6	<1.1	<2.3	<1.2	<1.3	7.8	<1	<1	<1.7	<2.2	21	<1	<1	-
MW0610-5	06/29/15	0.22 J	4.6	2.8	0.24 J	<0.57	<0.81	<1.3	27	<0.32	0.32 J	<0.45	<0.24	<0.25	18	0.64 J	<0.2	1.2 J	<0.43	74	0.34 J	0.22 J	-
MW0610-5	09/24/15	<0.5	9.9	9.1	<2.5	<0.5	<5	<5	22	<0.5	<5	<0.5	<2.5	<2.5	17	<2.5	<2.5	0.97 J	<2	60	<2.5	<2.5	-
MW0610-5	12/21/15	<0.5	12	<1	<2.5	<0.5	<5	<5	18	<0.5	<5	<0.5	<2.5	<2.5	22	<2.5	<2.5	0.98 J	<2	41	<2.5	<2.5	-
MW0610-5	03/24/16	<0.5	12	8	<2.5	<0.5	<5	<5	15	<0.5	10	<0.5	<2.5	<2.5	<10	<2.5	<2.5	0.86 J	<2	4.8 J	<2.5	<2.5	-
MW0610-5	06/22/16	1.2	11	11	<0.7	<0.14	<1.9	1.5 J	18	<0.19	<1	<0.13	<0.7	<0.7	4.7 J	<0.7	<0.7	0.85 J	<0.23	5.6 J	<0.7	<0.7	-
MW0610-5	09/28/16	<0.18	12	10	<0.7	<0.17	<1.9	4.6 J	23	<0.19	<1	<0.13	<0.7	<0.7	3.2 J	<0.7	<0.7	0.72 J	<0.23	5.9 J	<0.7	<0.7	-
MW0610-5	12/22/16	<0.18	10	9.6	<0.7	<0.17	<1.9	<1.5	22	<0.19	<1	<0.13	<0.7	<0.7	18	<0.7	<0.7	0.85 J	<0.23	40	<0.7	<0.7	-
MW0610-5	03/21/17	<0.18	8.3	5.6	<0.7	<0.17	<1.9	<1.5	8.1	<0.19	<1	<0.13	<0.7	<0.7	1.7 J	<0.7	<0.7	0.72 J	<0.23	7.8 J	<0.7	<0.7	-
MW0610-5	06/28/17	<0.18	<0.7	<0.07	<0.7	<0.17	<1.9	<1.5	0.49 J	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	11	<0.7	<0.7	-
MW0610-5	09/26/17	1.1	12	14	<0.7	<0.17	<1.9	<1.5	20	<0.19	<1	<0.13	<0.7	<0.7	5.5 J	<0.7	<0.7	0.88 J	<0.23	6.6 J	<0.7	<0.7	-
MW0610-5	12/19/17	0.98	13	13	<0.7	<0.17	<1.9	<1.5	17	<0.19	<1	<0.13	<0.7	<0.7	3.8 J	<0.7	<0.7	<0.7	<0.23	7.5 J	<0.7	<0.7	-
MW0610-5	04/03/18	<0.18	8.5	7.3	<0.7	<0.17	<1.9	<1.5	11	<0.19	<1	<0.13	<0.7	<0.7	8.5 J	<0.7	<0.7	<0.7	<0.23	44	<0.7	<0.7	-
MW0610-5	06/15/18	<0.18	8.5	6.4	<0.7	<0.17	<1.9	1.7 J	16	<0.19	2 J	<0.13	<0.7	<0.7	5.1 J	<0.7	<0.7	<0.7	<0.23	25	<0.7	<0.7	-
MW0610-5	09/24/18	<0.18	10	9	<0.7	<0.17	<1.9	<1.5	14	<0.19	<1	<0.13	<0.7	<0.7	4.2 J	<0.7	<0.7	0.74 J	<0.23	7.6 J	<0.7	<0.7	-
MW0610-5	12/19/18	<0.50	11	9.2	<2.5	<0.50	<5.0	<5.0	14	<0.50	<5.0	<0.50	<2.5	<2.5	2.7 J	<2.5	<2.5	<2.5	<2.0	7.4 J	<2.5	<2.5	-
MW0610-5	03/27/19	<0.50	9.8	6.5	<2.5	<0.50	<5.0	2.0 J	11	<0.50	<5.0	<0.50	<2.5	<2.5	6.0 J	<2.5	<2.5	<2.5	<2.0	41	<2.5	<2.5	-
MW0610-5	06/27/19	<0.50	12	7.1	<2.5	<0.50	<5.0	2.7 J	20	<0.50	1.0 J	<0.50	<2.5	<2.5	11	<2.5	<2.5	<2.5	<2.0	51	<2.5	<2.5	-
MW0610-5	09/24/19	1.2	16	12	<2.5	<0.50	<5.0	3.4 J	20	<0.50	<5.0	<0.50	<2.5	<2.5	3.7 J	<2.5	<2.5	1.0 J	<2.0	8.9 J	0.82 J	<2.5	-
MW0610-5	12/19/19	<0.50	6.8	5.7	<2.5	<0.50	<5.0	<5.0	10	<0.50	<5.0	<0.50	<2.5	<2.5	11	<2.5	<2.5	<2.5	<2.0	73	<2.5	<2.5	-
MW0610-5	03/24/20	<0.50	7.8	6.7	<2.5	<0.50	<5.0	<5.0	9.8	<0.50	<5.0	<0.50	<2.5	<2.5	5.5 J	<2.5	<2.5	<2.5	1.0 J	29	<2.5	<2.5	-
MW0610-5	06/23/20	0.93	14	10	<2.5	<0.50	<5.0	<5.0	21	<0.50	<5.0	<0.50	<2.5	<2.5	3.1 J	<2.5	<2.5	<2.5	<2.0	9.0 J	<2.5	<2.5	-
MW0610-5	09/22/20	1.4	15	18	<2.5	0.23 J	<5.0	<5.0	20	<0.50	1.4 J	<0.50	<2.5	<2.5	3.0 J	<2.5	<2.5	<2.5	<2.0	3.2 J	<2.5	<2.5	-
MW0610-5	12/15/20	<0.50	13	10	<2.5	<0.50	<5.0	<5.0	20	<0.50	<5.0	<0.50	<2.5	<2.5	5.0 J	<2.5	<2.5	0.92 J	<2.0	13	<2.5	<2.5	-
MW0610-5	03/30/21	<0.50	7.0	5.3	<2.5	<0.50	<5.0	<5.0	9.2	<0.50	<5.0	<0.50	<2.5	<2.5	3.8 J	<2.5	<2.5	0.70 J	<2.0	15	<2.5	<2.5	-

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		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
	Criteria	5	5	2	5	5	50	50	1	50	60	5	5	7	-	5	5	5	-	-	5	5	5
MW0811-2	08/05/11	<1	<1	<1	<1	<1	<10	<10	<1	<1	<1	6.5	<1	1.2	-	<1	-	<2	-	-	<1	<1	<2
MW0811-2	09/29/11	<1	<1	<1	<1	<1	<10	<10	5.4	<1	<1	<1	<1	<1	-	<1	-	<2	-	-	<1	<1	<2
MW0811-2	10/28/11	<1	<1	<1	<1	<1	1.5	<10	1.8	<1	<1	<1	<1	<1	-	<1	-	<2	-	-	<1	<1	<2
MW0811-2	03/23/12	0.8 J	-	-	-	-	-	-	4.4	-	-	<1	-	<1	1.8	-	-	-	-	19	-	0.9 J	-
MW0811-2	06/19/12	<1	<1	<1	<1	<1	<10	<10	8.6	<1	2	<1	<1	<1	4.3	<1	<1	-	<1	58	-	2.1	<2
MW0811-2	09/26/12	0.85 J	<1	<1	<1	<1	<10	<10	5.8	<1	1	<1	<1	<1	63	<1	<1	-	<1	51	-	1.8	<2
MW0811-2	12/20/12	0.69 J	<1	<1	<1	<1	<10	<10	4.9	<1	0.56 J	<1	<1	<1	<1	<1	<1	-	<1	58	-	1.3	<2
MW0811-2	03/21/13	<1	<1	<1	<1	<1	<10	<10	4.3	<1	0.61 J	<1	<1	<1	<1	<1	<1	-	<1	73	-	1.1	<2
MW0811-2	06/19/13	<1	<1	<1	<1	<1	<10	<10	2.7	<1	0.6 J	<1	<1	<1	<1	<1	<1	-	<1	34	-	<1	<2
MW0811-2	09/19/13	<1	<1	<1	<1	<1	<10	3.7 J	5.5	<1	<1	<1	<1	<1	<1	<1	<1	-	<1	66	-	0.59 J	<2
MW0811-2	12/18/13	<1	<1	<1	<1	<1	<10	<10	2.1	<1	0.21 J	<1	<1	<1	30	<1	<1	-	<1	<1	-	<1	<2
MW0811-2	03/26/14	<1	<1	<1	<1	<1	<10	<10	15	<1	<1	<1	<1	<1	<1	<1	<1	-	<2.5	32	-	0.63 J	<2
MW0811-2	06/26/14	<1	<1	<1	<1	0.69 J	<10	<10	4.5	<1	1.9	<1	<1	<1	29	<1	<1	-	<2.5	<1	-	<1	<2
MW0811-2	09/22/14	0.4 J	<0.3	<0.32	<0.2	<0.57	<0.81	<1.3	0.43 J	<0.32	<0.22	<0.45	<0.24	<0.25	<0.25	<0.2	<0.2	<0.33	<0.43	8.4 J	<0.2	<0.2	-
MW0811-2	12/05/14	<0.22	<0.3	<0.32	<0.2	<0.57	<0.81	<1.3	1.2	<0.32	<0.22	<0.45	<0.24	<0.25	0.81 J	<0.2	<0.2	0.39 J	<0.43	<0.27	<0.2	<0.2	-
MW0811-2	03/23/15	0.26 J	<0.3	<0.32	<0.2	<0.57	<0.81	1.7 J	<0.2	<0.32	<0.22	<0.45	<0.24	<0.25	0.47 J	<0.2	<0.2	<0.33	<0.43	<0.27	<0.2	<0.2	-
MW0811-2	06/29/15	<0.22	<0.3	<0.32	<0.2	<0.57	<0.81	1.8 J	2.4	<0.32	0.31 J	<0.45	<0.24	<0.25	2.6	<0.2	<0.2	0.35 J	<0.43	100	<0.2	<0.2	-
MW0811-2	09/24/15	<0.5	<2.5	<1	<2.5	<0.5	<5	<5	0.92	<0.5	<5	<0.5	<2.5	<2.5	1.4 J	<2.5	<2.5	<2.5	<2	20	<2.5	<2.5	-
MW0811-2	12/21/15	<2	<10	<4	<10	<2	<20	<20	0.88 J	<2	<20	<2	<10	<10	2 J	<10	<10	<10	<8	4.8 J	<10	<10	-
MW0811-2	03/24/16	<0.5	<2.5	0.23 J	<2.5	<0.5	<5	<5	0.57	<0.5	<5	<0.5	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2	<10	<2.5	<2.5	-
MW0811-2	06/22/16	<0.18	<0.7	<0.07	<0.7	<0.14	<1.9	2 J	0.79	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	0.78 J	<0.7	<0.7	-
MW0811-2	09/28/16	<0.18	<0.7	0.24 J	<0.7	<0.17	<1.9	<1.5	0.42 J	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	37	<0.7	<0.7	-
MW0811-2	12/22/16	<0.18	<0.7	0.11 J	<0.7	<0.17	<1.9	<1.5	0.48 J	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	5.9 J	<0.7	<0.7	-
MW0811-2	03/21/17	<0.18	<0.7	<0.07	<0.7	<0.17	<1.9	<1.5	0.58	<0.19	<1	<0.13	<0.7	<0.7	0.44 J	<0.7	<0.7	<0.7	<0.23	7.2 J	<0.7	<0.7	-
MW0811-2	06/28/17	<0.7	340	310	<2.8	<0.68	<7.8	<5.8	<0.64	<0.77	<4	<0.54	<2.8	<2.8	<1.1	<2.8	<2.8	<2.8	<0.94	<1.6	<2.8	<2.8	-
MW0811-2	09/26/17	<0.18	<0.7	0.3 J	<0.7	<0.17	<1.9	<1.5	0.25 J	<0.19	<1	<0.13	<0.7	<0.7	0.77 J	<0.7	<0.7	<0.7	<0.23	2.6 J	<0.7	<0.7	-
MW0811-2	12/19/17	<0.18	<0.7	<0.07	<0.7	<0.17	<1.9	3 J	<0.16	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	5.6 J	<0.7	<0.7	-
MW0811-2	04/03/18	<0.18	<0.7	<0.07	<0.7	<0.17	<1.9	<1.5	0.22 J	<0.19	<1	0.21 J	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	1.2 J	<0.7	<0.7	-
MW0811-2	06/15/18	<0.18	<0.7	<0.07	<0.7	<0.17	<1.9	<1.5	0.58	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	16	<0.7	<0.7	-
MW0811-2	09/24/18	<0.18	0.74 J	<0.07	<0.7	<0.17	<1.9	<1.5	0.21 J	<0.19	<1	<0.13	<0.7	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	17	<0.7	<0.7	-
MW0811-2	12/19/18	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	<0.50	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	2.0 J	<2.5	<2.5	-
MW0811-2	03/27/19	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	0.26 J	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	2.9 J	<2.5	<2.5	-
MW0811-2	06/27/19	0.74	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	<0.50	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	<10	<2.5	<2.5	-
MW0811-2	09/24/19	<0.50	<2.5	0.14 J	<2.5	<0.50	<5.0	<5.0	0.34 J	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	4.3	17	<2.5	<2.5	-
MW0811-2	12/19/19	0.21 J	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	<0.50	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	<10	<2.5	<2.5	-
MW0811-2	03/24/20	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	0.22 J	<0.50	<5.0	<0.50	<2.5	<2.5	0.28 J	<2.5	<2.5	<2.5	<2.0	3.3 J	<2.5	<2.5	-
MW0811-2	06/23/20	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	<0.50	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	<10	<2.5	<2.5	-
MW0811-2	09/22/20	<0.50	<2.5	0.25 J	<2.5	<0.50	<5.0	<5.0	0.16 J	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	18	<2.5	<2.5	-
MW0811-2	12/15/20	<0.50	<2.5	0.11 J	<2.5	<0.50	<5.0	<5.0	0.33 J	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	12	<2.5	<2.5	-
MW0811-2	03/30/21	<0.50	<2.5	<1.0	<2.5	<0.50	<5.0	<5.0	0.24 J	<0.50	<5.0	<0.50	<2.5	<2.5	<10	<2.5	<2.5	<2.5	<2.0	<10	<2.5	<2.5	-

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 8
Summary of Carbon Tet. Area Groundwater Monitoring Results

AOC-Carbon Tet Area

Sampling Location	Sampling Date	Iron	Magnesium	Manganese	Ethane	Ethene	Methane	Alkalinity, total (as CaCO3)	Biochemical oxygen demand (total BOD5)	Chemical oxygen demand (COD)	Chloride	Hardness	Nitrate (as N)	Sulfate	Total organic carbon (TOC)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	Criteria	0.3	35	0.3											
MW0610-4	08/05/11	1.3	78.4	0.97	<0.0015	<0.0015	1.3	816	32.5	-	828	1,460	<0.05	292	8.9
MW0610-4	09/29/11	0.87	57	0.82	<0.098	<0.1	3.1	616	17	-	1,250	988	0.15	159	7.8
MW0610-4	10/28/11	1.3	36.6	0.62	0.00081	<0.0015	1.5	523	11.8	-	910	609	<0.05	164	3.8
MW0610-4	03/23/12	29.8	65.5	1.4	1.4 J	-	1.6	480	21.2	57.3	1,480	1,020	<0.05	216	7.5
MW0610-4	06/20/12	13.1	40.4	0.71	<0.72	-	1.9	508 J	15.9 J	52.8	1,040	640	<0.05	131	5.7
MW0610-4	09/26/12	30.1	50.9	1.2 J	<0.075	-	1.1	616	13.2 J	56.8	806	755	<0.05	95.3	8
MW0610-4	12/20/12	42.3	52.7	1.2	<0.075	-	1.4	484 J	14.9	55.3	502	734	<0.05	369	6.2
MW0610-4	03/21/13	36	70.5	1.5	<0.75	-	0.57	440	24.7 J	57.5	1,770	1,120	<0.05	199	5.4
MW0610-4	06/19/13	23.9	42.3	0.96	<0.38	-	0.44	390	5.4 J	34.9	942	591	0.052	191	4.8
MW0610-4	09/19/13	28.1	66.5	1.3	<0.38	-	1.8	580	29.7 J	58.2	687	1,060	0.027 J	271	7.8
MW0610-4	12/18/13	4.6	33.8	0.67	<0.38	-	1.7	384	10.1	40.7	574	528	<0.05	99.6	5.2
MW0610-4	03/26/14	20.8	70	1.1	<0.38	-	1.2	391	9.3	49.8	2,450	1,970	0.044 J	190	4.8
MW0610-4	06/26/14	13.1	61.3	0.95	<0.75	-	2.4	518	20.9 J	71.7	1,240	1,110	<0.05	192	6.8
MW0610-4	09/22/14	1.75	35.8	0.532	0.0012	-	3.2	544	8.2	21.6	1,010	542	<0.2	68.6	5.6
MW0610-4	12/05/14	1.01	50.5	0.839	<0.0098	-	3.6	622	28.8	44	825	903	<0.2	213	7.3
MW0610-4	03/23/15	1.83 J	66.6	1.4	<0.0049	-	1.6	367	4.7	44.9	2,840	1,260	<0.2	190	3.9
MW0610-4	06/29/15	21.4	88.2	1.3	0.0095 J	-	13	620	3.3	65.4	2,200	1,200	<0.5	14.6	6.1
MW0610-4	09/24/15	2	49	0.911	0.000878	<0.0005	2.95	555	11	160	1,600	-	0.021 J	82.3	5.8
MW0610-4	12/21/15	2.4	52	0.843	0.00096	<0.0005	2.89	590	21	140	1,100	940	0.03 J	228	9.4
MW0610-4	03/24/16	2.24	70.1	1.06	<0.0005	<0.0005	0.00514	430	15	52	2,420	1,061	<0.1	161	10.2
MW0610-4	06/22/16	66.4	55.7	1.45	0.000722	<0.0005	2.46	463	14	110	1,590	820.8	0.025 J	126	3.19
MW0610-4	09/28/16	7.74	46.4	0.7709	0.001	<0.0005	3.29	563	18	95	1,360	831.5	<0.019	172	9.61
MW0610-4	12/22/16	3.88	49.2	0.8061	0.000857	<0.0005	1.98	441	9.4	100	1,380	803.6	0.024 J	130	5.78
MW0610-4	03/21/17	1.35	57.6	0.8184	0.000776	<0.0005	2.06	379	14	82	3,170	925.7	0.04 J	172	7.84 J
MW0610-4	06/28/17	1.08	45.2	0.729	0.000678	<0.0005	2.95	513	14	88	1,510	874	<0.023	175	3.46
MW0610-4	09/26/17	3.98	47.4	0.6578	0.000634	<0.0005	3.34	476	16	67	1,200	745.6	<0.033	150	3.36
MW0610-4	12/19/17	23.9	66.8	1.283	0.000832	<0.0005	3.1	498	19	140	1,240	1,176	<0.033	187	9.97
MW0610-4	04/03/18	5.6	52.9	0.8054	<0.0005	<0.0005	1.47	377	7.2	99	3,640	960.8	<0.033	168	1.12
MW0610-4	06/15/18	3.03	55.8	0.7856	0.000657	<0.0005	2.76	459	<10	70	2,400	931.9	<0.033	186	3
MW0610-4	09/24/18	1.08	56.8	0.7598	0.00085	<0.0005	3.18	546	23	93	1,690	992.9	<0.033	179	4.64
MW0610-4	12/19/18	7.34	53.3	0.8685	0.000593	<0.000500	2.32	481	16	92	1,490	869.8	0.047 J	181	2.96
MW0610-4	03/27/19	2.26	60.0	0.7786	<0.000500	<0.000500	1.1	313	<10	110	4,450	963.7	0.063 J	157	1.26
MW0610-4	06/27/19	1.50	34.0	0.4242	<0.000500	<0.000500	1.01	350	<2.0	62	1,370	412	0.078 J	143	1.35
MW0610-4	09/24/19	3.47	45.3	0.6249	<0.000500	<0.000500	2.12	458	11	34	1,390	669.9	<0.10	199	3.33
MW0610-4	12/19/19	1.17	37.6	0.4317	<0.000500	<0.000500	0.738	352	3.8	45	1,690	514.6	0.15	117	2.16
MW0610-4	03/24/20	2.90	52.8	1.243	0.000588	<0.000500	1.94	419	16	76	2,460	922.9	0.054 J	162	2.92
MW0610-4	06/23/20	1.96	60.4	0.9108	0.000738	<0.000500	3.66	512	17	64	1,510	985.5	0.068 J	176	4.78
MW0610-4	09/22/20	3.89	51.9	0.7749	<0.000500	<0.000500	2.16	530	12	40	4,120	860	0.037 J	192	5.6
MW0610-4	12/15/20	1.62	49.6	0.6582	0.000652	<0.000500	2.79	444	19	64	1,390	741.7	0.033 J	169	2.52
MW0610-4	03/30/21	2.25	51.1	0.7104	0.000612	<0.000500	2.01	390	11	100	3,000	875.4	0.026 J	674	3.26
MW0610-5	08/05/11	2.5	61.4	0.24	0.001	0.0018	0.25	458	2.7	-	402	1,650	0.15	683	1.4
MW0610-5	09/29/11	2.9	61	2.2	0.0015	<0.0015	2.7	535	17	-	744	1,310	0.46	407	6.2
MW0610-5	10/28/11	5.8	54.7	2.5	0.004	0.0012	3.7	556	15.2	-	842	1,120	<0.05	300	3.4
MW0610-5	03/23/12	47.2	87.9	2.4	3.9	-	4	520	26.9	52.5	685	1,500	<0.05	372	8.7
MW0610-5	06/19/12	41.8	70.9	2	<0.72	-	4.4	503 J	15.9 J	44	615	1,370	<0.05	449	5.8
MW0610-5	09/26/12	74.5	91.4	2.1 J	<0.75	-	2.3	555	22 J	54.9	618	1,540	0.027 J	364	9.6
MW0610-5	12/20/12	150	121	3	<0.75	-	3.9	464 J	38.7	63.7	651	1,620	<0.05	469	9.8
MW0610-5	03/21/13	77.9	133	2.6	<0.75	-	1.5	541	32.2 J	53.4	963	1,750	<0.05	171	6.7
MW0610-5	06/19/13	32.8	81.5	1.9	<0.38	-	0.54	607	20.2 J	62.4	748	1,280	<0.05	302	8.6
MW0610-5	09/19/13	24.1	70.2	1.1	<0.38	-	3	509	24 J	37.3	678	1,280	0.038 J	394	6
MW0610-5	12/18/13	20.4	59.3	1.1	<0.38	-	2.5	461	16.7	83.4	724	1,100	<0.05	336	4.9
MW0610-5	03/26/14	22.4	64.5	0.77	<0.38	-	4	464	17.5	62.7	2,070	2,350	<0.05	363	5.4
MW0610-5	06/26/14	50.9	77.9	1.2	<0.38	-	2.7	451	25.3 J	50.9	758	1,360	<0.05	449	7
MW0610-5	09/22/14	3.68	50.2	1.17	0.043	-	4.9	626	13	26.3	857	916	<0.2	116	8.6
MW0610-5	12/05/14	2.3	62.3	0.656	<0.0098	-	3.6	490	32.9	40.2	711	1,450	<0.2	497	5.2
MW0610-5	03/23/15	2.56 J	62.7	1.18	<0.0098	-	3.3	376	11	59.2	3,850	1,450	<0.2	263	4.6
MW0610-5	06/29/15	0.734	38.2	0.556	<0.0098	-	5.2	520	4.8	35.2	1,220	803	<0.5	162	8
MW0610-5	09/24/15	0.34	60	0.509	0.00383	0.0017	4.14	531	15	140	802	-	<0.1	372	6
MW0610-5	12/21/15	2.9	49	0.449	0.00426	0.00154	3.97	461	34	91	983	960	0.031 J	301	8.7
MW0610-5	03/24/16	2.87	71.8	0.8718	0.00358	0.00139	3.33	410	18	69	2,890	1,195	<0.1	298	11.8
MW0610-5	06/22/16	10.2	62.7	0.4678	0.00385	0.0015	3.68	492	26	97	1,290	1,106	<0.052 J	295	4.16
MW0610-5	09/28/16	1.12	59.8	0.3231	0.00424	0.00191	3.14	512	16	69	977	1,169	<0.019	416	8.32
MW0610-5	12/22/16	0.992	57.1	0.4005	0.00349	0.00118	3.19	422	14	77	1,760	1,076	<0.019	286	6
MW0610-5	03/21/17	9.85	55.6	0.4683	0.0021	<0.0005	1.99	330	13	110	3,730	962.5	<0.019	272	12.1 J
MW0610-5	06/28/17	1.56	49.6	0.2898	0.00404	0.00204	3.75	488	19	71	954	1,160	<0.023	418	2.79
MW0610-5	09/26/17	7.97	62.2	0.4021	0.00443	0.00147	4.22	561	19	110	919	1,155	<0.033	272	4.74
MW0610-5	12/19/17	18.1	59.8	0.5634	0.00376	0.0015	3.51	513	20	99	809	1,142	<0.033	343	9.6
MW0610-5	04/03/18	11.2	67	0.6452	0.00205	0.000715	2.5	358	20	160	3,720	1,303	<0.033	221	1.66
MW0610-5	06/15/18	4.73	59.3	0.38	0.00356	0.0021	3.05	470	18	120	1,610	1,199	<0.033	403	4.16
MW0610-5	09/24/18	1.7	63.4	0.3249	0.00343	0.00172	2.94	577	24	160	1,100	1,196	<0.033	295	5.34
MW0610-5	12/19/18	11.6	54.0	0.4167	0.00325	0.00146	2.19	475	20	90	1,170	949.9	0.036 J	341	3.94
MW0610-5	03/27/19	2.54	57.7	0.3740	0.00226	0.000616	1.95	372	13	74	3,790	1,030	0.049 J	237	2.72
MW0610-5	06/27/19	2.13	57.9	0.2640	0.00343	0.00119	3.08	498	6.9	110	1,360	919	0.18	310	3.07
MW0610-5	09/24/19	9.73	63.3	0.3872	0.00341	0.000924	2.56	540	23	79	943	1,181	<0.10	405	3.65
MW0610-5	12/19/19	0.834	47.9	0.2429	0.00180	<0.000500	1.33	401	<5.0	77	2,720	690.6	0.048 J	211	5.52
MW0610-5	03/24/20	3.02	49.7	0.3871	0.00216	0.000790	1.75	385	16	64	2,				



Table 8
Summary of Carbon Tet. Area Groundwater Monitoring Results

Garlock Sealing Technologies
Site No. 3 Site
BCP Site #C859028

Sampling Location	Sampling Date	Iron	Magnesium	Manganese	Ethane	Ethene	Methane	Alkalinity, total (as CaCO3)	Biochemical oxygen demand (total BOD5)	Chemical oxygen demand (COD)	Chloride	Hardness	Nitrate (as N)	Sulfate	Total organic carbon (TOC)
		mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L	mg/L
	Criteria	0.3	35	0.3											
MW0811-2	08/05/11	2.5	37	2.5	<0.0015	<0.0015	1.5	412	2.8	-	2,210	626	<0.05	148	5.8
MW0811-2	09/29/11	1.4	24.4	0.6	<0.15	<0.15	1.1	421	4.3	-	465	481	3.5	278	9.7
MW0811-2	10/28/11	0.13	17.1	0.2	<0.0015	<0.0015	0.46	283	2.1	-	84	376	5.1	353	5.4
MW0811-2	03/23/12	46.4	43.9	1.4	1.6	-	2.1	400	10.1	25.3	456	718	<0.05	142	6.8
MW0811-2	06/19/12	18.6	32	0.9	<0.72	-	2	614 J	172 J	27	703	567	0.19 J	99.5	6.2
MW0811-2	09/26/12	59.2	51	1.7 J	<0.075	-	1.1	647	6.2 J	12.9	496	898	0.35	74.7	6.7
MW0811-2	12/20/12	68.7	49.1	1.4	<0.075	-	1.4	300	11.4	28.7	219	779	2.7	319	8
MW0811-2	03/21/13	108	68	2.1	<0.075	-	0.24	410	19.2 J	63.2	488	1,030	0.86	161	6.2
MW0811-2	06/19/13	35.9	44.8	0.88	<0.075	-	0.67	492	3.8 J	21.8	332	697	2.2	247	6.6
MW0811-2	09/19/13	7.9	28.7	1.1	<0.38	-	2.8	530	8.1 J	20.3	589	496	0.042 J	54.9	6.5
MW0811-2	12/18/13	6.3	26.1	0.58	<0.38	-	0.55	363	2.9	29.3	372	450	0.45	117	5
MW0811-2	03/26/14	4.9	35.3	0.53	<0.38	-	0.6	415	6.7	26.1	1,380	1,220	1	188	4.6
MW0811-2	06/26/14	7.7	23.2	0.79	<0.75	-	1.4	422	3.9 J	54.2	1,000	410	0.29	85	4.5
MW0811-2	09/22/14	1.25	29	0.649	<0.002	-	0.96	640	2.1	15	443	534	<0.2	83.8	5.9
MW0811-2	12/05/14	4.81	23	1.18	<0.002	-	2.8	484	9.8	16.5	829	525	<0.2	31.2	5.4
MW0811-2	03/23/15	1.84 J	44.8	0.201	<0.0002	-	0.1	379	<2	24.2	1,590	903	2.1	219	4.3
MW0811-2	06/29/15	1.22	36.5	0.845	0.00068 J	-	2	430	4.3	30	1,510	625	<0.5	103	4.7
MW0811-2	09/24/15	2.6	19	0.727	0.00108	<0.0005	2.91	473	3.9	74	507	-	0.025 J	19.3	5.3
MW0811-2	12/21/15	1.9	21	0.606	<0.0005	<0.0005	0.991	517	9.6	100	265	410	0.9	104	7
MW0811-2	03/24/16	2.53	36.4	1.545	0.000565	<0.0005	0.967	350	8.7	29	1,560	635.5	0.3	112	8.61
MW0811-2	06/22/16	1.25	23.8	0.7109	<0.0005	<0.0005	0.847	398	7.7	56	1,400	427.6	0.27	82.9	3.07
MW0811-2	09/28/16	2.18	31	1.653	0.00192	<0.0005	2.31	447	2.8	37	1,620	610.8	0.037 J	104	8.12
MW0811-2	12/22/16	2.06	30.4	0.8009	<0.0005	<0.0005	0.752	474	<2	58	960	516.3	0.43	105	5.39
MW0811-2	03/21/17	4.22	31.6	1.041	0.000637	<0.0005	0.718	381	2	63	1,470	544.2	0.47	135	8.24 J
MW0811-2	06/28/17	2.3	22.2	0.5967	<0.0005	<0.0005	0.481	356	<2	37	989	377.5	0.11	85.1	0.94 J
MW0811-2	09/26/17	1.26	20.4	0.7382	0.000605	<0.0005	1.28	462	4.5	55	1,080	361.4	<0.033	44.7	4.08
MW0811-2	12/19/17	1.72	19.1	0.5643	<0.0005	<0.0005	0.906	398	<2	18	441	352.9	0.18	67.4	6.67
MW0811-2	04/03/18	5.42	42.9	0.9898	<0.0005	<0.0005	0.557	318	3.4	110	2,380	891.5	0.46	136	1.63
MW0811-2	06/15/18	3.02	25.7	0.9747	0.000796	<0.0005	0.819	379	6.2	61	1,930	499.3	0.14	127	2.69
MW0811-2	09/24/18	3.14	26.3	1.111	0.00115	<0.0005	1.33	478	<5	40	1,440	484.6	0.083 J	53	4.09
MW0811-2	12/19/18	1.37	25.3	0.5158	<0.000500	<0.000500	0.206	422	<2.0	52	1,020	420.5	1.4	110	3.51
MW0811-2	03/27/19	3.21	31.6	0.9362	<0.000500	<0.000500	0.549	352	<5.0	30	2,250	537.6	0.67	102	2.20
MW0811-2	06/27/19	0.871	17.7	0.08667	<0.000500	<0.000500	0.102	254	<2.0	16	440	226	3.0	129	2.60
MW0811-2	09/24/19	2.52	26.9	0.8433	0.000965	<0.000500	1.2	491	2.2	27	1,310	459.1	0.048 J	46.6	4.06
MW0811-2	12/19/19	1.64	26.9	0.3108	<0.000500	<0.000500	0.0281	388	<2.0	42	880	380.8	2.8	103	3.88
MW0811-2	03/24/20	2.77	22.9	0.5782	<0.000500	<0.000500	0.433	344	2.5	24	1,800	367.6	0.46	77.4	1.40
MW0811-2	06/23/20	1.70	30.1	0.8899	0.000522	<0.000500	0.705	400	2.9	33	1,520	488.4	0.11	114	4.26
MW0811-2	09/22/20	2.86	28.8	0.9408	0.000642	<0.000500	0.795	450	2.6	36	1,320	497	0.24	54.1	3.1
MW0811-2	12/15/20	0.563	27.0	0.5054	0.000873	<0.000500	1.28	529	4.1	28	688	409.4	0.86	72.9	3.40
MW0811-2	03/30/21	1.84	31.6	0.4174	<0.000500	<0.000500	0.379	386	<5.0	49	2,000	551.5	1.8	144	3.55

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 9
Summary of Toluene Area Groundwater Monitoring Results

AOC-Toluene Area																							
Sampling Location	Sampling Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	Acetone	Benzene	Bromodichloromethane	Carbon disulfide	Chloroform (Trichloromethane)	Cyclohexane	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl acetate	Methyl cyclohexane	Methylene chloride	o-Xylene	Toluene	Xylenes (total)	
		ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	
	Criteria	5	5	2	5	5	50	50	1	50	60	7		5	5	5				5	5	5	
IW-1	11/11/08	55	150	43	<10,000	-	<1	<1	10	-	<1	-	<1	<1	-	-	-	<1	-	-	-	4,600	<1
IW-1	10/28/10	<250	<250	<250	<250	<250	<1,000	610	<250	<250	<250	<250	-	<250	-	-	-	-	<1,000	-	-	36,000	<500
IW-1	09/30/11	<50	<50	<50	<50	<50	<500	<500	<50	<50	<50	<50	-	<50	-	<100	-	-	<50	<50	2,900	<100	
IW-1	10/27/11	<50	<50	<50	<50	<50	<500	<500	<50	<50	<50	<50	-	<50	-	<100	-	-	<50	<50	3,700	<100	
IW-1	03/21/12	0.66 J	4.1	3.5	0.65 J	-	3.6 J	4.1 J	21	-	1.1	-	500	4.5	-	-	-	1,800	-	-	-	1,100	6.8
IW-1	06/21/12	<5	5.5	<5	<5	<5	<50	<50	18	<5	1.6 J	<5	310	4 J	<5	-	<5	790	<5	-	-	190	5.6 J
IW-1	09/27/12	<5	14	9.9	<5	<5	<50	<50	7.4	<5	<5	<5	<5	<5	<5	-	<5	80	<5	-	-	51	<10
IW-1	12/19/12	<5	<5	<5	<5	<5	<50	<50	37	<5	1 J	<5	490	5	<5	-	230	1,100	<5	-	-	7,600	7.2 J
IW-1	03/19/13	<50	<50	<50	<50	<50	<500	<500	26 J	<50	<50	<50	160	<50	<50	-	<50	490	<50	-	-	3,000	<100
IW-1	06/19/13	<50	<50	<50	<50	<50	<500	<500	<50	<50	<50	<50	350	<50	<50	-	<50	980	<50	-	-	2,400	<100
IW-1	09/18/13	<10	<10	<10	<10	<10	<100	<100	30	5.8 J	<10	<10	330	<10	<10	-	<10	860	<10	-	-	300	<20
IW-1	12/17/13	<4	3.7 J	<4	<4	<4	<40	<40	15	<4	<4	<4	110	<4	<4	-	<4	190	<4	-	-	210	<8
IW-1	03/25/14	<50	<50	<50	<50	<50	<500	<500	35 J	<50	<50	<50	290	<50	<50	-	<130	970	<50	-	-	2,500	<100
IW-1	06/26/14	<5	<5	<5	<5	<5	<50	<50	18	<5	3.7 J	<5	89	<5	<5	-	<13	350	<5	-	-	300	<10
IW-1	09/22/14	<1.1	<1.5	<1.6	<1	<2.9	<4.1	<6.2	23 J	<1.6	<1.1	2.5 J	62	2.8 J	<1	3.1 J	<2.2	270	<1.6	<1	-	150	-
IW-1	12/04/14	<1.1	3.2 J	<1.6	<1	<2.9	<4.1	23 J	25	<1.6	<1.1	<1.3	96	1.8 J	<1	2.9 J	<2.2	520	<3	<1	-	230	-
IW-1	03/23/15	<1.1	<1.5	<1.6	1.1 J	<2.9	<4.1	<6.2	42	<1.6	<1.1	<1.3	350	3.4 J	<1	4.4 J	<2.2	1,500	<3	<1	-	3,500	-
IW-1	06/29/15	<4.4	<6	<6.4	<4	<12	<17	<25	37	<6.4	<4.4	5.4 J	170	<4	<4	<6.7	<8.6	990	<12	<4	-	2,100	-
IW-1	09/24/15	1.2 J	4.6 J	2.7 J	<10	<2	<20	13 J	18	<2	<20	<10	9 J	<10	<10	<10	<8	30 J	<10	<10	-	190	-
IW-1	12/21/15	<0.5	3.3	2.1	<2.5	<0.5	<5	5.7	21	<0.5	<5	<2.5	18	1.1 J	<2.5	1.1 J	<2	70	<2.5	<2.5	-	66	-
IW-1	03/24/16	1.2	3.5	2.6	<2.5	<0.5	<5	<5	23	<0.5	<5	<2.5	53	1.6 J	<2.5	1.8 J	<2	130	<2.5	<2.5	-	180	-
IW-1	06/22/16	0.55	4	4.2	<0.7	<0.14	<1.9	2.9 J	15	<0.19	<1	<0.7	17	0.93 J	<0.7	1.2 J	<0.23	40	<0.7	<0.7	-	18	-
IW-1	09/28/16	<0.18	3.5	2.3	0.83 J	<0.17	<1.9	<1.5	35	<0.19	<1	<0.7	10	0.86 J	<0.7	0.98 J	<0.23	45	<0.7	<0.7	-	110	-
IW-1	12/22/16	<7	<28	2.8 J	<28	<6.8	<78	<58	30	<7.7	<40	<28	62 J	<28	<28	<28	<9.4	280 J	<28	<28	-	1,400	-
IW-1	03/21/17	<7	<28	<2.8	<28	<6.8	<78	<58	36	<7.7	<40	<28	120 J	<28	<28	<28	<9.4	460	<28	<28	-	2,000	-
IW-1	06/28/17	<0.35	<1.4	1.3 J	<1.4	<0.34	<3.9	<2.9	35	<0.38	<2	<1.4	57	1.4 J	<1.4	<1.4	<0.47	200	<1.4	<1.4	-	39	-
IW-1	09/26/17	<0.18	2.9	<0.07	<0.7	<0.17	<1.9	<1.5	17	<0.19	<1	<0.7	15	1.2 J	<0.7	1.1 J	<0.23	47	<0.7	<0.7	-	8.7	-
IW-1	12/19/17	<0.35	<1.4	<0.14	<1.4	<0.34	<3.9	<2.9	18	<0.38	<2	<1.4	48	<1.4	<1.4	<1.4	<0.47	190	<1.4	<1.4	-	71	-
IW-1	04/03/18	<0.44	2.3 J	2.8	<1.8	<0.42	<4.8	<3.6	10	<0.48	<2.5	<1.8	8.8 J	<1.8	<1.8	<1.8	<0.58	26	<1.8	<1.8	-	230	-
IW-1	06/15/18	<0.18	3.8	2.8	<0.7	<0.17	<1.9	2.6 J	13	<0.19	1.1 J	<0.7	6.5 J	0.7 J	<0.7	<0.7	<0.23	17	<0.7	<0.7	-	32	-
IW-1	09/24/18	<0.18	4.8	3.4	<0.7	<0.17	<1.9	2.1 J	18	<0.19	<1	<0.7	18	1 J	<0.7	0.88 J	<0.23	54	<0.7	<0.7	-	4.6	-
IW-1	12/19/18	0.92	1.0 J	1.7	<2.5	<0.50	<5.0	<5.0	22	<0.50	<5.0	<2.5	50	1.0 J	<2.5	<2.5	<2.0	150	<2.5	<2.5	-	96	-
IW-1	03/27/19	<1.0	<5.0	1.1 J	<5.0	<1.0	<10	<10	23	<1.0	<10	<5.0	94	<5.0	<5.0	<5.0	<4.0	340	<5.0	<5.0	-	41	-
IW-1	06/27/19	<2.5	<12	1.5 J	<12	<2.5	<25	<25	31	<2.5	<25	<12	60	<12	<12	<12	<10	210	<12	<12	-	910	-
IW-1	09/24/19	<0.50	<2.5	0.34 J	<2.5	<0.50	<5.0	20	5.3	<0.50	<5.0	<2.5	15	<2.5	<2.5	<2.5	<2.0	47	<2.5	<2.5	-	<2.5	-
IW-1	12/19/19	<1.0	<5.0	1.1 J	<5.0	<1.0	<10	<10	24	<1.0	<10	<5.0	100	<5.0	<5.0	<5.0	<4.0	380	<5.0	<5.0	-	190	-
IW-1	03/24/20	<1.0	<5.0	2.2	<5.0	<1.0	<10	<10	18	<1.0	<10	<5.0	68	<5.0	<5.0	<5.0	2.2 J	240	<5.0	<5.0	-	12	-
IW-1	06/23/20	<1.0	<5.0	1.9 J	<5.0	<1.0	<10	<10	20	<1.0	<10	<5.0	51	<5.0	<5.0	<5.0	<4.0	170	<5.0	<5.0	-	3.0 J	-
IW-1	09/22/20	1.1	4.3	7.1	<2.5	<0.50	<5.0	<5.0	16	<0.50	<5.0	<2.5	7.6 J	<2.5	<2.5	<2.5	<2.0	28	<2.5	<2.5	-	3.7	-
IW-1	12/15/20	<0.50	1.2 J	1.7	<2.5	<0.50	<5.0	<5.0	18	<0.50	<5.0	<2.5	51	1.0 J	<2.5	<2.5	<2.0	170	<2.5	<2.5	-	5.4	-
IW-1	03/30/21	<1.0	<5.0	0.70 J	<5.0	<1.0	<10	<10	15	<1.0	<10	<5.0	70	<5.0	<5.0	<5.0	<4.0	260	<5.0	<5.0	-	13	-

Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards



Table 9
Summary of Toluene Area Groundwater Monitoring Results

Sampling Location	Sampling Date	Trichloroethene	cis-1,2-Dichloroethene	Vinyl chloride	1,1-Dichloroethane	1,1-Dichloroethene	2-Butanone (Methyl ethyl ketone) (MEK)	Acetone	Benzene	Bromodichloromethane	Carbon disulfide	Chloroform (Trichloromethane)	Cyclohexane	Ethylbenzene	Isopropyl benzene	m&p-Xylenes	Methyl acetate	Methyl cyclohexane	Methylene chloride	o-Xylene	Toluene	Xylenes (total)
	Criteria	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L	ug/L
		5	5	2	5	5	50	50	1	50	60	7		5	5	5				5	5	5
IW-2	11/11/08	-	<1	<1	<1	<1	<1	<1	300	-	<1	<1	<1	<1	<1	-	-	<1	<1	-	10,000	70
IW-2	10/28/10	<500	<500	<500	<500	<500	<2,000	1,200	260	<500	450	<500	-	<500	-	-	-	-	1,200	-	77,000	<1,000
IW-2	09/30/11	<20	<20	<20	<20	<20	<200	<200	89	<20	<20	<20	-	<20	-	<40	-	-	<20	<20	1,300	<40
IW-2	10/27/11	<50	<50	<50	<50	<50	<500	<500	65	<50	<50	<50	-	<50	-	<100	-	-	<50	<50	3,400	<100
IW-2	03/21/12	-	9.8	25	0.69	<1	<1	<1	24	-	0.47	<1	15	1.3	<1	-	-	27	<1	-	1,100	2.2
IW-2	06/21/12	<1	10	19	0.64 J	0.77 J	22	9.7 J	95	<1	2.1	7.4	47	3.9	2.2	-	<1	62	<1	-	810	14
IW-2	09/27/12	<5	10	30	<5	<5	9 J	<50	150	<5	<5	<5	64	<5	<5	-	<5	100	<5	-	100	11
IW-2	12/19/12	<5	6.9	22	<5	<5	8.3 J	<50	130	<5	1.2 J	2 J	40	<5	<5	-	<5	49	<5	-	270	10
IW-2	03/19/13	<1	5.9	20	0.4 J	<1	<10	<10	54	<1	0.46 J	<1	21	1.5	2.4	-	<1	25	<1	-	22	3.6
IW-2	06/19/13	<1	6.8	24	<1	<1	3.3 J	<10	53	<1	<1	<1	12	1	2.1	-	<1	4.4	<1	-	13	2.2
IW-2	09/18/13	<1	6.5	18	<1	<1	<10	<10	59	<1	<1	<1	7	<1	1.6	-	<1	6.6	<1	-	3.3	3.1
IW-2	12/17/13	<1	3.4	14	0.4 J	0.81 J	<10	<10	120	<1	0.36 J	<1	36	1.5	3.8	-	<1	34	<1	-	36	6.8
IW-2	03/25/14	<2	<2	<2	<2	<2	<20	<20	100	<2	<2	<2	30	3	3.4	-	<5	21	<2	-	280	5.8
IW-2	06/26/14	<1	3.6	15	<1	0.6 J	<10	<10	55	<1	0.96 J	<1	6.4	0.96 J	2.1	-	<2.5	3.8	<1	-	3	2.2
IW-2	09/22/14	<0.22	3.5 J	12	0.37 J	<0.57	<0.81	<1.3	25	<0.32	<0.22	<0.25	0.57 J	<0.2	0.41 J	0.42 J	<0.43	4.1 J	<0.32	<0.2	0.97 J	-
IW-2	12/05/14	<0.22	1.4	7.5	0.39 J	<0.57	<0.81	8.4	110	<0.32	<0.22	<0.25	13	1.1	2.3	5.2	<0.43	16	<0.6	0.36 J	11	-
IW-2	03/23/15	<0.22	1	6.3	0.48 J	<0.57	<0.81	<1.3	18	<0.32	<0.22	<0.25	1.7	<0.2	0.2 J	0.44 J	<0.43	<0.27	<0.6	<0.2	130	-
IW-2	06/29/15	<0.22	1.5	6.9	<0.2	<0.57	<0.81	2.4 J	24	<0.32	<0.22	<0.25	<0.25	<0.2	<0.2	0.44 J	<0.43	4.8	<0.6	<0.2	10	-
IW-2	09/24/15	<0.5	1.5 J	8.5	<2.5	<0.5	<5	<5	84	<0.5	<5	1.4 J	7 J	1.1 J	1.2 J	5.6	<2	9.1 J	<2.5	<2.5	40	-
IW-2	12/21/15	<1	<5	5.7	<5	<1	<10	<10	150	<1	<10	1.7 J	2.2 J	<5	2.7 J	4.1 J	<4	4 J	<5	<5	27	-
IW-2	03/24/16	<0.5	0.79 J	5.3	<2.5	<0.5	95	<5	51	<0.5	<5	<2.5	0.39 J	<2.5	<2.5	<2.5	<2	6.1 J	<2.5	<2.5	3.3	-
IW-2	06/22/16	<0.18	2.2 J	13	<0.7	<0.14	<1.9	<1.5	21	<0.19	<1	<0.7	0.27 J	<0.7	<0.7	<0.7	<0.23	<0.4	<0.7	<0.7	0.78 J	-
IW-2	09/28/16	<0.18	1.7 J	10	<0.7	<0.17	30	<1.5	16	<0.19	<1	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	2.2 J	<0.7	<0.7	<0.7	-
IW-2	12/22/16	<0.7	<2.8	6.6	<2.8	<0.68	<7.8	<5.8	13	<0.77	<4	<2.8	1.5 J	<2.8	<2.8	<2.8	<0.94	1.6 J	<2.8	<2.8	250	-
IW-2	03/21/17	<0.18	1.6 J	12	<0.7	<0.17	<1.9	<1.5	11	<0.19	<1	<0.7	0.7 J	<0.7	<0.7	<0.7	<0.23	3.5 J	<0.7	<0.7	13	-
IW-2	06/28/17	0.94	2.2 J	14	<0.7	<0.17	<1.9	<1.5	14	<0.19	<1	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	1.5 J	<0.7	<0.7	<0.7	-
IW-2	09/26/17	<0.18	2.9	13	<0.7	<0.17	<1.9	<1.5	13	<0.19	<1	<0.7	0.36 J	<0.7	<0.7	<0.7	<0.23	1.6 J	<0.7	<0.7	<0.7	-
IW-2	12/19/17	<0.18	<0.7	3.4	<0.7	<0.17	<1.9	<1.5	100	<0.19	<1	<0.7	18	<0.7	<0.7	1.7 J	<0.23	5.8 J	<0.7	<0.7	<0.7	-
IW-2	04/03/18	<0.18	1.1 J	8.2	<0.7	<0.17	<1.9	<1.5	48	<0.19	<1	<0.7	2.2 J	<0.7	<0.7	<0.7	<0.23	10	<0.7	<0.7	<0.7	-
IW-2	06/15/18	<0.18	3.9	15	<0.7	<0.17	<1.9	1.7 J	7.9	<0.19	<1	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	2.1 J	<0.7	<0.7	<0.7	-
IW-2	09/24/18	<0.18	5.7	18	<0.7	<0.17	<1.9	<1.5	2.7	<0.19	<1	<0.7	<0.27	<0.7	<0.7	<0.7	<0.23	1.3 J	<0.7	<0.7	0.9 J	-
IW-2	12/19/18	<0.50	2.3 J	15	<2.5	<0.50	<5.0	<5.0	11	<0.50	<5.0	<2.5	3.0 J	<2.5	<2.5	<2.5	<2.0	2.7 J	<2.5	<2.5	<2.5	-
IW-2	03/27/19	<0.50	1.6 J	12	<2.5	<0.50	<5.0	<5.0	47	<0.50	<5.0	<2.5	43	0.90 J	<2.5	<2.5	<2.0	170	<2.5	<2.5	1.7 J	-
IW-2	06/27/19	<0.50	3.6	20	<2.5	<0.50	<5.0	1.5 J	11	<0.50	<5.0	<2.5	0.36 J	<2.5	<2.5	<2.5	<2.0	2.7 J	<2.5	<2.5	<2.5	-
IW-2	09/24/19	<0.50	4.4	23	<2.5	<0.50	<5.0	3.8 J	6.4	<0.50	<5.0	<2.5	0.41 J	<2.5	<2.5	<2.5	<2.0	1.5 J	<2.5	<2.5	<2.5	-
IW-2	12/19/19	<0.50	0.99 J	9.7	<2.5	<0.50	<5.0	<5.0	36	<0.50	<5.0	<2.5	17	<2.5	<2.5	<2.5	<2.0	16	<2.5	<2.5	<2.5	-
IW-2	03/24/20	<0.50	1.8 J	14	<2.5	<0.50	<5.0	1.8 J	6.4	<0.50	<5.0	<2.5	0.35 J	<2.5	<2.5	<2.5	0.92 J	3.8 J	<2.5	<2.5	<2.5	-
IW-2	06/23/20	<0.50	3.4	18	<2.5	<0.50	<5.0	<5.0	5.8	<0.50	<5.0	<2.5	<10	<2.5	<2.5	<2.5	<2.0	<10	<2.5	<2.5	<2.5	-
IW-2	09/22/20	<0.50	3.0	30	<2.5	<0.50	<5.0	<5.0	18	<0.50	<5.0	<2.5	0.97 J	<2.5	<2.5	<2.5	<2.0	1.9 J	<2.5	<2.5	<2.5	-
IW-2	12/15/20	<0.50	1.5 J	14	<2.5	<0.50	<5.0	<5.0	16	<0.50	<5.0	<2.5	4.2 J	<2.5	<2.5	<2.5	<2.0	3.3 J	<2.5	<2.5	<2.5	-
IW-2	03/30/21	<0.50	1.8 J	18	<2.5	<0.50	<5.0	1.8 J	3.1	<0.50	<5.0	<2.5	0.29 J	<2.5	<2.5	<2.5	<2.0	3.1 J	<2.5	<2.5	<2.5	-

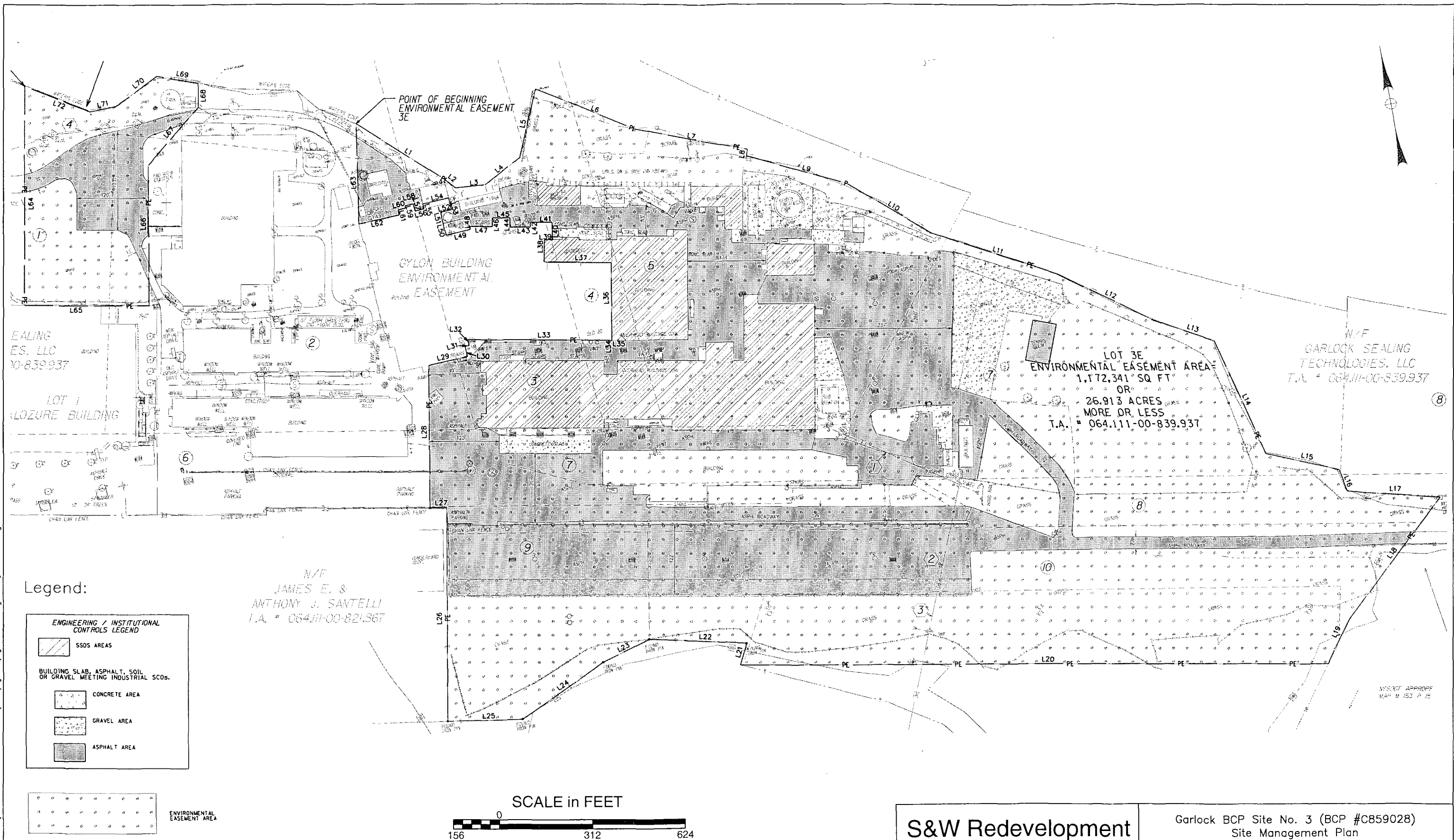
Notes:
Only analytes that exceeded Class GA Regulatory Standards in samples taken from at least one monitoring well during at least one monitoring event are included here
Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from NYSDEC Division of Water TOGS 1.1.1 (June 1998)
<## Not detected above indicated laboratory reporting limit.
J estimated value
mg/L milligrams per liter
ug/L micrograms per liter
Bold and highlighted cells indicate an exceedance of Class GA Regulatory Standards

DESIGNATED FACILITY TO GENERATOR

Appendix C

**Figures from the Site Management Plan
(SWRNA, July 2011; Revised: GHD, July
2016)**

X-REF: NAMES?
2010/sep/27/1011 - Garlock Site No. 3\SMF\Figures\Figure 6 - Engineering Controls.dwg
J:\PROJECTS\N-xxxx\N1000\N1011 - Garlock Site No. 3\SMF\Figures\Figure 6 - Engineering Controls.dwg



Legend:

ENGINEERING / INSTITUTIONAL CONTROLS LEGEND	
	SSOS AREAS
	BUILDING SLAB, ASPHALT, SOIL OR GRAVEL MEETING INDUSTRIAL SCOS.
	CONCRETE AREA
	GRAVEL AREA
	ASPHALT AREA

	ENVIRONMENTAL EASEMENT AREA
--	-----------------------------



Survey from Environmental Easement Lots 3W and 3E
provided by LaBella Associates, P.C., April 2011.

S&W Redevelopment
of North America, LLC.

Syracuse, New York

DATE: 11/2011 JOB No: N1011

Garlock BCP Site No. 3 (BCP #C859028)
Site Management Plan
1666 Division Street, Palmyra
Wayne County, New York

Figure 6
Engineering Controls

X-REF: NAMES?
2010/sep/27/lem
J:\PROJECTS\N-xxxx\N1000\N1011 - Garlock Site No. 3\SMP\Figures\Figure 16 - Buildings 8 and 15 SSDS.dwg



- Legend:
- Floor penetration/suction point location and ID. (3-inch diameter schedule 40 PVC riser with a magnehelic gauge) (approximate location)
 - Manifold/trunk line. (4 inch diameter schedule 40 PVC) (approximate location)
 - Roof mounted fan location. (Access by stairway between Building 8 and Building 15) (approximate location)
 - Pressure Field Extension (PFE) test hole location and ID (pressure recorded in in/WC) (approximate location)

Notes:

Fan disconnect switch located on roof of Building 8 near fan.

PFE Test data collected and provided by Radon Home Services, November 11 and 14, 2011.

Locations are approximate based on field observations and are not surveyed.

Trunk lines as shown are general piping run locations and are not surveyed.

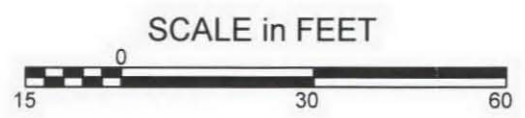
System consists of a 3-inch schedule 40 PVC riser and suction point through the concrete connected to a 4-inch schedule 40 PVC trunk line. Each riser has a volume damper installed for adjusting pressures at individual suction points to equalize system pressure. Each riser also has a magnehelic gauge installed so that system pressure can be easily verified visually to ensure system performance. Piping is secured using standard galvanized split ring hangers and threaded rods. The 4-inch trunk line penetrates to the exterior through the side-wall or the roof. A blower is mounted on the roof and connected to the 4-inch trunk line. The blower is single phase, 480 volt, and continuous duty. Electrical was installed by Garlock maintenance staff.

Junction Box and Disconnect Switch



Buildings 8 and 15 Roof Fan

Magnehelic Gauge Readings			
Gauge I.D.	Baseline Reading (in/WC)	Gauge I.D.	Baseline Reading (in/WC)
8-1	7.00	8-11	5.00
8-2	7.00	8-12	5.50
8-3	7.00	8-13	5.00
8-4	7.50	8-14	5.25
8-5	7.00	8-15	4.75
8-6	7.25	15-1	3.50
8-7	10.00	15-2	3.75
8-8	7.25	15-3	3.50
8-9	7.25	15-4	3.50
8-10	5.50		



Site base survey provided by Lu Engineers 6/2006



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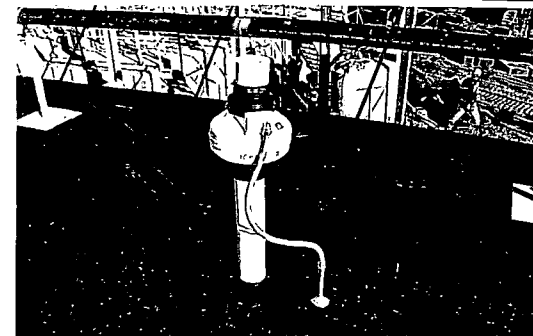
Syracuse, New York

DATE: 11/2011 JOB No: N1011

Garlock BCP Site No. 3 (BCP #C859028)
Site Management Plan
1666 Division Street, Palmyra
Wayne County, New York

Figure 16 – Buildings 8 and 15 SSDS
Layout and PFE Test Results

Disconnect Switch
(located inside Building
14 on north wall)



Building 14 Roof Fan

Legend:

- 

14-1

Floor penetration/suction point location and ID. (3-inch diameter schedule 40 PVC riser with a magnehelic gauge) (approximate location)
- 

Manifold/trunk line. (4 inch diameter schedule 40 PVC) (approximate location)
- 

Roof mounted fan location. (Access by extension ladder only) (approximate location)
- 

T-1 (-0.003)

Pressure Field Extension (PFE) test hole location and ID (pressure recorded in in/WC) (approximate location)

Notes:

Fan disconnect switch located on wall inside Building 14 beneath fan.

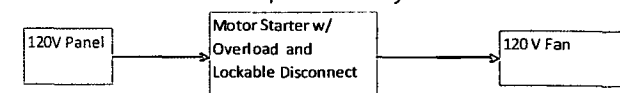
PFE Test data collected and provided by Radon Home Services, November 11, 2011.

Locations are approximate based on field observations and are not surveyed.

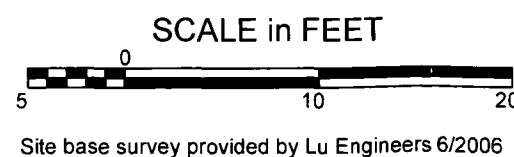
Trunk lines as shown are general piping run locations and are not surveyed.

System consists of a 3-inch schedule 40 PVC riser and suction point through the concrete connected to a 4-inch schedule 40 PVC trunk line. Each riser has a volume damper installed for adjusting pressures at individual suction points to equalize system pressure. Each riser also has a magnehelic gauge installed so that system pressure can be easily verified visually to ensure system performance. Piping is secured using standard galvanized split ring hangers and threaded rods. The 4-inch trunk line penetrates to the exterior through the roof. A blower is mounted on the roof and connected to the 4-inch trunk line. The blower is single phase, 220 volt, and continuous duty. Electrical was installed by Garlock maintenance staff.

Circuit schematic provided by Garlock



Magnehelic Gauge Readings	
Gauge I.D.	Baseline Reading (in/WC)
14-1	1.25
14-2	1.25



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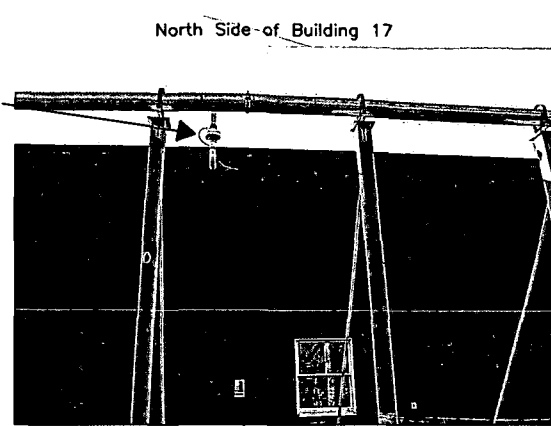
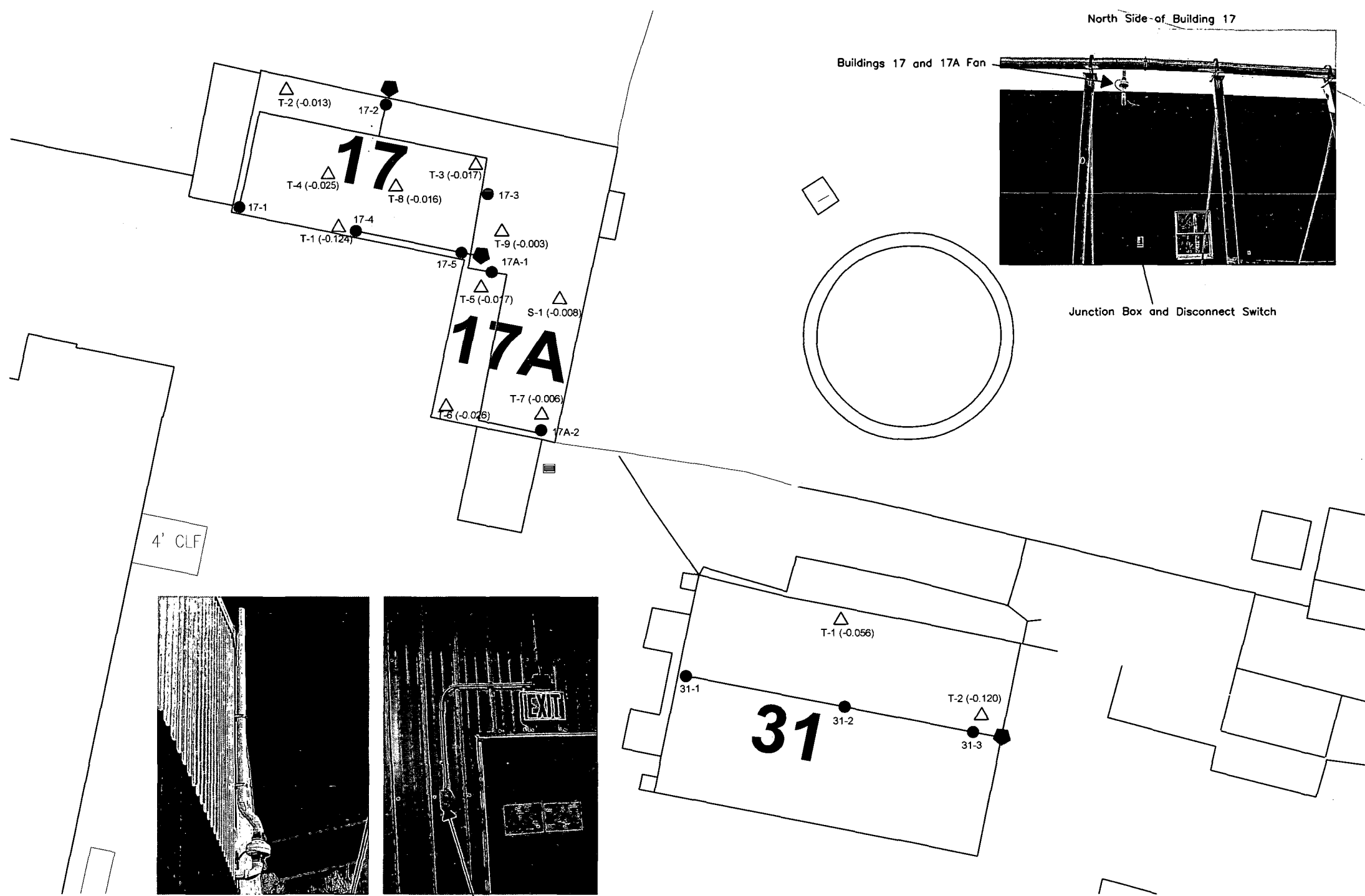
Syracuse, New York

DATE: 11/2011 JOB No: N1011

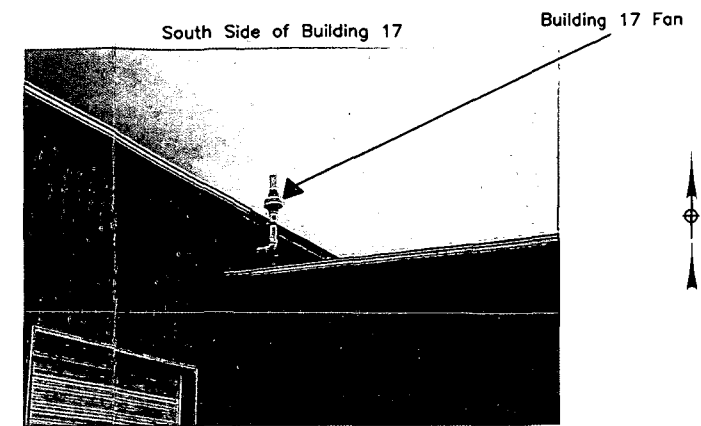
Garlock BCP Site No. 3 (BCP #C859028)
Site Management Plan
1666 Division Street, Palmyra
Wayne County, New York

Figure 17
Building 14 SSDS Layout and PFE Test Results

X-REF: NAMES?
2010/sep/syr/lem
J: PROJECTS\N-xxxx\N1000\N1011 - Garlock Site No. 3\SMF\Figures\Figure 18 - Buildings 17, 17A, and 31 SSDS.dwg



Junction Box and Disconnect Switch



Legend:

- 17-1
Floor penetration/suction point location and ID. (3-inch diameter schedule 40 PVC riser with a magnehelic gauge) (approximate location)
- Manifold/trunk line. (4 inch diameter schedule 40 PVC) (approximate location)
- ◆
Roof mounted fan location. (Access by extension ladder only) (approximate location)
- △
T-1 (-0.124)
Pressure Field Extension (PFE) test hole location and ID (pressure recorded in in/WC) (approximate location)

Notes:

Two fans are installed on Building 17. The fan on the north side of the building services suction points 17-1, 17-2, 17-3, 17A-1, and 17A-2. The one on the south side of the building services suction points 17-4 and 17-5.

Fan disconnect switch for the south fan on Building 17 is located on wall inside Building 17, beneath the fan.

Fan disconnect switch for the fan located on Building 31 is located on wall inside Building 31 beneath fan.

PFE Test data collected and provided by Radon Home Services, November 11, 2011.

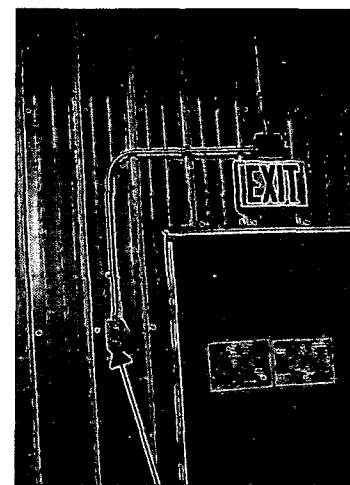
Locations are approximate based on field observations and are not surveyed.

Trunk lines as shown are general piping run locations and are not surveyed.

System consists of a 3-inch schedule 40 PVC riser and suction point through the concrete connected to a 4-inch schedule 40 PVC trunk line. Each riser has a volume damper installed for adjusting pressures at individual suction points to equalize system pressure. Each riser also has a magnehelic gauge installed so that system pressure can be easily verified visually to ensure system performance. Piping is secured using standards galvanized split ring hangers and threaded rods. The 4-inch trunk line penetrates to the exterior through the side-wall. A blower is mounted on the exterior side-wall and connected to the 4-inch trunk line. The blower is single phase, 120 volt, and continuous duty. Electrical was installed by Garlock maintenance staff.



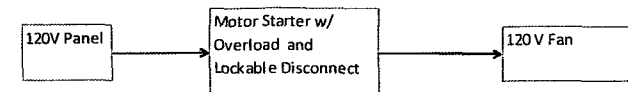
Building 31 Fan



Disconnect Switch (located inside Bldg 31 on east wall beneath fan)

Magnehelic Gauge Readings			
Gauge I.D.	Baseline Reading (in/WC)	Gauge I.D.	Baseline Reading (in/WC)
17-1	0.00	17A-1	0.00
17-2	0.00	17A-2	0.00
17-3	0.25	31-1	1.50
17-4	2.00	31-2	1.50
17-5	2.00	31-3	1.50

Circuit schematic provided by Garlock



Site base survey provided by Lu Engineers 6/2006

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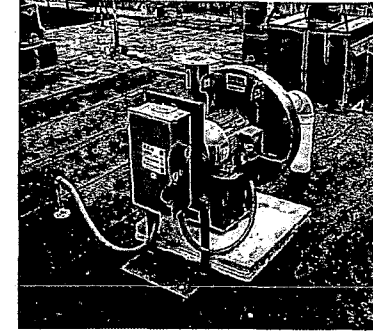
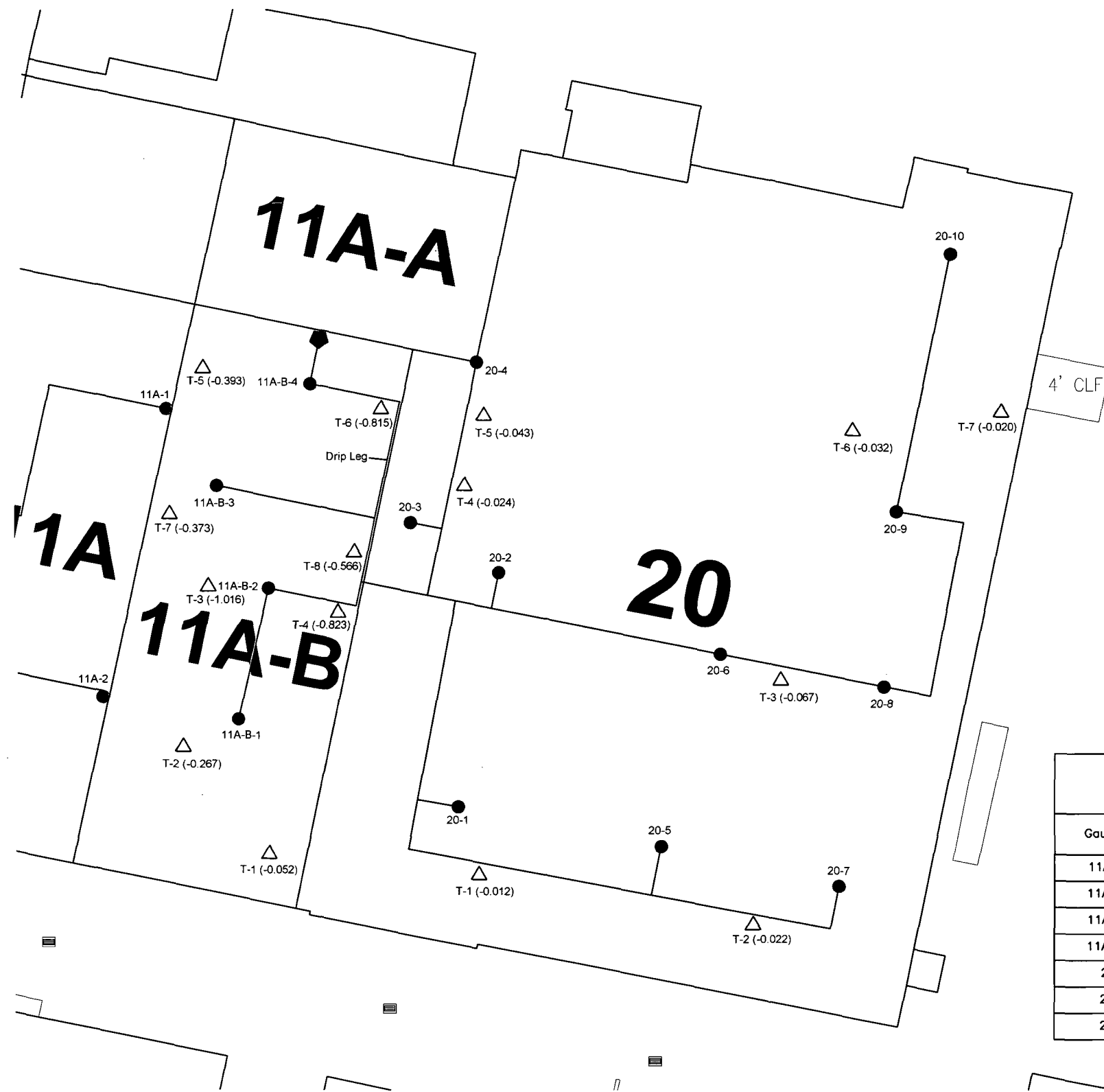
Syracuse, New York

DATE: 11/2011 JOB No: N1011

Garlock BCP Site No. 3 (BCP #C859028)
Site Management Plan
1666 Division Street, Palmyra
Wayne County, New York

Figure 18 – Building 17, 17A, and 31
SSDS Layout and PFE Test Results

X-REF: NAMES?
2010/sep/sr/lem
J:\PROJECTS\N-xxxx\11000\N1011 - Garlock Site No. 3\SMF\Figures\Figure 19 - Buildings 11A-A and 20 SSDS.dwg



Buildings 11A-A, 11A-B, and 20 Roof Mounted Fan and Disconnect Switch

Legend:

- 20-1 Floor penetration/suction point location and ID. (3-inch diameter schedule 40 PVC riser with a magnehelic gauge) (approximate location)
- Manifold/trunk line. (4 inch diameter schedule 40 PVC) (approximate location)
- Roof mounted fan location. (Access by ladder on north side of Bldg 11A-A) (approximate location)
- △ T-1 (-0.012) Pressure Field Extension (PFE) test hole location and ID (pressure recorded in in/WC) (approximate location)

Notes:

Fan disconnect switch located on roof of Building 11A-B near fan.

PFE Test data collected and provided by Radon Home Services, November 11, 2011.

Locations are approximate based on field observations and are not surveyed.

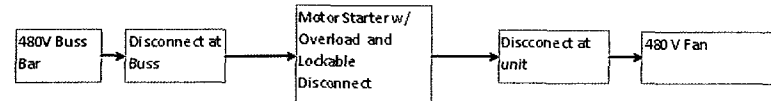
Trunk lines as shown are general piping run locations and are not surveyed.

System consists of 3-inch schedule 40 PVC riser and suction point through the concrete connected to a 4-inch schedule 40 PVC trunk line. Each riser has a volume damper installed for adjusting pressures at individual suction points to equalize system pressure. Each riser also has a magnehelic gauge installed so that system pressure can be easily verified visually to ensure system performance. Piping is secured using standard galvanized split ring hangers and threaded rods. The 4-inch trunk line penetrates to the exterior through the roof. A blower is mounted on the roof and connected to the 4-inch trunk line. The blower is single phase, 480 volt, and continuous duty. Electrical was installed by Garlock maintenance staff.

Magnehelic Gauge Readings

Gauge I.D.	Baseline Reading (in/WC)	Gauge I.D.	Baseline Reading (in/WC)
11A-B-1	2.25	20-4	1.00
11A-B-2	2.50	20-5	0.75
11A-B-3	5.00	20-6	0.75
11A-B-4	6.75	20-7	0.75
20-1	0.75	20-8	0.45
20-2	0.75	20-9	0.50
20-3	0.75	20-10	0.50

Circuit schematic provided by Garlock



Site base survey provided by Lu Engineers 6/2006

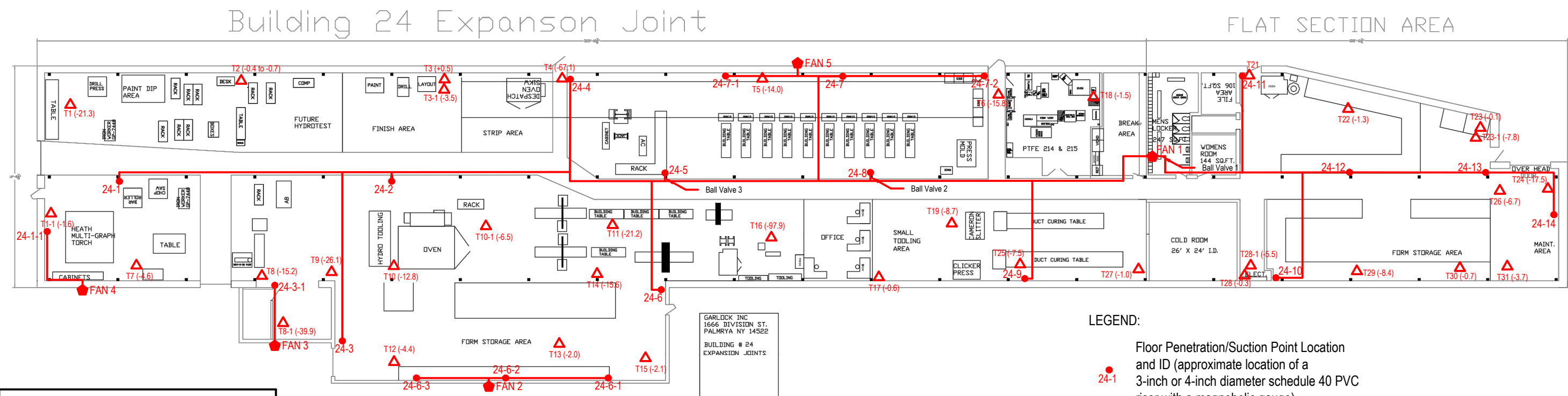
S&W Redevelopment
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Syracuse, New York

DATE: 11/2011 JOB No: N1011

Garlock BCP Site No. 3 (BCP #C859028)
Site Management Plan
1666 Division Street, Palmyra
Wayne County, New York

Figure 19 - Building 20
SSDS Layout and PFE Test Results



Baseline Magnehelic Gauge Readings			
Gauge I.D.	Baseline Reading (in/WC)	Gauge I.D.	Baseline Reading (in/WC)
24-1	2.0	24-7	1.9
24-1-1	0.8	24-7-1	1.5
24-2	2.0	24-7-2	1.2
24-3	2.1	24-8	1.9
24-3-1	0.9	24-9	5.6
24-4	2.1	24-10	3.5
24-5	2.4	24-11	4.2
24-6	2.3	24-12	3.5
24-6-1	1.8	24-13	3.2
24-6-2	1.8	24-14	3.1
24-6-3	1.8		

- NOTES:
- Baseline readings taken on 4-19-2016, following documentation of successful PFE testing.
 - in/WC - inches of water column

Building 24 Junction Box and Disconnect Switch (Fan 1)



Building 24 Roof Mounted Blower (Fan 1)



Building 24 Exterior Wall Mounted Blower, Junction Box, and Disconnect Switch (Fan 2)



Building 24 Exterior Wall Mounted Blower, Junction Box, and Disconnect Switch (Fan 3)



Building 24 Exterior Wall Mounted Blower, Junction Box, and Disconnect Switch (Fan 4)



Building 24 Exterior Wall Mounted Blower, Junction Box, and Disconnect Switch (Fan 5)



Ball Valve 1



Ball Valve 2



Ball Valve 3

LEGEND:

24-1
Floor Penetration/Suction Point Location and ID (approximate location of a 3-inch or 4-inch diameter schedule 40 PVC riser with a magnehelic gauge)

Roof Mounted Blower Location (approximate, access by ladder on east side of Building 24 (Fan 1)) and Exterior Wall Mounted Blower Locations (approximate, access by extension ladder (Fan 2, 3, 4, and 5))

Manifold/Trunk Line (approximate location, 4-inch diameter schedule 40 PVC)

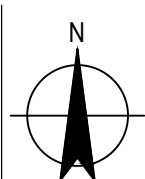
T1
Pressure Field Extension (PFE) Test Hole Location and ID (approximate location)

(-0.5) PFE Test Result (recorded in Pascals)

NOTES:

- Building 24 base figure provided by Garlock, and is not to scale.
- Fan disconnect switches located near each blower.
- PFE test data collected and provided by Radon Home Services, Inc., April 19, 2016.
- Locations are approximate based on field observations and are not surveyed.
- Trunk lines as shown are general piping run locations and are not surveyed.
- System consists of a 3-inch or 4-inch schedule 40 PVC riser and suction point through the concrete slab connected to a 4-inch schedule 40 PVC trunk line. Each riser has a volume damper installed for adjusting pressure at individual suction points to equalize system pressure. Each riser also has a magnehelic gauge installed so that system pressure can be easily verified visually to ensure system performance. Piping is secured using standard galvanized split ring hangers and threaded rods. The 4-inch trunk line penetrates to the exterior through the side-wall (western portion of system (Fan 1) and Fans 2, 3, 4, and 5) or the roof (eastern portion of system, Fan 1). A blower is mounted on the roof (Fan 1) or exterior wall (Fans 2, 3, 4, and 5) and connected to the 4-inch trunk lines. Electrical was installed by Garlock maintenance staff.

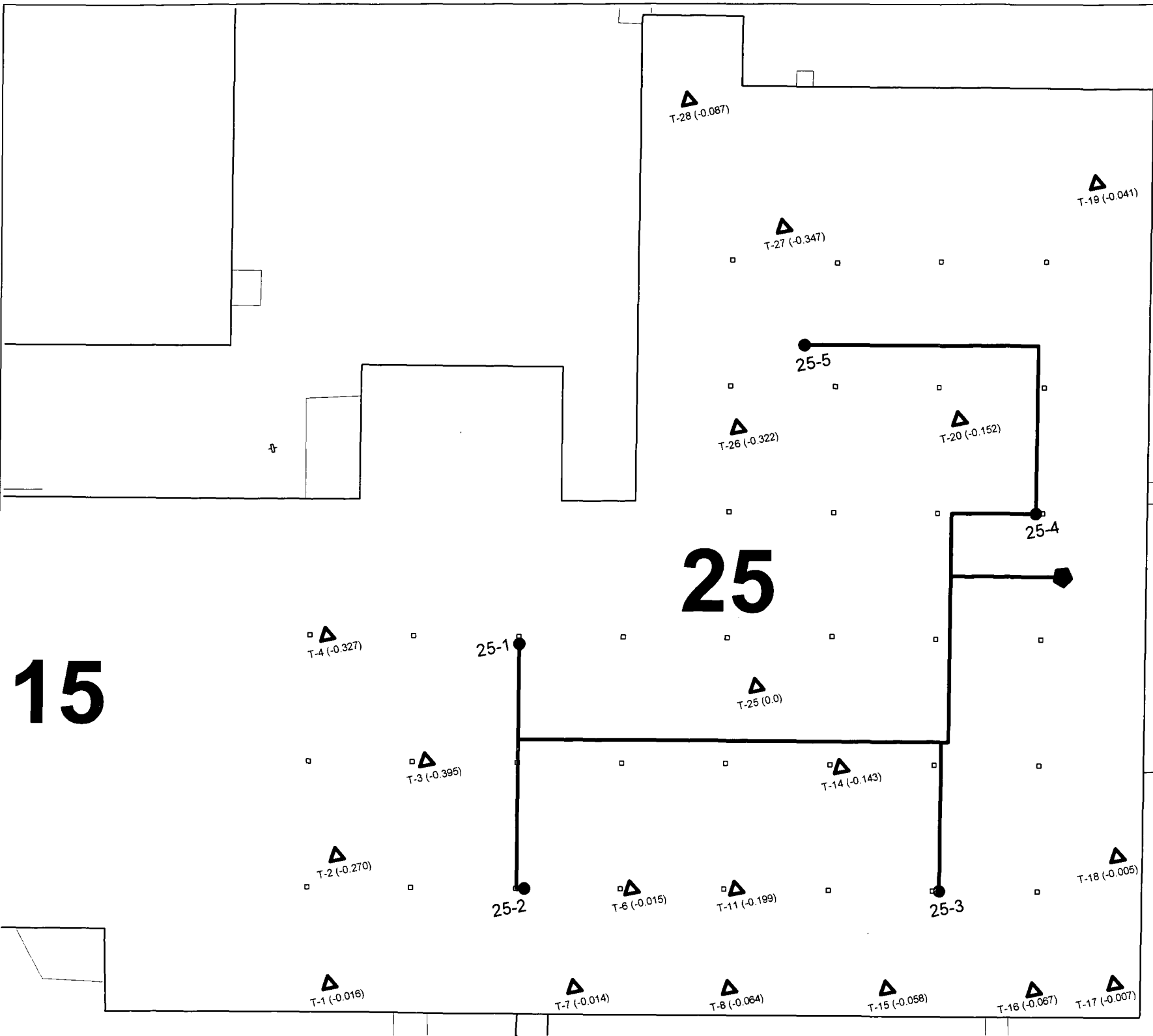
NOT TO SCALE



Garlock Sealing Technologies
Site No. 3 BCP Site (Site #C859028)
Site Management Plan
Building 24 SSDS Layout and
PFE Test Results

Job Number | 86-15140
Revision | A
Date | 07.11.2016
Figure 20

X-REF: NAMES?
2008/may/syt/jlk
J:\PROJECTS\N-xxxx\N1000\N1011 - Garlock Site No. 3\SMP\Figures\Figure 20 - Building 25 SSDS.dwg



Legend:

- Building Support Column
- 25-1 Floor penetration/suction point.
(3 inch diameter schedule 40 PVC riser) (approximate location)
- └ 4 inch diameter schedule 40 PVC manifold/trunk line (approximate location).
- ⬢ Roof mounted fan.
(Access by the center stairwell to roof) (approximate location)
- △ T-1 (-0.016) Pressure Field Extension (PFE) test hole location and ID
(pressure recorded in in/WC) (approximate location)

Notes:

Fan disconnect switch located on roof of Building 25 near fan.

PFE Test data collected and provided by Radon Home Services.

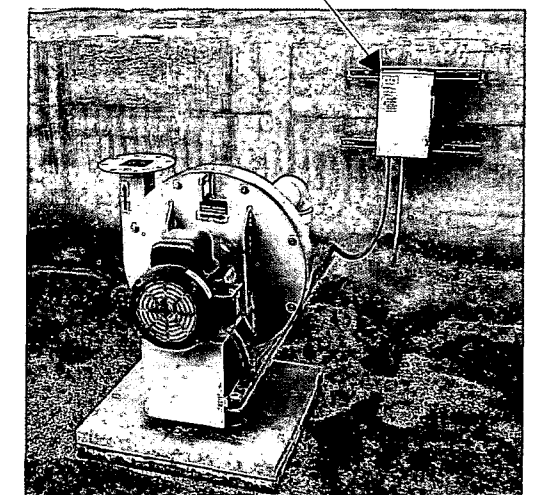
Locations are approximate based on field observations and are not surveyed.

Trunk lines as shown are general piping run locations and are not surveyed.

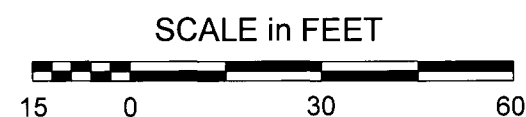
System consists of 3-inch schedule 40 PVC riser and suction point through the concrete connected to a 4-inch schedule 40 PVC trunk line. Each riser has a volume damper installed for adjusting pressures at individual suction points to equalize system pressure. Each riser also has a magnehelic gauge installed so that system pressure can be easily verified visually to ensure system performance. Piping is secured using standard galvanized split ring hangers and threaded rods. the 4-inch trunk line penetrates to the exterior through the roof. A blower is mounted on the roof and connected to the 4-inch trunk line. The blower is single phase, 480 volt, and continuous duty. Electrical was installed by Garlock maintenance staff.

Magnehelic Gauge Readings	
Gauge I.D.	Baseline Reading (in/WC)
25-1	10.50
25-2	10.00
25-3	12.25
25-4	13.50
25-5	12.50

Fan Junction Box and Disconnect Switch

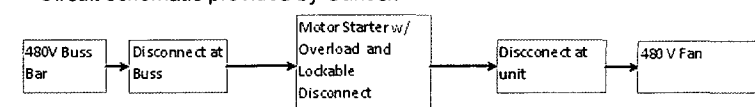


Building 25 Roof Mounted Fan



Site base survey provided by Lu Engineers 6/2006.

Circuit schematic provided by Garlock



S&W Redevelopment
of North America, LLC.

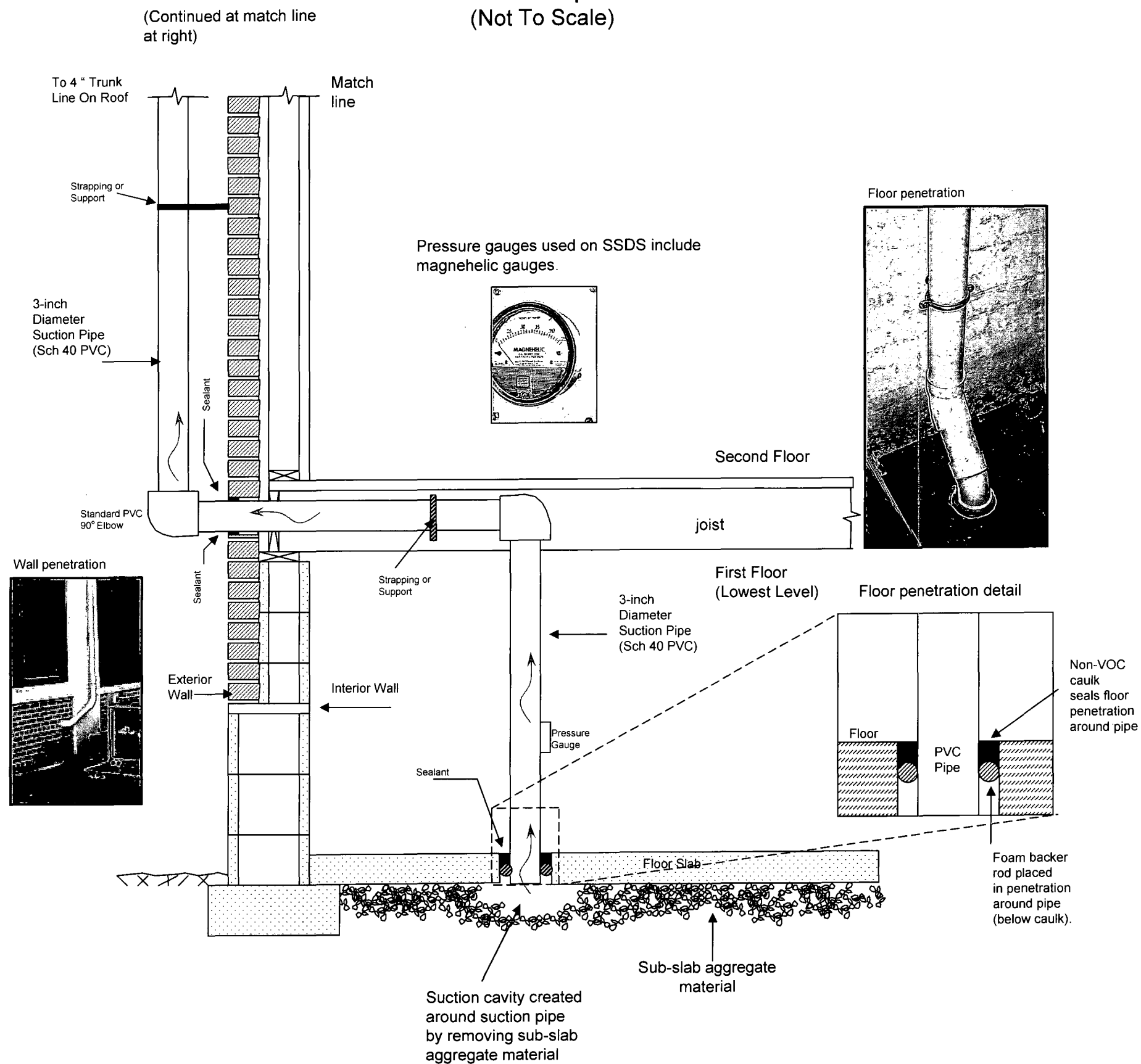
Syracuse, New York

DATE: 11/2011 JOB No: N1011

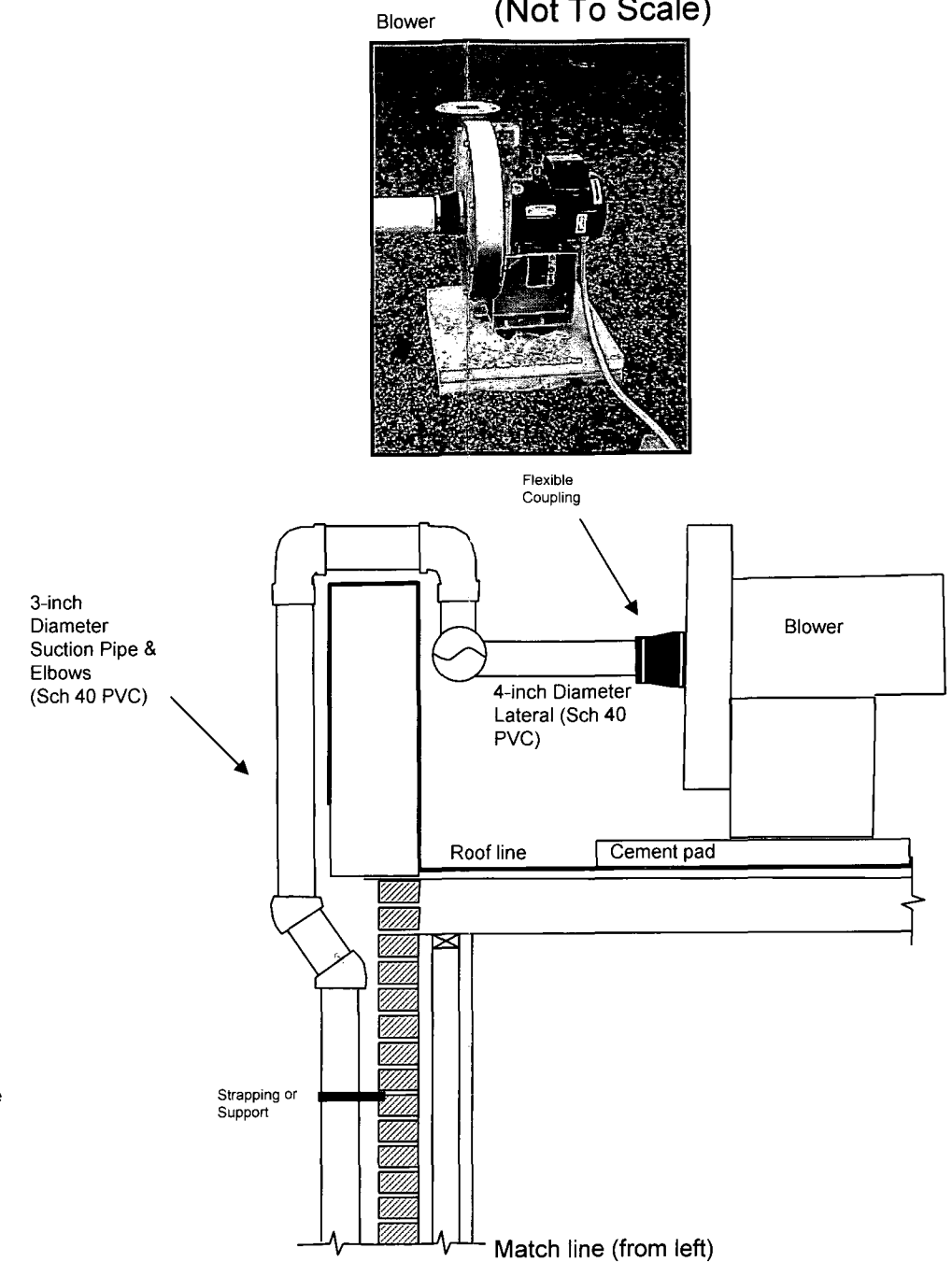
Garlock BCP Site No. 3 (BCP #C859028)
Site Management Plan
1666 Division Street, Palmyra
Wayne County, New York

Figure 21 - Building 25
SSDS Layout and PFE Test Results

Interior Components (Not To Scale)



Exterior Components (Not To Scale)



S&W Redevelopment
of North America, LLC
Syracuse, New York

DATE: 11/2011

JOB No. N1011

Garlock BCP Site No. 3 (BCP #C859028)
Site Management Plan
1666 Division Street, Palmyra
Wayne County, New York

Figure 22
Sub-Slab Depressurization System (SSDS)
Equipment/Construction Details

Appendix D

**Excavation Documentation, Waste
Characterization Documentation, and
Disposal Manifests**

Daily Readings for VOC and Particulate Matter (Dust)

Date: 8/7/2020

Time: 8:01am

Contractor: Pulcini's

Attendee(s): Carmie SanAngelo

Surface Condition: pavement

Temperature: 64°

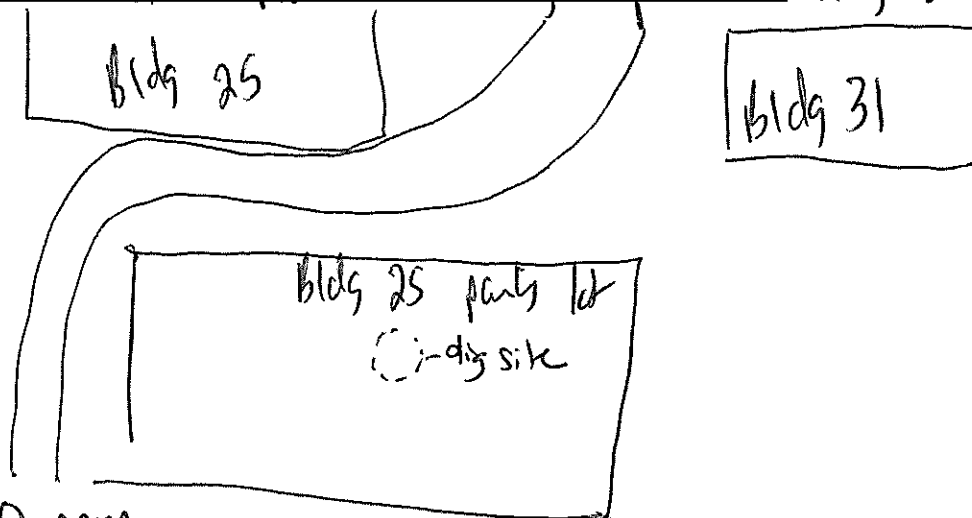
Weather: Sunny

Precipitation: n/a

Wind Direction: light from NW

Description of Job: dig to install new exterior light pole in Bldg 25 party lot

Sketch:



VOC

Upwind Reading: 0.0 ppm

(This is the background reading)

Downwind Reading: 0.0 ppm

(<5ppm above background for 15 min avg)

DUST

Upwind Reading: 0.008 mg/m³

(This is the background reading)

Downwind Reading: 0.006 mg/m³

(Must be <100 ug/m over background. If > 100 ug/m³ for 15 min, must start dust suppression. Work may continue if NO visible dust & background is <150 ug/m³)

Daily Readings for VOC and Particulate Matter (Dust)

Date: 8/12/2020

Time: 8am

Contractor: Pulcini

Attendee(s): Carm San Angelo

Surface Condition: dry, pavement

Temperature: 69°F

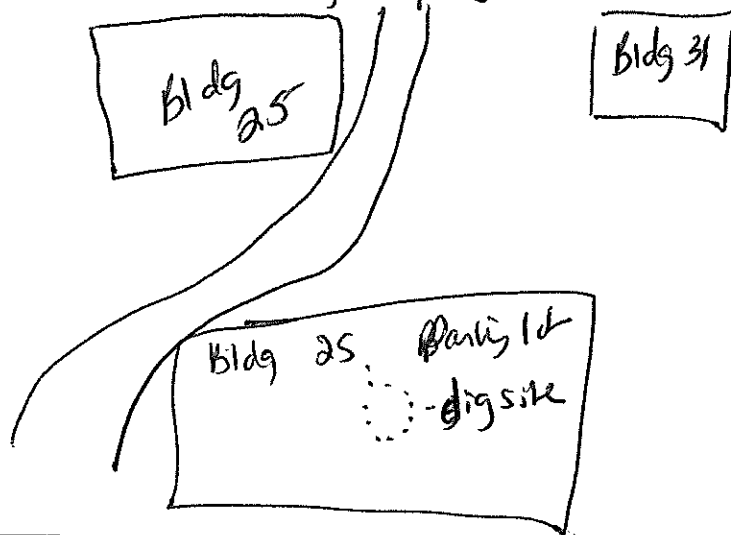
Weather: Sunny

Precipitation: none

Wind Direction: light, from NW

Description of Job: installation of new exterior light pole

Sketch:



VOC

Upwind Reading: 0.0 ppm

(This is the background reading)

Downwind Reading: 0.0 ppm

(<5ppm above background for 15 min avg)

DUST

Upwind Reading: 0.008 mg/m³

(This is the background reading)

Downwind Reading: 0.007 ~~mg~~ mg/m³

(Must be <100 ug/m over background. If > 100 ug/m³ for 15 min, must start dust suppression. Work may continue if NO visible dust & background is <150 ug/m³)

VOC Continuous Monitoring Data

Date: 8/12/2020

Time Reading

0.0 8am

0.0 8:20am

0.0 8:35am

0.0 8:50

0.0 9:10

0.0 9:25

0.0 9:40

0.0 9:55am - done w/ dig

Time

Reading

Daily Readings for VOC and Particulate Matter (Dust)

Date: 8/18

Time: 10:21 Am

Contractor: Pulcini, AAC Contracting

Attendee(s): Dylan Ide

Surface Condition: dry, Pavement

Temperature: 72° F

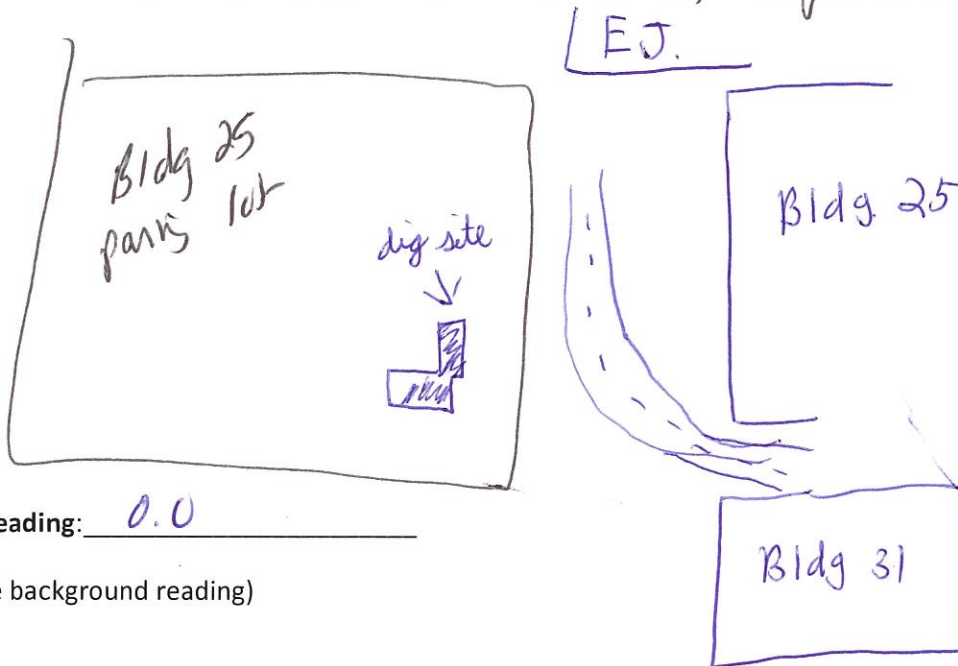
Weather: Sunny

Precipitation: none

Wind Direction: NW

Description of Job: Installation of new light pole

Sketch:



VOC

Upwind Reading: 0.0

(This is the background reading)

Downwind Reading: 0.0

(<5ppm above background for 15 min avg)

DUST

Upwind Reading: 0.0

(This is the background reading)

Downwind Reading: 0.032

(Must be <100 ug/m over background. If > 100 ug/m³ for 15 min, must start dust suppression. Work may continue if NO visible dust & background is <150 ug/m³)

Time	Reading

[illegible]

down word

Instrument (S/N)	Test #	Date	Start Time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
DustTrak DRX 8533151305	002	08/05/2020	07:31:47	0:05:00:00	0.007	mg/m ³	PM1	0.011	0.000
					0.008	mg/m ³	PM2.5	0.011	0.000
					0.008	mg/m ³	RESP	0.011	0.000
					0.008	mg/m ³	PM10	0.012	0.000
					0.008	mg/m ³	TOTAL	0.013	0.000
DustTrak DRX 8533151305	003	08/07/2020	07:03:22	0:04:34:00	0.004	mg/m ³	PM1	0.010	0.000
					0.004	mg/m ³	PM2.5	0.010	0.000
					0.004	mg/m ³	RESP	0.010	0.000
					0.005	mg/m ³	PM10	0.011	0.000
					0.005	mg/m ³	TOTAL	0.011	0.000
DustTrak DRX 8533151305	004	08/10/2020	06:51:51	0:05:44:00	0.018	mg/m ³	PM1	0.024	0.000
					0.019	mg/m ³	PM2.5	0.026	0.000
					0.019	mg/m ³	RESP	0.028	0.000
					0.020	mg/m ³	PM10	0.036	0.000
					0.020	mg/m ³	TOTAL	0.038	0.000
DustTrak DRX 8533151305	005	08/12/2020	07:06:05	1:00:00:00	0.008	mg/m ³	PM1	0.018	0.000
					0.008	mg/m ³	PM2.5	0.018	0.000
					0.008	mg/m ³	RESP	0.018	0.000
					0.010	mg/m ³	PM10	0.024	0.000
					0.010	mg/m ³	TOTAL	0.029	0.000
DustTrak DRX 8533151305	011	08/20/2020	08:32:56	0:04:04:00	-0.005	mg/m ³	PM1	0.000	-0.006
					-0.005	mg/m ³	PM2.5	0.000	-0.006
					-0.004	mg/m ³	RESP	0.000	-0.005
					-0.004	mg/m ³	PM10	0.000	-0.005
					-0.004	mg/m ³	TOTAL	0.001	-0.005
DustTrak DRX 8533151305	012	08/21/2020	07:15:50	0:07:00:00	0.002	mg/m ³	PM1	0.014	0.000

down w/nd

Instrument [S/N]	Test #	Date	Start Time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
DustTrak DRX 8533151305	012	08/21/2020	07:15:50	0:07:00:00	0.002	mg/m ³	PM2.5	0.014	0.000
					0.002	mg/m ³	RESP	0.014	0.000
					0.003	mg/m ³	PM10	0.015	0.000
					0.003	mg/m ³	TOTAL	0.015	0.000
DustTrak DRX 8533151305	014	08/27/2020	08:35:08	0:02:30:00	0.052	mg/m ³	PM1	0.064	0.044
					0.053	mg/m ³	PM2.5	0.065	0.045
					0.053	mg/m ³	RESP	0.066	0.045
					0.055	mg/m ³	PM10	0.067	0.047
					0.058	mg/m ³	TOTAL	0.070	0.049
DustTrak DRX 8533151305	009	08/18/2020	07:06:46	0:00:45:00	0.000	mg/m ³	PM1	0.000	0.000
					0.000	mg/m ³	PM2.5	0.000	0.000
					0.000	mg/m ³	RESP	0.000	0.000
					0.000	mg/m ³	PM10	0.000	0.000
					0.000	mg/m ³	TOTAL	0.000	0.000
DustTrak DRX 8533151305	013	08/26/2020	10:35:38	0:02:30:00	0.003	mg/m ³	PM1	0.010	0.000
					0.003	mg/m ³	PM2.5	0.011	0.000
					0.003	mg/m ³	RESP	0.011	0.000
					0.004	mg/m ³	PM10	0.011	0.000
					0.004	mg/m ³	TOTAL	0.012	0.000
DustTrak DRX 8533151305	005	08/14/2020	09:19:26	0:01:30:00	0.014	mg/m ³	PM1	0.020	0.011
					0.014	mg/m ³	PM2.5	0.020	0.011
					0.014	mg/m ³	RESP	0.021	0.011
					0.015	mg/m ³	PM10	0.021	0.012
					0.015	mg/m ³	TOTAL	0.022	0.012
DustTrak DRX 8533151305	010	08/18/2020	09:16:20	0:01:30:00	-0.004	mg/m ³	PM1	-0.003	-0.005
					-0.004	mg/m ³	PM2.5	-0.003	-0.005

down wind

Instrument [S/N]	Test #	Date	Start Time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
DustTrak DRX 8533151305	010	08/18/2020	09:16:20	0:01:30:00	-0.004	mg/m ³	RESP	-0.003	-0.004
					-0.004	mg/m ³	PM10	-0.002	-0.004
					-0.004	mg/m ³	TOTAL	-0.002	-0.004
	007	08/17/2020	06:10:30	0:02:15:00	0.038	mg/m ³	PM1	0.082	-0.032
					0.039	mg/m ³	PM2.5	0.082	-0.032
					0.039	mg/m ³	RESP	0.082	-0.032
					0.039	mg/m ³	PM10	0.083	-0.032
					0.039	mg/m ³	TOTAL	0.083	-0.032
DustTrak DRX 8533151305	008	08/17/2020	11:01:08	0:00:30:00	0.000	mg/m ³	PM1	0.000	0.000
					0.000	mg/m ³	PM2.5	0.000	0.000
					0.000	mg/m ³	RESP	0.000	0.000
					0.001	mg/m ³	PM10	0.001	0.000
DustTrak DRX 8533151305	001	08/04/2020	07:11:15	0:05:10:00	0.001	mg/m ³	TOTAL	0.001	0.000
					0.009	mg/m ³	PM1	0.014	0.000
					0.009	mg/m ³	PM2.5	0.014	0.000
					0.009	mg/m ³	RESP	0.015	0.000
					0.009	mg/m ³	PM10	0.016	0.000
					0.009	mg/m ³	TOTAL	0.016	0.000

upwind

Instrument [S/N]	Test #	Date	Start Time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
DustTrak DRX 8533124408	013	08/26/2020	09:37:56	0:02:34:00	0.015	mg/m ³	TOTAL	0.215	0.003
DustTrak DRX 8533124408	012	08/21/2020	06:16:57	0:06:20:00	0.007	mg/m ³	PM1	0.054	0.000
					0.007	mg/m ³	PM2.5	0.056	0.000
					0.007	mg/m ³	RESP	0.059	0.000
					0.008	mg/m ³	PM10	0.070	0.000
					0.008	mg/m ³	TOTAL	0.071	0.000
DustTrak DRX 8533124408	010	08/18/2020	09:15:05	0:00:15:00	0.022	mg/m ³	PM1	0.085	0.005
DustTrak DRX 8533124408	006	08/14/2020	08:34:56	0:01:20:00	0.014	mg/m ³	PM1	0.022	0.011
					0.014	mg/m ³	PM2.5	0.023	0.011
					0.014	mg/m ³	RESP	0.023	0.012
					0.015	mg/m ³	PM10	0.028	0.012
					0.015	mg/m ³	TOTAL	0.030	0.012
DustTrak DRX 8533124408	011	08/20/2020	07:40:13	0:04:01:00	0.006	mg/m ³	PM1	0.134	0.000
					0.006	mg/m ³	PM2.5	0.134	0.000
					0.006	mg/m ³	RESP	0.134	0.000
					0.006	mg/m ³	PM10	0.135	0.000
					0.006	mg/m ³	TOTAL	0.135	0.000
DustTrak DRX 8533124408	010	08/18/2020	09:39:43	0:00:15:00	0.017	mg/m ³	PM1	0.044	0.006
DustTrak DRX 8533124408	010	08/18/2020	08:39:45	0:00:15:00	0.019	mg/m ³	PM1	0.061	0.005
DustTrak DRX 8533124408	010	08/18/2020	08:17:29	0:00:15:00	0.013	mg/m ³	PM1	0.041	0.006
DustTrak DRX 8533124408	010	08/18/2020	08:55:43	0:00:15:00	0.021	mg/m ³	PM1	0.046	0.006
DustTrak DRX 8533124408	010	08/18/2020	08:17:28	0:01:38:00	0.018	mg/m ³	PM1	0.076	0.005
					0.018	mg/m ³	PM2.5	0.084	0.005
					0.019	mg/m ³	RESP	0.097	0.005
					0.022	mg/m ³	PM10	0.160	0.005
					0.022	mg/m ³	TOTAL	0.165	0.006

upwind

Instrument [S/N]	Test #	Date	Start Time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
DustTrak DRX 8533124408	001	08/04/2020	06:11:22	0:00:15:00	0.015	mg/m ³	PM1	0.027	0.012
DustTrak DRX 8533124408	001	08/04/2020	07:03:32	0:00:15:00	0.031	mg/m ³	PM1	0.170	0.010
DustTrak DRX 8533124408	011	08/20/2020	07:40:15	0:00:15:00	0.006	mg/m ³	PM1	0.023	0.003
DustTrak DRX 8533124408	011	08/20/2020	08:55:47	0:00:15:00	0.025	mg/m ³	PM1	0.226	0.004
DustTrak DRX 8533124408	013	08/26/2020	11:03:35	0:00:15:00	0.006	mg/m ³	PM1	0.027	0.003
DustTrak DRX 8533124408	013	08/26/2020	11:47:11	0:00:15:00	0.012	mg/m ³	PM1	0.059	0.003
DustTrak DRX 8533124408	014	08/27/2020	07:42:12	0:00:15:00	0.011	mg/m ³	PM1	0.039	0.001
DustTrak DRX 8533124408	014	08/27/2020	07:36:29	0:02:47:00	0.005	mg/m ³	PM1	0.047	0.000
					0.006	mg/m ³	PM2.5	0.048	0.000
					0.006	mg/m ³	RESP	0.048	0.000
					0.006	mg/m ³	PM10	0.049	0.001
					0.006	mg/m ³	TOTAL	0.049	0.001
DustTrak DRX 8533124408	013	08/26/2020	10:38:18	0:00:15:00	0.028	mg/m ³	PM1	0.194	0.003
DustTrak DRX 8533124408	013	08/26/2020	11:25:26	0:00:15:00	0.010	mg/m ³	PM1	0.045	0.003
DustTrak DRX 8533124408	002	08/05/2020	06:32:49	0:05:20:00	0.011	mg/m ³	PM1	0.252	0.000
					0.011	mg/m ³	PM2.5	0.252	0.000
					0.011	mg/m ³	RESP	0.254	0.000
					0.012	mg/m ³	PM10	0.282	0.000
					0.012	mg/m ³	TOTAL	0.306	0.000
DustTrak DRX 8533124408	013	08/26/2020	09:54:20	0:00:15:00	0.014	mg/m ³	PM1	0.082	0.002
DustTrak DRX 8533124408	013	08/26/2020	10:23:18	0:00:15:00	0.018	mg/m ³	PM1	0.083	0.003
DustTrak DRX 8533124408	013	08/26/2020	09:38:02	0:00:15:00	0.032	mg/m ³	PM1	0.123	0.004
DustTrak DRX 8533124408	013	08/26/2020	09:37:56	0:02:34:00	0.014	mg/m ³	PM1	0.214	0.002
					0.014	mg/m ³	PM2.5	0.214	0.003
					0.014	mg/m ³	RESP	0.215	0.003
					0.015	mg/m ³	PM10	0.215	0.003

upwind

Instrument [S/N]	Test #	Date	Start Time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
DustTrak DRX 8533124408	007	08/17/2020	05:08:20	0:02:20:00	0.026	mg/m ³	PM1	0.053	0.019
					0.026	mg/m ³	PM2.5	0.053	0.019
					0.027	mg/m ³	RESP	0.054	0.019
					0.027	mg/m ³	PM10	0.054	0.019
					0.027	mg/m ³	TOTAL	0.054	0.019
DustTrak DRX 8533124408	009	08/18/2020	06:10:33	0:00:15:00	0.020	mg/m ³	PM1	0.043	0.009
DustTrak DRX 8533124408	009	08/18/2020	06:25:44	0:00:15:00	0.022	mg/m ³	PM1	0.036	0.009
DustTrak DRX 8533124408	008	08/17/2020	10:00:54	0:00:39:00	0.009	mg/m ³	PM1	0.010	0.008
					0.009	mg/m ³	PM2.5	0.010	0.008
					0.009	mg/m ³	RESP	0.011	0.008
					0.009	mg/m ³	PM10	0.012	0.008
					0.009	mg/m ³	TOTAL	0.012	0.008
DustTrak DRX 8533124408	009	08/18/2020	06:10:32	0:00:49:00	0.017	mg/m ³	PM1	0.043	0.007
					0.017	mg/m ³	PM2.5	0.044	0.008
					0.018	mg/m ³	RESP	0.047	0.008
					0.019	mg/m ³	PM10	0.090	0.008
					0.019	mg/m ³	TOTAL	0.093	0.008
DustTrak DRX 8533124408	004	08/10/2020	05:53:59	0:05:46:00	0.018	mg/m ³	PM1	0.165	0.000
					0.018	mg/m ³	PM2.5	0.190	0.000
					0.019	mg/m ³	RESP	0.242	0.000
					0.020	mg/m ³	PM10	0.472	0.000
					0.020	mg/m ³	TOTAL	0.474	0.000
DustTrak DRX 8533124408	007	08/17/2020	05:33:39	0:00:15:00	0.025	mg/m ³	PM1	0.041	0.023
DustTrak DRX 8533124408	004	08/10/2020	10:02:02	0:00:15:00	0.028	mg/m ³	PM1	0.166	0.017
DustTrak DRX 8533124408	005	08/12/2020	06:05:13	1:00:00:00	0.008	mg/m ³	PM1	0.029	0.005
					0.008	mg/m ³	PM2.5	0.029	0.005

upwind

Instrument [S/N]	Test #	Date	Start time	Duration dd:hh:mm:ss	Average	Units	Channel	Maximum	Minimum
DustTrak DEX 8533124408	005	08/12/2020	06:05:13	1:00:00:00	0.008	mg/m ³	RESP	0.030	0.005
					0.009	mg/m ³	PM10	0.033	0.005
					0.009	mg/m ³	TOTAL	0.033	0.005
DustTrak DEX 8533124408	004	08/10/2020	05:54:33	0:00:15:00	0.018	mg/m ³	PM1	0.026	0.016
DustTrak DEX 8533124408	002	08/05/2020	06:32:51	0:00:15:00	0.028	mg/m ³	PM1	0.251	0.010
DustTrak DEX 8533124408	002	08/05/2020	08:30:02	0:00:15:00	0.015	mg/m ³	PM1	0.032	0.006
DustTrak DEX 8533124408	003	08/07/2020	07:04:18	0:00:15:00	0.009	mg/m ³	PM1	0.030	0.005
DustTrak DEX 8533124408	003	08/07/2020	08:08:02	0:00:15:00	0.009	mg/m ³	PM1	0.046	0.006
DustTrak DEX 8533124408	003	08/07/2020	06:04:34	0:04:38:00	0.007	mg/m ³	PM1	0.053	0.000
					0.008	mg/m ³	PM2.5	0.061	0.000
					0.009	mg/m ³	RESP	0.076	0.000
					0.009	mg/m ³	PM10	0.145	0.000
					0.009	mg/m ³	TOTAL	0.147	0.000
DustTrak DEX 8533124408	001	08/04/2020	06:10:53	0:05:16:00	0.010	mg/m ³	PM1	0.171	0.000
					0.011	mg/m ³	PM2.5	0.172	0.000
					0.011	mg/m ³	RESP	0.173	0.000
					0.012	mg/m ³	PM10	0.212	0.000
					0.012	mg/m ³	TOTAL	0.226	0.000

66,640



Please print or type.

DID: 77629

Form Approved OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002210920		2. Page 1 of 1		3. Emergency Response Phone CHEMTREC CCN 860580 800-424-9300		4. Manifest Tracking Number 020994715 JJK																																											
		5. Generator's Name and Mailing Address GARLOCK SEALING TECHNOLOGIES, LLC 1666 DIVISION STREET PALMYRA, NY 14522								Generator's Site Address (if different than mailing address)																																									
6. Transporter 1 Company Name TONAWANDA TANK TRANSPORT SERVICE, INC.								U.S. EPA ID Number NYD097644801																																											
								U.S. EPA ID Number																																											
7. Transporter 2 Company Name 								U.S. EPA ID Number																																											
								U.S. EPA ID Number																																											
8. Designated Facility Name and Site Address MICHIGAN DISPOSAL WASTE TREATMENT PLANT 49350 NORTH I-94 SERVICE DRIVE BELLEVILLE, MI 48111								U.S. EPA ID Number MID000724831																																											
								U.S. EPA ID Number																																											
Facility's Phone: 800-592-5489		9a. HM 		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any)) RQ NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (F002) 9, PG III		10. Containers <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th style="width:10%;">No.</th> <th style="width:10%;">Type</th> <th style="width:10%;">11. Total Quantity</th> <th style="width:10%;">12. Unit Wt./Vol</th> <th colspan="3" style="width:50%;">13. Waste Codes</th> </tr> <tr> <td style="text-align: center;">1</td> <td style="text-align: center;">CM</td> <td style="text-align: center;">34000</td> <td style="text-align: center;">P</td> <td style="text-align: center;">F002</td> <td></td> <td style="text-align: center;">T</td> </tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> <tr><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td><td> </td></tr> </table>		No.	Type	11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes			1	CM	34000	P	F002		T																														
								No.	Type	11. Total Quantity	12. Unit Wt./Vol	13. Waste Codes																																							
1	CM	34000	P	F002		T																																													
14. Special Handling Instructions and Additional Information 1.) WELL DEVELOPMENT SOIL (D1232980 WTSMDI) ERG#171 WTS ORDER # 83428 CONFIRMATION#																																																			
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.																																																			
Generator's/Officer's Printed/Typed Name: Carrie San Angelo Signature: <i>Carrie San Angelo</i> Month: 5 Day: 21 Year: 20																																																			
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____																																																			
17. Transporter Acknowledgment of Receipt of Materials																																																			
Transporter 1 Printed/Typed Name: DENNIS KELICHER Signature: <i>Dennis Kelicher</i> Month: 05 Day: 21 Year: 20 Transporter 2 Printed/Typed Name: _____ Signature: _____ Month: _____ Day: _____ Year: _____																																																			
18. Discrepancy																																																			
18a. Discrepancy Indication Space ☒ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection ACTUAL weight 22320 POK per Jon Palmer w/ WTS SMC 6/4/20 Manifest Reference Number: _____																																																			
18b. Alternate Facility (or Generator) U.S. EPA ID Number																																																			
Facility's Phone: _____																																																			
18c. Signature of Alternate Facility (or Generator) Month: _____ Day: _____ Year: _____																																																			
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)																																																			
1. H100 2. _____ 3. _____ 4. _____																																																			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest (except as noted in Item 18a)																																																			
Printed/Typed Name: Rene Salce Jr. Signature: <i>Rene Salce Jr.</i> Month: 06 Day: 02 Year: 20																																																			

Form Approved, OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002210920	2. Page 1 of 1	3. Emergency Response Phone CHEMTREC CCN 860580 800-424-9300	4. Manifest Tracking Number 020994922 JJK				
5. Generator's Name and Mailing Address GARLOCK SEALING TECHNOLOGIES, LLC 1666 DIVISION STREET PALMYRA, NY 14522			Generator's Site Address (if different than mailing address)						
Generator's Phone: 315-597-7311 ATTN: CARRIE SANANGELO									
6. Transporter 1 Company Name TONAWANDA TANK TRANSPORT SERVICE, INC.			U.S. EPA ID Number NYD097644801						
7. Transporter 2 Company Name			U.S. EPA ID Number						
8. Designated Facility Name and Site Address MICHIGAN DISPOSAL WASTE TREATMENT PLANT 49350 NORTH I-94 SERVICE DRIVE BELLEVILLE, MI 48111			U.S. EPA ID Number MID000724831						
Facility's Phone: 800-592-5489									
9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
			No.	Type					
	X	1. RI NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (F002) 9, PG III	1	CM	34 EST 1000	P	F002		T
		2.							
		3.							
4.									
14. Special Handling Instructions and Additional Information 1.) WELL DEVELOPMENT SOIL (D1232980 WTSMDI) ERC#171 WTS ORDER # 83651 CONFIRMATION#944751									
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.									
Generator's/Offeror's Printed/Typed Name Carrie San Angelo			Signature Carrie San Angelo			Month 5	Day 28	Year 20	
16. International Shipments ☐ Import to U.S. ☐ Export from U.S.			Port of entry/exit: Date leaving U.S.:						
17. Transporter Acknowledgment of Receipt of Materials									
Transporter 1 Printed/Typed Name Albert Orzech			Signature Albert Orzech			Month 5	Day 28	Year 20	
Transporter 2 Printed/Typed Name			Signature			Month	Day	Year	
18. Discrepancy									
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection									
Manifest Reference Number:									
18b. Alternate Facility (or Generator)						U.S. EPA ID Number			
Facility's Phone:									
18c. Signature of Alternate Facility (or Generator)						Month	Day	Year	
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)									
1.		2.		3.		4.			
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a									
Printed/Typed Name			Signature			Month	Day	Year	

Please print or type.

DID: 77629

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002210920		2. Page 1 of 1		3. Emergency Response Phone CHEMTREC CCN 860580 800-424-9300		4. Manifest Tracking Number 020994715 JJK					
5. Generator's Name and Mailing Address GARLOCK SEALING TECHNOLOGIES, LLC 1666 DIVISION STREET PALMYRA, NY 14522						Generator's Site Address (if different than mailing address)							
Generator's Phone: 315-597-7311 ATTN: CARRIE SANANGELO													
6. Transporter 1 Company Name TONAWANDA TANK TRANSPORT SERVICE, INC.						U.S. EPA ID Number NYD097644801							
7. Transporter 2 Company Name						U.S. EPA ID Number							
8. Designated Facility Name and Site Address MICHIGAN DISPOSAL WASTE TREATMENT PLANT 49350 NORTH I-94 SERVICE DRIVE BELLEVILLE, MI 48111						U.S. EPA ID Number MID000724831							
Facility's Phone: 800-597-5489													
9a. HM		9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))				10. Containers		11. Total Quantity		12. Unit Wt./Vol.		13. Waste Codes	
						No. Type							
X		1. RQ NA3077, HAZARDOUS WASTE, SOLID, N.O.S. (F002) 9, PG III				1 CM		34000 P				F002	
		2.										T	
		3.											
		4.											
14. Special Handling Instructions and Additional Information 1.) WELL DEVELOPMENT SOIL (D1232980 WTSMDI) ERG#171 WTS ORDER # 83428 CONFIRMATION#													
15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent. I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.													
Generator's/Officer's Printed/Typed Name Carrie San Angelo						Signature Carrie San Angelo				Month Day Year 5 21 20			
16. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Transporter signature (for exports only): _____ Date leaving U.S.: _____													
17. Transporter Acknowledgment of Receipt of Materials													
Transporter 1 Printed/Typed Name DENNIS KELICHNER						Signature Dennis Kelichner				Month Day Year 05 21 20			
Transporter 2 Printed/Typed Name						Signature				Month Day Year			
18. Discrepancy													
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection													
Manifest Reference Number: _____													
18b. Alternate Facility (or Generator) U.S. EPA ID Number													
Facility's Phone: _____													
18c. Signature of Alternate Facility (or Generator) Month Day Year													
19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)													
1.		2.		3.		4.							
20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a													
Printed/Typed Name						Signature				Month Day Year			



TID: 77482

NON-HAZARDOUS
WASTE MANIFEST1. Generator ID Number
NYD0022109202. Page 1 of
13. Emergency Response Phone
CHEMTREC CLN 800-424-9300

4. Waste Tracking Number

03423A

5. Generator's Name and Mailing Address
GARLOCK SEALING TECHNOLOGIES, LLC
1666 DIVISION STREET
PALMYRA, NY 14522

Generator's Site Address (if different than mailing address)

Generator's Phone: 315-597-7311 ATTN: CARRIE SANANGELO

6. Transporter 1 Company Name

SILVAROLE TRUCKING, INC.

U.S. EPA ID Number

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
WM - HIGH ACRES LANDFILL
425 PERINTON PARKWAY
FAIRPORT, NY 14450

U.S. EPA ID Number

Facility's Phone: 585-254-7574

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity12. Unit
Wt./Vol.

1. NON-REGULATED MATERIAL (NON-HAZARDOUS SOIL)

1

CM

44000

P

NONE

2.

3.

4.

13. Special Handling Instructions and Additional Information
1) NON-HAZARDOUS SOIL (122308NY)
WIS ORDER # B3422

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Carrie Sanangelo

Signature

Carrie Sanangelo

Month

5

Day

12

Year

20

15. International Shipments

☐

Import to U.S.

☐

Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Keith Noel

Signature

Keith Noel

Month

5

Day

12

Year

20

Transporter 2 Printed/Typed Name

Signature

Month

Day

Year

17. Discrepancy

17a. Discrepancy Indication Space

☐

Quantity

☐

Type

☐

Residue

☐

Partial Rejection

☐

Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month

Day

Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month

Day

Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY



TID: 77482

GENERATOR	NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002210920	2. Page 1 of 1	3. Emergency Response Phone CHEMTREC CCN 860580 800-424-9300	4. Waste Tracking Number 83422B	
	5. Generator's Name and Mailing Address GARLOCK SEALING TECHNOLOGIES, LLC 1666 DIVISION STREET PALMYRA, NY 14522					Generator's Site Address (if different than mailing address)	
	Generator's Phone: 315-597-7311 ATTN: CARRIE SANANGELO						
	6. Transporter 1 Company Name SILVAROLE TRUCKING, INC.					U.S. EPA ID Number	
	7. Transporter 2 Company Name					U.S. EPA ID Number	
TRANSPORTER	8. Designated Facility Name and Site Address WM - HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450					U.S. EPA ID Number	
	Facility's Phone: 585-254-7574						
	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
			No.	Type			
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS SOTL)		/	CM	4400	P	NONE
DESIGNATED FACILITY	2.						
	3.						
	4.						
	13. Special Handling Instructions and Additional Information 1. NON-HAZARDOUS SOTL (122308NY) WTS ORDER # 83422						
	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.						
INT'L	Generator's/Offoror's Printed/Typed Name Carrie Sanangelo		Signature Carrie Sanangelo		Month Day Year 5 12 20		
	15. International Shipments		☐ Import to U.S. ☐ Export from U.S.		Port of entry/exit: Date leaving U.S.:		
	Transporter Signature (for exports only):						
	16. Transporter Acknowledgment of Receipt of Materials						
	Transporter 1 Printed/Typed Name Keith Noll		Signature Keith Noll		Month Day Year 5 12 20		
DESIGNATED FACILITY	Transporter 2 Printed/Typed Name		Signature		Month Day Year		
	17. Discrepancy						
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection						
	Manifest Reference Number:						
	17b. Alternate Facility (or Generator) U.S. EPA ID Number						
Facility's Phone:							
17c. Signature of Alternate Facility (or Generator) Month Day Year							
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a							
Printed/Typed Name		Signature		Month Day Year			

TID: 77482

GENERATOR	NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002210920		2. Page 1 of 1		3. Emergency Response Phone CHEMTREC CCN 850580 800-424-9300		4. Waste Tracking Number 83422F		
	5. Generator's Name and Mailing Address GARLOCK SEALING TECHNOLOGIES, LLC 1666 DIVISION STREET PALMYRA, NY 14522							Generator's Site Address (if different than mailing address)			
	Generator's Phone: 315-597-7311 ATTN: CARRIE SANANGELO										
	6. Transporter 1 Company Name SILVAROLE TRUCKING, INC.							U.S. EPA ID Number			
	7. Transporter 2 Company Name							U.S. EPA ID Number			
TRANSPORTER	8. Designated Facility Name and Site Address WM - HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450							U.S. EPA ID Number			
	Facility's Phone: 585-254-7574										
	9. Waste Shipping Name and Description					10. Containers		11. Total Quantity	12. Unit Wt./Vol.		
						No.	Type				
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS SOIL)					1	DT	44000	P	NONE	
2.											
3.											
4.											
DESIGNATED FACILITY	13. Special Handling Instructions and Additional Information 1) NON-HAZARDOUS SOIL (122308NY) WTS ORDER # 83422										
	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.										
	Generator's/Offlor's Printed/Typed Name Carrie San Angelo							Signature Carrie San Angelo		Month Day Year 5 13 20	
	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: _____ Date leaving U.S.: _____										
	16. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name Keith Noll							Signature Keith Noll		Month Day Year 5 13 20		
Transporter 2 Printed/Typed Name							Signature		Month Day Year		
17. Discrepancy											
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection											
Manifest Reference Number: _____ U.S. EPA ID Number _____											
17b. Alternate Facility (or Generator) _____											
Facility's Phone: _____											
17c. Signature of Alternate Facility (or Generator) _____ Month Day Year											
18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a											
Printed/Typed Name _____							Signature _____		Month Day Year		



TID: 77482

GENERATOR	NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002210920	2. Page 1 of 1	3. Emergency Response Phone CHEMTREC CCN 860580 800-424-9300	4. Waste Tracking Number 034226			
	5. Generator's Name and Mailing Address GARLOCK SEALING TECHNOLOGIES, LLC 1666 DIVISION STREET PALMYRA, NY 14522				Generator's Site Address (if different than mailing address)				
	Generator's Phone: 315-597-7311 ATTN: CARRIE SANANGELO								
	6. Transporter 1 Company Name SILVAROLE TRUCKING, INC.				U.S. EPA ID Number				
	7. Transporter 2 Company Name				U.S. EPA ID Number				
TRANSPORTER	8. Designated Facility Name and Site Address WM - HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450				U.S. EPA ID Number				
	Facility's Phone: 585-254-7574								
	9. Waste Shipping Name and Description		10. Containers		11. Total Quantity	12. Unit Wt./Vol.			
			No.	Type					
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS SOIL)		1	DT	4400	P	NONE		
DESIGNATED FACILITY	2.								
	3.								
	4.								
	13. Special Handling Instructions and Additional Information 1. NON-HAZARDOUS SOIL (122305NY) WIS ORDER # 83422								
	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.								
Generator's/Offor's Printed/Typed Name Carrie SanAngelo				Signature Carrie SanAngelo		Month 5	Day 13	Year 20	
DESIGNATED FACILITY	15. International Shipments ☐ Import to U.S. ☐ Export from U.S.				Port of entry/exit: Date leaving U.S.:				
	Transporter Signature (for exports only):								
	16. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name Keith Noil				Signature Keith Noil		Month 5	Day 13	Year 20
	Transporter 2 Printed/Typed Name				Signature		Month	Day	Year
DESIGNATED FACILITY	17. Discrepancy								
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
	Manifest Reference Number:								
	17b. Alternate Facility (or Generator) U.S. EPA ID Number								
	Facility's Phone:								
DESIGNATED FACILITY	17c. Signature of Alternate Facility (or Generator) Month Day Year								
	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a								
	Printed/Typed Name				Signature		Month	Day	Year



TID: 77482

GENERATOR	NON-HAZARDOUS WASTE MANIFEST		1. Generator ID Number NYD002210920	2. Page 1 of 1	3. Emergency Response Phone CHEMTREC CCN 880580 800-424-9300	4. Waste Tracking Number 83429E			
	5. Generator's Name and Mailing Address GARLOCK SEALING TECHNOLOGIES, LLC 1666 DIVISION STREET PALMYRA, NY 14522				Generator's Site Address (if different than mailing address)				
	Generator's Phone: 315-597-7311 ATTN: CARRIE SANANGELO								
	6. Transporter 1 Company Name SILVAROLE TRUCKING, INC.				U.S. EPA ID Number				
TRANSPORTER	7. Transporter 2 Company Name				U.S. EPA ID Number				
	8. Designated Facility Name and Site Address WM - HIGH ACRES LANDFILL 425 PERINTON PARKWAY FAIRPORT, NY 14450				U.S. EPA ID Number				
	Facility's Phone: 585-254-7574								
	9. Waste Shipping Name and Description				10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
					No.	Type			
	1. NON-REGULATED MATERIAL (NON-HAZARDOUS SOIL)				1	DT	4400	P	NONE
	2.								
	3.								
	4.								
DESIGNATED FACILITY	13. Special Handling Instructions and Additional Information 1.) NON-HAZARDOUS SOIL (122308NY) WTS ORDER # 83422								
	14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.								
	Generator's/Offor's Printed/Typed Name Carrie San Angelo				Signature Carrie San Angelo		Month Day Year 5 13 20		
	15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:								
DESIGNATED FACILITY	16. Transporter Acknowledgment of Receipt of Materials								
	Transporter 1 Printed/Typed Name Keith Nell				Signature Keith Nell		Month Day Year 5 13 20		
	Transporter 2 Printed/Typed Name				Signature		Month Day Year		
	17. Discrepancy								
	17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection								
	17b. Alternate Facility (or Generator) Manifest Reference Number: U.S. EPA ID Number								
	Facility's Phone:								
	17c. Signature of Alternate Facility (or Generator) Month Day Year								
	18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a								
	Printed/Typed Name				Signature		Month Day Year		

NON-HAZARDOUS
WASTE MANIFEST

1. Generator ID Number
NYD002210920

2. Page 1 of
1

3. Emergency Response Phone
CHEMTREC CCN 850580
800-424-9300

4. Waste Tracking Number

34122C

Generator's Name and Mailing Address
BARLOCK SEALING TECHNOLOGIES, LLC
1666 DIVISION STREET
PALMYRA, NY 14522

Generator's Site Address (if different than mailing address)

Generator's Phone: 315-597-7311 ATTN: CARRIE SANANGELO
Transporter 1 Company Name

U.S. EPA ID Number

SILVAROLE TRUCKING, INC.
Transporter 2 Company Name

U.S. EPA ID Number

U.S. EPA ID Number

Designated Facility Name and Site Address
WM - HIGH ACRES LANDFILL
425 PERINTON PARKWAY
FAIRPORT, NY 14450

Facility's Phone: 585-254-7574

9. Waste Shipping Name and Description	10. Containers		11. Total Quantity	12. Unit Wt./Vol.	
	No.	Type			
1. NON-REGULATED MATERIAL (NON-HAZARDOUS SOIL)	1	DE	4400	P	NONE
2.					
3.					
4.					

3. Special Handling Instructions and Additional Information
1.) NON-HAZARDOUS SOIL (122306NY)
WTS ORDER # 83422

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Officer's Printed/Typed Name: Carrie Sanangelo
Signature: Carrie Sanangelo
Month: 5 Day: 12 Year: 2

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit: Date leaving U.S.:

Transporter Signature (for exports only):

16. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Signature: Month: 5 Day: 12 Year: 2

Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:

17. Discrepancy
17a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number: U.S. EPA ID Number:

17b. Alternate Facility (or Generator) Facility's Phone: Month: Day:

17c. Signature of Alternate Facility (or Generator) Month: Day:

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a
Printed/Typed Name: Signature: Month: Day:

TID: 77482

**NON-HAZARDOUS
WASTE MANIFEST**1. Generator ID Number
NYDC022109202. Page 1 of
13. Emergency Response Phone
CHEMTREC CCN 860580
800-424-9300

4. Waste Tracking Number

63422D

5. Generator's Name and Mailing Address
GARLOCK SEALING TECHNOLOGIES, LLC
1666 DIVISION STREET
PALMYRA, NY 14522

Generator's Site Address (if different than mailing address)

Generator's Phone: 315-597-7311 ATTN: CARRIE SANANGELO

6. Transporter 1 Company Name

U.S. EPA ID Number

SILVAROLE TRUCKING, INC.

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
WM - HIGH ACRES LANDFILL
425 PERINTON PARKWAY
FAIRPORT, NY 14450

U.S. EPA ID Number

Facility's Phone: 585-254-7574

9. Waste Shipping Name and Description

10. Containers

No.

Type

11. Total
Quantity12. Unit
Wt./Vol.

1. NON-REGULATED MATERIAL (NON-HAZARDOUS SOIL)

/

D7
-CM

44000

P

NONE

2.

3.

4.

13. Special Handling Instructions and Additional Information
1.) NON-HAZARDOUS SOIL (122308NY)
WTS ORDER # 83422

14. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations.

Generator's/Offoror's Printed/Typed Name

Signature

Month Day Year
5 12 20

15. International Shipments



Import to U.S.



Export from U.S.

Port of entry/exit:

Transporter Signature (for exports only):

Date leaving U.S.:

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name

Signature

Month Day Year
5 12 20

Transporter 2 Printed/Typed Name

Signature

Month Day Year

17. Discrepancy

17a. Discrepancy Indication Space



Quantity



Type



Residue



Partial Rejection



Full Rejection

Manifest Reference Number:

17b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

17c. Signature of Alternate Facility (or Generator)

Month Day Year

18. Designated Facility Owner or Operator: Certification of receipt of materials covered by the manifest except as noted in Item 17a

Printed/Typed Name

Signature

Month Day Year

GENERATOR

INT'L

TRANSPORTER

DESIGNATED FACILITY

Appendix E

**Property Ownership Information for
Adjoining Properties**

Search Navigation

[New Search](#)[Tax ID](#)[Owner](#)[Inventory](#)[Improvements](#)[Report](#)[Tax Map](#)

Site #

1



Municipality of Village of Palmyra

Swis:	543601	Tax Map ID#:	64111-08-875806
-------	--------	--------------	-----------------

Tax Map ID / Property Data

Owners Name:	Blazey John S Inc		
Address:	Division St		
Zoning Code:	C1	Roll Section:	Taxable
Neighborhood:	137	Site:	
Property Class:	Abandoned ag	Bldg. Style:	
Land Assessment:	\$4,800.00	School District:	Palmyra Macedon Central
Total Acreage/Size:	14.88 acres 2096x309	Total Assessment:	\$4,800.00
Deed Book:		Deed Page:	

Exemption Details

Code Description	County	Town	School	Village
------------------	--------	------	--------	---------

Special Districts

Code Description	Units	Percent	Tax Value
	0	0	\$0.00

Land Types

Type	Size	Acreage
Wetland	0x0	14.88

Search Navigation[New Search](#)[Tax ID](#)[Owner](#)[Inventory](#)[Improvements](#)[Report](#)[Tax Map](#)

Site # 1

**Municipality of Town of Palmyra****Swis:**

543689

Tax Map ID#:

64111-00-821867

Tax Map ID / Property Data**Owners Name:**

Arthur Santelli, LLC

Address:

1660 Division St

Zoning Code:

LI

Roll Section:

Taxable

Neighborhood:

201

Site:**Property Class:**

Lumber yd/ml

Bldg. Style:

Lumber yard

Land Assessment:

\$43,600.00

School District:

Palmyra Macedon Central

Total Acreage/Size:

3.95 acres

Total Assessment:

\$330,000.00

Deed Book:**Deed Page:****Exemption Details****Code Description****County****Town****School****Village****Special Districts****Code Description****Units****Percent****Tax Value**

Palmyra FD

0

0

\$0.00

0

0

\$0.00

0

0

\$0.00

0

0

\$0.00

Pal Cons Water

0

0

\$0.00

Land Types**Type****Size****Acreage**

Primary

0x0

3.95

Appendix F

**Sub-Slab Depressurization System
Inspection Checklists, Annual Site
Inspection Forms, and Garlock Repairs
Documentation**

Campus Sub-Slab Readings

Date; April 8, 2020

By: Joe Szembrot (and others)

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	1.50	5.25	20-1	1.00	0.75	24-1	0.80	2.00
			4-2	0.50	0.75	5-2	3.00	4.25	20-2	0.50	0.75	24-1-1	0.60	0.80
19-1	x	9.75	4-3	0.75	1.00	5-3	2.00	5.50	20-3	0.50	0.75	24-2	1.00	2.00
19-2	x	10.75	4-4	1.00	1.25	5-4	1.50	4.75	20-4	1.00	1.00	24-3	1.00	2.10
19-3	x	9.25	4-5	1.00	1.50	5-5	1.50	4.75	20-5	0.50	0.75	24-3-1	1.00	0.90
19-4	x	11.50	4-6	0.75	1.00				20-6	0.50	0.75	24-4	1.00	2.10
			4-7	1.50	2.00	5A-1	3.00	5.00	20-7	1.00	0.75	24-5	1.20	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	3.50	6.00	20-8	0.50	0.45	24-6	1.00	2.30
6-1	0.30	0.50	4A-1	2.75	3.50				20-9	0.50	0.50	24-6-1	1.80	1.80
6-2	0.30	0.50				11C-1	5.00	6.50	20-10	0.50	0.50	24-6-2	1.70	1.80
6-3	0.30	0.50	2-1	1.50	4.25	11C-2	4.50	5.00				24-6-3	1.60	1.80
6-4	0.35	0.50	2-2	2.00	3.75				17-1	0.10	0.10	24-7	1.00	1.90
6-5	0.30	0.75	2-3	1.50	4.00	11-1	4.50	6.50	17-2	0.20	0.25	24-7-1	0.80	1.50
6-6	0.38	0.75	2-4	1.50	3.75	11-2	6.00	8.00	17-3	0.20	0.25	24-7-2	0.70	1.20
			2-5	1.00	3.75	11-3	5.50	7.75	17-4	2.00	2.00	24-8	1.00	1.90
3-1	x	13.00	2-6	1.00	3.75	11-4	5.00	7.80	17-5	2.00	2.25	24-9	3.40	5.60
3-2	x	10.50	2-7	1.00	3.25	11-5	9.00	10.50	17A-1	0.10	0.00	24-10	3.00	3.50
3-3	x	10.50	2-8	0.50	3.00	11-6	7.00	8.50	17A-2	0.13	0.00	24-11	3.80	4.20
3-4	x	9.75	2-9	1.50	3.25	11-7	4.50	6.50				24-12	3.00	3.50
3-5	x	10.25				11-8	4.00	5.75	31-1	1.25	1.50	24-13	2.80	3.20
3-6	x	9.00	1D-1	3.50	4.50				31-2	1.75	1.50	24-14	2.80	3.10
3-7	x	9.75				11A-1	5.00	6.50	31-3	2.00	1.50			
3-8	x	7.50	1A-1	5.50	7.50	11A-2	8.50	9.50				8-1	7.50	7.00
3-9	x	7.75	1A-2	5.50	8.00				25-1	11.00	10.75	8-2	6.50	7.00
			1A-3	7.00	7.40	14-1	2.00	1.25	25-2	11.00	10.50	8-3	7.50	7.00
4C-1	2.25	3.00	1A-4	4.50	8.75	14-2	2.00	1.25	25-3	13.00	13.00	8-4	7.50	7.50
4C-2	2.50	2.75							25-4	14.00	14.25	8-5	7.50	7.00
4C-3	2.75	3.25	1B-1	3.60	7.00	11A-B-1	2.50	2.25	25-5	13.00	13.00	8-6	7.50	7.25
4C-4	4.00	4.50	1B-2	4.30	8.50	11A-B-2	2.50	2.50				8-7	10.00	10.00
4C-5	4.25	4.75	1B-3	3.90	7.50	11A-B-3	5.00	5.00	15-1	3.00	3.50	8-8	7.50	7.25
4C-6	5.75	5.75				11A-B-4	10.00	6.75	15-2	3.00	3.75	8-9	7.50	7.25
4C-7	3.50	4.00	5B-1	3.80	4.00				15-3	3.00	3.50	8-10	5.00	5.50
			5B-2	3.40	3.75				15-4	2.00	3.50	8-11	5.00	5.00
			5B-3	3.20	3.75							8-12	5.00	5.50
Comments / Observations waiting for replacement blower motor for 19 & 3														
8-13 5.00 5.00														
8-14 5.00 5.25														
8-15 5.00 4.75														

All values are in inches water column

Campus Sub-Slab Readings

Date: May 1, 2020

By: Joe Szembrot (and more)

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	1.75	5.25	20-1	0.75	0.75	24-1	1.20	2.00
			4-2	0.75	0.75	5-2	1.75	4.25	20-2	0.50	0.75	24-1-1	0.60	0.80
19-1	x	9.75	4-3	0.75	1.00	5-3	2.00	5.50	20-3	0.50	0.75	24-2	1.20	2.00
19-2	x	10.75	4-4	1.00	1.25	5-4	2.00	4.75	20-4	1.00	1.00	24-3	1.30	2.10
19-3	x	9.25	4-5	1.00	1.50	5-5	1.50	4.75	20-5	0.50	0.75	24-3-1	1.10	0.90
19-4	x	11.50	4-6	1.00	1.00				20-6	0.75	0.75	24-4	1.20	2.10
			4-7	1.50	2.00	5A-1	3.00	5.00	20-7	1.00	0.75	24-5	1.80	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	3.75	6.00	20-8	0.50	0.45	24-6	0.70	2.30
6-1	0.30	0.50	4A-1	2.75	3.50				20-9	0.50	0.50	24-6-1	1.80	1.80
6-2	0.30	0.50				11C-1	5.50	6.50	20-10	0.50	0.50	24-6-2	1.30	1.80
6-3	0.30	0.50	2-1	1.75	4.25	11C-2	4.50	5.00				24-6-3	1.20	1.80
6-4	0.30	0.50	2-2	2.00	3.75				17-1	0.10	0.10	24-7	1.30	1.90
6-5	0.30	0.75	2-3	1.50	4.00	11-1	6.00	6.50	17-2	0.25	0.25	24-7-1	0.80	1.50
6-6	0.40	0.75	2-4	1.25	3.75	11-2	6.75	8.00	17-3	0.10	0.25	24-7-2	0.70	1.20
			2-5	1.25	3.75	11-3	6.25	7.75	17-4	2.00	2.00	24-8	1.10	1.90
3-1	x	13.00	2-6	1.00	3.75	11-4	6.00	7.80	17-5	2.25	2.25	24-9	5.20	5.60
3-2	x	10.50	2-7	1.00	3.25	11-5	9.50	10.50	17A-1	0.10	0.00	24-10	3.20	3.50
3-3	x	10.50	2-8	0.75	3.00	11-6	7.25	8.50	17A-2	0.15	0.00	24-11	4.00	4.20
3-4	x	9.75	2-9	1.75	3.25	11-7	5.00	6.50				24-12	3.20	3.50
3-5	x	10.25				11-8	4.25	5.75	31-1	1.50	1.50	24-13	3.00	3.20
3-6	x	9.00	1D-1	4.00	4.50				31-2	1.75	1.50	24-14	2.80	3.10
3-7	x	9.75				11A-1	5.25	6.50	31-3	2.00	1.50			
3-8	x	7.50	1A-1	6.00	7.50	11A-2	8.75	9.50				8-1	7.50	7.00
3-9	x	7.75	1A-2	6.00	8.00				25-1	11.50	10.75	8-2	6.75	7.00
			1A-3	7.50	7.40	14-1	2.25	1.25	25-2	11.50	10.50	8-3	7.25	7.00
4C-1	2.50	3.00	1A-4	5.00	8.75	14-2	2.00	1.25	25-3	13.50	13.00	8-4	7.25	7.50
4C-2	2.50	2.75							25-4	14.25	14.25	8-5	7.25	7.00
4C-3	3.00	3.25	1B-1	4.50	7.00	11A-B-1	2.75	2.25	25-5	13.50	13.00	8-6	7.75	7.25
4C-4	4.00	4.50	1B-2	5.00	8.50	11A-B-2	2.50	2.50				8-7	10.00	10.00
4C-5	4.25	4.75	1B-3	4.50	7.50	11A-B-3	4.75	5.00	15-1	2.75	3.50	8-8	7.75	7.25
4C-6	5.75	5.75				11A-B-4	10.25	6.75	15-2	3.00	3.75	8-9	7.25	7.25
4C-7	3.50	4.00	5B-1	4.00	4.00				15-3	2.75	3.50	8-10	5.25	5.50
			5B-2	3.50	3.75				15-4	2.25	3.50	8-11	5.00	5.00
			5B-3	3.20	3.75							8-12	4.50	5.50
Comments / Observations waiting on replacement blower for 3 & 19														
8-13 5.00 5.00														
8-14 5.00 5.25														
8-15 4.75 4.75														

All values are in inches water column

Campus Sub-Slab Readings

Date: June 2, 2020

By: Joe Szembrot (and others)

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	1.50	5.25	20-1	0.75	0.75	24-1	1.40	2.00
			4-2	0.50	0.75	5-2	1.50	4.25	20-2	0.50	0.75	24-1-1	0.60	0.80
19-1	x	9.75	4-3	0.75	1.00	5-3	2.00	5.50	20-3	0.50	0.75	24-2	1.40	2.00
19-2	x	10.75	4-4	1.00	1.25	5-4	2.00	4.75	20-4	1.00	1.00	24-3	1.20	2.10
19-3	x	9.25	4-5	1.00	1.50	5-5	1.50	4.75	20-5	0.50	0.75	24-3-1	1.10	0.90
19-4	x	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.40	2.10
			4-7	1.50	2.00	5A-1	3.25	5.00	20-7	1.00	0.75	24-5	1.60	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	3.50	6.00	20-8	0.50	0.45	24-6	1.40	2.30
6-1	0.28	0.50	4A-1	2.75	3.50				20-9	0.50	0.50	24-6-1	1.80	1.80
6-2	0.28	0.50				11C-1	5.50	6.50	20-10	0.45	0.50	24-6-2	1.70	1.80
6-3	0.28	0.50	2-1	1.50	4.25	11C-2	4.75	5.00				24-6-3	1.60	1.80
6-4	0.30	0.50	2-2	1.50	3.75				17-1	0.10	0.10	24-7	1.60	1.90
6-5	0.25	0.75	2-3	1.25	4.00	11-1	5.00	6.50	17-2	0.20	0.25	24-7-1	0.80	1.50
6-6	0.38	0.75	2-4	1.25	3.75	11-2	6.00	8.00	17-3	0.15	0.25	24-7-2	0.70	1.20
			2-5	1.25	3.75	11-3	6.00	7.75	17-4	2.00	2.00	24-8	1.40	1.90
3-1	x	13.00	2-6	1.00	3.75	11-4	5.50	7.80	17-5	2.25	2.25	24-9	5.40	5.60
3-2	x	10.50	2-7	1.00	3.25	11-5	9.25	10.50	17A-1	0.13	0.00	24-10	3.20	3.50
3-3	x	10.50	2-8	0.50	3.00	11-6	7.25	8.50	17A-2	0.15	0.00	24-11	4.00	4.20
3-4	x	9.75	2-9	1.50	3.25	11-7	5.00	6.50				24-12	3.20	3.50
3-5	x	10.25				11-8	4.25	5.75	31-1	1.25	1.50	24-13	2.80	3.20
3-6	x	9.00	1D-1	3.00	4.50				31-2	1.50	1.50	24-14	2.90	3.10
3-7	x	9.75				11A-1	5.25	6.50	31-3	2.00	1.50			
3-8	x	7.50	1A-1	5.00	7.50	11A-2	8.75	9.50				8-1	7.50	7.00
3-9	x	7.75	1A-2	5.00	8.00				25-1	11.25	10.75	8-2	7.00	7.00
			1A-3	6.50	7.40	14-1	2.25	1.25	25-2	11.50	10.50	8-3	7.25	7.00
4C-1	2.25	3.00	1A-4	4.00	8.75	14-2	2.00	1.25	25-3	13.25	13.00	8-4	7.50	7.50
4C-2	2.50	2.75							25-4	14.25	14.25	8-5	7.50	7.00
4C-3	2.75	3.25	1B-1	3.25	7.00	11A-B-1	2.50	2.25	25-5	13.25	13.00	8-6	7.50	7.25
4C-4	4.00	4.50	1B-2	3.75	8.50	11A-B-2	2.50	2.50				8-7	9.75	10.00
4C-5	4.50	4.75	1B-3	3.25	7.50	11A-B-3	5.75	5.00	15-1	3.00	3.50	8-8	7.50	7.25
4C-6	5.75	5.75				11A-B-4	10.50	6.75	15-2	3.00	3.75	8-9	7.50	7.25
4C-7	3.50	4.00	5B-1	4.00	4.00				15-3	2.75	3.50	8-10	5.25	5.50
			5B-2	3.50	3.75				15-4	2.25	3.50	8-11	5.00	5.00
			5B-3	3.40	3.75							8-12	5.00	5.50
Comments / Observations 3 & 19 waiting for blower replacement														
All values are in inches water column														
												8-13	5.00	5.00
												8-14	5.25	5.25
												8-15	5.00	4.75

By: Joe Szembrot (and others)

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	1.75	5.25	20-1	1.00	0.75	24-1	1.20	2.00
			4-2	0.75	0.75	5-2	3.00	4.25	20-2	0.75	0.75	24-1-1	0.60	0.80
19-1	10.00	9.75	4-3	1.00	1.00	5-3	3.25	5.50	20-3	0.50	0.75	24-2	0.70	2.00
19-2	10.50	10.75	4-4	1.00	1.25	5-4	2.25	4.75	20-4	1.25	1.00	24-3	1.20	2.10
19-3	10.25	9.25	4-5	1.00	1.50	5-5	2.00	4.75	20-5	0.50	0.75	24-3-1	1.10	0.90
19-4	11.00	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.20	2.10
			4-7	1.75	2.00	5A-1	3.50	5.00	20-7	1.00	0.75	24-5	1.80	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	4.00	6.00	20-8	0.50	0.45	24-6	1.70	2.30
6-1	0.30	0.50	4A-1	2.75	3.50				20-9	0.75	0.50	24-6-1	1.70	1.80
6-2	0.30	0.50				11C-1	5.50	6.50	20-10	0.50	0.50	24-6-2	1.70	1.80
6-3	0.30	0.50	2-1	2.00	4.25	11C-2	5.00	5.00				24-6-3	1.60	1.80
6-4	0.35	0.50	2-2	2.00	3.75				17-1	0.10	0.10	24-7	1.80	1.90
6-5	0.30	0.75	2-3	2.00	4.00	11-1	5.25	6.50	17-2	0.20	0.25	24-7-1	0.80	1.50
6-6	0.43	0.75	2-4	1.50	3.75	11-2	6.50	8.00	17-3	0.15	0.25	24-7-2	0.70	1.20
			2-5	1.50	3.75	11-3	6.00	7.75	17-4	2.00	2.00	24-8	1.10	1.90
3-1	13.25	13.00	2-6	1.50	3.75	11-4	6.00	7.80	17-5	2.25	2.25	24-9	5.10	5.60
3-2	10.50	10.50	2-7	1.00	3.25	11-5	9.50	10.50	17A-1	0.13	0.00	24-10	3.10	3.50
3-3	10.50	10.50	2-8	1.00	3.00	11-6	7.25	8.50	17A-2	0.15	0.00	24-11	4.00	4.20
3-4	9.75	9.75	2-9	2.00	3.25	11-7	5.50	6.50				24-12	3.20	3.50
3-5	10.00	10.25				11-8	4.50	5.75	31-1	1.50	1.50	24-13	3.00	3.20
3-6	9.25	9.00	1D-1	3.50	4.50				31-2	1.75	1.50	24-14	3.00	3.10
3-7	9.75	9.75				11A-1	5.50	6.50	31-3	2.00	1.50			
3-8	9.00	7.50	1A-1	5.00	7.50	11A-2	9.00	9.50				8-1	7.50	7.00
3-9	8.00	7.75	1A-2	5.00	8.00				25-1	11.50	10.75	8-2	7.00	7.00
			1A-3	7.00	7.40	14-1	2.25	1.25	25-2	11.50	10.50	8-3	7.50	7.00
4C-1	2.50	3.00	1A-4	4.50	8.75	14-2	2.00	1.25	25-3	13.25	13.00	8-4	7.50	7.50
4C-2	2.50	2.75							25-4	14.25	14.25	8-5	7.50	7.00
4C-3	2.75	3.25	1B-1	3.50	7.00	11A-B-1	3.00	2.25	25-5	13.50	13.00	8-6	7.75	7.25
4C-4	4.00	4.50	1B-2	4.00	8.50	11A-B-2	2.75	2.50				8-7	10.00	10.00
4C-5	4.25	4.75	1B-3	3.75	7.50	11A-B-3	5.00	5.00	15-1	3.00	3.50	8-8	8.00	7.25
4C-6	5.75	5.75				11A-B-4	10.50	6.75	15-2	3.00	3.75	8-9	7.50	7.25
4C-7	3.50	4.00	5B-1	4.40	4.00				15-3	2.75	3.50	8-10	5.50	5.50
			5B-2	4.10	3.75				15-4	2.25	3.50	8-11	5.25	5.00
			5B-3	4.00	3.75							8-12	5.00	5.50
All values are in inches water column												8-13	5.00	5.00
												8-14	5.50	5.25
												8-15	5.00	4.75

Campus Sub-Slab Readings

Date: August 3, 2020

By: Joe Szembrot (and others)

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	2.25	5.25	20-1	1.00	0.75	24-1	1.40	2.00
			4-2	0.75	0.75	5-2	2.50	4.25	20-2	0.75	0.75	24-1-1	0.60	0.80
19-1	13.00	9.75	4-3	1.00	1.00	5-3	2.50	5.50	20-3	0.50	0.75	24-2	1.40	2.00
19-2	13.00	10.75	4-4	1.00	1.25	5-4	2.00	4.75	20-4	1.25	1.00	24-3	1.40	2.10
19-3	12.75	9.25	4-5	1.00	1.50	5-5	2.00	4.75	20-5	0.75	0.75	24-3-1	1.00	0.90
19-4	13.25	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.40	2.10
			4-7	1.75	2.00	5A-1	3.50	5.00	20-7	1.00	0.75	24-5	1.60	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	4.00	6.00	20-8	0.50	0.45	24-6	1.40	2.30
6-1	0.35	0.50	4A-1	2.75	3.50				20-9	0.75	0.50	24-6-1	1.60	1.80
6-2	0.35	0.50				11C-1	5.50	6.50	20-10	0.50	0.50	24-6-2	1.60	1.80
6-3	0.35	0.50	2-1	2.00	4.25	11C-2	5.00	5.00				24-6-3	1.60	1.80
6-4	0.40	0.50	2-2	2.00	3.75				17-1	0.10	0.10	24-7	1.60	1.90
6-5	0.35	0.75	2-3	1.75	4.00	11-1	7.00	6.50	17-2	0.20	0.25	24-7-1	0.80	1.50
6-6	0.45	0.75	2-4	2.00	3.75	11-2	7.50	8.00	17-3	0.15	0.25	24-7-2	1.40	1.20
			2-5	2.00	3.75	11-3	7.00	7.75	17-4	2.00	2.00	24-8	1.20	1.90
3-1	14.75	13.00	2-6	1.50	3.75	11-4	7.00	7.80	17-5	2.25	2.25	24-9	5.40	5.60
3-2	12.25	10.50	2-7	1.25	3.25	11-5	10.00	10.50	17A-1	0.13	0.00	24-10	3.40	3.50
3-3	12.25	10.50	2-8	1.00	3.00	11-6	8.00	8.50	17A-2	0.15	0.00	24-11	4.20	4.20
3-4	11.50	9.75	2-9	2.25	3.25	11-7	6.00	6.50				24-12	3.40	3.50
3-5	11.75	10.25				11-8	5.00	5.75	31-1	1.50	1.50	24-13	3.00	3.20
3-6	11.00	9.00	1D-1	3.50	4.50				31-2	1.75	1.50	24-14	3.00	3.10
3-7	11.25	9.75				11A-1	6.00	6.50	31-3	2.00	1.50			
3-8	10.50	7.50	1A-1	5.50	7.50	11A-2	9.75	9.50				8-1	8.00	7.00
3-9	9.25	7.75	1A-2	5.50	8.00				25-1	10.75	10.75	8-2	7.25	7.00
			1A-3	7.50	7.40	14-1	2.25	1.25	25-2	10.75	10.50	8-3	7.75	7.00
4C-1	2.50	3.00	1A-4	4.50	8.75	14-2	2.00	1.25	25-3	12.50	13.00	8-4	7.50	7.50
4C-2	2.50	2.75							25-4	13.25	14.25	8-5	7.50	7.00
4C-3	3.00	3.25	1B-1	3.75	7.00	11A-B-1	3.00	2.25	25-5	12.75	13.00	8-6	8.00	7.25
4C-4	4.00	4.50	1B-2	4.50	8.50	11A-B-2	3.00	2.50				8-7	10.00	10.00
4C-5	4.50	4.75	1B-3	4.00	7.50	11A-B-3	5.00	5.00	15-1	3.00	3.50	8-8	8.00	7.25
4C-6	5.75	5.75				11A-B-4	10.50	6.75	15-2	3.25	3.75	8-9	7.50	7.25
4C-7	3.75	4.00	5B-1	4.40	4.00				15-3	3.00	3.50	8-10	5.00	5.50
			5B-2	4.00	3.75				15-4	2.50	3.50	8-11	5.25	5.00
			5B-3	3.90	3.75							8-12	5.00	5.50
						Comments / Observations						8-13	5.00	5.00
												8-14	5.50	5.25
												8-15	5.00	4.75

All values are in inches water column

Campus Sub-Slab Readings

Date: September 1, 2020

By: Joe Szembrot (and others)

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	2.00	5.25	20-1	0.75	0.75	24-1	1.20	2.00
			4-2	0.75	0.75	5-2	1.50	4.25	20-2	0.75	0.75	24-1-1	0.65	0.80
19-1	12.75	9.75	4-3	0.75	1.00	5-3	2.50	5.50	20-3	0.50	0.75	24-2	1.40	2.00
19-2	13.00	10.75	4-4	1.00	1.25	5-4	2.00	4.75	20-4	1.00	1.00	24-3	XX	2.10
19-3	12.75	9.25	4-5	1.00	1.50	5-5	2.00	4.75	20-5	0.50	0.75	24-3-1	1.05	0.90
19-4	13.50	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.30	2.10
			4-7	1.75	2.00	5A-1	3.25	5.00	20-7	1.25	0.75	24-5	1.70	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	4.00	6.00	20-8	0.50	0.45	24-6	1.50	2.30
6-1	0.33	0.50	4A-1	2.75	3.50				20-9	0.75	0.50	24-6-1	1.80	1.80
6-2	0.33	0.50				11C-1	5.50	6.50	20-10	0.50	0.50	24-6-2	1.75	1.80
6-3	0.33	0.50	2-1	2.00	4.25	11C-2	5.00	5.00				24-6-3	1.70	1.80
6-4	0.35	0.50	2-2	2.00	3.75				17-1	0.10	0.10	24-7	1.50	1.90
6-5	0.35	0.75	2-3	1.50	4.00	11-1	5.50	6.50	17-2	0.20	0.25	24-7-1	0.80	1.50
6-6	0.45	0.75	2-4	1.75	3.75	11-2	7.00	8.00	17-3	0.13	0.25	24-7-2	0.70	1.20
			2-5	1.50	3.75	11-3	6.25	7.75	17-4	2.00	2.00	24-8	1.30	1.90
3-1	14.75	13.00	2-6	1.50	3.75	11-4	6.00	7.80	17-5	2.00	2.25	24-9	5.40	5.60
3-2	12.50	10.50	2-7	1.25	3.25	11-5	9.75	10.50	17A-1	0.13	0.00	24-10	3.40	3.50
3-3	12.50	10.50	2-8	1.00	3.00	11-6	7.75	8.50	17A-2	0.15	0.00	24-11	4.20	4.20
3-4	11.75	9.75	2-9	2.00	3.25	11-7	5.50	6.50				24-12	3.40	3.50
3-5	12.00	10.25				11-8	5.00	5.75	31-1	1.25	1.50	24-13	3.10	3.20
3-6	11.00	9.00	1D-1	3.75	4.50				31-2	1.75	1.50	24-14	3.10	3.10
3-7	11.50	9.75				11A-1	5.75	6.50	31-3	2.00	1.50			
3-8	10.75	7.50	1A-1	5.75	7.50	11A-2	9.25	9.50				8-1	7.75	7.00
3-9	9.50	7.75	1A-2	5.75	8.00				25-1	10.75	10.75	8-2	7.00	7.00
			1A-3	7.50	7.40	14-1	2.25	1.25	25-2	10.75	10.50	8-3	7.50	7.00
4C-1	2.25	3.00	1A-4	4.75	8.75	14-2	2.00	1.25	25-3	12.50	13.00	8-4	7.50	7.50
4C-2	2.50	2.75							25-4	13.25	14.25	8-5	7.25	7.00
4C-3	3.00	3.25	1B-1	3.75	7.00	11A-B-1	3.00	2.25	25-5	12.50	13.00	8-6	8.00	7.25
4C-4	4.00	4.50	1B-2	4.50	8.50	11A-B-2	3.00	2.50				8-7	10.00	10.00
4C-5	4.50	4.75	1B-3	4.00	7.50	11A-B-3	5.00	5.00	15-1	3.00	3.50	8-8	8.00	7.25
4C-6	6.00	5.75				11A-B-4	10.50	6.75	15-2	3.25	3.75	8-9	7.50	7.25
4C-7	3.75	4.00	5B-1	4.30	4.00				15-3	3.00	3.50	8-10	6.50	5.50
			5B-2	4.00	3.75				15-4	2.50	3.50	8-11	5.50	5.00
			5B-3	3.80	3.75							8-12	5.00	5.50
												8-13	5.25	5.00
												8-14	5.50	5.25
												8-15	5.00	4.75
Comments / Observations 24-3 inaccessible, items stored in front of gauge - WO already in to have gauge relocated														

All values are in inches water column

Campus Sub-Slab Readings

Date: October 1, 2020

By: Joe Szembrot

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	2.00	5.25	20-1	0.75	0.75	24-1	1.00	2.00
			4-2	0.75	0.75	5-2	2.00	4.25	20-2	0.50	0.75	24-1-1	0.65	0.80
19-1	11.00	9.75	4-3	1.00	1.00	5-3	2.00	5.50	20-3	0.50	0.75	24-2	1.10	2.00
19-2	11.25	10.75	4-4	1.00	1.25	5-4	2.00	4.75	20-4	1.00	1.00	24-3	XXXX	2.10
19-3	10.75	9.25	4-5	1.00	1.50	5-5	1.75	4.75	20-5	0.50	0.75	24-3-1	1.05	0.90
19-4	12.00	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.10	2.10
			4-7	1.75	2.00	5A-1	3.00	5.00	20-7	1.00	0.75	24-5	1.40	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	4.00	6.00	20-8	0.50	0.45	24-6	1.20	2.30
6-1	0.33	0.50	4A-1	2.75	3.50				20-9	0.50	0.50	24-6-1	1.80	1.80
6-2	0.33	0.50				11C-1	5.00	6.50	20-10	0.35	0.50	24-6-2	XXXX	1.80
6-3	0.33	0.50	2-1	2.00	4.25	11C-2	4.50	5.00				24-6-3	XXXX	1.80
6-4	0.35	0.50	2-2	2.00	3.75				17-1	0.10	0.10	24-7	1.20	1.90
6-5	0.35	0.75	2-3	1.50	4.00	11-1	6.25	6.50	17-2	0.20	0.25	24-7-1	0.80	1.50
6-6	0.45	0.75	2-4	1.50	3.75	11-2	7.00	8.00	17-3	0.13	0.25	24-7-2	0.75	1.20
			2-5	1.25	3.75	11-3	6.50	7.75	17-4	2.00	2.00	24-8	1.10	1.90
3-1	14.00	13.00	2-6	1.25	3.75	11-4	6.50	7.80	17-5	2.25	2.25	24-9	4.20	5.60
3-2	11.50	10.50	2-7	1.25	3.25	11-5	9.75	10.50	17A-1	0.13	0.00	24-10	3.20	3.50
3-3	11.75	10.50	2-8	1.00	3.00	11-6	7.75	8.50	17A-2	0.15	0.00	24-11	4.00	4.20
3-4	10.75	9.75	2-9	1.75	3.25	11-7	5.75	6.50				24-12	3.20	3.50
3-5	11.25	10.25				11-8	4.50	5.75	31-1	1.50	1.50	24-13	2.80	3.20
3-6	10.25	9.00	1D-1	3.25	4.50				31-2	1.75	1.50	24-14	2.90	3.10
3-7	10.75	9.75				11A-1	6.00	6.50	31-3	2.00	1.50			
3-8	10.00	7.50	1A-1	5.25	7.50	11A-2	9.00	9.50				8-1	7.75	7.00
3-9	8.75	7.75	1A-2	5.25	8.00				25-1	11.00	10.75	8-2	7.00	7.00
3PA-1	0.32	2.50	1A-3	7.00	7.40	14-1	2.25	1.25	25-2	11.00	10.50	8-3	7.50	7.00
3S-1	2.60	0.32	1A-4	4.25	8.75	14-2	2.00	1.25	25-3	12.75	13.00	8-4	7.50	7.50
									25-4	13.50	14.25	8-5	7.50	7.00
4C-1	2.50	3.00	1B-1	3.50	7.00	11A-B-1	2.75	2.25	25-5	13.75	13.00	8-6	8.00	7.25
4C-2	2.50	2.75	1B-2	4.00	8.50	11A-B-2	2.75	2.50				8-7	10.00	10.00
4C-3	3.00	3.25	1B-3	3.75	7.50	11A-B-3	5.00	5.00	15-1	3.00	3.50	8-8	7.75	7.25
4C-4	4.25	4.50				11A-B-4	10.50	6.75	15-2	3.00	3.75	8-9	7.75	7.25
4C-5	4.50	4.75	5B-1	3.90	4.00				15-3	3.00	3.50	8-10	5.75	5.50
4C-6	5.75	5.75	5B-2	3.50	3.75				15-4	2.50	3.50	8-11	5.25	5.00
4C-7	3.75	4.00	5B-3	3.30	3.75							8-12	5.00	5.50

All values are in inches water column

Comments / Observations

XXXX values reflect locations where access to gauges were blocked

8-1	7.75	7.00
8-2	7.00	7.00
8-3	7.50	7.00
8-4	7.50	7.50
8-5	7.50	7.00
8-6	8.00	7.25
8-7	10.00	10.00
8-8	7.75	7.25
8-9	7.75	7.25
8-10	5.75	5.50
8-11	5.25	5.00
8-12	5.00	5.50
8-13	5.25	5.00
8-14	5.25	5.25
8-15	5.00	4.75

Campus Sub-Slab Readings

Date: November 2, 2020

By: Joe Szembrot

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	1.75	5.25	20-1	0.75	0.75	24-1	0.90	2.00
			4-2	0.75	0.75	5-2	2.00	4.25	20-2	0.50	0.75	24-1-1	0.70	0.80
19-1	12.75	9.75	4-3	1.00	1.00	5-3	2.00	5.50	20-3	0.50	0.75	24-2	1.00	2.00
19-2	13.00	10.75	4-4	1.00	1.25	5-4	2.00	4.75	20-4	1.00	1.00	24-3	1.10	2.10
19-3	12.75	9.25	4-5	1.00	1.50	5-5	1.75	4.75	20-5	0.50	0.75	24-3-1	1.10	0.90
19-4	12.50	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.10	2.10
			4-7	1.50	2.00	5A-1	3.00	5.00	20-7	0.75	0.75	24-5	1.30	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	4.00	6.00	20-8	0.50	0.45	24-6	1.20	2.30
6-1	0.30	0.50	4A-1	2.75	3.50				20-9	0.50	0.50	24-6-1	1.70	1.80
6-2	0.30	0.50				11C-1	5.25	6.50	20-10	0.35	0.50	24-6-2	1.75	1.80
6-3	0.30	0.50	2-1	1.75	4.25	11C-2	4.25	5.00				24-6-3	1.80	1.80
6-4	0.35	0.50	2-2	1.75	3.75				17-1	0.05	0.10	24-7	1.20	1.90
6-5	0.35	0.75	2-3	1.25	4.00	11-1	6.50	6.50	17-2	0.20	0.25	24-7-1	0.80	1.50
6-6	0.40	0.75	2-4	1.25	3.75	11-2	7.00	8.00	17-3	0.12	0.25	24-7-2	0.70	1.20
			2-5	1.25	3.75	11-3	6.75	7.75	17-4	2.00	2.00	24-8	1.00	1.90
3-1	14.75	13.00	2-6	1.00	3.75	11-4	6.75	7.80	17-5	2.25	2.25	24-9	4.10	5.60
3-2	12.00	10.50	2-7	1.25	3.25	11-5	10.00	10.50	17A-1	0.10	0.00	24-10	3.00	3.50
3-3	12.25	10.50	2-8	0.75	3.00	11-6	7.75	8.50	17A-2	0.15	0.00	24-11	3.80	4.20
3-4	11.25	9.75	2-9	1.50	3.25	11-7	5.50	6.50				24-12	3.00	3.50
3-5	11.75	10.25				11-8	4.50	5.75	31-1	1.25	1.50	24-13	2.60	3.20
3-6	10.75	9.00	1D-1	3.25	4.50				31-2	1.75	1.50	24-14	2.60	3.10
3-7	11.25	9.75				11A-1	5.75	6.50	31-3	2.00	1.50			
3-8	10.25	7.50	1A-1	5.00	7.50	11A-2	9.25	9.50				8-1	7.75	7.00
3-9	8.75	7.75	1A-2	5.00	8.00				25-1	11.00	10.75	8-2	7.25	7.00
3PA-1	2.50	2.50	1A-3	7.00	7.40	14-1	2.25	1.25	25-2	11.00	10.50	8-3	7.50	7.00
3S-1	0.34	0.32	1A-4	4.25	8.75	14-2	2.00	1.25	25-3	12.75	13.00	8-4	7.50	7.50
									25-4	13.50	14.25	8-5	7.75	7.00
4C-1	2.50	3.00	1B-1	3.50	7.00	11A-B-1	2.75	2.25	25-5	12.75	13.00	8-6	8.00	7.25
4C-2	2.75	2.75	1B-2	4.00	8.50	11A-B-2	2.50	2.50				8-7	10.25	10.00
4C-3	3.00	3.25	1B-3	3.50	7.50	11A-B-3	5.00	5.00	15-1	3.00	3.50	8-8	8.00	7.25
4C-4	4.00	4.50				11A-B-4	10.50	6.75	15-2	3.00	3.75	8-9	7.75	7.25
4C-5	4.50	4.75	5B-1	3.70	4.00				15-3	2.75	3.50	8-10	5.75	5.50
4C-6	5.75	5.75	5B-2	3.30	3.75				15-4	2.50	3.50	8-11	5.25	5.00
4C-7	3.50	4.00	5B-3	3.00	3.75							8-12	5.00	5.50

All values are in inches water column

Comments / Observations

Campus Sub-Slab Readings

Date: December 1, 2020

By: Joe Szembrot

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	1.75	5.25	20-1	0.75	0.75	24-1	0.90	2.00
			4-2	0.75	0.75	5-2	2.00	4.25	20-2	0.50	0.75	24-1-1	0.60	0.80
19-1	10.75	9.75	4-3	1.00	1.00	5-3	2.00	5.50	20-3	0.50	0.75	24-2	1.00	2.00
19-2	11.00	10.75	4-4	1.00	1.25	5-4	1.75	4.75	20-4	1.00	1.00	24-3	1.10	2.10
19-3	10.75	9.25	4-5	1.00	1.50	5-5	1.75	4.75	20-5	0.50	0.75	24-3-1	1.10	0.90
19-4	10.75	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.00	2.10
			4-7	1.50	2.00	5A-1	3.00	5.00	20-7	1.00	0.75	24-5	1.20	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	3.75	6.00	20-8	0.50	0.45	24-6	1.10	2.30
6-1	0.30	0.50	4A-1	2.75	3.50				20-9	0.50	0.50	24-6-1	1.60	1.80
6-2	0.30	0.50				11C-1	5.25	6.50	20-10	0.40	0.50	24-6-2	1.75	1.80
6-3	0.30	0.50	2-1	1.75	4.25	11C-2	4.25	5.00				24-6-3	1.75	1.80
6-4	0.35	0.50	2-2	2.00	3.75				17-1	0.05	0.10	24-7	1.10	1.90
6-5	0.35	0.75	2-3	1.25	4.00	11-1	6.75	6.50	17-2	0.25	0.25	24-7-1	0.80	1.50
6-6	0.40	0.75	2-4	1.50	3.75	11-2	7.25	8.00	17-3	0.18	0.25	24-7-2	0.70	1.20
			2-5	1.25	3.75	11-3	7.00	7.75	17-4	2.00	2.00	24-8	1.00	1.90
3-1	13.75	13.00	2-6	1.00	3.75	11-4	6.75	7.80	17-5	2.25	2.25	24-9	4.00	5.60
3-2	11.25	10.50	2-7	1.00	3.25	11-5	9.75	10.50	17A-1	0.10	0.00	24-10	3.00	3.50
3-3	11.00	10.50	2-8	0.75	3.00	11-6	8.00	8.50	17A-2	0.15	0.00	24-11	3.80	4.20
3-4	10.25	9.75	2-9	1.50	3.25	11-7	5.50	6.50				24-12	3.00	3.50
3-5	10.50	10.25				11-8	4.50	5.75	31-1	1.25	1.50	24-13	2.70	3.20
3-6	9.50	9.00	1D-1	3.25	4.50				31-2	1.75	1.50	24-14	2.70	3.10
3-7	10.25	9.75				11A-1	5.75	6.50	31-3	2.00	1.50			
3-8	9.25	7.50	1A-1	5.00	7.50	11A-2	9.25	9.50				8-1	7.75	7.00
3-9	8.00	7.75	1A-2	5.25	8.00				25-1	11.00	10.75	8-2	7.00	7.00
3PA-1	2.45	2.50	1A-3	7.00	7.40	14-1	2.25	1.25	25-2	11.00	10.50	8-3	7.25	7.00
3S-1	0.34	0.32	1A-4	4.25	8.75	14-2	2.00	1.25	25-3	12.75	13.00	8-4	7.50	7.50
									25-4	13.50	14.25	8-5	7.50	7.00
4C-1	2.25	3.00	1B-1	3.50	7.00	11A-B-1	2.75	2.25	25-5	12.75	13.00	8-6	8.00	7.25
4C-2	2.50	2.75	1B-2	4.00	8.50	11A-B-2	2.50	2.50				8-7	10.00	10.00
4C-3	3.00	3.25	1B-3	3.75	7.50	11A-B-3	5.00	5.00	15-1	3.00	3.50	8-8	7.75	7.25
4C-4	4.00	4.50				11A-B-4	10.25	6.75	15-2	3.00	3.75	8-9	7.50	7.25
4C-5	4.25	4.75	5B-1	3.70	4.00				15-3	2.75	3.50	8-10	5.50	5.50
4C-6	5.75	5.75	5B-2	3.30	3.75				15-4	2.25	3.50	8-11	5.00	5.00
4C-7	3.50	4.00	5B-3	3.10	3.75							8-12	4.75	5.50

All values are in inches water column

Comments / Observations

Campus Sub-Slab Readings

Date: January 4, 2021

By: Joe Szembrot

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	1.50	5.25	20-1	0.75	0.75	24-1	0.90	2.00
			4-2	0.75	0.75	5-2	1.75	4.25	20-2	0.50	0.75	24-1-1	0.65	0.80
19-1	12.75	9.75	4-3	1.00	1.00	5-3	2.00	5.50	20-3	0.50	0.75	24-2	1.10	2.00
19-2	13.00	10.75	4-4	1.00	1.25	5-4	1.75	4.75	20-4	1.00	1.00	24-3	1.20	2.10
19-3	13.00	9.25	4-5	1.00	1.50	5-5	1.50	4.75	20-5	0.50	0.75	24-3-1	1.10	0.90
19-4	13.50	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.10	2.10
			4-7	1.50	2.00	5A-1	2.75	5.00	20-7	1.00	0.75	24-5	1.30	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	3.75	6.00	20-8	0.50	0.45	24-6	1.10	2.30
6-1	0.30	0.50	4A-1	2.75	3.50				20-9	0.50	0.50	24-6-1	1.60	1.80
6-2	0.30	0.50				11C-1	5.25	6.50	20-10	0.43	0.50	24-6-2	1.70	1.80
6-3	0.30	0.50	2-1	1.75	4.25	11C-2	4.25	5.00				24-6-3	1.70	1.80
6-4	0.30	0.50	2-2	2.00	3.75				17-1	0.05	0.10	24-7	1.20	1.90
6-5	0.35	0.75	2-3	1.25	4.00	11-1	5.50	6.50	17-2	0.20	0.25	24-7-1	0.80	1.50
6-6	0.40	0.75	2-4	1.25	3.75	11-2	6.75	8.00	17-3	0.14	0.25	24-7-2	0.70	1.20
			2-5	1.25	3.75	11-3	6.00	7.75	17-4	2.00	2.00	24-8	1.00	1.90
3-1	14.75	13.00	2-6	1.00	3.75	11-4	6.00	7.80	17-5	2.25	2.25	24-9	4.20	5.60
3-2	12.00	10.50	2-7	1.00	3.25	11-5	9.50	10.50	17A-1	0.10	0.00	24-10	3.00	3.50
3-3	12.00	10.50	2-8	0.75	3.00	11-6	7.75	8.50	17A-2	0.15	0.00	24-11	3.80	4.20
3-4	11.25	9.75	2-9	1.75	3.25	11-7	5.25	6.50				24-12	3.00	3.50
3-5	11.50	10.25				11-8	4.25	5.75	31-1	1.50	1.50	24-13	2.70	3.20
3-6	10.50	9.00	1D-1	3.50	4.50				31-2	1.75	1.50	24-14	2.70	3.10
3-7	11.25	9.75				11A-1	5.50	6.50	31-3	2.00	1.50			
3-8	10.00	7.50	1A-1	5.50	7.50	11A-2	9.00	9.50				8-1	7.75	7.00
3-9	9.00	7.75	1A-2	5.50	8.00				25-1	10.75	10.75	8-2	7.00	7.00
3PA-1	2.25	2.50	1A-3	7.25	7.40	14-1	2.25	1.25	25-2	11.00	10.50	8-3	7.50	7.00
3S-1	0.33	0.32	1A-4	4.50	8.75	14-2	2.00	1.25	25-3	13.00	13.00	8-4	7.50	7.50
									25-4	13.75	14.25	8-5	7.50	7.00
4C-1	2.25	3.00	1B-1	3.75	7.00	11A-B-1	2.75	2.25	25-5	13.00	13.00	8-6	8.00	7.25
4C-2	2.50	2.75	1B-2	4.25	8.50	11A-B-2	2.75	2.50				8-7	10.00	10.00
4C-3	3.00	3.25	1B-3	4.00	7.50	11A-B-3	5.00	5.00	15-1	2.75	3.50	8-8	7.75	7.25
4C-4	4.00	4.50				11A-B-4	10.50	6.75	15-2	3.00	3.75	8-9	7.50	7.25
4C-5	4.25	4.75	5B-1	3.60	4.00				15-3	2.50	3.50	8-10	5.50	5.50
4C-6	5.75	5.75	5B-2	3.30	3.75				15-4	2.25	3.50	8-11	5.00	5.00
4C-7	3.50	4.00	5B-3	3.10	3.75							8-12	4.75	5.50

All values are in inches water column

Comments / Observations

Campus Sub-Slab Readings

Date: February 1, 2021

By: Joe Szembrot

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.00	12.50	4-1	0.50	0.75	5-1	1.50	5.25	20-1	0.75	0.75	24-1	0.90	2.00
			4-2	0.75	0.75	5-2	1.75	4.25	20-2	0.50	0.75	24-1-1	0.65	0.80
19-1	11.00	9.75	4-3	0.75	1.00	5-3	1.75	5.50	20-3	0.50	0.75	24-2	1.00	2.00
19-2	11.25	10.75	4-4	0.75	1.25	5-4	1.50	4.75	20-4	1.00	1.00	24-3	1.20	2.10
19-3	11.00	9.25	4-5	1.00	1.50	5-5	1.25	4.75	20-5	0.50	0.75	24-3-1	1.05	0.90
19-4	12.00	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.10	2.10
			4-7	2.00	2.00	5A-1	2.50	5.00	20-7	1.00	0.75	24-5	1.30	2.40
6A-1	0.75	0.50	4-8	1.25	2.50	5A-2	3.50	6.00	20-8	0.50	0.45	24-6	1.20	2.30
6-1	0.25	0.50	4A-1	2.75	3.50				20-9	0.50	0.50	24-6-1	1.60	1.80
6-2	0.25	0.50				11C-1	5.00	6.50	20-10	0.40	0.50	24-6-2	1.70	1.80
6-3	0.25	0.50	2-1	1.50	4.25	11C-2	4.00	5.00				24-6-3	1.70	1.80
6-4	0.25	0.50	2-2	1.50	3.75				17-1	0.05	0.10	24-7	1.20	1.90
6-5	0.30	0.75	2-3	1.00	4.00	11-1	6.00	6.50	17-2	0.20	0.25	24-7-1	0.85	1.50
6-6	0.35	0.75	2-4	1.00	3.75	11-2	7.00	8.00	17-3	0.16	0.25	24-7-2	0.70	1.20
			2-5	1.00	3.75	11-3	6.25	7.75	17-4	2.00	2.00	24-8	1.00	1.90
3-1	14.00	13.00	2-6	0.75	3.75	11-4	6.25	7.80	17-5	2.25	2.25	24-9	4.20	5.60
3-2	11.00	10.50	2-7	1.00	3.25	11-5	9.75	10.50	17A-1	0.10	0.00	24-10	2.90	3.50
3-3	10.75	10.50	2-8	0.75	3.00	11-6	7.75	8.50	17A-2	0.15	0.00	24-11	3.80	4.20
3-4	9.75	9.75	2-9	1.25	3.25	11-7	5.25	6.50				24-12	2.90	3.50
3-5	10.25	10.25				11-8	4.00	5.75	31-1	1.25	1.50	24-13	2.60	3.20
3-6	9.25	9.00	1D-1	3.00	4.50				31-2	1.75	1.50	24-14	2.60	3.10
3-7	9.75	9.75				11A-1	5.25	6.50	31-3	2.00	1.50			
3-8	9.00	7.50	1A-1	4.50	7.50	11A-2	9.00	9.50				8-1	7.25	7.00
3-9	7.50	7.75	1A-2	4.50	8.00				25-1	11.00	10.75	8-2	6.75	7.00
3PA-1	2.20	2.50	1A-3	6.50	7.40	14-1	2.25	1.25	25-2	11.00	10.50	8-3	7.25	7.00
3S-1	0.34	0.32	1A-4	3.75	8.75	14-2	2.00	1.25	25-3	13.00	13.00	8-4	7.25	7.50
									25-4	13.75	14.25	8-5	7.25	7.00
4C-1	2.25	3.00	1B-1	3.00	7.00	11A-B-1	2.50	2.25	25-5	13.00	13.00	8-6	7.75	7.25
4C-2	2.50	2.75	1B-2	3.50	8.50	11A-B-2	2.50	2.50				8-7	10.00	10.00
4C-3	2.75	3.25	1B-3	3.00	7.50	11A-B-3	5.00	5.00	15-1	2.50	3.50	8-8	7.75	7.25
4C-4	4.00	4.50				11A-B-4	10.50	6.75	15-2	2.50	3.75	8-9	7.25	7.25
4C-5	4.25	4.75	5B-1	3.50	4.00				15-3	2.25	3.50	8-10	5.25	5.50
4C-6	5.75	5.75	5B-2	3.10	3.75				15-4	2.00	3.50	8-11	4.75	5.00
4C-7	3.50	4.00	5B-3	2.90	3.75							8-12	4.50	5.50

All values are in inches water column

Comments / Observations

Campus Sub-Slab Readings

Date: March1, 2021

By: Joe Szembrot

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	1.50	5.25	20-1	0.75	0.75	24-1	0.90	2.00
			4-2	0.50	0.75	5-2	1.75	4.25	20-2	0.50	0.75	24-1-1	0.65	0.80
19-1	11.00	9.75	4-3	0.75	1.00	5-3	1.75	5.50	20-3	0.50	0.75	24-2	1.10	2.00
19-2	11.25	10.75	4-4	1.00	1.25	5-4	1.50	4.75	20-4	1.00	1.00	24-3	1.20	2.10
19-3	11.00	9.25	4-5	1.00	1.50	5-5	1.25	4.75	20-5	0.50	0.75	24-3-1	1.10	0.90
19-4	12.00	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.10	2.10
			4-7	1.50	2.00	5A-1	2.75	5.00	20-7	1.00	0.75	24-5	1.30	2.40
6A-1	0.75	0.50	4-8	1.75	2.50	5A-2	3.50	6.00	20-8	0.50	0.45	24-6	1.20	2.30
6-1	0.25	0.50	4A-1	2.50	3.50				20-9	0.50	0.50	24-6-1	1.55	1.80
6-2	0.25	0.50				11C-1	5.25	6.50	20-10	0.40	0.50	24-6-2	1.70	1.80
6-3	0.25	0.50	2-1	1.75	4.25	11C-2	4.25	5.00				24-6-3	1.60	1.80
6-4	0.30	0.50	2-2	2.25	3.75				17-1	0.05	0.10	24-7	1.20	1.90
6-5	0.30	0.75	2-3	1.25	4.00	11-1	4.50	6.50	17-2	0.20	0.25	24-7-1	0.80	1.50
6-6	0.35	0.75	2-4	1.50	3.75	11-2	6.25	8.00	17-3	0.15	0.25	24-7-2	0.70	1.20
			2-5	1.50	3.75	11-3	5.75	7.75	17-4	2.00	2.00	24-8	1.00	1.90
3-1	13.75	13.00	2-6	1.25	3.75	11-4	5.50	7.80	17-5	2.25	2.25	24-9	4.20	5.60
3-2	10.75	10.50	2-7	1.00	3.25	11-5	9.25	10.50	17A-1	0.10	0.00	24-10	3.00	3.50
3-3	11.00	10.50	2-8	0.75	3.00	11-6	7.25	8.50	17A-2	0.15	0.00	24-11	3.80	4.20
3-4	10.00	9.75	2-9	2.00	3.25	11-7	5.00	6.50				24-12	2.90	3.50
3-5	10.50	10.25				11-8	4.00	5.75	31-1	1.25	1.50	24-13	2.50	3.20
3-6	9.50	9.00	1D-1	4.00	4.50				31-2	1.75	1.50	24-14	2.60	3.10
3-7	10.00	9.75				11A-1	5.00	6.50	31-3	2.00	1.50			
3-8	9.00	7.50	1A-1	6.25	7.50	11A-2	8.50	9.50				8-1	7.50	7.00
3-9	8.00	7.75	1A-2	6.25	8.00				25-1	11.25	10.75	8-2	6.75	7.00
3PA-1	2.25	2.50	1A-3	7.50	7.40	14-1	2.25	1.25	25-2	11.25	10.50	8-3	7.25	7.00
3S-1	0.33	0.32	1A-4	5.00	8.75	14-2	2.00	1.25	25-3	13.25	13.00	8-4	7.25	7.50
									25-4	14.00	14.25	8-5	7.25	7.00
4C-1	2.50	3.00	1B-1	4.25	7.00	11A-B-1	2.50	2.25	25-5	13.25	13.00	8-6	7.75	7.25
4C-2	2.50	2.75	1B-2	5.00	8.50	11A-B-2	2.50	2.50				8-7	10.00	10.00
4C-3	2.75	3.25	1B-3	4.50	7.50	11A-B-3	5.00	5.00	15-1	2.75	3.50	8-8	7.75	7.25
4C-4	4.00	4.50				11A-B-4	10.25	6.75	15-2	2.75	3.75	8-9	7.50	7.25
4C-5	4.25	4.75	5B-1	3.60	4.00				15-3	2.50	3.50	8-10	5.25	5.50
4C-6	5.75	5.75	5B-2	3.20	3.75				15-4	2.00	3.50	8-11	5.00	5.00
4C-7	3.50	4.00	5B-3	3.00	3.75							8-12	4.50	5.50

All values are in inches water column

Comments / Observations

Campus Sub-Slab Readings

Date: April 1, 2021

By: Joe Szembrot

Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline	Gauge ID	Reading	Baseline
Gylon	3.25	12.50	4-1	0.50	0.75	5-1	1.50	5.25	20-1	0.75	0.75	24-1	0.90	2.00
			4-2	0.50	0.75	5-2	1.75	4.25	20-2	0.50	0.75	24-1-1	0.65	0.80
19-1	11.00	9.75	4-3	1.00	1.00	5-3	1.75	5.50	20-3	0.50	0.75	24-2	1.10	2.00
19-2	11.25	10.75	4-4	1.00	1.25	5-4	1.75	4.75	20-4	1.00	1.00	24-3	1.20	2.10
19-3	11.00	9.25	4-5	1.00	1.50	5-5	1.25	4.75	20-5	0.50	0.75	24-3-1	1.20	0.90
19-4	12.00	11.50	4-6	0.75	1.00				20-6	0.75	0.75	24-4	1.10	2.10
			4-7	1.50	2.00	5A-1	2.75	5.00	20-7	1.00	0.75	24-5	1.30	2.40
6A-1	0.75	0.50	4-8	2.00	2.50	5A-2	3.50	6.00	20-8	0.50	0.45	24-6	1.10	2.30
6-1	0.25	0.50	4A-1	2.75	3.50				20-9	0.50	0.50	24-6-1	1.60	1.80
6-2	0.25	0.50				11C-1	5.25	6.50	20-10	0.40	0.50	24-6-2	1.70	1.80
6-3	0.25	0.50	2-1	1.75	4.25	11C-2	4.25	5.00				24-6-3	1.70	1.80
6-4	0.30	0.50	2-2	2.00	3.75				17-1	0.05	0.10	24-7	1.20	1.90
6-5	0.30	0.75	2-3	1.25	4.00	11-1	5.25	6.50	17-2	0.20	0.25	24-7-1	0.80	1.50
6-6	0.35	0.75	2-4	1.25	3.75	11-2	6.50	8.00	17-3	0.13	0.25	24-7-2	0.70	1.20
			2-5	1.25	3.75	11-3	6.00	7.75	17-4	2.00	2.00	24-8	1.00	1.90
3-1	13.75	13.00	2-6	1.00	3.75	11-4	5.75	7.80	17-5	2.25	2.25	24-9	4.20	5.60
3-2	10.75	10.50	2-7	1.00	3.25	11-5	9.25	10.50	17A-1	0.10	0.00	24-10	3.00	3.50
3-3	11.00	10.50	2-8	0.75	3.00	11-6	7.25	8.50	17A-2	0.15	0.00	24-11	3.90	4.20
3-4	10.00	9.75	2-9	1.75	3.25	11-7	5.00	6.50				24-12	3.00	3.50
3-5	10.50	10.25				11-8	4.00	5.75	31-1	1.25	1.50	24-13	2.60	3.20
3-6	9.25	9.00	1D-1	3.50	4.50				31-2	1.75	1.50	24-14	2.60	3.10
3-7	10.00	9.75				11A-1	5.25	6.50	31-3	2.00	1.50			
3-8	9.00	7.50	1A-1	5.50	7.50	11A-2	8.75	9.50				8-1	7.25	7.00
3-9	7.75	7.75	1A-2	5.50	8.00				25-1	11.50	10.75	8-2	6.75	7.00
3PA-1	2.25	2.50	1A-3	7.25	7.40	14-1	2.25	1.25	25-2	11.50	10.50	8-3	7.00	7.00
3S-1	0.34	0.32	1A-4	4.50	8.75	14-2	2.00	1.25	25-3	13.50	13.00	8-4	7.25	7.50
									25-4	14.00	14.25	8-5	7.25	7.00
4C-1	2.50	3.00	1B-1	3.75	7.00	11A-B-1	2.50	2.25	25-5	13.50	13.00	8-6	7.75	7.25
4C-2	2.50	2.75	1B-2	4.25	8.50	11A-B-2	2.50	2.50				8-7	9.75	10.00
4C-3	3.00	3.25	1B-3	3.75	7.50	11A-B-3	5.00	5.00	15-1	2.75	3.50	8-8	7.50	7.25
4C-4	4.00	4.50				11A-B-4	10.25	6.75	15-2	2.75	3.75	8-9	7.25	7.25
4C-5	4.25	4.75	5B-1	3.70	4.00				15-3	2.50	3.50	8-10	5.25	5.50
4C-6	5.75	5.75	5B-2	3.30	3.75				15-4	2.00	3.50	8-11	4.75	5.00
4C-7	3.50	4.00	5B-3	3.10	3.75							8-12	4.50	5.50

All values are in inches water column

Comments / Observations

APPENDIX H **GARLOCK SITE NO. 3 SITE INSPECTION FORM**

Inspections should be done at a minimum of once a year.

More frequent inspections may be required in accordance with approved work plans in specific areas undergoing construction, and following any construction-related work that may expose site soils or affect the operation of the SSDS.

Inspections must be completed if an incident or accident occurs that may require corrective measures (i.e. damage to the SSDS or emergency actions that require soil removal).

Inspection Data Annually ☒ Construction ☐ Post-Construction ☐

Location: Garlock Polymers NY

Inspection Date: 4-19-21

Inspected By: DJ Vanetti GHD

		Y or N	Comments or Problem Identified/Action Taken
1.	Condition of pavement: Are there areas of pavement where sub-soil is exposed?	N	AOC-1 area a couple of monitoring wells protective collars and/or concrete pads need repair / replacement.
2.	Conditions of concrete slab: Is the concrete slab of the manufacturing facility intact? Are there cracks or gaps through which underlying soil is exposed?	Y/N	Some buildings with minor surface cracks
3.	Sediment/Erosion Control: Are erosion/storm water control devices in place in accordance with Stormwater Pollution Prevention Plan?	Y	
4.	Excavation/Backfill: Has Excavation been completed in accordance with the site Excavation Work Plan?	Y	
5.	Stockpiled Materials: Are temporary soil stockpiles or construction materials protected from erosion?	Y	Need to replace plastic sheeting cover Haybales around perimeter are in place
6.	Dust Control: Have dust control measures been implemented as needed during the conduct of construction work?	Y	
7.	CAMP: Has Community Air Monitoring been conducted in accordance with the CAMP?	Y	
8.	SSDS: Has an inspection of the SSDS been completed?	Y	

Replace covers and repair concrete pad at monitoring wells at AOC-1
Various areas along roadways where snow plowing has rutted the soil surface. Areas should be repaired and reseeded

Area to south of southern parking lot has soil disturbed due to snow removal activities. Disturbed area should be repaired, regraded, seeded and mulched.

Outfall 10 silt erosion repairs are being scheduled by Garlock

If current inspection is construction or post-construction, describe the nature of the construction project:
Has a Work Plan been prepared and approved by NYSDEC? Y____ N____

NA

Attach photographs as appropriate

If the current inspection is due to an incident or accident, describe the nature of the incident/accident and the corrective measures being taken.

Note: A Corrective Measure Report will need to be submitted to the NYSDEC.

NA

Attach photographs as appropriate

Site No. 3 BCP Site (Site #C859028)

Sub-Slab Depressurization System

Inspection Checklist

Building 11A-B and 20

Date:

4-19-21

Inspector's Name:

D. Vanetti

Company:

GHD

Inspector Initials:

DV

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)	Initial Pressure Reading (inWC)
11A-B-1	2.5	2.25
11A-B-2	2.5	2.50
11A-B-3	5.00	5.00
11A-B-4		6.75
20-1	0.75	0.75
20-2	0.5	0.75
20-3	0.5	0.75
20-4	1.0	1.00
20-5	0.5	0.75
20-6	0.5	0.75
20-7	1.0	0.75
20-8	0.75	0.45
20-9	0.75	0.50
20-10	0.45	0.50

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

II. Fan Inspection

1. Operational?	Y	X	N	
2. Fan/Controls Clear of obstructions?	Y	X	N	
3. Repair needs?	Y		N	X

A. Observations/comments:

Attach photographs as appropriate

III. Piping/Penetrations

- Is piping intact? (Y or N) *Level 20-B*
- Are floor/wall penetrations sealed? (Y or N)

If 'No' to either of the above, provide observations and describe corrective actions taken

*20-B Elbow @ base is cracked (see photo)
All other piping observed was intact*

B. Actions taken:

C. Recommended Maintenance/Repairs:

Do any of the pressure gages require repair or replacement?

Y N X

If so, indicate locations, and actions taken:

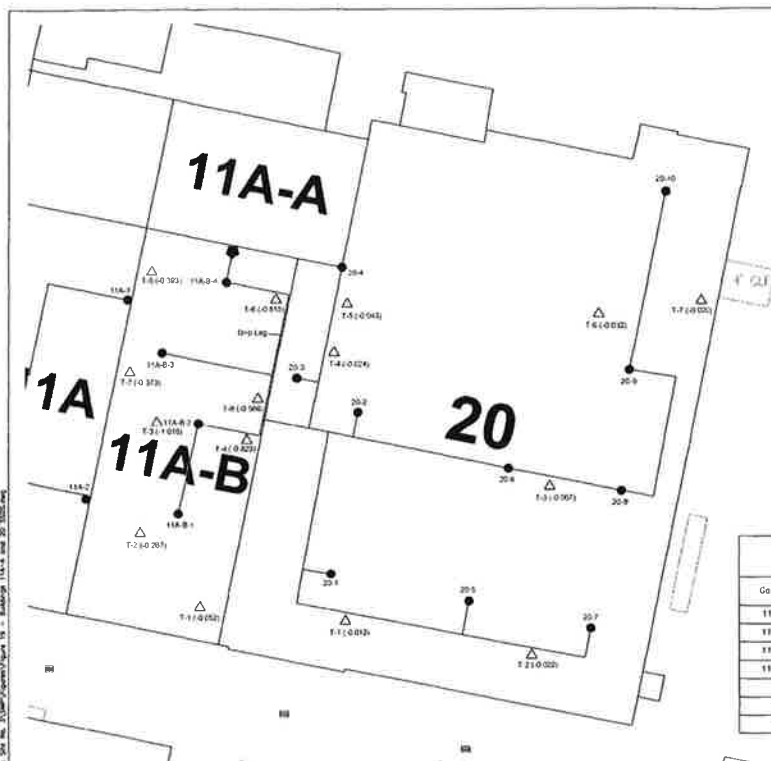
IV. Building Modifications: Have building modifications been made that could affect the operation of the SSD System? (Describe)

NA

Additional Comments:

Recommend repair of elbow at base of riser 20-B

Report all maintenance/repair needs immediately to building facility manager



Buildings 11A-A, 11A-B, and 20 Roof Mounted Fan and Disconnect Switch

Legend:

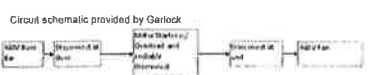
- Floor penetration/suction point location and ID. (3-inch diameter schedule 40 PVC riser with a magnetic gauge) (approximate location)
- Manifold/trunk line. (4 inch diameter schedule 40 PVC) (approximate location)
- Roof mounted fan location. (Access by ladder on north side of Bldg 11A-A) (approximate location)
- △ Pressure Field Extension (PFE) test hole location and ID (pressure recorded in in/WC) (approximate location)

Notes:

Fan disconnect switch located on roof of Building 11A-B near fan.
 PFE Test data collected and provided by Rodan Home Services, November 11, 2011.
 Locations are approximate based on field observations and are not surveyed.
 Trunk lines as shown are general piping run locations and are not surveyed.

Magnetic Gauge Readings			
Gauge I.D.	Baseline Reading (in/WC)	Gauge I.D.	Baseline Reading (in/WC)
11A-B-1	2.25	20-4	1.00
11A-B-2	2.90	20-5	0.75
11A-B-3	5.00	20-6	0.75
11A-B-4	5.75	20-7	0.75
20-1	0.75	20-8	0.45
20-2	0.75	20-9	0.50
20-3	0.75	20-10	0.50

System consists of 3-inch schedule 40 PVC riser and suction point through the concrete connected to a 4-inch schedule 40 PVC trunk line. Each riser has a vacuum damper installed for adjusting pressures at individual suction points to equalize system pressure. Each riser also has a magnetic gauge installed so that system pressure can be easily verified visually to ensure system performance. Piping is secured using standard galvanized split ring hangers and threaded rods. The 4-inch trunk line penetrates to the exterior through the roof. A blower is mounted on the roof and connected to the 4-inch trunk line. The blower is single phase, 480 volt, and continuous duty. Electrical was installed by Garlock maintenance staff.



Circuit schematic provided by Garlock



Site base survey provided by Lu Engineers 6/2006

S&W Redevelopment of North America, LLC. Syracuse, New York DATE: 11/2011 JOB No: N1011	Garlock BCP Site No. 3 (BCP #C85902B) Site Management Plan 1666 Division Street, Palmyra Wayne County, New York
	Figure 19 - Building 20 SSOS Layout and PFE Test Results

Site No. 3 BCP Site (Site #C859028)

Sub-Slab Depressurization System

Inspection Checklist

Building 14

Date:

4-19-21

Inspector's Name:

D. Vanetti

Company:

GHD

Inspector Initials:

DV

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)	Initial Pressure Reading (inWC)
14-1	2.5	1.25
14-2	2.0	1.25

II. Fan Inspection

1. Operational?	Y	X	N	___
2. Fan/Controls Clear of obstructions?	Y	X	N	___
3. Repair needs?	Y	___	N	X

A. Observations/comments:

Attach photographs as appropriate

Notes:

Locations of suction risers can be found on attached Figure.
System details are included in Appendix B.

III. Piping/Penetrations

1. Is piping intact? (Y or N) ☒ Y
2. Are floor/wall penetrations sealed? (Y or N) ☒ Y

If 'No' to either of the above, provide observations and describe corrective actions taken

B. Actions taken:

C. Recommended Maintenance/Repairs:

Do any of the pressure gages require repair or replacement?
If so, indicate locations, and actions taken:

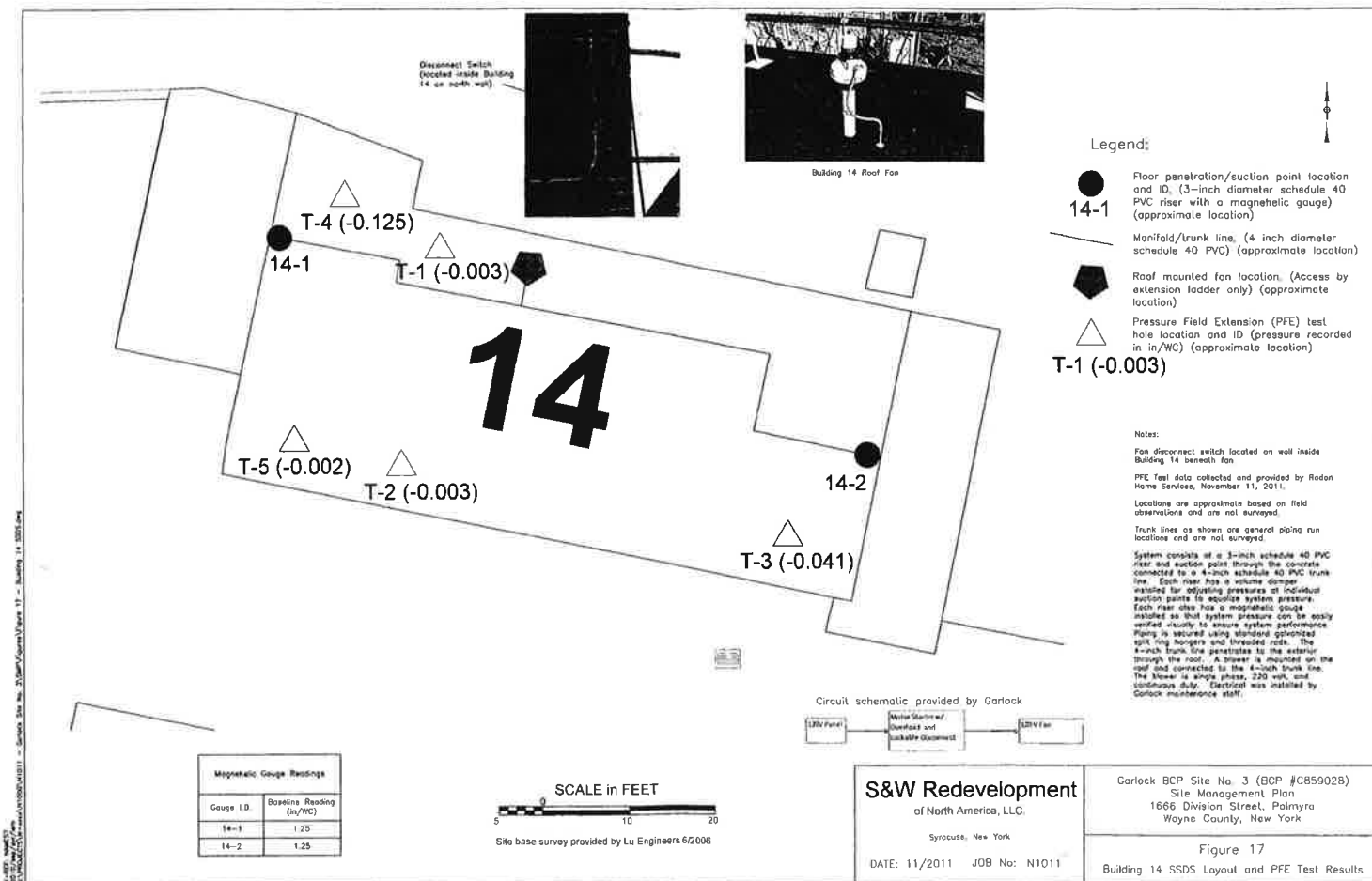
Y ___ N ☒ X

IV. Building Modifications: Have building modifications been made that could affect the operation of the SSD System? (Describe)

NA

Additional Comments:

Report all maintenance/repair needs immediately to building facility manager



Site No. 3 BCP Site (Site #C859028)

Sub-Slab Depressurization System

Inspection Checklist

Building 17/17A

Date:

4-19-21

Inspector's Name:

D. Varetto

Company:

GHD

Inspector Initials:

SV

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)	Initial Pressure Reading (inWC)
17-1	0.1	0.10
17-2	0.25	0.25
17-3	0.175	0.25
17-4	2.0	2.00
17-5	2.5	2.25
17A-1	0.1	0.00
17A-2	0.1	0.00

II. Fan Inspection

1. Operational?	Y	X	N	—
2. Fan/Controls Clear of obstructions?	Y	X	N	—
3. Repair needs?	Y	—	N	X

A. Observations/comments:

Attach photographs as appropriate

Is Building Pressurized? Y, N

What is Pressure Reading?

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

III. Piping/Penetrations

1. Is piping intact? (Y or N)
2. Are floor/wall penetrations sealed? (Y or N)

If 'No' to either of the above, provide observations and describe corrective actions taken

B. Actions taken:

C. Recommended Maintenance/Repairs:

Do any of the pressure gages require repair or replacement?
If so, indicate locations, and actions taken:

Y — N X

IV. Building Modifications: Have building modifications been made that could affect the operation of the SSD System? (Describe)

NA

Additional Comments:

Report all maintenance/repair needs immediately to building facility manager

Site No. 3 BCP Site (Site #C859028)

Sub-Slab Depressurization System

Inspection Checklist

Building 31

Date:

Inspector Name:

Company:

Inspector Initials:

4-19-21

D. J. Vaneeth

GTD

ASV

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)	Initial Pressure Reading (inWC)
31-1	1.5	1.50
31-2	2.0	1.50
31-3	2.0	1.50

II. Fan Inspection

1. Operational?	Y	X	N	___
2. Fan/Controls Clear of obstructions?	Y	X	N	___
3. Repair needs?	Y	___	N	X

A. Observations/comments:

Attach photographs as appropriate

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

III. Piping/Penetrations

1. Is piping intact? (Y or N) Y
2. Are floor/wall penetrations sealed? (Y or N) Y

If 'No' to either of the above, provide observations and describe corrective actions taken

B. Actions taken:

C. Recommended Maintenance/Repairs:

Do any of the pressure gages require repair or replacement?

If so, indicate locations, and actions taken:

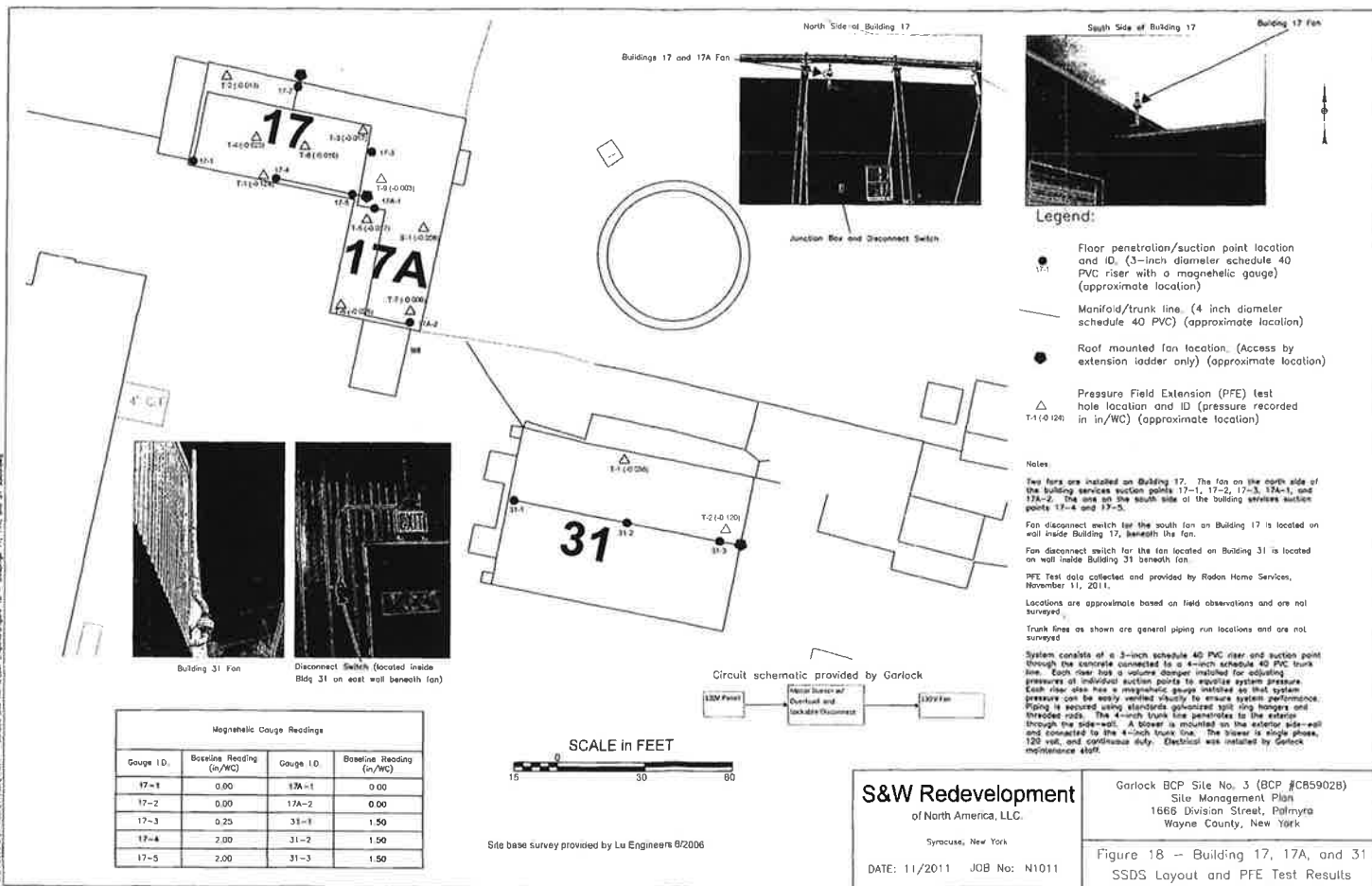
Y ___ N X

IV. Building Modifications: Have building modifications been made that could affect the operation of the SSD System? (Describe)

NA

Additional Comments:

Report all maintenance/repair needs immediately to building facility manager



Site No. 3 BCP Site (Site #C859028)

Sub-Slab Depressurization System

Inspection Checklist

Building 25

Date:

4-19-21

Inspector's Name:

DJ Vanetti

Company:

GTD

Inspector Initials:

DSV

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)	Initial Pressure Reading (inWC)
25-1	11.5	10.75
25-2	11.5	10.50
25-3	13.5	13.00
25-4	14.0	14.25
25-5	13.25	13.00

II. Fan Inspection

1. Operational?	Y	X	N	—
2. Fan/Controls Clear of obstructions?	Y	X	N	—
3. Repair needs?	Y	—	N	X

A. Observations/comments:

Attach photographs as appropriate

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

III. Piping/Penetrations

1. Is piping intact? (Y or N) Y
2. Are floor/wall penetrations sealed? (Y or N) Y

If 'No' to either of the above, provide observations and describe corrective actions taken

B. Actions taken:

C. Recommended Maintenance/Repairs:

Do any of the pressure gages require repair or replacement?

Y — N X

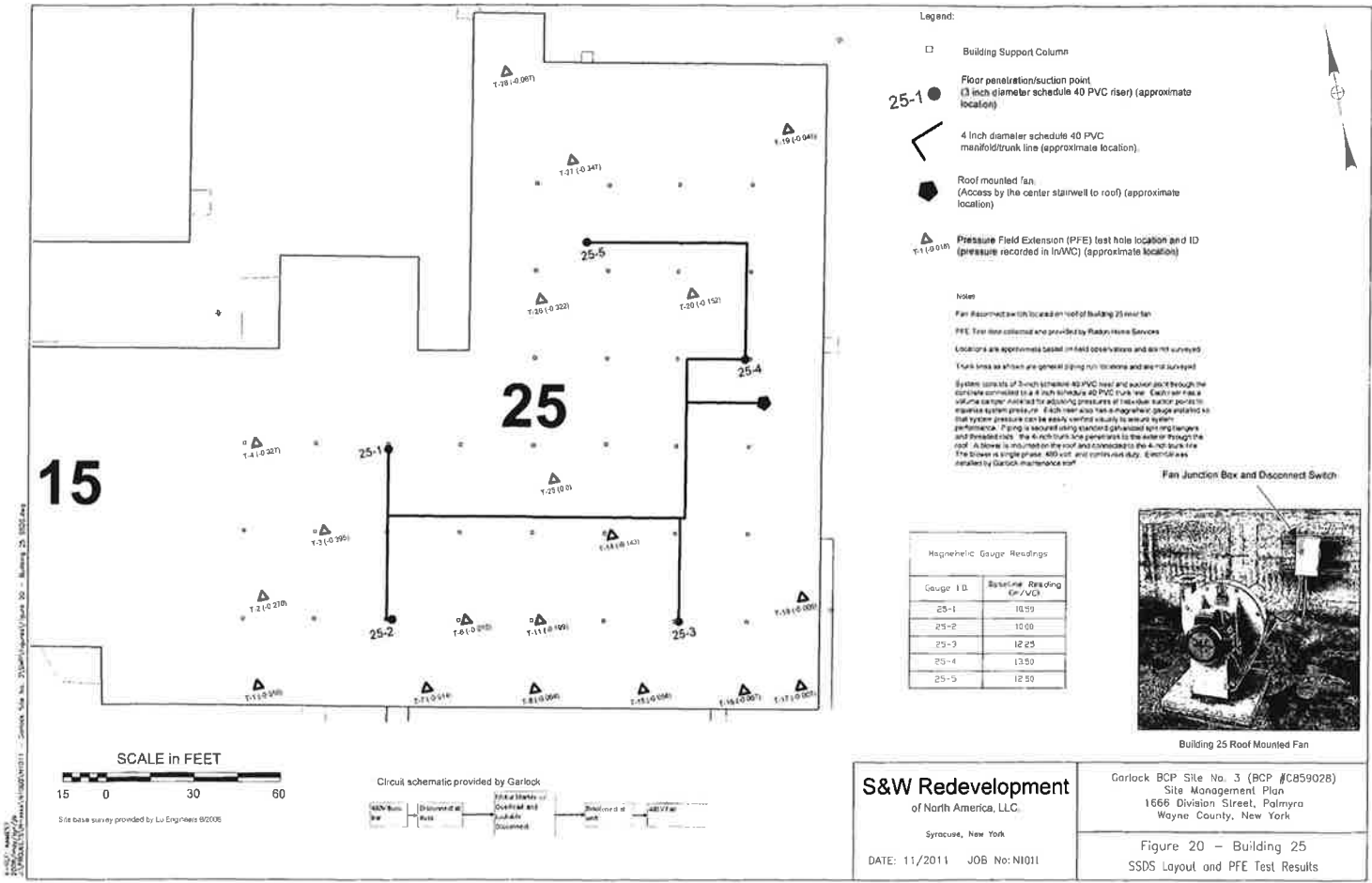
If so, indicate locations, and actions taken:

IV. Building Modifications: Have building modifications been made that could affect the operation of the SSD System? (Describe)

NA

Additional Comments:

Report all maintenance/repair needs immediately to building facility manager



Sub-Slab Depressurization System

Inspection Checklist

Building 24

Date:

4-15-21

Inspector's Name:

D. Vanetti

Company:

GHD

Inspector Initials:

DAV

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)	Initial Pressure Reading (inWC)
24-1	<u>1.0</u>	2.00
24-1-1	<u>0.65</u>	0.80
24-2	<u>1.0</u>	2.00
24-3	<u>1.2</u>	2.10
24-3-1	<u>1.1</u>	0.90
24-4	<u>1.0</u>	2.10
24-5		2.40
24-6	<u>1.2</u>	2.30
24-6-1	<u>1.6</u>	1.80
24-6-2	<u>1.7</u>	1.80
24-6-3	<u>1.6</u>	1.80
24-7	<u>1.2</u>	1.90
24-7-1	<u>0.75</u>	1.50
24-7-2	<u>0.75</u>	1.20
24-8	<u>1.2</u>	1.90
24-9	<u>4.0</u>	5.60
24-10	<u>3.0</u>	3.50
24-11	<u>4.0</u>	4.20
24-12	<u>3.0</u>	3.50
24-13	<u>2.6</u>	3.20
24-14	<u>2.6</u>	3.10

II. Fan Inspection

1. Operational? Y X N
2. Fan/Controls Clear of obstructions? Y X N
3. Repair needs? Y N X

A. Observations/comments:

in-line fans on side of building observed from ground

Attach photographs as appropriate

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

III. Piping/Penetrations

1. Is piping intact? (Y or N) Y
2. Are floor/wall penetrations sealed? (Y or N) Y

If 'No' to either of the above, provide observations and describe corrective actions taken

B. Actions taken:

C. Recommended Maintenance/Repairs:

Do any of the pressure gages require repair or replacement?

Y N X

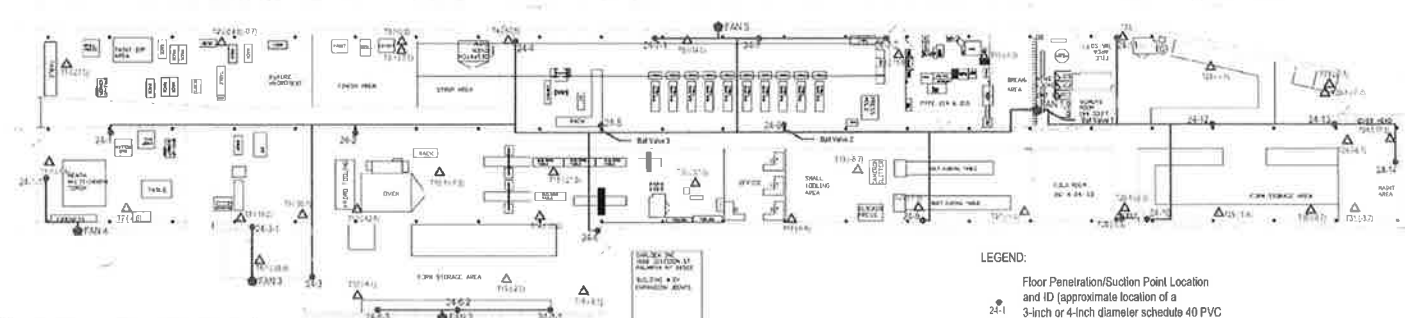
If so, indicate locations, and actions taken:

IV. Building Modifications: Have building modifications been made that could affect the operation of the SSD System? (Describe)

NA

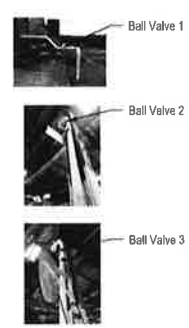
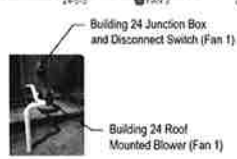
Additional Comments:

Report all maintenance/repair needs immediately to building facility manager



Baseline Magnehelic Gauge Readings			
Gauge I.D.	Baseline Reading (inWC)	Gauge I.D.	Baseline Reading (inWC)
24-1	2.0	24-7	1.9
24-1-1	0.8	24-7-1	1.5
24-2	2.0	24-7-2	1.2
24-3	2.1	24-8	1.9
24-3-1	0.9	24-5	5.6
24-4	2.1	24-10	3.5
24-5	2.4	24-11	4.2
24-6	2.3	24-12	3.5
24-6-1	1.8	24-13	3.2
24-6-2	1.8	24-14	3.1
24-6-3	1.8		

NOTES:
 1. Baseline readings taken on 4/19/2016, following documentation of successful PFE testing.
 2. inWC - inches of water column



- LEGEND:
- Floor Penetration/Suction Point Location and ID (approximate location of a 3-inch or 4-inch diameter schedule 40 PVC riser with a magnehelic gauge)
 - Roof Mounted Blower Location (approximate, access by ladder on east side of Building 24 (Fan 1) or by extension ladder (Fan 2, 3, 4, and 5))
 - Manifold/Trunk Line (approximate location, 4-inch diameter schedule 40 PVC)
 - Pressure Field Extension (PFE) Test Hole Location and ID (approximate location)
 - PFE Test Result (recorded in Pascals)

NOTES:
 1. Building 24 floor plans provided by GHD, and is not to scale.
 2. Fan disconnect switches located near each blower.
 3. PFE test data collected and provided by Station Home Services, Inc. April 18, 2016.
 4. Locations are approximate based on field observations and are not surveyed.
 5. Floor lines are shown as general piping locations and are not surveyed.
 6. System consists of a 3-inch or 4-inch schedule 40 PVC riser and suction point through the concrete slab connected to a 4-inch schedule 40 PVC bulk line. Each riser has a volume damper installed for adjusting pressure at individual suction points to equalize system pressure. Each riser also has a magnehelic gauge installed so that system pressure can be easily verified visually to ensure system performance. Piping is secured using standard galvanized split ring hangers and threaded rods. The 4-inch bulk line penetrates to the exterior through the side wall, western portion of system (Fan 1 and Fan 2, 3, 4, and 5) or the roof penetration of system (Fan 1). It flows to the roof (Fan 1) or exterior wall (Fan 2, 3, 4, and 5) and connected to the 4-inch trunk lines. Electrical was installed by GHD maintenance staff.

Site No. 3 BCP Site (Site #C859028)

Sub-Slab Depressurization System

Inspection Checklist

Building 15

Date:

4-19-21

Inspector's Name:

DS Vanetti

Company:

GHD

Inspector Initials:

DJV

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)	Initial Pressure Reading (inWC)
15-1	<u>2.75</u>	3.50
15-2	<u>2.75</u>	3.75
15-3	<u>2.5</u>	3.50
15-4	<u>2.0</u>	3.50

II. Fan Inspection

1. Operational?	Y	<u>X</u>	N	___
2. Fan/Controls Clear of obstructions?	Y	<u>X</u>	N	___
3. Repair needs?	Y	___	N	<u>X</u>

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

A. Observations/comments:

Attach photographs as appropriate

III. Piping/Penetrations

1. Is piping intact? (Y) or N)
2. Are floor/wall penetrations sealed? (Y) or N)

If 'No' to either of the above, provide observations and describe corrective actions taken

B. Actions taken:

C. Recommended Maintenance/Repairs:

Do any of the pressure gages require repair or replacement?
If so, indicate locations, and actions taken:

Y ___ N X

IV. Building Modifications: Have building modifications been made that could affect the operation of the SSD System? (Describe)

NA

Additional Comments:

Report all maintenance/repair needs immediately to building facility manager

Legend:

- Floor penetration/suction point location and ID. (3-inch diameter schedule 40 PVC riser with a magnetic gauge) (approximate location)
- Manifold/trunk line (4 inch diameter schedule 40 PVC) (approximate location)
- Roof mounted fan location. (Access by stairway between Building 8 and Building 15) (approximate location)
- Pressure Field Extension (PFE) test hole location and ID (pressure recorded in in/WC) (approximate location)

Notes:

Fan disconnect switch located on roof of Building 8 near fan.
PFE Test data collected and provided by Roden Home Services, November 11 and 14, 2011.
Locations are approximate based on field observations and are not surveyed.
Trunk lines as shown are general piping run locations and are not surveyed.

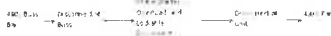
System consists of a 3-inch schedule 40 PVC riser and suction point through the concrete connected to a 4-inch schedule 40 PVC trunk line. Each riser has a volume damper installed for adjusting pressures at individual suction points to equalize system pressure. Each riser also has a magnetic gauge installed so that system pressure can be easily verified visually to ensure system performance. Piping is secured using standard galvanized wall ring hangers and threaded rods. The 4-inch trunk line penetrates to the exterior through the side-wall of the roof. A blower is mounted on the roof and connected to the 4-inch trunk line. The blower is single phase, 480 volt and continuous duty. Electrical was installed by Garlock maintenance staff.

Junction Box and Disconnect Switch



Buildings 8 and 15 Roof Fan

Circuit schematic provided by Garlock



Magnetic Gauge Readings			
Gauge ID	Baseline Reading (in/WC)	Gauge ID	Baseline Reading (in/WC)
B-1	7.00	B-11	5.00
B-2	7.00	B-12	5.50
B-3	7.00	B-13	5.00
B-4	7.50	B-14	5.25
B-5	7.00	B-15	4.75
B-6	7.25	B-16	3.50
B-7	10.00	B-17	3.75
B-8	7.25	B-18	3.50
B-9	7.25	B-19	3.50
B-10	5.50		

SCALE in FEET



Site base survey provided by Lu Engineers 6/2006

S&W Redevelopment
of North America, LLC

Syracuse, New York

DATE: 11/2011 JOB No: N1011

Garlock BCP Site No. 3 (BCP #C859028)
Site Management Plan
166B Division Street, Palmyra
Wayne County, New York

Figure 16 - Buildings 8 and 15 SSDS
Layout and PFE Test Results

Site No. 3 BCP Site (Site #C859028)

Sub-Slab Depressurization System

Inspection Checklist

Building 8

Date:

4-19-21

Inspector's Name:

DJ Vanetti

Company:

GHD

Inspector Initials:

JDV

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)	Initial Pressure Reading (inWC)
8-1	7.5	7.00
8-2	6.5	7.00
8-3	7.0	7.00
8-4	7.0	7.50
8-5	7.0	7.00
8-6	7.5	7.25
8-7	10.0	10.00
8-8	7.5	7.25
8-9	7.25	7.25
8-10	5.0	5.50
8-11	5.0	5.00
8-12	4.5	5.50
8-13	4.25	5.00
8-14	5.00	5.25
8-15	4.5	4.75

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

II. Fan Inspection

- | | | | | |
|--|---|---|---|---|
| 1. Operational? | Y | X | N | — |
| 2. Fan/Controls Clear of obstructions? | Y | X | N | — |
| 3. Repair needs? | Y | — | N | X |

A. Observations/comments:

Attach photographs as appropriate

III. Piping/Penetrations

1. Is piping intact? (Y or N) Riser 8-3
2. Are floor/wall penetrations sealed? (Y or N) (Y)

If 'No' to either of the above, provide observations and describe corrective actions taken

8-3 has crack in pipe at base
All other piping appears to be intact

B. Actions taken:

C. Recommended Maintenance/Repairs:

Do any of the pressure gages require repair or replacement?
If so, indicate locations, and actions taken:

Y — N X

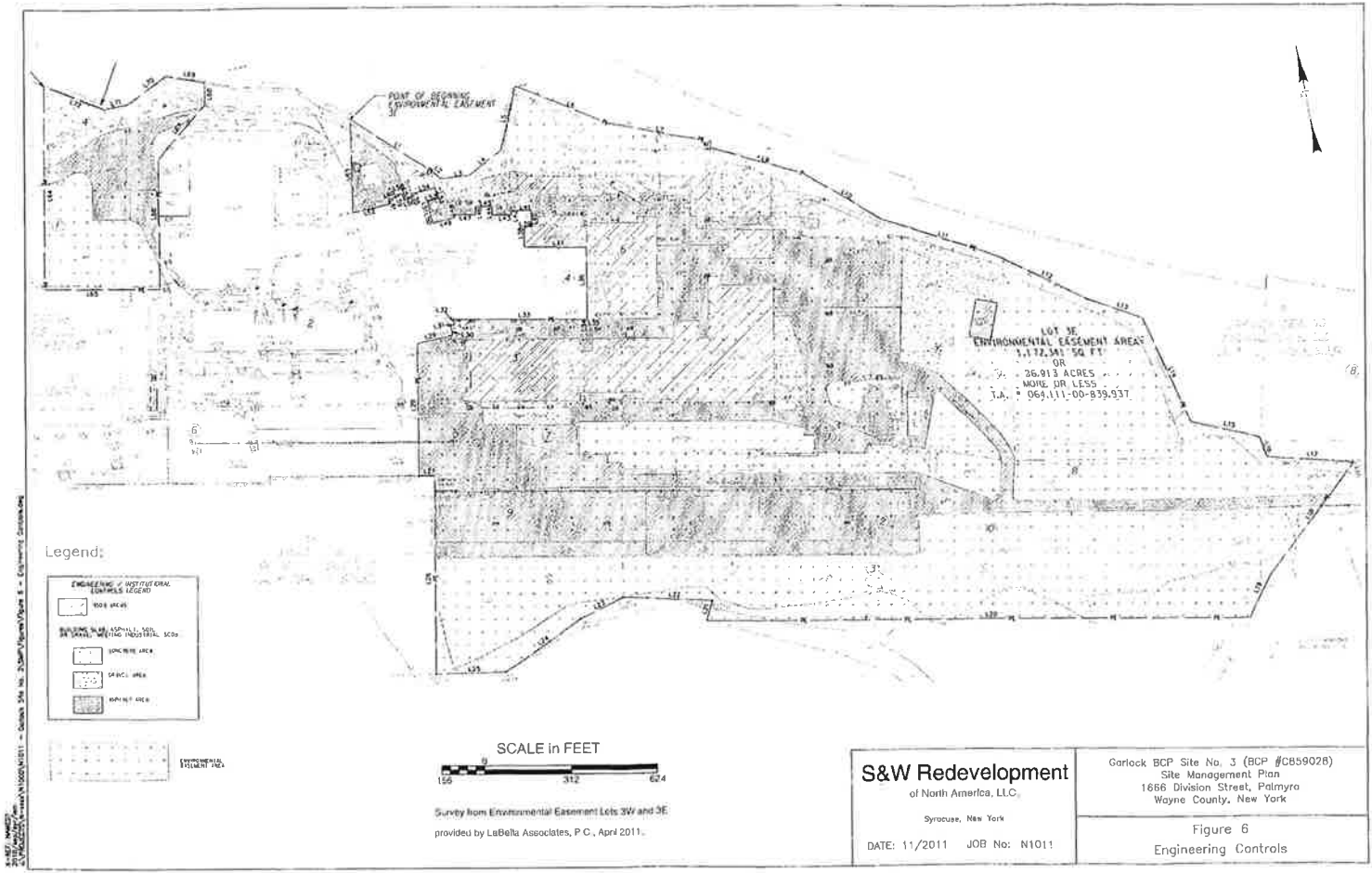
IV. Building Modifications: Have building modifications been made that could affect the operation of the SSD System? (Describe)

NA

Additional Comments:

Recommended repair of piping at riser 8-3

Report all maintenance/repair needs immediately to building facility manager



S:\S&W\PROJECTS\Garlock\Garlock Site No. 3\Drawings\Figure 6 - Engineering Controls.dwg

S&W Redevelopment
 of North America, LLC.
 Syracuse, New York
 DATE: 11/2011 JOB No: N1011

Garlock BCP Site No. 3 (BCP #0859028)
 Site Management Plan
 1666 Division Street, Palmyra
 Wayne County, New York
 Figure 6
 Engineering Controls

Ian McNamara

From: GST - Maintenanceconnection <Maintenanceconnection@EnProIndustries.com>
Sent: Monday, May 3, 2021 12:31 PM
To: Sanangelo, Carrie
Subject: New Work Order (Created using the Service Requester Application)

CAUTION: This message originated from outside of the organization. Be cautious opening any links or attachments.



This email has been sent to notify you that Work Order #M-106970 (Need soil rutting from snow removal repaired, please note that there is quite a bit of rutting in the lawn area adjacent to the main parking lot, heading towards Mud Creek. See Carrie for any questions) was requested using Garlock Maintenance Connection by SanAngelo, Carrie at 7338 carrie.sanangelo@garlock.com.

Thank you for using Maintenance Connection.

From: [GST - Maintenanceconnection](#)
To: [Sanangelo, Carrie](#)
Subject: New Work Order (Created using the Service Requester Application)
Date: Monday, May 3, 2021 12:37:30 PM

CAUTION: This message originated from outside of the organization. Be cautious opening any links or attachments.



This email has been sent to notify you that Work Order #M-106972 (Monitoring wells NE of the Gylon Building were damaged during snow removal. Wellheads with missing covers need covers replaced and the areas of damaged concrete around wellheads in the roadway need to be repaired.) was requested using Garlock Maintenance Connection by SanAngelo, Carrie at 7338 carrie.sanangelo@garlock.com.

Thank you for using Maintenance Connection.

Appendix G

NYSDEC Correspondence

Ian McNamara

From: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Sent: Thursday, October 1, 2020 10:22 AM
To: Ian McNamara
Cc: Cloyd, Kelly (DEC)
Subject: RE: EDDs for Garlock Site No. 3 BCP Site (#C859028) - 2nd Qtr 2020 GW Sampling

CompleteRepository: 8615140
Description: Garlock Sealing Technologies Byron Barrel
JobNo: 15140
OperatingCentre: 86
RepoEmail: 8615140@ghd.com
RepoType: Job

Ian,

Thank you for your EDD submission. NYSDEC has successfully uploaded the data from the EDDs "20200813 1501.C859028.NYSDEC_MERGE" and "20200813 1510.C859028.NYSDEC_MERGE" to Garlock Sealing Technologies Site No. 3 in the NYSDEC database and the data is available for use within the system.

Aaron
NYSDEC EIMS Team



From: Ian McNamara <Ian.McNamara@ghd.com>
Sent: Thursday, August 13, 2020 3:14 PM
To: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Cc: Cloyd, Kelly (DEC) <kelly.cloyd@dec.ny.gov>
Subject: EDDs for Garlock Site No. 3 BCP Site (#C859028) - 2nd Qtr 2020 GW Sampling

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hello,

Two EDDs are attached for the above referenced project. These EDDs include field results and groundwater analytical results associated with the 2nd Quarter 2020 groundwater sampling conducted at the site in June. Please let me know if any edits are required or if the EDDs are acceptable.

Thanks,
Ian

Ian McNamara
Geologist
Environment

GHD
Proudly employee owned

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[WATER](#) | [ENERGY & RESOURCES](#) | [ENVIRONMENT](#) | [PROPERTY & BUILDINGS](#) | [TRANSPORTATION](#)

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This e-mail has been scanned for viruses

Ian McNamara

From: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Sent: Monday, November 30, 2020 4:29 PM
To: Ian McNamara
Cc: Cloyd, Kelly (DEC)
Subject: RE: EDDs for Garlock Site No. 3 BCP Site (#C859028) - 3rd Qtr 2020 GW Sampling

CompleteRepository: 8615140
Description: Garlock Sealing Technologies Byron Barrel
JobNo: 15140
OperatingCentre: 86
RepoEmail: 8615140@ghd.com
RepoType: Job

Ian,

Thank you for your EDD submission. NYSDEC has successfully uploaded the data from the EDDs "20201116 1327.C859028.NYSDEC_MERGE" and "20201116 1331.C859028.NYSDEC_MERGE" to Garlock Sealing Technologies Site No. 3 in the NYSDEC database and the data is available for use within the system.

Aaron
NYSDEC EIMS Team



From: Ian McNamara <Ian.McNamara@ghd.com>
Sent: Monday, November 16, 2020 1:41 PM
To: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Cc: Cloyd, Kelly (DEC) <kelly.cloyd@dec.ny.gov>
Subject: EDDs for Garlock Site No. 3 BCP Site (#C859028) - 3rd Qtr 2020 GW Sampling

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hello,

Two EDDs are attached for the above referenced project. These EDDs include field results and groundwater analytical results associated with the 3rd Quarter 2020 groundwater sampling conducted at the site in September. Please let me know if any edits are required or if the EDDs are acceptable.

Thanks,
Ian

IAN MCNAMARA
Geologist - Environment

GHD

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5788 Widewaters Pkwy Syracuse New York 13214 USA

D 315 802 0312 **M** 315 368 8432 **E** ian.mcnamara@ghd.com

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Ian McNamara

From: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Sent: Tuesday, February 16, 2021 3:29 PM
To: Dyson Sprouse
Cc: Cloyd, Kelly (DEC); Ian McNamara
Subject: RE: EDDs for Garlock Site No. 3 BCP Site (#C859028) - 4th Qtr 2020 GW Sampling

OperatingCentre: 86
JobNo: 15140
CompleteRepository: 8615140
RepoEmail: 8615140@ghd.com
Description: Garlock Sealing Technologies Byron Barrel
RepoType: Job

Dyson,

Thank you for your EDD submission. NYSDEC has successfully uploaded the data from the EDDs "20210205 1045.C859028.NYSDEC_MERGE" and "20210205 1051.C859028.NYSDEC_MERGE" to Garlock Sealing Technologies Site No. 3 in the NYSDEC database and the data is available for use within the system.

Aaron
NYSDEC EIMS Team



**Department of
Environmental
Conservation**

From: Dyson Sprouse <Dyson.Sprouse@ghd.com>
Sent: Friday, February 05, 2021 11:03 AM
To: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Cc: Cloyd, Kelly (DEC) <kelly.cloyd@dec.ny.gov>; ian.mcnamara@ghd.com
Subject: EDDs for Garlock Site No. 3 BCP Site (#C859028) - 4th Qtr 2020 GW Sampling

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Hello,

Two EDDs are attached for the above referenced project. These EDDs include field results and groundwater analytical results associated with the 4th Quarter 2020 groundwater sampling conducted at the site. Please let me know if any edits are required or if the EDDs are acceptable.

Thanks,

DYSON SPROUSE

EIT
Engineer

GHD

Proudly employee owned | ghd.com

5788 Wide Waters Pkwy, Syracuse NY 13212 USA

D 1 315 802 0336 **M** 1 607 423 7156 **E** dyson.sprouse@ghd.com

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Ian McNamara

From: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Sent: Friday, June 18, 2021 2:49 PM
To: Ian McNamara
Cc: Cloyd, Kelly (DEC)
Subject: RE: EDDs for Garlock Site No. 3 BCP Site (#C859028) - 1st Qtr 2021 GW Sampling

OperatingCentre: 5643
JobNo: 8615140
CompleteRepository: 8615140
RepoEmail: 8615140@ghd.com
Description: Garlock Sealing Technologies Byron
RepoType: Project

Ian,

Thank you for your EDD submission. NYSDEC has successfully uploaded the data from the EDDs "20210525 1228.C859028.NYSDEC_MERGE" and "20210525 1232.C859028.NYSDEC_MERGE" to Garlock Sealing Technologies Site No. 3 in the NYSDEC database and the data is available for use within the system.

Aaron
(he/him/his)
NYSDEC EIMS Team



**Department of
Environmental
Conservation**

From: Ian McNamara <Ian.McNamara@ghd.com>
Sent: Tuesday, May 25, 2021 12:35 PM
To: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Cc: Cloyd, Kelly (DEC) <kelly.cloyd@dec.ny.gov>
Subject: EDDs for Garlock Site No. 3 BCP Site (#C859028) - 1st Qtr 2021 GW Sampling

ATTENTION: This email came from an external source. Do not open attachments or click on links from unknown senders or unexpected emails.

Hello,

Two EDDs are attached for the above referenced project. These EDDs include field results and groundwater analytical results associated with the 1st Quarter 2021 groundwater sampling conducted at the site. Please let me know if any edits are required or if the EDDs are acceptable.

Thanks,
Ian

IAN MCNAMARA

Geologist

GHD

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5788 Widewaters Pkwy Syracuse New York 13214 USA

D 315 802 0312 **M** 315 368 8432 **E** ian.mcnamara@ghd.com

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