Periodic Review Report

110 Luther Avenue BCP Site (BCP Site #C734118)
March 17, 2017 to March 17, 2018 Reporting Period

Syracuse Label Company, Inc.

GHD | 1 Remington Park Drive Cazenovia New York 13035 USA

8614941| 183 | March 30, 2018

Executive Summary

The 110 Luther Avenue Brownfield Cleanup Program (BCP) Site (BCP Site #C734118) consists of approximately 1.40 acres of land located at 110 Luther Avenue, Town of Salina, Onondaga County, New York. The Site owner is Syracuse Label Company, Inc. (Syracuse Label). The Site groundwater was found to be contaminated with volatile organic compounds (VOCs), primarily tetrachloroethene (PCE) and its degradation byproducts, trichloroethene (TCE), cis-1,2-dichloroethene (DCE) and vinyl chloride (VC). The Site was remediated to commercial use cleanup standards and received a Certificate of Completion (COC) from the New York State Department of Environmental Conservation (NYSDEC) on December 22, 2011.

The Site is currently in the site management stage in accordance with the Site Management Plan (SMP, S&W Redevelopment of NA, LLC, August 2011, Revised: November 2011; Revised: February 2017 by GHD Consulting Services Inc.). The SMP requires the maintenance and monitoring of Site institutional controls (ICs) and engineering controls (ECs).

The institutional controls and engineering controls for the Site remain in place and effective for protecting human health and the environment. Groundwater monitoring has been completed in accordance with the SMP on a semi-annual basis. Based on the groundwater monitoring data, concentrations of target compounds in groundwater have shown a notable decrease over time as a result of the remedial actions and corrective measures performed at the Site. The groundwater analytical data indicates that groundwater standards for the contaminants of concern have been achieved for a majority of the monitoring locations.

The soil cover engineering control remains in place and continues to effectively mitigate potential exposure to remaining contamination via direct contact with subsurface soils. During this PRR certification period there were no reported activities at the Site that penetrated the soil cover. The sub-slab depressurization system (SSDS) engineering control is inspected monthly by Syracuse Label, and the system was operating as intended during this PRR's certification period.

The identified ICs include: (1) the designated use of the property for commercial/industrial uses; (2) confirmation that the ownership of the adjacent property located at 116 Luther Avenue remains unchanged from previous uses and ownership; and (3) the prohibition of groundwater use at the Site. Syracuse Label continues to own and use the Site for commercial purposes, although the main operations have been relocated to a new facility located in the Town of Cicero. The adjacent property ownership remains unchanged as evidenced by information obtained from the Onondaga County Real Property Tax Services website records. The groundwater use prohibition remains in-place.

Groundwater monitoring frequency has been reduced to a semi-annual (MW-1, MW-7, MW-8, MW-12, MW-13, and MW-18) and annual (MW-10, MW-11, and MW-19) basis, and samples are analyzed for chlorinated VOCs only, in accordance with the NYSDEC-approved revised SMP (GHD Consulting Services Inc., February 2017). The requirements necessary to discontinue Site maintenance and/or monitoring have not been met at this time. There is no need to revise the SMP or propose a change to the frequency of PRR submittals at this time.

Table of Contents

Figure Index

Table Index

Appendix Index

1. Introduction

1.1 Purpose

This Periodic Review Report (PRR) is being submitted on behalf of Syracuse Label Company, Inc. (Syracuse Label) for the 110 Luther Avenue Brownfield Cleanup Program (BCP) Site (BCP Site No. C734118) located at 110 Luther Avenue, Town of Salina, Onondaga County, New York (Figure 1). The purpose of this PRR, and attached documentation, 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 Environmental Easement, are in place and functioning as intended, in accordance with 6NYCRR Part 375-3. The following elements are included in this report:

- A complete description of all institutional and engineering controls 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.
- A certification prepared by a professional engineer or qualified environmental professional that the institutional controls and/or engineering controls employed at the Site during the period are:
  - Unchanged from the previous certification, unless approved by the Department, consistent with the SMP.
  - In place and effective.
  - Performing as designed, and that nothing has occurred that would (1) impair the ability of the controls to protect public health and environment, or (2) constitute a violation or failure to comply with any operation and maintenance plan for such controls.
- The institutional and engineering controls certification form, as issued by the Department, has been completed and included as Appendix A.
- Data tables and figures depicting results of semi-annual groundwater monitoring activities conducted on-Site.

2. Site Overview

The Site is located in the Town of Salina, Onondaga County, New York and is identified as Block 12 and Lots 04.1, 05.0, 06.1, 08.0, and 09.0 on the Onondaga County Tax Map (Tax Map No. 85-12). The Site consists of approximately 1.40 acres of land bound by Albion Avenue to the northwest; Knapp Street to the northeast; Luther Avenue and a parcel operated by Brannock Devices Company, Inc. to the southeast; and an unpaved parking area operated by Bush Electronics to the southwest (see Figure 2).

The Site is currently developed with a two-story building that was historically used for Syracuse Label's office space, light manufacturing, and warehouse operations. The portion of the Site not occupied by the building consists of paved parking and delivery areas, with minor grass-covered landscaping areas.

The Remedial Investigation (RI), which was conducted under Brownfield Cleanup Agreement (BCA) Index #B7-0811-09-08 between December 2009 and November 2010, characterized the nature and extent of contamination at the Site. The results of the RI, as reported in the RI Report (S&W Redevelopment of North America, LLC [SWRNA], January 2011, Revised: June 2011) determined that groundwater contamination, consisting of chlorinated volatile organic solvents (tetrachloroethene, trichloroethene, and their degradation products), existed in a discrete area located in the eastern/central portion of the Site (Figure 3).

A Remedial Action Work Plan (RAWP) was prepared by SWRNA (June 2011, Revised: September 2011), which:

- Identified the remedial goals and remedial action objectives
- Discussed the remedy selection
- Summarized remedial action pilot test findings
- Summarized the sub-slab communication testing findings
- 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 Commercial Use Soil Cleanup Objectives (SCOs). This remedial approach included implementation of a groundwater remedy and engineering/institutional controls. The groundwater remedy included in-situ chemical reduction (ISCR), which consisted of injection of approximately 11,100 pounds of a granular carbon and zero valent iron powder mixed into a slurry with potable water and approximately 12 liters of a bacterial consortium (Dehalococcoides). The groundwater remedy was completed in a discrete area of the Site between February 2011 (pilot test) and July 2011 (full scale). The engineering controls consisted of maintaining the soil cover system and installing a sub-slab depressurization system (SSDS) in the existing on-Site building. The institutional controls included a Site groundwater use restriction, a Site use restriction restricting the use to commercial or industrial uses, and the requirement to maintain the current SSDS and install an SSDS in any future buildings constructed on-Site.

An Environmental Easement (EE) for the Site was filed with the Onondaga County Clerk's Office on October 21, 2011. A Site Management Plan, which outlines Site restrictions and requirements of future maintenance and monitoring, was completed in November 2011, and was revised in February 2017 and approved by the NYSDEC and NYSDOH. A Certificate of Completion (COC) allowing for commercial or industrial uses of the Site was received from the NYSDEC on December 22, 2011.

Based on a review of quarterly groundwater monitoring results compiled after the issuance of the COC, and discussions with the NYSDEC, Syracuse Label implemented corrective measures to address the elevated concentrations of degradation byproducts identified in samples taken from specific Site groundwater monitoring wells. Corrective measure activities were implemented in accordance with the *December 2012 Groundwater Monitoring Results and Corrective Measures Injection Work Plan* letter report (GHD Consulting Engineers, LLC, April 2013), which was submitted to, and approved by, the NYSDEC. The corrective measures included ISCR, which consisted of injection of a total of approximately 25,500 pounds of a granular carbon and zero valent iron powder mixed into a slurry with potable water and a total of approximately 58.5 liters of a concentrated bacterial consortium (Dehalococcoides). The corrective measures were completed in four (4) discrete areas of the Site between December 8, 2012, and February 2, 2014. Groundwater monitoring data collected since implementation of corrective measures indicate that these activities have been effective at further reducing the concentrations of target compounds in Site groundwater, and the ongoing groundwater monitoring will further evaluate the effectiveness of the corrective measures. Implementation procedures and findings of the supplemental injections were reported in a separate Construction Completion Report (GHD, March 2015).

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

- *Remedial Investigation*, Brownfield Cleanup Program, 110 Luther Avenue Site, 110 Luther Avenue, Liverpool, Onondaga County, New York, BCP Site #C734118, S&W Redevelopment of North America, LLC, January 2011, Revised: June 2011.
- *Remedial Action Work Plan,* Brownfield Cleanup Program, 110 Luther Avenue Brownfield Site, 110 Luther Avenue, Liverpool, Onondaga County, New York, S&W Redevelopment of North America, LLC, June 2011, Revised: September 2011.
- *Site Management Plan,* 110 Luther Avenue Site, Onondaga County, New York, NYSDEC Site Number: C734118, S&W Redevelopment of North America, LLC, August 2011, Revised: November 2011.
- *Final Engineering Report,* 110 Luther Avenue Site, Onondaga County, New York, NYSDEC Site Number: C734118, S&W Redevelopment of North America, LLC, September 2011, Revised: November 2011.
- *1st Quarter 2012 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Engineers, LLC, May 11, 2012.
- *2nd Quarter 2012 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Engineers, LLC, July 24, 2012.

- *3rd Quarter 2012 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Engineers, LLC, October 5, 2012.
- *4th Quarter 2012 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Engineers, LLC, January 18, 2013.
- *December 2012 Groundwater Monitoring Results and Corrective Measures Injection Work Plan,* 110 Luther Avenue BCP Site, Liverpool, New York, NYSDEC BCP Site #C734118, GHD Consulting Engineers, LLC, April 1, 2013.
- *1st Quarter 2013 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Engineers, LLC, July 2, 2013.
- *2nd Quarter 2013 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Engineers, LLC, July 25, 2013.
- *4th Quarter 2013 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., January 28, 2014.
- *1st Quarter 2014 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., April 17, 2014.
- *Periodic Review Report – July 1, 2013 – March 17, 2014,* 110 Luther Avenue BCP Site (BCP Site #C734118), GHD Consulting Services Inc., May 2014.
- *2nd Quarter 2014 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., July 23, 2014.
- *3rd Quarter 2014 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., October 20, 2014.
- *4th Quarter 2014 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., January 27, 2015.
- *Construction Completion Report,* 110 Luther Avenue BCP Site (Site #C734118), GHD Consulting Services Inc., March 2015.
- *Periodic Review Report – March 17, 2014 – March 17, 2015,* 110 Luther Avenue BCP Site (BCP Site #C734118), GHD Consulting Services Inc., April 13, 2015.
- *1st Quarter 2015 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., April 28, 2015.
- *2nd Quarter 2015 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., August 5, 2015.
- *3rd Quarter 2015 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., November 9, 2015.
- *4th Quarter 2015 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., January 18, 2016.
- *3rd and 4th Quarter 2015 Off-Site Soil Vapor Sampling Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., February 10, 2016.

- *Periodic Review Report – March 17, 2015 – March 17, 2016, 110 Luther Avenue BCP Site (BCP Site #C734118),* GHD Consulting Services Inc., April 13, 2016.
- *1st Quarter 2016 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., May 6, 2016.
- *2nd Quarter 2016 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., August 4, 2016.
- *Off-Site Soil Vapor Well Sampling,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., August 23, 2016.
- *3rd Quarter 2016 Groundwater Monitoring Results and Request to Modify the Site Monitoring Plan,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., October 12, 2016.
- *3rd Quarter 2016 Groundwater Monitoring Results and Request to Modify the Site Monitoring Plan Response Letter,* NYSDEC, November 30, 2016.
- *4th Quarter 2016 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., January 20, 2017.
- *Site Management Plan,* Revised by: GHD Consulting Services Inc., February 2017.
- *Monitoring Well Decommissioning – 110 Luther Avenue BCP Site,* GHD Consulting Services Inc., March 7, 2017.
- *Periodic Review Report – March 17, 2016 – March 17, 2017, 110 Luther Avenue BCP Site (BCP Site #C734118),* GHD Consulting Services Inc., April 12, 2017.
- *2nd Quarter 2017 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., May 31, 2017.
- *4th Quarter 2017 Groundwater Monitoring Results,* 110 Luther Avenue BCP Site, GHD Consulting Services Inc., November 29, 2017.

3. Institutional and Engineering Controls

Based on identified groundwater contamination, potential soil vapor contamination, and the Site's past and present use, institutional and engineering controls are utilized at the Site to limit exposure risks. An annual Site inspection was completed on March 15, 2018 (see Appendix C) to observe the condition of the ICs and ECs. The institutional and engineering controls and their status at the time of the Site inspection are described below.

3.1 Institutional Controls

The institutional controls (ICs) for this Site are outlined in the NYSDEC-approved SMP (SWRNA, August 2011; Revised: November 2011; Revised: February 2017 by GHD), and include the following:

- An Environmental Easement filed with the Onondaga County Clerk's Office
- A restriction on the use of groundwater underlying the Site without treatment rendering it safe for its intended purpose and prior written approval from the NYSDEC and New York State Department of Health (NYSDOH)
- An Excavation Work Plan providing guidance for future excavations conducted on-Site
- A use restriction limiting future Site use to commercial or industrial use without prior approval of the NYSDEC
- Monitoring for ownership changes of the adjacent property, 116 Luther Avenue - Tax Identification 085.-12-10.0.

3.1.1 Environmental Easement

The Environmental Easement was filed with the Onondaga County Clerk's office and remains unchanged.

3.1.2 Groundwater

Groundwater is not being used at the Site.

3.1.3 Excavations

No excavation of soil has occurred on-Site during this certification period.

3.1.4 Site Use

The Site use and ownership has not changed since the NYSDEC issued the Certificate of Completion (COC) on December 22, 2011.

3.1.5 Ownership of Adjacent Property

Based on information from the Onondaga County Real Property Tax Services website (http://www.ongov.net/rpts/propertyTaxInfo.html) on February 25, 2018, the adjacent property

located to the south of Syracuse Label has been owned by Salvatore A. Leonardi, Jr., since 1995. Based on field observations of the building signage, the property continues to be operated as Brannock Devices Company, Inc. (Appendix B).

3.2 Engineering Controls

The engineering controls (ECs) for this Site are outlined in the NYSDEC-approved SMP (SWRNA, August 2011; Revised: November 2011; Revised: February 2017 by GHD), and include the following:

3.2.1 Sub-Slab Depressurization System

A SSDS was installed in the existing Site building in July 2011 by Radon Home Services, Inc., a certified radon mitigation contractor. The SSDS is a high vacuum system utilizing fourteen (14) suction points positioned at locations throughout the building (Figure 4) and two (2) blower fans mounted on the roof of the building. The system is designed to operate continuously to create a negative pressure differential between the sub-slab and the indoor building atmosphere in order to mitigate potential soil vapor intrusion issues. The extracted soil vapor is vented from the blower fan exhaust to the atmosphere.

System inspection forms were completed by Syracuse Label personnel monthly during the certification period (Appendix C). Based on the monthly inspection forms, the system was operating as intended during this PRR's certification period and no repairs or temporary shutdown of the SSDS were reported.

Based on GHD's annual Site visit on March 15, 2018, the SSDS was functioning as designed at the time of inspection.

Additional information can be found in the Institutional and Engineering Controls Certification Form (Appendix A) and in the SSDS Inspection Checklists and additional documentation included in Appendix C.

3.2.2 Soil Cover Engineering Control

Direct contact with soil/fill at the Site is mitigated by a soil cover system in place at the Site. This soil cover system is comprised of existing asphalt pavement, existing concrete building slabs, and existing grassed areas. The layout of the soil cover system is depicted in Figure 5. Additional information can be found in the Institutional and Engineering Controls Certification Form (Appendix A).

The soil cover system was in place for the duration of this PRR certification period, and no maintenance or repair of the soil cover system was conducted during this reporting period.

During the Site visit on March 15, 2018, snow cover limited direct observation of the ground surface across portions of the Site, however, there was no reported removal or breach of the soil cover system during this certification period. An isolated area near the southwestern corner of the building was observed to have some rutting due to snow removal. This area will need to be

regraded and reseed in the spring, when conditions are favorable. Documentation of the repairs will be included in the next PRR.

During the March 15, 2018 Site visit the stormwater catch basin adjacent to Luther Avenue, approximately midpoint of the paved parking area along the buildings, was observed to have ponding water and no apparent appreciable flow. It is presumed the catch basin is filled with sediment and not draining properly.

During the Site visit on March 24, 2017, for the prior year's certification period, an area adjacent to the stormwater catch basin at the corner of Luther Avenue and Knapp Street was found to have some localized subsidence. Based on the current Site visit on March 15, 2018 the catch basin was replaced and the surrounding area repaired with new asphalt paving. The work was performed adjacent to the Site by others, but the work did not appear to extend on-Site and therefore does not constitute a breach of the soil cover system.

Additional information can be found in the Inspection Checklists and documentation included in Appendix C.

4. Operations and Monitoring

During this PRR certification period, the NYSDEC-approved SMP (SWRNA, August 2011, Revised: November 2011; Revised: February 2017 by GHD) required semi-annual groundwater monitoring of six (6) groundwater monitoring wells (MW-1, MW-7, MW-8, MW-12, MW-13, and MW-18) and reporting to demonstrate groundwater remedy effectiveness and the overall reduction in contamination on-Site. In addition, annual groundwater monitoring was required for three (3) groundwater monitoring wells (MW-10, MW-11, and MW-19) to document Site groundwater quality. No additional monitoring occurred during this PRR certification period.

Groundwater monitoring well purge water collected during each of the monitoring events was containerized and staged on-Site. The containerized water will be characterized by Syracuse Label and will be disposed of off-Site once containers are full. During this PRR certification period, no purge water was disposed of off-site.

The required groundwater monitoring was completed in accordance with the SMP (Figure 2 and Tables 1 and 2). The laboratory sample results obtained during this PRR certification period were transmitted to the NYSDEC and NYSDOH on:

- May 31, 2017 (2nd Quarter 2017 Sampling)
- November 29, 2017 (4th Quarter 2017 Sampling)

Groundwater sampling results for each quarterly sampling event were also uploaded into the NYSDEC EQuIS Database, approved by the EQuIS Team, and are ready for use (Appendix D).

4.1 Groundwater Monitoring Results

Based on the data, concentrations of target compounds in groundwater have shown decreases over time as a result of the remedial action and corrective measures. The most current groundwater sample analytical results (May 2017 or November 2017 sampling events) indicate non-detect (ND) concentrations for PCE and TCE (Table 2 and Appendix E) for all groundwater samples, except for the May 2017 sample taken from MW-1, which had a detectable concentration of TCE (estimated value of 6.4 ppb) that was above the New York State groundwater standard. The majority of the wells also have relatively low, or ND, concentrations of degradation byproducts DCE and VC, with the exception of the most recent round of samples taken from groundwater monitoring wells MW-1 and MW-18, which identified concentrations of these degradation byproducts that were above baseline concentrations, as shown in the summary tables below.

MW-1

Target Compounds	Baseline Concentrations (February 2010)	Current Concentration (November 2017)
Tetrachloroethene (PCE)	60 micrograms per liter (ug/L)	Non-Detect (ND)
Trichloroethene (TCE)	39 ug/L	ND
cis-1,2-dichloroethene (cis-DCE)	150 ug/L	440 ug/L
trans-1,2-dichloroethene (trans-DCE)	0.91 ug/L	ND
Vinyl chloride (VC)	33 ug/L	290 ug/L

MW-7

Target Compounds	Baseline Concentrations (February 2010)	Current Concentration (November 2017)
Tetrachloroethene (PCE)	27,000 ug/L	ND
Trichloroethene (TCE)	4,300 ug/L	ND
cis-1,2-dichloroethene (cis-DCE)	2,600 ug/L	ND
trans-1,2-dichloroethene (trans-DCE)	ND	ND
Vinyl chloride (VC)	260 ug/L	ND

MW-8

Target Compounds	Baseline Concentrations (February 2010)	Current Concentration (November 2017)
Tetrachloroethene (PCE)	3,900 ug/L	ND
Trichloroethene (TCE)	860 ug/L	ND
cis-1,2-dichloroethene (cis-DCE)	2,500 ug/L	1 ug/L
trans-1,2-dichloroethene (trans-DCE)	ND	ND
Vinyl chloride (VC)	250 ug/L	ND

MW-10

Target Compounds	Baseline Concentrations (September 2011)	Current Concentration (November 2017)
Tetrachloroethene (PCE)	ND	ND
Trichloroethene (TCE)	ND	ND
cis-1,2-dichloroethene (cis-DCE)	93 ug/L	ND
trans-1,2-dichloroethene (trans-DCE)	ND	ND
Vinyl chloride (VC)	13 ug/L	ND

MW-11

Target Compounds	Baseline Concentrations (February 2011)	Current Concentration (November 2017)
Tetrachloroethene (PCE)	42,000 ug/L	ND
Trichloroethene (TCE)	6,300 ug/L	ND
cis-1,2-dichloroethene (cis-DCE)	3,800 ug/L	ND
trans-1,2-dichloroethene (trans-DCE)	ND	ND
Vinyl chloride (VC)	ND	ND

MW-12

Target Compounds	Baseline Concentrations (February 2010)	Current Concentration (November 2017)
Tetrachloroethene (PCE)	220 ug/L	ND
Trichloroethene (TCE)	79 ug/L	ND
cis-1,2-dichloroethene (cis-DCE)	670 ug/L	ND
trans-1,2-dichloroethene (trans-DCE)	ND	ND
Vinyl chloride (VC)	18 ug/L	ND

MW-13

Target Compounds	Baseline Concentrations (February 2010)	Current Concentration (November 2017)
Tetrachloroethene (PCE)	410 ug/L	ND
Trichloroethene (TCE)	600 ug/L	ND
cis-1,2-dichloroethene (cis-DCE)	780 ug/L	2.6 ug/L
trans-1,2-dichloroethene (trans-DCE)	12 ug/L	ND
Vinyl chloride (VC)	29 ug/L	23 ug/L

MW-18

Target Compounds	Baseline Concentrations (October 2010)	Current Concentration (November 2017)
Tetrachloroethene (PCE)	ND	ND
Trichloroethene (TCE)	ND	ND
cis-1,2-dichloroethene (cis-DCE)	ND	470 ug/L
trans-1,2-dichloroethene (trans-DCE)	ND	ND
Vinyl chloride (VC)	2.7 ug/L	92 ug/L

MW-19

Target Compounds	Baseline Concentrations (October 2010)	Current Concentration (November 2017)
Tetrachloroethene (PCE)	ND	ND
Trichloroethene (TCE)	ND	ND
cis-1,2-dichloroethene (cis-DCE)	ND	ND
trans-1,2-dichloroethene (trans-DCE)	ND	ND
Vinyl chloride (VC)	ND	ND

Concentrations of cis-DCE and VC showed a sharp increase in most wells sampled following implementation of the pre-COC groundwater remedy (Table 2). The increases observed for cis-DCE and VC were expected as a result of the sequential degradation resulting from groundwater remediation efforts, which degraded PCE and TCE to cis-DCE and VC. The concentrations of cis-DCE and VC have generally shown a decreasing trend following the implementation of the corrective measures (Table 2 and Appendix E) as these compounds undergo further degradation. Laboratory analytical results of samples taken from MW-13 indicate concentrations of cis-DCE and VC continue to attenuate over time and are exhibiting generally decreasing trends since the initial increases observed following injection. Concentrations of cis-DCE and VC in samples taken from MW-1 and MW-18 continue to identify increases since ISCR injections occurred; however, the concentrations of PCE and TCE in samples taken from these wells continues to generally be non-detect, with the exception of sporadic detections at relatively low concentrations in samples taken from MW-1. Trends in laboratory analytical results of samples taken from these two (2) groundwater monitoring wells will continue to be evaluated to determine if decreasing trends are identified for degradation products cis-DCE and VC.

Based on the groundwater data received to date, the qualitative exposure assessment assumptions regarding on-Site and off-Site contamination have not changed and are still valid.

5. Recommendations

Based on a review of the groundwater data, it is recommended that the current ICs and ECs for the Site remain in place in order to ensure the continued effectiveness and protectiveness of the remedy. Groundwater monitoring should be continued at the reduced frequency of semi-annually and annually, in accordance with the NYSDEC and NYSDOH-approved monitoring variance request and approved Revised-SMP (GHD, February 2017). The effectiveness of the remedy should continue to be evaluated based on the groundwater monitoring results. Based on the groundwater data, the groundwater monitoring program can be reviewed and modified as appropriate with the approval of the NYSDEC and NYSDOH.

The isolated area of rutting observed near the southwestern corner of the building should be regraded and reseeded in the spring, when weather conditions are favorable. Periodic (i.e., monthly) Site inspections should be continued to assess the proper functioning of the SSDS and that the soil cover engineering controls are in place and functioning as intended. The ICs should be evaluated in accordance with the revised-SMP, at a minimum annually at the time the next PRR is completed in 2019.

Finally, it is recommended that the Town of Salina be contacted to clean the stormwater catch basin adjacent to the Luther Avenue right-of-way to remedy the localized ponding of stormwater.

Figures

Contour Interval: 10 Feet

Map Taken From: USGS 7.5 Minute Series
Topographic Quadrangle;
Syracuse West (2013)
(U.S. Geological Survey)

QUADRANGLE LOCATION

0 1000 2000 3000 4000'

SCALE 1"=2000' AT ORIGINAL SIZE

N

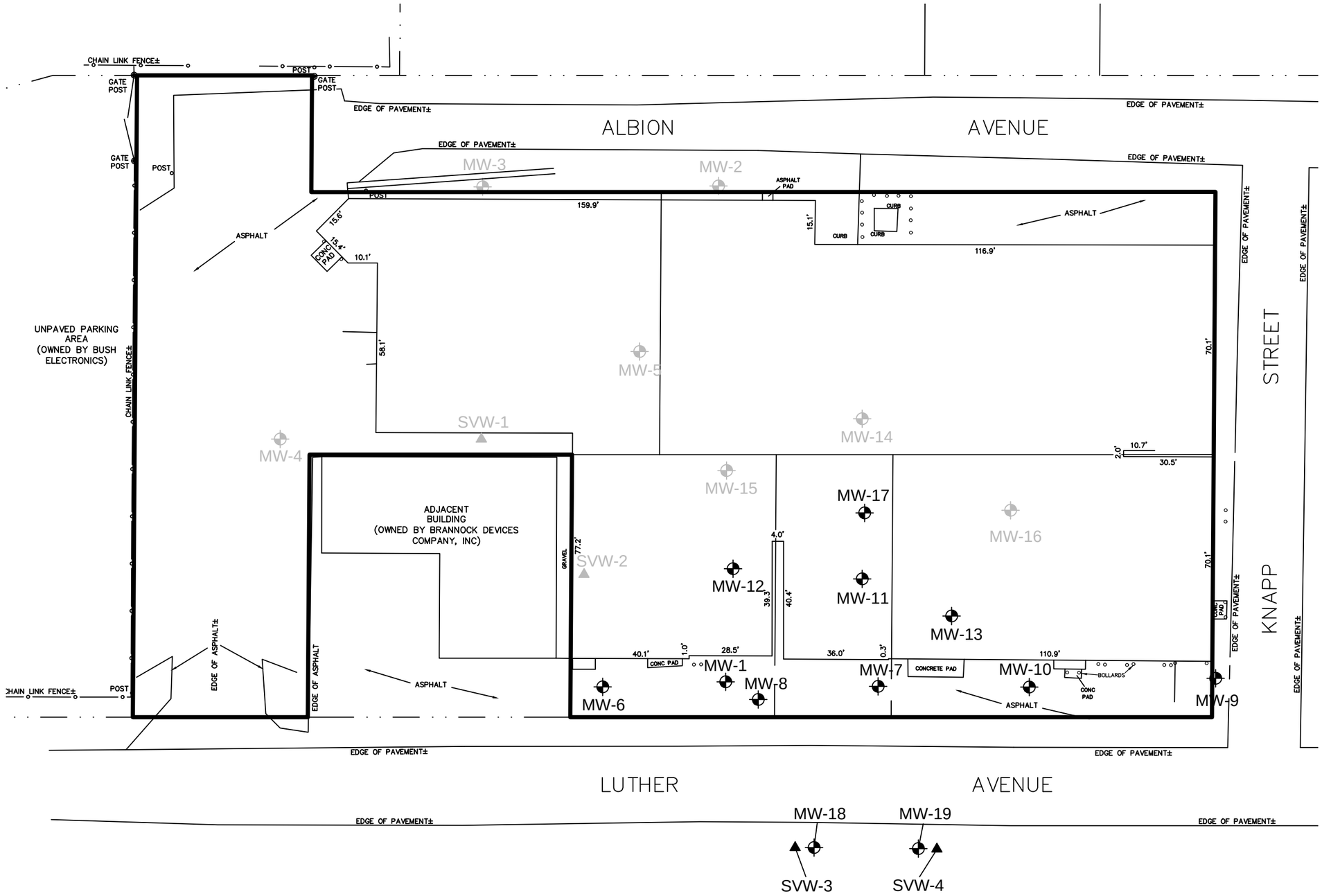
Syracuse Label Company, Inc
Periodic Review Report for BCP Site #C734118
March 17, 2017 to March 17, 2018
Site Location Map

Job Number	86-14941
Revision	A
Date	04.03.2018

Figure 1

One Remington Park Drive, Cazenovia NY 13035 USA **T** 1 315 679 5800 **F** 1 315 679 5853 **E** cazmail@ghd.com **W** www.ghd.com

Plot Date: 28 February 2018 - 1:17 PM Cad File No: G:\86\14941\PRRs\PRR - March 17, 2017 to March 17, 2018\Figures\Figure 1.dwg



LEGEND:

- MW-1 — GROUNDWATER MONITORING WELL LOCATION AND ID
- SVW-1 — SOIL VAPOR MONITORING WELL LOCATION AND ID
- MW-2 — GROUNDWATER MONITORING WELL LOCATION AND ID DECOMMISSIONED DECEMBER 2016 (SURVEYED)
- SVW-1 — SOIL VAPOR MONITORING WELL LOCATION AND ID DECOMMISSIONED DECEMBER 2016 (SURVEYED)
- BCP SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)

NOTES:
1. GROUNDWATER MONITORING WELLS SAMPLED SEMI-ANNUALLY FOR IN-SITU CHEMICAL REDUCTION (ISCR) EFFECTIVENESS MONITORING INCLUDE MW-1, MW-7, MW-8, MW-12, MW-13, AND MW-18.
2. GROUNDWATER MONITORING WELLS SAMPLED ANNUALLY FOR SITE MONITORING INCLUDE MW-10, MW-11, AND MW-19.

0 18 36 54 72'

SCALE 1"=36' AT ORIGINAL SIZE

NOTES:
1. SITE FEATURES BASED ON SITE SURVEY BY IANUZI & ROMANS, P.C. MARCH 2010 AND NOVEMBER 2010.

Syracuse Label Company, Inc.
Periodic Review Report for BCP Site #C734118
March 17, 2017 to March 17, 2018
Site Layout

Job Number 86-14941
Revision A
Date 04.03.2018

Figure 2

One Remington Park Drive, Cazenovia NY 13035 USA **T** 1 315 679 5800 **F** 1 315 679 5801 **E** cazmail@ghd.com **W** www.ghd.com

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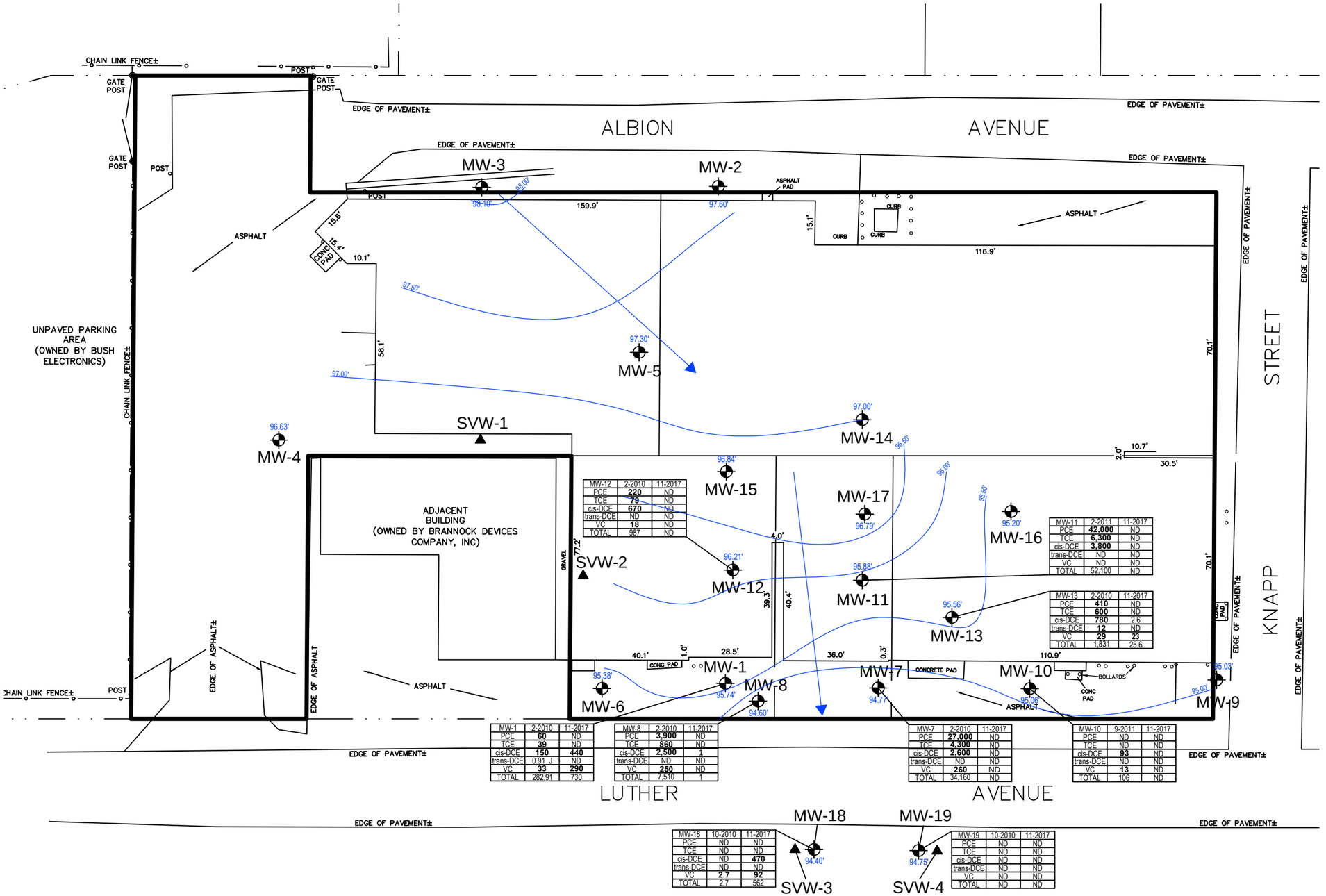


LEGEND:

- MW-1 — GROUNDWATER MONITORING WELL LOCATION AND ID
- SVW-1 — SOIL VAPOR MONITORING WELL LOCATION AND ID
- BCP SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- 94.43' — GROUNDWATER ELEVATION (JUNE 2015)
- 95.00' — GROUNDWATER ELEVATION CONTOURS AND FLOW DIRECTION (APPROXIMATE)

WELL ID	DATE OF SAMPLING
ANALYTE	CONCENTRATION (ug/L)

NOTES:
1. DATA TABLES:
   - Baseline data is from either the remedial investigation (February 2010 and October 2010) or the remedial action pilot test baseline event (February 2011).
   - Most recent data is from either the 4th quarter 2017 event (November 2017) or the 4th quarter 2016 event (December 2016).
   - PCE - Tetrachloroethene
   - TCE - Trichloroethene
   - cis-DCE - cis-1,2-Dichloroethene
   - trans-DCE - trans-1,2-Dichloroethene
   - VC - Vinyl Chloride
   - TOTAL - Total of PCE, TCE, cis-DCE, trans-DCE, and VC
   - ND - Not Detected
   - Bold results indicate an exceedance of applicable groundwater standard
2. REFER TO DATA TABLES IN PERIODIC REVIEW REPORT FOR COMPLETE SUMMARY OF GROUNDWATER SAMPLING RESULTS
3. GROUNDWATER ELEVATIONS AND CONTOURS BASED ON JUNE 2015 MEASUREMENTS, WHICH IS THE LAST TIME ALL SITE MONITORING WELLS WERE MEASURED.
4. GROUNDWATER MONITORING WELLS SAMPLED SEMI-ANNUALLY FOR IN-SITU CHEMICAL REDUCTION (ISCR) EFFECTIVENESS MONITORING INCLUDE MW-1, MW-7, MW-8, MW-12, MW-13, AND MW-18.
5. GROUNDWATER MONITORING WELLS SAMPLED ANNUALLY FOR SITE MONITORING INCLUDE MW-10, MW-11, AND MW-19.

0 18 36 54 72'

SCALE 1"=36' AT ORIGINAL SIZE

NOTES:
1. SITE FEATURES BASED ON SITE SURVEY BY IANUZI & ROMANS, P.C. MARCH 2010 AND NOVEMBER 2010.

Syracuse Label Company, Inc.
Periodic Review Report for BCP Site #C734118
March 17, 2018 to March 17, 2018

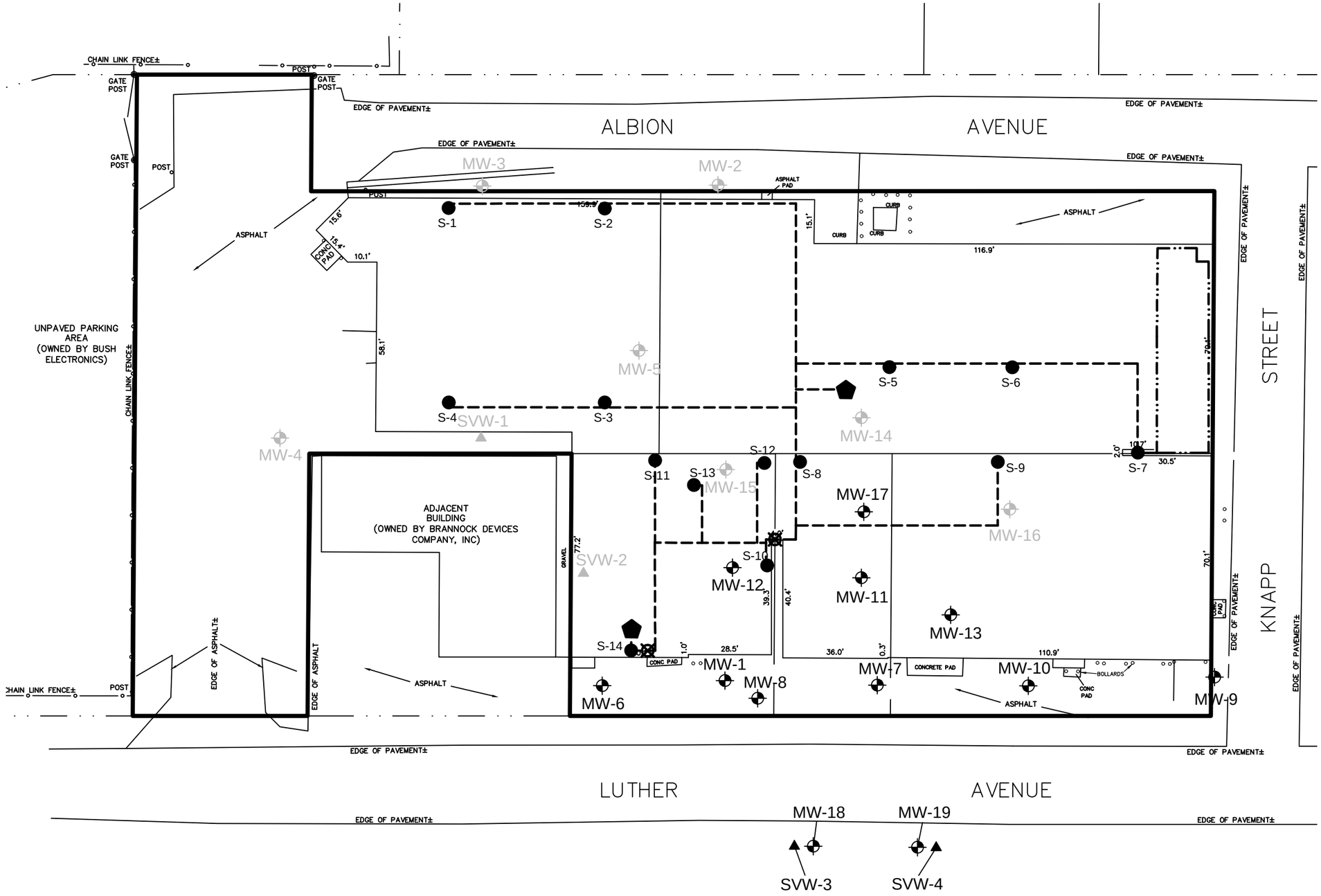
Groundwater Monitoring Results and Flow Direction

Job Number 86-14941
Revision A
Date 03.14.2018

Figure 3

One Remington Park Drive, Cazenovia NY 13035 USA **T** 1 315 679 5800 **F** 1 315 679 5801 **E** cazmail@ghd.com **W** www.ghd.com

Plot Date: 14 March 2018 - 3:01 PM Cad File No: G:\86\14941\PRRs\PRR - March 17, 2017 to March 17, 2018\Figures\Figure 3.dwg



LEGEND:

- MW-1 — GROUNDWATER MONITORING WELL LOCATION AND ID
- SVW-1 — SOIL VAPOR MONITORING WELL LOCATION AND ID
- MW-2 — GROUNDWATER MONITORING WELL LOCATION AND ID DECOMMISSIONED DECEMBER 2016 (SURVEYED)
- SVW-1 — SOIL VAPOR MONITORING WELL LOCATION AND ID DECOMMISSIONED DECEMBER 2016 (SURVEYED)
- BCP SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- SSDS SUCTION POINT RISER LOCATION AND ID (14 LOCATIONS - APPROXIMATE)
- SSDS FAN LOCATION (2 LOCATIONS - APPROXIMATE)
- SSDS CONDENSATE CLEANOUT LOCATION (2 LOCATIONS - APPROXIMATE)
- SSDS SUCTION PIPE RUN (APPROXIMATE)
- SSDS SUB-SLAB PIPING (APPROXIMATE)

NOTE:
ALL SSDS LOCATIONS ARE APPROXIMATE BASED ON FIELD OBSERVATIONS AND ARE NOT SURVEYED.

0 18 36 54 72'

SCALE 1"=36' AT ORIGINAL SIZE

NOTES:
1. SITE FEATURES BASED ON SITE SURVEY BY IANUZI & ROMANS, P.C. MARCH 2010 AND NOVEMBER 2010.

Syracuse Label Company, Inc.
Periodic Review Report for BCP Site #C734118
March 17, 2017 to March 17, 2018

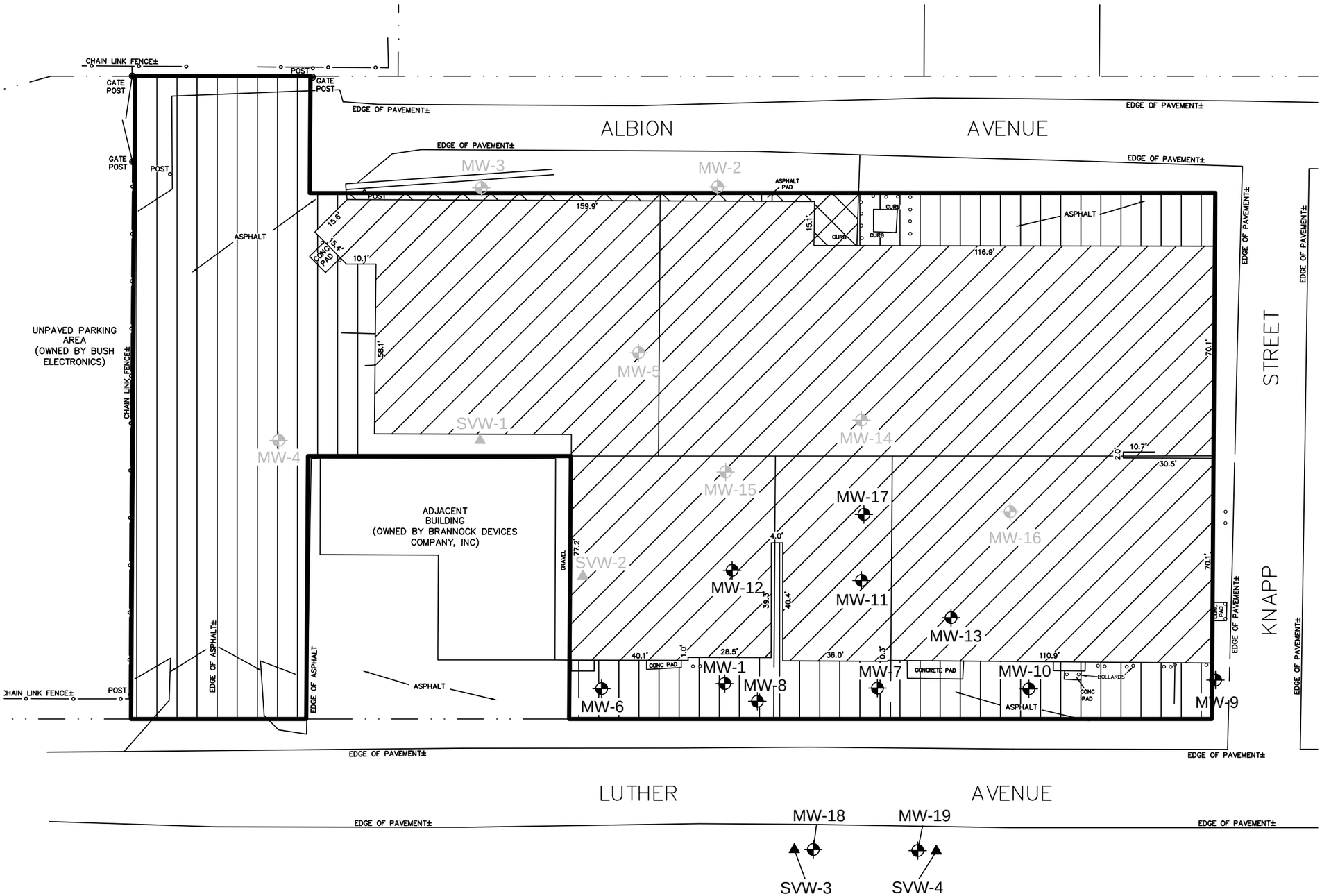
Sub-Slab Depressurization System Layout

Job Number	86-14941
Revision	A
Date	03.14.2018

Figure 4

One Remington Park Drive, Cazenovia NY 13035 USA **T** 1 315 679 5800 **F** 1 315 679 5801 **E** cazmail@ghd.com **W** www.ghd.com

Plot Date: 14 March 2018 - 3:03 PM Cad File No: G:\86\14941\PRRs\PRR - March 17, 2017 to March 17, 2018\Figures\Figure 4.dwg



LEGEND:

- MW-1 — GROUNDWATER MONITORING WELL LOCATION AND ID
- SVW-1 — SOIL VAPOR MONITORING WELL LOCATION AND ID
- MW-2 — GROUNDWATER MONITORING WELL LOCATION AND ID DECOMMISSIONED DECEMBER 2016 (SURVEYED)
- SVW-1 — SOIL VAPOR MONITORING WELL LOCATION AND ID DECOMMISSIONED DECEMBER 2016 (SURVEYED)
- BCP SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- EXISTING BUILDING SLAB ACTING AS ENGINEERING CONTROL
- EXISTING ASPHALT PAVEMENT ACTING AND ENGINEERING CONTROL
- EXISTING GRASS AREA ACTING AS ENGINEERING CONTROL

0 18 36 54 72'

SCALE 1"=36' AT ORIGINAL SIZE

NOTES:
1. SITE FEATURES BASED ON SITE SURVEY BY IANUZI & ROMANS, P.C. MARCH 2010 AND NOVEMBER 2010.

Syracuse Label Company, Inc.
Periodic Review Report for BCP Site #C734118
March 17, 2017 to March 17, 2018
Soil Cover Engineering Controls

Job Number 86-14941
Revision A
Date 03.14.2018

Figure 5

One Remington Park Drive, Cazenovia NY 13035 USA **T** 1 315 679 5800 **F** 1 315 679 5801 **E** cazmail@ghd.com **W** www.ghd.com

Plot Date: 14 March 2018 - 3:04 PM Cad File No: G:\86\14941\PRRs\PRR - March 17, 2017 to March 17, 2018\Figures\Figure 5.dwg

Tables

Table 1
Groundwater Elevations

Syracuse Label Co. Inc.
110 Luther Avenue BCP Site
BCP Site #C734118

Monitoring Well I.D.	Date	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW-1	9/22/2011	Top of PVC	97.75	2.10	11.11	95.65	0.36
	3/29/2012			2.32	11.11	95.43	0.35
	12/20/2012			2.41	11.11	95.34	0.35
	3/28/2013			2.45	11.11	95.30	0.35
	12/18/2013			2.55	11.11	95.20	0.34
	6/18/2014			2.31	11.20	95.44	0.36
	6/24/2015			2.01	11.20	95.74	0.37
	9/28/2015			2.35	11.20	95.40	0.35
	7/6/2016			2.65	11.25	95.10	0.34
	9/22/2016			1.66	11.25	96.09	0.38
	5/31/2017			1.64	11.48	96.11	0.39
	11/29/2017			1.55	11.50	96.20	0.40
MW-2	6/23/2011	Top of PVC	100.38	3.02	9.90	97.36	0.28
	8/29/2011			2.37	11.17	98.01	0.35
	9/22/2011			2.82	11.17	97.56	0.33
	3/29/2012			3.10	11.90	97.28	0.35
	6/28/2012			3.39	11.90	96.99	0.34
	9/13/2012			3.45	11.90	96.93	0.34
	12/19/2012			3.16	11.90	97.22	0.35
	3/28/2013			3.06	11.90	97.32	0.35
	6/27/2013			2.95	11.95	97.43	0.36
	9/26/2013			2.86	11.95	97.52	0.36
	12/18/2013			3.34	11.99	97.04	0.35
	3/26/2014			3.65	11.99	96.73	0.33
	6/18/2014			2.98	11.99	97.40	0.36
	9/29/2014			3.30	11.99	97.08	0.35
	12/29/2014			3.05	11.99	97.33	0.36
	3/30/2015			2.76	11.99	97.62	0.37
	6/24/2015			2.78	12.21	97.60	0.38
	9/28/2015			3.30	12.00	97.08	0.35
	12/28/2015			2.93	12.07	97.45	0.37
	3/30/2016			2.89	12.35	97.49	0.38
	7/6/2016			3.65	12.10	96.73	0.34
	12/19/2016			2.95	12.10	97.43	0.37
MW-3	12/19/2012	Top of PVC	100.21	2.15	NM	98.06	NM
	3/28/2013			2.22	NM	97.99	NM
	6/24/2015			2.11	13.35	98.10	0.45
MW-4	12/19/2012	Top of PVC	99.22	NM	NM	NM	NM
	6/24/2015			2.59	11.31	96.63	0.35
MW-5	12/19/2012	Top of PVC	99.65	2.28	NM	97.37	NM
	3/28/2013			2.32	NM	97.33	NM
	6/24/2015			2.35	15.20	97.30	0.51
MW-6	12/19/2012	Top of PVC	97.49	NM	NM	NM	NM
	6/24/2015			2.11	16.25	95.38	2.26
	12/29/2015			2.08	16.25	95.41	2.27

DTW - Depth to water
DOW - Depth of well
NM - Not measured

Table 1
Groundwater Elevations

Syracuse Label Co. Inc.
110 Luther Avenue BCP Site
BCP Site #C734118

Monitoring Well I.D.	Date	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW-7	6/23/2011	Top of PVC	97.28	2.73	15.80	94.55	2.09
	8/30/2011			2.31	15.71	94.97	2.14
	9/22/2011			3.35	15.71	93.93	1.98
	3/29/2012			3.04	15.79	94.24	2.04
	6/28/2012			2.95	15.79	94.33	2.05
	9/13/2012			4.89	15.79	92.39	1.74
	12/21/2012			2.92	15.79	94.36	2.06
	3/28/2013			3.35	16.29	93.93	2.07
	6/27/2013			2.17	15.36	95.11	2.11
	9/26/2013			7.11	15.36	90.17	1.32
	12/18/2013			8.00	15.36	89.28	1.18
	3/26/2014			2.83	15.36	94.45	2.00
	6/18/2014			7.81	15.36	89.47	1.21
	9/29/2014			5.85	16.45	91.43	1.70
	12/29/2014			4.37	16.40	92.91	1.92
	3/30/2015			1.85	16.45	95.43	2.34
	6/24/2015			2.51	16.39	94.77	2.22
	9/28/2015			7.77	16.49	89.51	1.40
	12/28/2015			2.98	16.40	94.30	2.15
	3/30/2016			2.45	16.40	94.83	2.23
	7/6/2016			4.25	16.40	93.03	1.94
	9/22/2016			3.77	16.40	93.51	2.02
	12/20/2016			3.73	16.47	93.55	2.04
	5/31/2017			2.12	16.72	95.16	2.34
	11/29/2017			2.69	16.68	94.59	2.24
MW-8	6/23/2011	Top of PVC	97.38	2.50	17.05	94.88	2.33
	8/30/2011			2.50	17.05	94.88	2.33
	9/22/2011			2.46	17.05	94.92	2.33
	3/30/2012			2.51	17.06	94.87	2.33
	6/28/2012			2.76	17.06	94.62	2.29
	9/13/2012			2.90	17.06	94.48	2.27
	12/21/2012			2.41	17.06	94.97	2.34
	3/28/2013			2.37	17.26	95.01	2.38
	6/27/2013			2.42	16.55	94.96	2.26
	9/26/2013			2.95	16.55	94.43	2.18
	12/18/2013			2.95	16.55	94.43	2.18
	3/26/2014			2.86	16.55	94.52	2.19
	6/18/2014			2.61	16.55	94.77	2.23
	9/29/2014			2.86	16.50	94.52	2.18
	12/29/2014			2.59	16.27	94.79	2.19
	3/30/2015			2.35	16.51	95.03	2.27
	6/24/2015			2.78	16.50	94.60	2.20
	9/29/2015			3.42	16.49	93.96	2.09
	12/29/2015			NM	NM	NM	NM
	3/30/2016			2.14	16.70	95.24	2.33
	7/6/2016			3.62	16.75	93.76	2.10
	9/22/2016			6.04	16.75	91.34	1.71
	12/20/2016			2.25	16.81	95.13	2.33
	5/31/2017			2.34	17.00	95.04	2.35
	11/29/2017			3.25	17.02	94.13	2.20
MW-9	12/19/2012	Top of PVC	97.14	NM	NM	NM	NM
	6/24/2015			2.11	14.96	95.03	2.06

DTW - Depth to water
DOW - Depth of well
NM - Not measured

Table 1
Groundwater Elevations

Monitoring Well I.D.	Date	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW-10	9/22/2011	Top of PVC	97.34	2.60	11.82	94.74	1.48
	3/29/2012			2.64	11.82	94.70	1.47
	12/21/2012			2.63	11.82	94.71	1.47
	3/28/2013			2.49	11.82	94.85	1.49
	12/18/2013			2.62	12.95	94.72	1.65
	6/18/2014			2.42	13.11	94.92	1.71
	6/24/2015			2.28	13.25	95.06	1.76
	7/6/2016			2.85	13.55	94.49	1.71
	11/29/2017			2.44	14.00	94.90	1.85
MW-11	6/23/2011	Top of PVC	97.89	2.51	14.30	95.38	0.47
	8/29/2011			2.48	14.34	95.41	0.47
	9/22/2011			4.22	14.34	93.67	0.40
	3/29/2012			2.43	14.35	95.46	0.48
	6/28/2012			2.81	14.35	95.08	0.46
	9/13/2012			3.28	14.35	94.61	0.44
	12/19/2012			2.67	14.35	95.22	0.47
	3/28/2013			2.23	14.35	95.66	0.48
	6/27/2013			1.59	13.91	96.30	0.49
	9/26/2013			2.10	13.91	95.79	0.47
	12/18/2013			2.46	13.91	95.43	0.46
	3/26/2014			2.41	13.91	95.48	0.46
	6/18/2014			2.39	13.91	95.50	0.46
	9/29/2014			2.72	13.91	95.17	0.45
	12/29/2014			2.23	13.91	95.66	0.47
	3/30/2015			1.96	13.91	95.93	0.48
	6/24/2015			2.01	13.91	95.88	0.48
	9/28/2015			2.66	13.91	95.23	0.45
	12/28/2015			2.46	13.91	95.43	0.46
	3/30/2016			2.05	13.91	95.84	0.47
	7/6/2016			2.80	13.91	95.09	0.44
	9/22/2016			2.58	13.91	95.31	0.45
	12/19/2016			2.31	13.91	95.58	0.46
	11/29/2017			2.23	13.91	95.66	0.47
MW-12	6/23/2011	Top of PVC	98.02	2.27	15.60	95.75	0.53
	8/29/2011			2.12	15.60	95.90	0.54
	9/22/2011			2.32	15.60	95.70	0.53
	3/29/2012			2.16	15.61	95.86	0.54
	6/28/2012			2.05	15.61	95.97	0.54
	9/13/2012			3.08	15.61	94.94	0.50
	12/19/2012			2.25	15.60	95.77	0.53
	3/28/2013			2.00	15.60	96.02	0.54
	6/27/2013			2.02	15.60	96.00	0.54
	9/26/2013			2.34	15.60	95.68	0.53
	12/18/2013			2.30	15.60	95.72	0.53
	3/26/2014			2.35	15.60	95.67	0.53
	6/18/2014			1.35	15.60	96.67	0.57
	9/29/2014			2.47	15.60	95.55	0.53
	12/29/2014			1.95	15.60	96.07	0.55
	3/30/2015			1.68	15.60	96.34	0.56
	6/24/2015			1.81	15.60	96.21	0.55
	9/28/2015			2.44	15.60	95.58	0.53
	12/28/2015			2.17	15.60	95.85	0.54
	3/30/2016			1.87	15.73	96.15	0.55
	7/6/2016			2.75	15.73	95.27	0.52
	9/22/2016			2.25	15.73	95.77	0.54
	12/19/2016			2.09	15.73	95.93	0.55
	5/31/2017			1.60	16.00	96.42	0.58
	11/29/2017			2.08	15.98	95.94	0.56

DTW - Depth to water
DOW - Depth of well
NM - Not measured

Table 1
Groundwater Elevations

Syracuse Label Co. Inc.
110 Luther Avenue BCP Site
BCP Site #C734118

Monitoring Well I.D.	Date	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW-13	6/23/2011	Top of PVC	97.98	2.70	12.30	95.28	0.38
	8/29/2011			2.62	12.36	95.36	0.39
	9/22/2011			4.41	12.36	93.57	0.32
	3/29/2012			2.59	12.41	95.39	0.39
	6/28/2012			2.93	12.41	95.05	0.38
	9/13/2012			3.36	12.41	94.62	0.36
	12/19/2012			2.85	12.41	95.13	0.38
	3/28/2013			2.42	12.41	95.56	0.40
	6/27/2013			2.47	14.19	95.51	0.47
	9/26/2013			2.32	14.19	95.66	0.47
	12/18/2013			2.81	14.19	95.17	0.46
	3/26/2014			2.97	14.19	95.01	0.45
	6/18/2014			2.66	14.19	95.32	0.46
	9/29/2014			2.97	14.19	95.01	0.45
	12/29/2014			2.54	14.19	95.44	0.47
	3/30/2015			2.15	14.19	95.83	0.48
	6/24/2015			2.42	14.19	95.56	0.47
	9/28/2015			2.96	14.19	95.02	0.45
	12/28/2015			2.72	14.19	95.26	0.46
	3/30/2016			2.32	14.19	95.66	0.47
	7/6/2016			3.15	14.19	94.83	0.44
	9/22/2016			2.79	14.19	95.19	0.46
	12/19/2016			2.60	14.19	95.38	0.46
	5/31/2017			2.07	14.19	95.91	0.48
	11/29/2017			2.56	14.10	95.42	0.46
MW-14	12/19/2012	Top of PVC	100.40	3.89	NM	96.51	NM
	3/28/2013			3.55	NM	96.85	NM
	6/25/2015			3.40	14.82	97.00	0.46
MW-15	12/19/2012	Top of PVC	98.13	1.62	11.91	96.51	0.41
	3/28/2013			1.38	11.91	96.75	0.42
	6/24/2015			1.29	15.15	96.84	0.55
MW-16	12/19/2012	Top of PVC	97.80	2.27	12.11	95.53	0.39
	3/28/2013			1.80	12.11	96.00	0.41
	6/24/2015			2.60	15.15	95.20	0.50
	7/6/2016			3.25	15.15	94.55	0.48

DTW - Depth to water
DOW - Depth of well
NM - Not measured

Table 1
Groundwater Elevations

Syracuse Label Co. Inc.
110 Luther Avenue BCP Site
BCP Site #C734118

Monitoring Well I.D.	Date	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
MW-17	6/23/2011	Top of PVC	97.89	2.05	13.00	95.84	1.75
	8/29/2011			1.95	12.60	95.94	1.70
	9/22/2011			3.72	12.60	94.17	1.42
	3/29/2012			1.95	12.52	95.94	1.69
	6/28/2012			2.33	12.52	95.56	1.63
	9/13/2012			2.86	12.52	95.03	1.55
	12/19/2012			2.15	12.52	95.74	1.66
	3/28/2013			1.73	12.52	96.16	1.73
	6/27/2013			1.56	12.52	96.33	1.75
	9/26/2013			1.89	12.52	96.00	1.70
	12/18/2013			1.79	12.52	96.10	1.72
	3/26/2014			1.71	12.52	96.18	1.73
	6/18/2014			1.76	12.52	96.13	1.72
	9/29/2014			2.01	12.52	95.88	1.68
	12/29/2014			1.61	12.52	96.28	1.75
	3/30/2015			1.31	12.52	96.58	1.79
	6/24/2015			1.10	12.52	96.79	1.83
	9/28/2015			2.01	12.52	95.88	1.68
	12/28/2015			1.87	12.52	96.02	1.70
	3/30/2016			1.59	12.52	96.30	1.75
	7/6/2016			2.32	12.52	95.57	1.63
	9/22/2016			1.96	12.52	95.93	1.69
	12/19/2016			1.80	12.52	96.09	1.72
MW-18	9/22/2011	Top of PVC	96.86	4.19	12.61	92.67	1.35
	3/29/2012			2.44	12.61	94.42	1.63
	12/20/2012			2.36	12.58	94.50	1.64
	6/19/2014			2.57	12.64	94.29	1.61
	12/29/2014			2.99	12.59	93.87	1.54
	6/24/2015			2.46	12.55	94.40	1.61
	12/30/2015			2.25	12.58	94.61	1.65
	7/7/2016			2.78	12.60	94.08	1.57
	9/22/2016			2.48	12.60	94.38	1.62
	5/31/2017			2.05	12.80	94.81	1.72
	11/29/2017			2.42	12.80	94.44	1.66
MW-19	9/22/2011	Top of PVC	97.14	4.26	13.11	92.88	1.42
	3/29/2012			2.52	13.11	94.62	1.69
	12/20/2012			2.35	13.10	94.79	1.72
	6/19/2014			2.61	13.11	94.53	1.68
	12/29/2014			2.17	13.09	94.97	1.75
	6/24/2015			2.39	13.05	94.75	1.71
	12/30/2015			2.25	13.10	94.89	1.74
	7/7/2016			3.02	13.05	94.12	1.60
	9/22/2016			2.65	13.05	94.49	1.66
	11/29/2017			2.56	13.28	94.58	1.72

DTW - Depth to water
DOW - Depth of well
NM - Not measured

Table 2
Summary of Groundwater Sample Laboratory Analytical Results

			EPA 8260B				
			Tetrachloroethene	TCE	cis-1,2-dichloroethene	trans-1,2-dichloroethene	Vinyl chloride
			µg/L	µg/L	µg/L	µg/L	µg/L
Regulatory Standard			**5**	**5**	**5**	**5**	**2**
Sample ID	**Date Sampled**	**Well ID**					
MW-01	2/10/2010	MW-01	**60**	**39**	**150**	0.91J	**33**
MW-01	9/11/2011	MW-01	**72**	**34**	**110**	<0.76U	**12**
MW-01	3/30/2012	MW-01	**45**	**19**	**100**	<1U	**29**
MW-01	12/20/2012	MW-01	**25**	**21**	**78**	<1U	**25**
MW-01	6/19/2014	MW-01	0.92J	1.9	**59**	<1U	**17**
MW-01	6/25/2015	MW-01	<1U	0.59J	**130**	<1U	**42**
MW-01	9/29/2015	MW-01	1.3J	2.4	**220**	<2U	**94**
MW-01	7/7/2016	MW-01	1.1J	**7.2**	**2,500**	3.4	**1,100**
MW-01	9/23/2016	MW-01	<0.36U	1.7	**410**	1.3	**160**
MW-01	5/31/2017	MW-01	<3.6U	**6.4J**	**910**	<9U	**250**
MW-01	11/29/2017	MW-01	<3.6U	<4.6U	**440**	<9U	**290**

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Table 2
Summary of Groundwater Sample Laboratory Analytical Results

			EPA 8260B				
			Tetrachloroethene	TCE	cis-1,2-dichloroethene	trans-1,2-dichloroethene	Vinyl chloride
			µg/L	µg/L	µg/L	µg/L	µg/L
Regulatory Standard			**5**	**5**	**5**	**5**	**2**
Sample ID	**Date Sampled**	**Well ID**					
MW-02	12/1/2007	MW-02	<1U	-	-	-	-
MW-02	2/11/2010	MW-02	**22**	1.2J	<0.99U	<0.76U	<0.99U
MW-02	6/11/2011	MW-02	<0.81U	<0.62U	<0.99U	<0.76U	<0.99U
MW-02	3/29/2012	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	6/28/2012	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	9/13/2012	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	12/12/2012	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	3/29/2013	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	6/28/2013	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	9/27/2013	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	12/19/2013	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	3/27/2014	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	6/19/2014	MW-02	0.72J	<1U	<1U	<1U	<1U
MW-02	9/30/2014	MW-02	<0.2U	<0.15U	<0.2U	<0.26U	<0.29U
MW-02	12/30/2014	MW-02	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-02	3/31/2015	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	6/25/2015	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	9/29/2015	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	12/29/2015	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	3/31/2016	MW-02	<1U	<1U	<1U	<1U	<1U
MW-02	7/7/2016	MW-02	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-02	12/19/2016	MW-02	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-03	6/25/2015	MW-03	<5U	<5U	<5U	<5U	<5U
MW-04	6/25/2015	MW-04	<5U	<5U	<5U	<5U	<5U
MW-05	6/25/2015	MW-05	<5U	<5U	<5U	<5U	<5U
MW-06	6/25/2015	MW-06	<1U	<1U	<1U	<1U	<1U
MW-06	12/29/2015	MW-06	<1U	<1U	<1U	<1U	<1U

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			Tetrachloroethene	TCE	cis-1,2-dichloroethene	trans-1,2-dichloroethene	Vinyl chloride
			µg/L	µg/L	µg/L	µg/L	µg/L
Regulatory Standard			**5**	**5**	**5**	**5**	**2**
Sample ID	**Date Sampled**	**Well ID**					
MW-07	1/1/2008	MW-07	**14,000**	**1,700**	**2,600**	<200U	**560**
MW-07	2/11/2010	MW-07	**27,000**	**4,300**	**2,600**	<150U	**260J**
MW-07	2/11/2011	MW-07	**17,000**	**2,600**	**2,600**	<150U	**620J**
MW-07	3/11/2011	MW-07	**6,900**	**3,600**	**14,000**	<76U	**460J**
MW-07	4/11/2011	MW-07	**370J**	**150J**	**17,000**	<150U	**690J**
MW-07	6/11/2011	MW-07	**1,600**	**3,300**	**19,000**	<190U	**1,100J**
MW-07	8/11/2011	MW-07	**240J**	**520J**	**24,000**	<190U	**8,500**
MW-07	9/11/2011	MW-07	**240J**	**380**	**7,400**	<38U	**4,300**
MW-07	3/29/2012	MW-07	**34**	**170J**	**11,000**	**36**	**4,300**
MW-07	6/28/2012	MW-07	<200U	**140J**	**26,000**	<200U	**8,400**
MW-07	9/13/2012	MW-07	<400U	<400U	**27,000**	<400U	**8,900**
MW-07	12/21/2012	MW-07	<400U	<400U	**16,000**	<400U	**8,100**
MW-07	3/28/2013	MW-07	<400U	<400U	**18,000**	<400U	**7,900**
MW-07	6/27/2013	MW-07	<80U	<80U	**4,300**	<80U	**3,300**
MW-07	9/26/2013	MW-07	<80U	<80U	**6,300**	<80U	**3,000**
MW-07	12/18/2013	MW-07	<40U	<40U	**2,300**	<40U	**2,400**
MW-07	3/26/2014	MW-07	<20U	<20U	**1,400**	<20U	**1,500**
MW-07	6/18/2014	MW-07	<20U	<20U	**510**	<20U	**720**
MW-07	9/29/2014	MW-07	<4U	<4U	**32**	<4U	**88**
MW-07	12/29/2014	MW-07	<1.8U	<2.3U	**39**	<4.5U	**31**
MW-07	3/30/2015	MW-07	<5U	<5U	**22**	<5U	**38**
MW-07	6/25/2015	MW-07	<5U	<5U	**6.5**	<5U	**24**
MW-07	9/28/2015	MW-07	<5U	<5U	**21**	<5U	**46**
MW-07	12/28/2015	MW-07	<5U	<5U	<5U	<5U	**9.9**
MW-07	3/30/2016	MW-07	<5U	<5U	4.9J	<5U	**18**
MW-07	7/6/2016	MW-07	<0.36U	<0.46U	1.6	<0.9U	**6.3**
MW-07	9/22/2016	MW-07	<1.4U	<1.8U	<3.2U	<3.6U	<3.6U
MW-07	12/20/2016	MW-07	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-07	5/31/2017	MW-07	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-07	11/29/2017	MW-07	<1.4U	<1.8U	<3.2U	<3.6U	<3.6U

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			EPA 8260B				
			Tetrachloroethene	TCE	cis-1,2-dichloroethene	trans-1,2-dichloroethene	Vinyl chloride
			µg/L	µg/L	µg/L	µg/L	µg/L
Regulatory Standard			**5**	**5**	**5**	**5**	**2**
Sample ID	**Date Sampled**	**Well ID**					
MW-08	1/2/2008	MW-08	**6,200**	**920**	**1,600**	<200U	**290**
MW-08	2/1/2010	MW-08	**3,900**	**860**	**2,500**	<15U	**250**
MW-08	6/11/2011	MW-08	**1,500**	**540**	**1,700**	<19U	**200**
MW-08	8/11/2011	MW-08	**380J**	**140J**	**5,100**	**100J**	**4,000**
MW-08	9/11/2011	MW-08	**1,100J**	**420J**	**7,900**	**83J**	**2,800**
MW-08	3/30/2012	MW-08	**82**	**22**	**140**	1.1	**66**
MW-08	6/28/2012	MW-08	**1,000**	**460**	**4,000**	**21**	**1,300**
MW-08	9/13/2012	MW-08	**9,500**	**1,900**	**8,000**	**34**	**2,100**
MW-08	12/21/2012	MW-08	**1,800**	**470**	**6,600**	<100U	**2,700**
MW-08	3/28/2013	MW-08	**800**	**380**	**9,400**	<200U	**4,300**
MW-08	6/27/2013	MW-08	**17J**	<40U	**2,100**	<40U	**2,000**
MW-08	9/26/2013	MW-08	<40U	<40U	**160**	<40U	**67**
MW-08	12/18/2013	MW-08	<40U	<40U	<40U	<40U	**110**
MW-08	3/26/2014	MW-08	<5U	<5U	**330**	<5U	**380**
MW-08	6/18/2014	MW-08	<5U	<5U	**110**	<5U	**67**
MW-08	9/29/2014	MW-08	<1U	<1U	0.46J	<1U	<1U
MW-08	12/29/2014	MW-08	<1.8U	<2.3U	<4.1U	<4.5U	<4.5U
MW-08	3/30/2015	MW-08	<40U	<40U	**2,100**	<40U	**1,300**
MW-08	6/25/2015	MW-08	<40U	<40U	**1,500**	<40U	**430**
MW-08	9/29/2015	MW-08	<10U	<10U	**310**	<10U	**160**
MW-08	3/30/2016	MW-08	<10U	<10U	**610**	<10U	**310**
MW-08	7/6/2016	MW-08	<3.6U	<4.6U	**810**	<9U	**460**
MW-08	9/22/2016	MW-08	<3.6U	<4.6U	**430**	<9U	**760**
MW-08	12/20/2016	MW-08	<0.72U	<0.92U	**96**	<1.8U	**63**
MW-08	5/31/2017	MW-08	<3.6U	<4.6U	**490**	<9U	**310**
MW-08	11/29/2017	MW-08	<0.36U	<0.46U	1	<0.9U	<0.9U
MW-09	6/25/2015	MW-09	<1U	<1U	<1U	<1U	<1U
MW-10	9/11/2011	MW-10	<0.81U	<0.62U	**93**	<0.76U	**13**
MW-10	3/30/2012	MW-10	<1U	<1U	**56**	<1U	**13**
MW-10	12/20/2012	MW-10	<1U	<1U	**90**	<1U	**13**
MW-10	6/19/2014	MW-10	<5U	<5U	<5U	<5U	<5U
MW-10	6/25/2015	MW-10	<5U	<5U	<5U	<5U	<5U
MW-10	7/7/2016	MW-10	<0.36U	<0.46U	<0.81U	<0.9U	0.98J
MW-10	11/29/2017	MW-10	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U

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			EPA 8260B				
			Tetrachloroethene	TCE	cis-1,2-dichloroethene	trans-1,2-dichloroethene	Vinyl chloride
			µg/L	µg/L	µg/L	µg/L	µg/L
Regulatory Standard			**5**	**5**	**5**	**5**	**2**
Sample ID	**Date Sampled**	**Well ID**					
MW-11	3/1/2008	MW-11	**14,000**	**2,400**	-	<1,000U	<1,000U
MW-11	2/11/2010	MW-11	**20,000**	**6,100**	**4,400**	<76U	**270J**
MW-11	2/11/2011	MW-11	**42,000**	**6,300**	**3,800**	<380U	<500U
MW-11	3/11/2011	MW-11	**4,200**	**1,100**	**39,000**	<150U	<200U
MW-11	4/11/2011	MW-11	**2,200J**	<310U	**77,000**	<380U	<500U
MW-11	6/11/2011	MW-11	<810U	<620U	**58,000**	<760U	<990U
MW-11	8/11/2011	MW-11	<410U	**390J**	**49,000**	<380U	**1,100J**
MW-11	9/11/2011	MW-11	**370J**	**480J**	**45,000**	<300U	**680J**
MW-11	3/30/2012	MW-11	**58**	**40**	**53,000**	**16**	**2,700**
MW-11	6/28/2012	MW-11	<40U	<40U	**47,000**	<40U	**3,500**
MW-11	9/14/2012	MW-11	<800U	<800U	**59,000**	<800U	**4,300**
MW-11	12/21/2012	MW-11	<800U	<800U	**45,000**	<800U	**4,200**
MW-11	3/28/2013	MW-11	<800U	<800U	**37,000**	<800U	**4,900**
MW-11	6/28/2013	MW-11	<100U	<100U	**9,600**	<100U	**560**
MW-11	9/27/2013	MW-11	<200U	<200U	**20,000**	<200U	**3,200**
MW-11	12/19/2013	MW-11	<50U	<50U	**3,300**	<50U	**1,800**
MW-11	3/27/2014	MW-11	<40U	<40U	**2,800**	<40U	**3,200**
MW-11	6/19/2014	MW-11	<20U	<20U	**500**	<20U	**930**
MW-11	9/30/2014	MW-11	<25U	<25U	**110**	<25U	**250**
MW-11	12/30/2014	MW-11	<1.4U	<1.8U	**68**	<3.6U	**190**
MW-11	3/31/2015	MW-11	<4U	<4U	**63**	<4U	**110**
MW-11	6/25/2015	MW-11	<4U	<4U	<4U	<4U	**5.6**
MW-11	9/29/2015	MW-11	<4U	<4U	<4U	<4U	**5.4**
MW-11	12/29/2015	MW-11	<4U	<4U	<4U	<4U	<4U
MW-11	3/31/2016	MW-11	<4U	<4U	<4U	<4U	<4U
MW-11	7/7/2016	MW-11	<1.4U	<1.8U	<3.2U	<3.6U	<3.6U
MW-11	9/23/2016	MW-11	<1.4U	<1.8U	<3.2U	<3.6U	<3.6U
MW-11	12/20/2016	MW-11	<1.4U	<1.8U	<3.2U	<3.6U	<3.6U
MW-11	11/29/2017	MW-11	<1.4U	<1.8U	<3.2U	<3.6U	<3.6U

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			EPA 8260B				
			Tetrachloroethene	TCE	cis-1,2-dichloroethene	trans-1,2-dichloroethene	Vinyl chloride
			µg/L	µg/L	µg/L	µg/L	µg/L
Regulatory Standard			**5**	**5**	**5**	**5**	**2**
Sample ID	**Date Sampled**	**Well ID**					
MW-12	3/1/2008	MW-12	**1,200**	**280**	-	<20U	<20U
MW-12	2/1/2010	MW-12	**220**	**79**	**670**	<3.8U	**18J**
MW-12	6/11/2011	MW-12	**23J**	<12U	**1,000**	<15U	**45J**
MW-12	8/11/2011	MW-12	**20J**	**16J**	**480**	<7.6U	**100**
MW-12	9/11/2011	MW-12	**17**	**15**	**350**	<1.5U	**66**
MW-12	3/30/2012	MW-12	**8.1**	**6.9**	**280**	<1U	**95**
MW-12	6/28/2012	MW-12	**7.4**	**6.8**	**250**	<5U	**57**
MW-12	9/14/2012	MW-12	**22**	**17**	**310**	<5U	**64**
MW-12	12/21/2012	MW-12	**13**	**15**	**250**	<5U	**58**
MW-12	3/29/2013	MW-12	<5U	<5U	**93**	<5U	**4.9J**
MW-12	6/28/2013	MW-12	**33**	**26**	**2,400**	<5U	**63**
MW-12	9/27/2013	MW-12	<40U	<40U	**1,800**	<40U	**220**
MW-12	12/19/2013	MW-12	<10U	<10U	**500**	<10U	**130**
MW-12	3/27/2014	MW-12	<5U	<5U	**54**	<5U	**18**
MW-12	6/19/2014	MW-12	<5U	<5U	**8.9**	<5U	<5U
MW-12	9/30/2014	MW-12	<1.7U	<1.7U	2.8	<1.7U	1.2J
MW-12	12/30/2014	MW-12	<0.36U	<0.46U	1.7	<0.9U	<0.9U
MW-12	3/31/2015	MW-12	<1U	<1U	1	<1U	<1U
MW-12	6/25/2015	MW-12	<1U	<1U	<1U	<1U	<1U
MW-12	9/29/2015	MW-12	<1U	<1U	0.82J	<1U	<1U
MW-12	12/29/2015	MW-12	<1U	<1U	0.88J	<1U	<1U
MW-12	3/31/2016	MW-12	<1U	<1U	0.82J	<1U	<1U
MW-12	7/7/2016	MW-12	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-12	9/23/2016	MW-12	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-12	12/20/2016	MW-12	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-12	5/31/2017	MW-12	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-12	11/29/2017	MW-12	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U

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			Tetrachloroethene	TCE	cis-1,2-dichloroethene	trans-1,2-dichloroethene	Vinyl chloride
			µg/L	µg/L	µg/L	µg/L	µg/L
Regulatory Standard			**5**	**5**	**5**	**5**	**2**
Sample ID	**Date Sampled**	**Well ID**					
MW-13	3/1/2008	MW-13	**900**	**470**	-	<100U	<100U
MW-13	2/1/2010	MW-13	**410**	**600**	**780**	**12J**	**29**
MW-13	6/11/2011	MW-13	**1,300**	**1,300**	**12,000**	<150U	**300J**
MW-13	8/11/2011	MW-13	**2,500**	**1,800**	**11,000**	<150U	**220J**
MW-13	9/11/2011	MW-13	**2,800**	**2,000**	**7,800**	<76U	**140J**
MW-13	3/30/2012	MW-13	**1,900**	**1,300**	**8,900**	**14**	**470**
MW-13	6/28/2012	MW-13	**2,400**	**1,400**	**9,200**	<100U	**290**
MW-13	9/14/2012	MW-13	**3,300**	**1,900**	**9,700**	<100U	**440**
MW-13	12/21/2012	MW-13	**5,100**	**2,600**	**8,400**	<100U	**480**
MW-13	3/29/2013	MW-13	**4,600**	**2,500**	**9,600**	<100U	**500**
MW-13	6/28/2013	MW-13	**4,100**	**2,300**	**11,000**	<100U	**220**
MW-13	9/27/2013	MW-13	**4,000**	**2,100**	**11,000**	<200U	**450**
MW-13	12/19/2013	MW-13	**2,100**	**1,100**	**16,000**	<200U	**370**
MW-13	3/27/2014	MW-13	**250**	**160J**	**35,000**	<200U	**1,100**
MW-13	6/19/2014	MW-13	<800U	<800U	**37,000**	<800U	<800U
MW-13	9/30/2014	MW-13	<830U	<830U	**12,000**	<830U	**1,500**
MW-13	12/30/2014	MW-13	<180U	<230U	**24,000**	<450U	**6,300**
MW-13	3/31/2015	MW-13	<200U	<200U	**8,200**	<200U	**3,100**
MW-13	6/25/2015	MW-13	<200U	<200U	**9,500**	<200U	**3,400**
MW-13	9/29/2015	MW-13	<200U	<200U	**7,300**	<200U	**3,700**
MW-13	12/29/2015	MW-13	<200U	<200U	**5,200**	<200U	**3,600**
MW-13	3/31/2016	MW-13	<200U	<200U	**4,700**	<200U	**5,300**
MW-13	7/7/2016	MW-13	<18U	<23U	**1,500**	<45U	**3,200**
MW-13	9/23/2016	MW-13	<18U	<23U	**330**	<45U	**1,200**
MW-13	12/20/2016	MW-13	<72U	<92U	**1,100**	<180U	**5,200**
MW-13	5/31/2017	MW-13	<0.72U	<0.92U	**22**	<1.8U	**200**
MW-13	11/29/2017	MW-13	<0.72U	<0.92U	2.6	<1.8U	**23**
MW-14	6/25/2015	MW-14	<1U	<1U	<1U	<1U	<1U
MW-15	6/25/2015	MW-15	<1U	<1U	<1U	<1U	<1U
MW-16	6/25/2015	MW-16	<1U	<1U	**5.5**	<1U	<1U
MW-16	7/7/2016	MW-16	<0.36U	<0.46U	1	<0.9U	<0.9U

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Bold and highlighted result indicates an exceedance of applicable standard

Table 2
Summary of Groundwater Sample Laboratory Analytical Results

			EPA 8260B				
			Tetrachloroethene	TCE	cis-1,2-dichloroethene	trans-1,2-dichloroethene	Vinyl chloride
			µg/L	µg/L	µg/L	µg/L	µg/L
Regulatory Standard			**5**	**5**	**5**	**5**	**2**
Sample ID	**Date Sampled**	**Well ID**					
MW-17	2/1/2010	MW-17	**14,000**	**2,000**	**750**	<76U	<99U
MW-17	2/11/2011	MW-17	**8,800**	**1,400**	**1,000**	<76U	<99U
MW-17	3/11/2011	MW-17	**6,300**	**1,200**	**780**	<30U	<40U
MW-17	4/11/2011	MW-17	**6,900**	**1,800**	**1,400**	<38U	<50U
MW-17	6/11/2011	MW-17	**7,600**	**1,000**	**940**	<76U	<99U
MW-17	8/11/2011	MW-17	<200U	<160U	**21,000**	<190U	**360J**
MW-17	9/11/2011	MW-17	<81U	<62U	**12,000**	<76U	**1,800**
MW-17	3/30/2012	MW-17	**9.7**	**6.5**	**2,700**	**6.6**	**990**
MW-17	6/28/2012	MW-17	3.6	**7**	**4,300**	<1U	**1,800**
MW-17	9/14/2012	MW-17	<50U	<50U	**3,500**	<50U	**1,200**
MW-17	12/21/2012	MW-17	<50U	<50U	**3,800**	<50U	**2,100**
MW-17	3/29/2013	MW-17	<10U	<10U	**570**	<10U	**410**
MW-17	6/28/2013	MW-17	<10U	<10U	**560**	<10U	**320**
MW-17	9/27/2013	MW-17	<10U	<10U	**360**	<10U	**470**
MW-17	12/19/2013	MW-17	<10U	<10U	**2,400**	**14**	**1,200**
MW-17	3/27/2014	MW-17	<10U	<10U	<10U	<10U	**38**
MW-17	6/19/2014	MW-17	<1U	<1U	4.4	<1U	**32**
MW-17	9/30/2014	MW-17	<4U	<4U	<4U	<4U	**37**
MW-17	12/30/2014	MW-17	<0.36U	<0.46U	1.1	<0.9U	**20**
MW-17	3/31/2015	MW-17	<1U	<1U	<1U	<1U	**16**
MW-17	6/25/2015	MW-17	<1U	<1U	1.1	<1U	**9.5**
MW-17	9/29/2015	MW-17	<1U	<1U	<1U	<1U	**14**
MW-17	12/29/2015	MW-17	<1U	<1U	<1U	<1U	1.6
MW-17	3/31/2016	MW-17	<1U	<1U	<1U	<1U	<1U
MW-17	7/7/2016	MW-17	<0.36U	<0.46U	<0.81U	<0.9U	1.1
MW-17	9/23/2016	MW-17	<0.36U	<0.46U	<0.81U	<0.9U	1.9
MW-17	12/20/2016	MW-17	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U

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			µg/L	µg/L	µg/L	µg/L	µg/L
Regulatory Standard			**5**	**5**	**5**	**5**	**2**
Sample ID	**Date Sampled**	**Well ID**					
MW-18	10/2/2010	MW-18	<0.81U	<0.62U	<0.99U	<0.76U	**2.7J**
MW-18	9/11/2011	MW-18	<0.81U	<0.62U	**13**	<0.76U	**17**
MW-18	3/30/2012	MW-18	<1U	<1U	**29**	<1U	**9.2**
MW-18	12/20/2012	MW-18	<1U	<1U	**5.5**	<1U	<1U
MW-18	6/19/2014	MW-18	<1U	<1U	**230**	<1U	**30**
MW-18	12/29/2014	MW-18	<1.8U	<2.3U	**75**	<4.5U	**9**
MW-18	6/25/2015	MW-18	<5U	<5U	**350**	<5U	**31**
MW-18	12/30/2015	MW-18	<5U	<5U	**160**	<5U	**15**
MW-18	7/7/2016	MW-18	<1.8U	<2.3U	**460**	<4.5U	**58**
MW-18	9/22/2016	MW-18	<1.8U	<2.3U	**65**	<4.5U	<4.5U
MW-18	5/31/2017	MW-18	<1.8U	<2.3U	**610**	<4.5U	**86**
MW-18	11/29/2017	MW-18	<1.8U	<2.3U	**470**	<4.5U	**92**
MW-19	10/2/2010	MW-19	<0.81U	<0.62U	<0.99U	<0.76U	<0.99U
MW-19	9/11/2011	MW-19	<0.81U	<0.62U	<0.99U	<0.76U	<0.99U
MW-19	3/30/2012	MW-19	<1U	<1U	<1U	<1U	<1U
MW-19	12/20/2012	MW-19	<1U	<1U	<1U	<1U	<1U
MW-19	6/19/2014	MW-19	<1U	<1U	<1U	<1U	<1U
MW-19	12/29/2014	MW-19	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-19	6/25/2015	MW-19	<1U	<1U	<1U	<1U	<1U
MW-19	12/30/2015	MW-19	<1U	<1U	<1U	<1U	<1U
MW-19	7/7/2016	MW-19	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-19	9/22/2016	MW-19	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U
MW-19	11/29/2017	MW-19	<0.36U	<0.46U	<0.81U	<0.9U	<0.9U

Regulatory Standard - Class GA Groundwater Quality Standard or Guidance Value from New York State Department of Environmental Conservation (NYSDEC) Division of Water Technical and Operational Guidance Series (June 1998).

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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 Details **Box 1**

Site No. C734118

Site Name 110 Luther Ave. Site

Site Address: 110 Luther Avenue Zip Code: 13088
City/Town: Liverpool
County: Onondaga
Site Acreage: 1.4

Reporting Period: March 17, 2017 to March 17, 2018

	YES	NO
1. Is the information above correct?	☒	☐
If NO, include handwritten above or on a separate sheet.		
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	☒
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
If you answered YES to questions 2 thru 4, include documentation or evidence that documentation has been previously submitted with this certification form.		
5. Is the site currently undergoing development?	☐	☒

Box 2

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

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

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

Signature of Owner, Remedial Party or Designated Representative _____ Date _____

	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. C734118 **Box 3**

Description of Institutional Controls

Parcel	Owner	Institutional Control
085-12-04.1	Syracuse Label Co., Inc.	
		Monitoring Plan
		IC/EC Plan Ground Water Use Restriction Site Management Plan Landuse Restriction O&M Plan

A sub-slab depressurization system (SSDS) was installed in the existing Site building in 2011. The SSDS is a high vacuum system utilizing fourteen (14) suction points positioned at location shown on Figure 9. Photographs of the system installation are included in Appendix B of this SMP. The fourteen (14) suction points are identified herein, and will be referenced in the future, as S-1, S-2, S-3, and S-4 (clockwise around warehouse starting in the southwest corner); S-5, S-6, and S-7 (south to north along office area wall); S-8 and S-9 (northeastern rooms of building), and S-10, S-11, S-12, S-13, and S-14 (southeastern rooms of building).

Each SSDS suction point consists of a 4 inch hole cored through the existing concrete slab. Each suction riser was constructed of 3 inch diameter schedule 40 polyvinyl chloride (PVC) piping. Each suction riser was connected to a single fan on the roof utilizing a trunk line network consisting of 4 inch diameter PVC piping. Each riser pipe is outfitted with a magnehelic pressure gauge, to allow for monitoring of system performance, and an interior baffle that can be adjusted to regulate airflow. All floor, wall, and roof penetrations were sealed with a VOC compliant urethane sealant. Design details are presented in the Operation and Maintenance Plan (Section 4 of this SMP).

Procedures for monitoring the system, including inspections in the event that an identified severe condition occurs, are included in the Monitoring Plan (Section 3 of this SMP). Procedures for operating and maintaining the SSDS are documented in the Operation and Maintenance Plan (Section 4 of this SMP).

A series of Institutional Controls is required by the RAWP to: (1) implement, maintain and monitor Engineering Control systems; (2) prevent future exposure to remaining contamination by controlling disturbances of the subsurface contamination; and, (3) limit the use and development of the Site to Commercial or Industrial uses only. Adherence to these Institutional Controls on the Site is required by the Environmental Easement and will be implemented under this 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 this SMP;
- All Engineering Controls on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP;
- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP; and
- Data and information pertinent to Site Management of the Controlled Property must be reported at the frequency and in a manner defined in this 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 Commercial or Industrial use provided that the long-term Engineering and Institutional Controls included in this SMP are employed;
- The property may not be used for a higher level of use, such as unrestricted, residential, or restricted residential 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 and the Excavation Work Plan (Appendix C);
- 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 onsite, and any potential impacts that are identified must be monitored or mitigated;
- Vegetable gardens and farming 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; and

- The Site owner is required to monitor whether there is a change in ownership of the adjacent property currently owned by The Brannock Device Company, located at 116 Luther Avenue. If a change in ownership occurs the current owner will need to be notified of the environmental conditions of the 110 Luther Avenue Site and afforded the option to evaluate the potential for soil vapor intrusion into the building. Notification must also be made to the NYSDEC if the adjacent property is sold or ownership is transferred.

2.3.1 Excavation Work Plan

The Site has been remediated for commercial use. Any future intrusive work that will encounter or disturb the remaining contamination, including any modifications or repairs to the existing cover system will be performed in compliance with the Excavation Work Plan (EWP) that is attached as Appendix C to this SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) prepared for the Site. A sample HASP and CAMP are attached as Appendix D to this SMP that is in current compliance with DER-10, and 29 CFR 1910, 29 CFR 1926, and all other applicable Federal, State and local regulations. Based on future changes to State and federal health and safety requirements, and specific methods employed by future contractors, the HASP and CAMP will be updated and re-submitted with the notification provided in Section C-1 of the EWP. Any intrusive construction work will be performed in compliance with the EWP, HASP and CAMP, and will be included in the periodic inspection and certification reports submitted under the Site Management Reporting Plan (See Section 5).

The Site owner and associated parties preparing the remedial documents submitted to the State, and parties performing this work, are completely responsible for the safe performance of all intrusive work, the structural integrity of excavations, proper disposal of excavation de-water, control of runoff from open excavations into remaining contamination, and for structures that may be affected by excavations (such as building foundations and bridge footings). The Site owner will ensure that Site development activities will not interfere with, or otherwise impair or compromise, the engineering controls described in this SMP.

2.3.2 Soil Vapor Intrusion Evaluation

Prior to the construction of any enclosed structures at the Site, an SVI evaluation will be performed to determine whether any mitigation measures are necessary to eliminate potential exposure to vapors in the proposed structure. Alternatively, an SVI mitigation system may be installed as an element of the building foundation without first conducting an investigation. This mitigation system will include a vapor barrier and passive sub-slab depressurization system that is capable of being converted to an active system.

Prior to conducting an SVI investigation or installing a mitigation system, a work plan will be developed and submitted to the NYSDEC and NYSDOH for approval. This work plan will be developed in accordance with the most recent NYSDOH "Guidance for Evaluating Vapor Intrusion in the State of New York". Measures to be employed to mitigate potential vapor intrusion will be evaluated, selected, designed, installed, and maintained based on the SVI evaluation, the NYSDOH guidance, and construction details of the proposed structure.

Preliminary (unvalidated) SVI sampling data will be forwarded to the NYSDEC and NYSDOH for initial review and interpretation. Upon validation, the final data will be transmitted to the agencies, along with a recommendation for follow-up action, such as mitigation. If any indoor air test results exceed NYSDOH guidelines, relevant NYSDOH fact sheets will be provided to all tenants and occupants of the property within 15 days of receipt of validated data.

SVI sampling results, evaluations, and follow-up actions will also be summarized in the next Periodic Review Report.

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penetrations were sealed with a VOC compliant urethane sealant. Design details are presented in the Operation and Maintenance Plan (Section 4 of this SMP).

Procedures for monitoring the system, including inspections in the event that an identified severe condition occurs, are included in the Monitoring Plan (Section 3 of this SMP). Procedures for operating and maintaining the SSDS are documented in the Operation and Maintenance Plan (Section 4 of this SMP).

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- 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 this SMP;
- All Engineering Controls on the Controlled Property must be inspected at a frequency and in a manner defined in the SMP;
- Groundwater and other environmental or public health monitoring must be performed as defined in this SMP; and
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- The property may not be used for a higher level of use, such as unrestricted, residential, or restricted residential 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 and the Excavation Work Plan (Appendix C);
- 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 onsite, and any potential impacts that are identified must be monitored or mitigated;
- Vegetable gardens and farming 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; and
- The Site owner is required to monitor whether there is a change in ownership of the adjacent property currently owned by The Brannock Device Company, located at 116 Luther Avenue. If a change in ownership occurs the current owner will need to be notified of the environmental conditions of the 110 Luther Avenue Site and afforded the option to evaluate the potential for soil vapor intrusion into the building. Notification must also be made to the NYSDEC if the adjacent property is sold or ownership is transferred.

2.3.1 Excavation Work Plan

The Site has been remediated for commercial use. Any future intrusive work that will encounter or disturb the remaining contamination, including any modifications or repairs to the existing cover system will be performed in compliance with the Excavation Work Plan (EWP) that is attached as Appendix C to this SMP. Any work conducted pursuant to the EWP must also be conducted in accordance with the procedures defined in a Health and Safety Plan (HASP) and Community Air Monitoring Plan (CAMP) prepared for the Site. A sample HASP and CAMP are attached as Appendix D to this SMP that is in current compliance with DER-10, and 29 CFR 1910, 29 CFR 1926, and all other applicable Federal, State and local regulations. Based on future changes to State and federal health and safety requirements, and

specific methods employed by future contractors, the HASP and CAMP will be updated and re-submitted with the notification provided in Section C-1 of the EWP. Any intrusive construction work will be performed in compliance with the EWP, HASP and CAMP, and will be included in the periodic inspection and certification reports submitted under the Site Management Reporting Plan (See Section 5).

The Site owner and associated parties preparing the remedial documents submitted to the State, and parties performing this work, are completely responsible for the safe performance of all intrusive work, the structural integrity of excavations, proper disposal of excavation de-water, control of runoff from open excavations into remaining contamination, and for structures that may be affected by excavations (such as building foundations and bridge footings). The Site owner will ensure that Site development activities will not interfere with, or otherwise impair or compromise, the engineering controls described in this SMP.

2.3.2 Soil Vapor Intrusion Evaluation

Prior to the construction of any enclosed structures at the Site, an SVI evaluation will be performed to determine whether any mitigation measures are necessary to eliminate potential exposure to vapors in the proposed structure. Alternatively, an SVI mitigation system may be installed as an element of the building foundation without first conducting an investigation. This mitigation system will include a vapor barrier and passive sub-slab depressurization system that is capable of being converted to an active system.

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Preliminary (unvalidated) SVI sampling data will be forwarded to the NYSDEC and NYSDOH for initial review and interpretation. Upon validation, the final data will be transmitted to the agencies, along with a recommendation for follow-up action, such as mitigation. If any indoor air test results exceed NYSDOH guidelines, relevant NYSDOH fact sheets will be provided to all tenants and occupants of the property within 15 days of receipt of validated data.

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085-12-08.0 Syracuse Label Co., Inc.

IC/EC Plan

Landuse Restriction
Monitoring Plan
O&M Plan
Ground Water Use Restriction
Site Management Plan

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Monitoring Plan
Site Management Plan

Landuse Restriction
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Box 4

Description of Engineering Controls

Parcel	Engineering Control
085-12-04.1	Vapor Mitigation Cover System
085-12-05.0	Cover System Vapor Mitigation
085-12-06.1	Vapor Mitigation Cover System
085-12-08.0	Cover System Vapor Mitigation
085-12-09.0	Vapor Mitigation Cover System

Box 5

Periodic Review Report (PRR) Certification Statements

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

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

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

YES	NO
☒	☐

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

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

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

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

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

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

YES	NO
☒	☐

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

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

Signature of Owner, Remedial Party or Designated Representative

Date

IC CERTIFICATIONS
SITE NO. C734118

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 Kathleen Alaimo at 200 Stewart Drive N. Syr. NY 13212
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.

Kathleen Alaimo 4/10/18
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification 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.

I Damian J. Vanetti (print name) at 1 Remington Park Drive, Cazenovia, NY 13035 (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)

4-17-18
Date

Appendix B
Property Ownership Information for Adjoining Property

Property Description Report For: 116 Luther Ave, Municipality of Town of Salina

No Photo Available

		Status:	Active
		Roll Section:	Taxable
		Swis:	314889
		Tax Map ID #:	085.-12-10.0
		Property #:	
		Property Class:	710 - Manufacture
		Site:	COM 1
		In Ag. District:	No
		Site Property Class:	710 - Manufacture
		Zoning Code:	06
		Neighborhood Code:	48070
Total Acreage/Size:	90 x 90	**School District:**	Liverpool
Land Assessment:	2017 - $18,000	**Total Assessment:**	2017 - $116,000
Full Market Value:	2017 - $116,000		
Equalization Rate:	----	**Property Desc:**	Buckley Gardens Lts 434 435 & 436
Deed Book:	4013	**Deed Page:**	42
Grid East:	610957	**Grid North:**	1125118

Owners

Leonardi Salvatore A Jr
116 Luther Ave
Liverpool NY 13088-6726

Sales

Sale Date	Price	Property Class	Sale Type	Prior Owner	Value Usable	Arms Length	Addl. Parcels	Deed Book and Page
7/12/1995	$125,000	710 - Manufacture	Land & Building	Masterpol Nicholas J	Yes	Yes	No	4013/42
1/4/1995	$75,000	710 - Manufacture	Land & Building	Krull Duane	Yes	Yes	No	3977/76

Utilities

Sewer Type:	Comm/public	**Water Supply:**	Comm/public
Utilities:	Gas & elec		

Inventory

Overall Eff Year Built:	0	**Overall Condition:**	Normal

Overall Grade: Economy **Overall Desirability:** 3

Buildings

AC%	Sprinkler%	Alarm%	Elevators	Basement Type	Year Built	Condition	Quality	Gross Floor Area (sqft)	Stories
67	0	0	0		1960	Normal	Average	4113	1

Improvements

Structure	Size	Grade	Condition	Year
Canpy-w/slab	24.00 sq ft	Economy	Fair	1960
Pavng-asphlt	3900 × 4	Average	Fair	1970

Special Districts for 2017

Description	Units	Percent	Type	Value
CDR50-Beartrap l c drg co	0	0%		0
CSW15-Onon co san un	1	0%		0
CWR40-County water	0	0%		0
EM003-Salina ambulance	0	0%		0
FP014-Liverpool fire prot	0	0%		0
SW387-Bkly rd 7no sew e2c1	2	0%		0
SX208-Buckley 7th n sew om	1	0%		0
SX243-Cons Sewer 3 Galevll	1	0%		0
WT044-Salina cons wat sup	1	0%		0

Exemptions

Year	Description	Amount	Exempt %	Start Yr	End Yr	V Flag	H Code	Own %

Taxes

Year	Description	Amount

*** Taxes reflect exemptions, but may not include recent changes in assessment.**

Appendix C
Sub-Slab Depressurization System Inspection Checklists / Annual Inspection Form

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 3-20-17

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.4
S-2	2.9
S-3	5.8
S-4	5.1
S-5	3.6
S-6	3.2
S-7	2.2
S-8	4.6
S-9	2.0
S-10	3.8
S-11	3.6
S-12	4.0
S-13	3.7
S-14	3.5

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. Rapair needs? Y ___ N X

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? 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)

None at this time

Additional Comments:

Checked both Condensation traps ½ cup Water in digital room

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

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Insepctors Name: Kevin Gagnon

Company: SYRLSP

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S-5	3.8
S-6	3.3
S-7	2.2
S-8	4.9
S-9	2.6
S-10	3.5
S-11	3.5
S-12	4.0
S-13	3.6
S-14	3.4

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

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

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? 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)

None at this time

Additional Comments:

Condensation trap - (Digital) 1/4c water. KG

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 5-23-17

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.2
S-2	2.9
S-3	5.6
S-4	5.0
S-5	3.4
S-6	3.2
S-7	2.2
S-8	4.6
S-9	1.9
S-10	3.3
S-11	3.1
S-12	4.5
S-13	3.4
S-14	3.1

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. Rapair needs? Y ___ N X

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? 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)

None at this time

Additional Comments:

Emptied 1/4 c water from Condensation trap / other 1 dry

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 1/28/17

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.2
S-2	2.8
S-3	5.7
S-4	5.1
S-5	3.5
S-6	3.2
S-7	2.1
S-8	4.6
S-9	2.1
S-10	3.5
S-11	3.4
S-12	3.5
S-13	3.6
S-14	3.4

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. Rapair needs?	Y		N	X

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? 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)

None at this time.

Additional Comments:

Both Condensation traps dry.

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 7/31/17

Insepctors Name: Kevin Gagnon

Company: SyrLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.1
S-2	3.8
S-3	5.15
S-4	5.0
S-5	3.4
S-6	3.2
S-7	2.3
S-8	4.5
S-9	1.9
S-10	3.1
S-11	2.9
S-12	2.9
S-13	3.3
S-14	4.1

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. Rapair needs? Y ___ N X

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? 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)

None at this time

Additional Comments:

Both condensation traps dry. KG

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 8-18-17

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.2
S-2	2.6
S-3	5.5
S-4	4.8
S-5	3.3
S-6	3.0
S-7	2.1
S-8	4.5
S-9	1.6
S-10	2.6
S-11	2.3
S-12	2.4
S-13	2.6
S-14	2.6

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

II. Fan Inspection

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

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? 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)

None at this time

Additional Comments:

Condensation traps dry KG

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 9-18-17

Insepctors Name: PAUL MUMFORD

Company: SYALSP

Inspector Initials:

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.0
S-2	2.5
S-3	5.5
S-4	4.8
S-5	3.2
S-6	3.0
S-7	2.0
S-8	4.0
S-9	1.5
S-10	2.5
S-11	2.2
S-12	2.5
S-13	2.4
S-14	2.3

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

II. Fan Inspection

1. Operational?	Y	✓	N	
2. Fan/Controls Clear of obstructions?	Y	✓	N	
3. Rapair needs?	Y		N	✓

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? 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)

No

Additional Comments:

CONDENSATION TRAPS DRY PM

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 10/31/17

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.8
S-2	3.4
S-3	6.6
S-4	5.9
S-5	4.5
S-6	4.0
S-7	2.7
S-8	6.0
S-9	5.0
S-10	6.0
S-11	6.1
S-12	6.0
S-13	6.0
S-14	6.0

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

II. Fan Inspection

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

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? 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)

None at this time

Additional Comments:

Condensation traps dry

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 11-29-17

Insepctors Name: PAUL MUMFORD

Company: EARLSP

Inspector Initials: PM

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.0
S-2	2.75
S-3	5.5
S-4	5.0
S-5	3.5
S-6	3.0
S-7	2.0
S-8	4.5
S-9	1.5
S-10	2.75
S-11	2.5
S-12	2.5
S-13	3.0
S-14	2.5

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

II. Fan Inspection

1. Operational?	Y	✓	N	
2. Fan/Controls Clear of obstructions?	Y	✓	N	
3. Rapair needs?	Y		N	✓

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? 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)

NONE

Additional Comments:

CONDENSATION TRAP HAD 1/2 CUP WATER.

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 12-20-17

Insepctors Name: PAUL MUNFORD

Company: SYRLSA

Inspector Initials: AM

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.0
S-2	2.75
S-3	5.125
S-4	5.0
S-5	3.25
S-6	3.0
S-7	2.0
S-8	4.125
S-9	1.5
S-10	3.0
S-11	3.0
S-12	2.75
S-13	3.0
S-14	2.75

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

II. Fan Inspection

1. Operational?	Y	✓	N	
2. Fan/Controls Clear of obstructions?	Y	✓	N	
3. Rapair needs?	Y		N	✓

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? 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)

NONE

Additional Comments:

CONDENSATION TRAP HAD 1/8 CUP WATER

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 1/31/18

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials:

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	4.1
S-2	2.8
S-3	5.5
S-4	5.0
S-5	3.4
S-6	3.1
S-7	2.1
S-8	4.3
S-9	1.8
S-10	2.0
S-11	2.8
S-12	3.9
S-13	4.2
S-14	2.8

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 ✓ N ____
3. Rapair needs? Y ____ N X

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? 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)

None at this time

Additional Comments:

1/4 cup water in Condensation trap KG

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 2-27-18

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	4.2
S-2	2.9
S-3	5.7
S-4	5.1
S-5	3.5
S-6	3.2
S-7	2.2
S-8	4.5
S-9	1.9
S-10	3.1
S-11	3.0
S-12	3.0
S-13	3.2
S-14	3.0

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. Rapair needs? Y ____ N X

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? Y X N ____

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)

NONE at this time

Additional Comments:

Condensation traps 1/8 c of water in one digital area KG

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 3-27-18

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.2
S-2	2.9
S-3	5.6
S-4	5.0
S-5	3.4
S-6	3.2
S-7	2.1
S-8	4.4
S-9	1.7
S-10	2.9
S-11	2.8
S-12	2.6
S-13	3.1
S-14	3.3

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. Rapair needs? Y ___ N X

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? 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)

None at this time

Additional Comments:

Condensation trap ½< water, other one dry. (KG)

Report all maintenance/repair needs immediately to building facility manager

APPENDIX H
110 LUTHER AVENUE 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: 110 Luther Avenue, Liverpool NY

Inspection Date: 3/15/18

Inspected By: DJVanetti

		Y or N	Comments or Problem Identified/Action Taken
1.	**Condition of pavement**: Are there areas of pavement where sub-soil is exposed?	N	Portions of site covered w/snow. No reported removal or breach of soil cover. Isolated area on south east corner building is rutted due to snow removal - repair-reseed in spring (photo)
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	
3.	**Sediment/Erosion Control**: Are erosion/storm water control devices in place in accordance with Stormwater Pollution Prevention Plan?	NA	- stormwater features still intact - stormwater drain at corner of Luther and Knapp Ave replaced and new pavement.
4.	**Excavation/Backfill**: Has Excavation been completed in accordance with the site Excavation Work Plan?	NA	- storm drain mid-way building adjacent to Luther Ave appears to be plugged - water ponding at surface (photo)
5.	**Stockpiled Materials**: Are temporary soil stockpiles or construction materials protected from erosion?	NA	
6.	**Dust Control**: Have dust control measures been implemented as needed during the conduct of construction work?	NA	
7.	**CAMP:** Has Community Air Monitoring been conducted in accordance with the CAMP?	NA	
8.	**SSDS:** Has an inspection of the SSDS been completed?	Y	System appears to be operating as intended

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

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 3-15-18

Insepctors Name: DJ Vanett.

Company: DJV

Inspector Initials:

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)	
S-1	3.5	
S-2	3.0	
S-3	6.5	
S-4	5.5	
S-5	4.0	
S-6	3.5	
S-7	2.5	
S-8	5.0	
S-9	4.0	gurgling
S-10	4.25	
S-11	4.0	
S-12	4.0	bouncy
S-13	4.0	bouncing
S-14	4.0	

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

II. Fan Inspection

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

A. Observations/comments:

Clean out - no water present

S-14 clean out - no water present.

Attach photographs as appropriate

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:

None noted

Do any of the pressure gages require repair or replacement? Y ___ N X

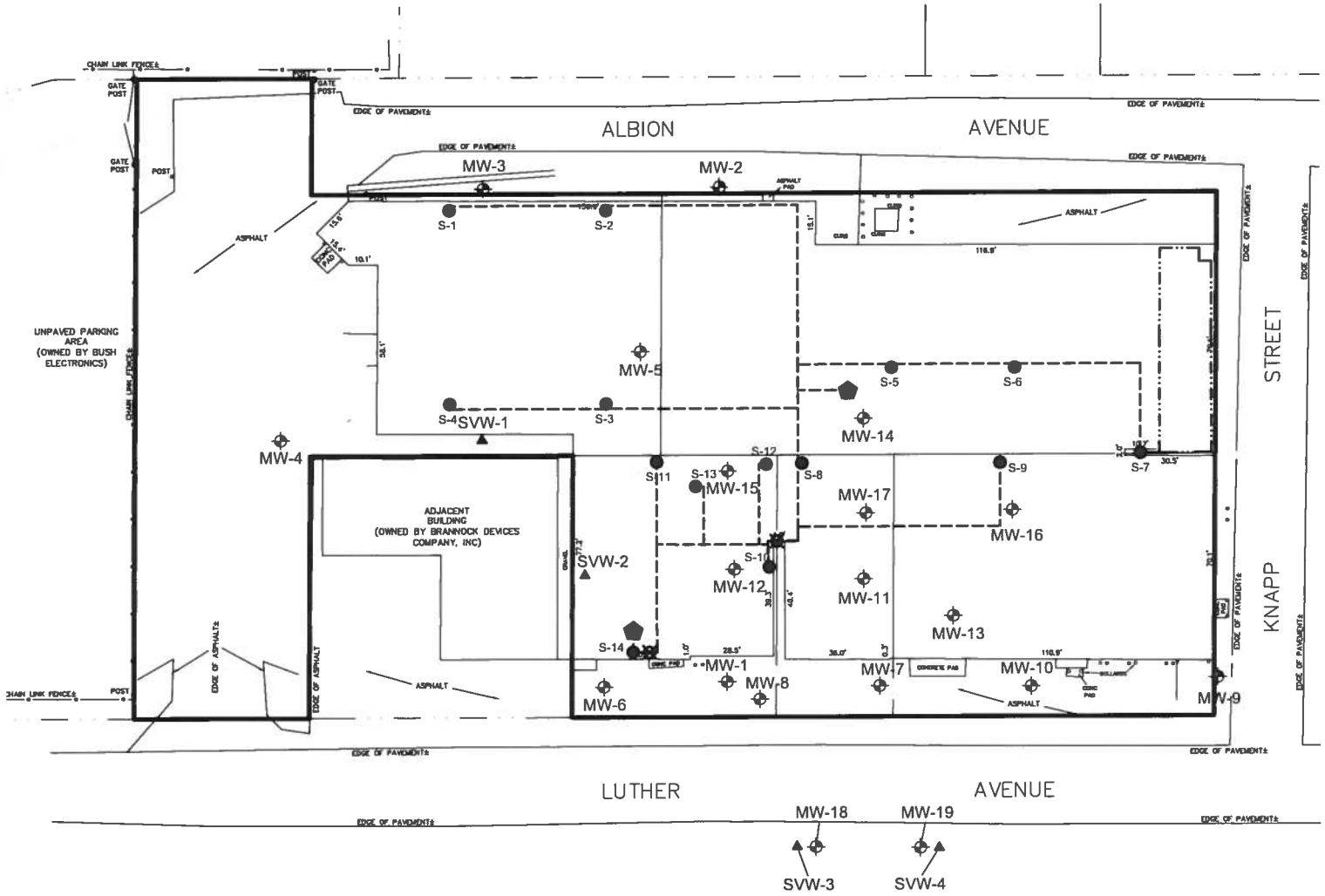
If so, indicate locations, and actions taken:

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

None, Building Vacant, Still Maintaining Heat

Additional Comments:

Report all maintenance/repair needs immediately to building facility manager



LEGEND:

- MW-1 — GROUNDWATER MONITORING WELL LOCATION AND ID
- SVW-1 — SOIL VAPOR MONITORING WELL LOCATION AND ID
- BCP SITE BOUNDARY (APPROXIMATE)
- PROPERTY BOUNDARY (APPROXIMATE)
- SSDS SUCTION POINT RISER LOCATION AND ID (14 LOCATIONS - APPROXIMATE)
- SSDS FAN LOCATION (2 LOCATIONS - APPROXIMATE)
- SSDS CONDENSATE CLEANOUT LOCATION (2 LOCATIONS - APPROXIMATE)
- SSDS SUCTION PIPE RUN (APPROXIMATE)
- SSDS SUB-SLAB PIPING (APPROXIMATE)

NOTE
ALL SSDS LOCATIONS ARE APPROXIMATE BASED ON FIELD OBSERVATIONS AND ARE NOT SURVEYED

0 18 36 54 72'
SCALE 1"=36' AT ORIGINAL SIZE

NOTES:
1. SITE FEATURES BASED ON SITE SURVEY BY IANUZI & ROMANS, P.C. MARCH 2010 AND NOVEMBER 2010.

Syracuse Label Company, Inc.
Periodic Review Report for BCP Site #C734118
March 17, 2015 to March 17, 2016
Sub-Slab Depressurization System Layout

Job Number 86-14941
Revision A
Date 03.11.2016

Figure 4

One Remington Park Drive, Cazenovia NY 13035 USA T 1 315 679 5800 F 1 315 679 5801 E cazmail@ghd.com W www.ghd.com

Plot Date 11 March 2016 - 1:21 PM Cad File No G:\86\14941\PRR\PRR - March 17, 2015 to March 17, 2016\Figures\Figure 4.dwg

Photo 1 - View of isolated soil cover system damage near southwestern corner of building.

Photo 2 - View of apparently replaced catch basin near corner of Luther Avenue and Knapp Street (adjacent to, but off, the BCP Site).

Site Photographs

Photo 3 - View of ponded water at catch basin along Luther Avenue.

Photo 4 - View of northwestern portion of Site looking north.

Photo 5 - View of northwestern portion of Site looking west.

Photo 6 - View of southwestern portion of Site looking northwest.

Photo 7 - View of eastern portion of Site along Luther Avenue looking south.

Photo 8 - View of northeastern portion of Site along Knapp Street looking southeast.

Appendix D
Approval Notifications for EQuIS Database Submittals

Melissa Warshauer

From: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Sent: Friday, June 16, 2017 1:42 PM
To: Ian McNamara
Cc: Mannes, Christopher (DEC)
Subject: RE: EDDs for the 110 Luther Avenue BCP Site #C734118 - 2nd Qtr 2017 GW Monitoring

CompleteRepository: 8614941
Description: Syracuse Label Monitoring 2012
JobNo: 14941
OperatingCentre: 86
RepoEmail: 8614941@ghd.com
RepoType: Job

Ian,

Thank you for your EDD submission. NYSDEC has successfully uploaded the data from the EDD "20170613 1517.C734118.NYSDEC" and "20170613 1511.C734118.NYSDEC" to 110 Luther Ave. Site in the NYSDEC database and the data is available for use within the system.

Aaron
NYSDEC EIMS Team

From: Ian McNamara [mailto:Ian.McNamara@ghd.com]
Sent: Tuesday, June 13, 2017 3:19 PM
To: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Cc: Mannes, Christopher (DEC) <christopher.mannes@dec.ny.gov>
Subject: EDDs for the 110 Luther Avenue BCP Site #C734118 - 2nd Qtr 2017 GW Monitoring

Hi,

Attached are 2 EDDs related to 2nd quarter 2017 groundwater monitoring that was conducted at the above referenced site in May 2017. One contains field results and groundwater elevations from the wells and the other contains laboratory analytical results from the wells. Please let me know if these need any edits to be acceptable.

Thanks,
Ian

Ian McNamara, GIT (PA)
Scientist III

GHD
T: 1 315 679 5732 | M: 1 315 368 8432 | V: 865732 | E: ian.mcnamara@ghd.com
One Remington Park Drive Cazenovia New York 13035 USA | www.ghd.com

WATER | ENERGY & RESOURCES | ENVIRONMENT | PROPERTY & BUILDINGS | TRANSPORTATION

Please consider the environment before printing this email

Melissa Warshauer

From: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Sent: Wednesday, January 31, 2018 10:42 AM
To: Melissa Warshauer
Cc: Mannes, Christopher (DEC)
Subject: RE: EDDs for the 110 Luther Avenue BCP Site #C734118 - 4th Qtr 2017 GW Monitoring

Melissa,

Thank you for your EDD submission. The data from the dataset 20180126 1327.C734118.NYSDEC has been successfully uploaded to 110 Luther Ave. Site in the NYSDEC database. The data is available for use within the system.

Alison
NYSDEC EIMS Team

From: Melissa Warshauer [mailto:Melissa.Warshauer@ghd.com]
Sent: Friday, January 26, 2018 1:32 PM
To: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Cc: Mannes, Christopher (DEC) <christopher.mannes@dec.ny.gov>
Subject: RE: EDDs for the 110 Luther Avenue BCP Site #C734118 - 4th Qtr 2017 GW Monitoring

Hello,

Attached is the revised EDD submittal for the 110 Luther Ave. Site. MW-01, MW-07, and MW-08 are the same as MW-1, MW-7, and MW-8, respectively. I revised this error in the attached EDD. Let me know if you have any issues with this revised version.

Thank you,
Melissa

Melissa L. Warshauer
Engineer

GHD
T: 1 315 679 5775 | V: 865775 | F: 1 315 679 5801 | E: Melissa.Warshauer@ghd.com
One Remington Park Drive Cazenovia NY 13035 USA| www.ghd.com
WATER | ENERGY & RESOURCES | ENVIRONMENT | PROPERTY & BUILDINGS | TRANSPORTATION

From: dec.sm.NYENVDATA [mailto:NYENVDATA@dec.ny.gov]
Sent: Friday, January 26, 2018 10:38 AM
To: Melissa Warshauer <Melissa.Warshauer@ghd.com>

Cc: Mannes, Christopher (DEC) <christopher.mannes@dec.ny.gov>
Subject: RE: EDDs for the 110 Luther Avenue BCP Site #C734118 - 4th Qtr 2017 GW Monitoring

Melissa,

Thank you for your EDD submission. The data from the dataset "20180124 1251.C734118.NYSDEC" has been uploaded to the 110 Luther Ave. Site in the NYSDEC database. The data is available for use within the system.

We attempted to load the data from 20180124 1249.C734118.NYSDEC as well, but it references three locations not present in the 110 Luther Ave. Site in the NYSDEC database: MW-01, MW-07, and MW-08. It would appear you meant to reference the location codes MW-1, MW-7, and MW-8, received and loaded into the 110 Luther Ave. Site in the NYSDEC database back in October of 2011 from another firm. If the referenced locations MW-01, MW-07, and MW-08 are distinct from those locations, the ones you reference in the 20180124 1251.C734118.NYSDEC dataset, please let us know, and submit the MW-01, MW-07, and MW-08 location data in a new Initial group EDD. If, instead, you meant to reference MW-1, MW-7 and MW-8, please submit a revised copy of 20180124 1249.C734118.NYSDEC with corrected location references.

Aaron and the
NYSDEC EIMS Team

NEW YORK STATE OF OPPORTUNITY | Department of Environmental Conservation

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From: Melissa Warshauer [mailto:Melissa.Warshauer@ghd.com]
Sent: Wednesday, January 24, 2018 12:55 PM
To: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Cc: Mannes, Christopher (DEC) <christopher.mannes@dec.ny.gov>
Subject: EDDs for the 110 Luther Avenue BCP Site #C734118 - 4th Qtr 2017 GW Monitoring

Hi,

Attached are 2 EDDs related to 4th quarter 2017 groundwater monitoring that was conducted at the above referenced site in November 2017. One contains field results and groundwater elevations from the wells and the other contains laboratory analytical results from the wells. Please let me know if these need any edits to be acceptable.

Thanks,
Melissa

Melissa L. Warshauer
Engineer

GHD
T: 1 315 679 5775 | V: 865775 | F: 1 315 679 5801 | E: Melissa.Warshauer@ghd.com
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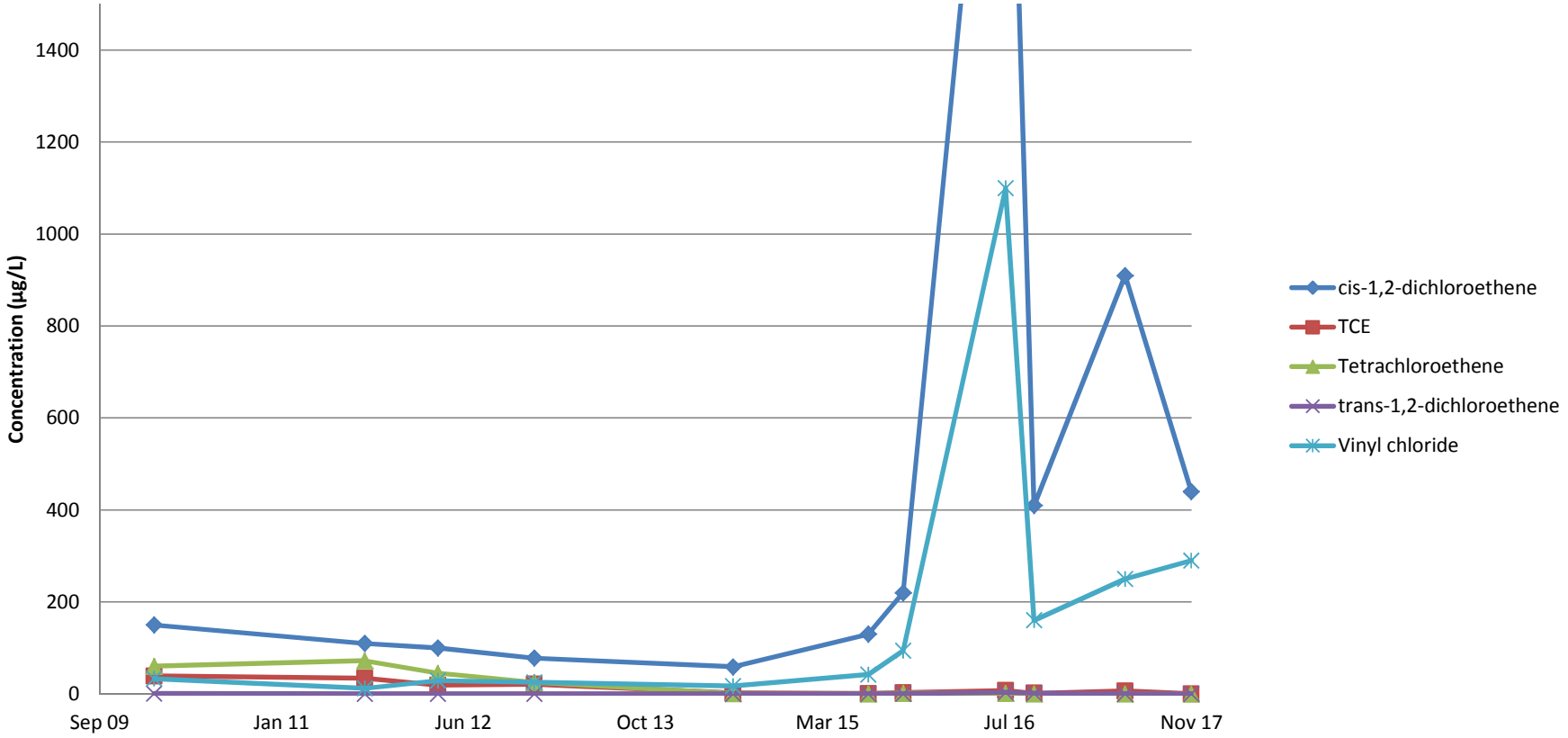
Appendix E
Time Series Plots

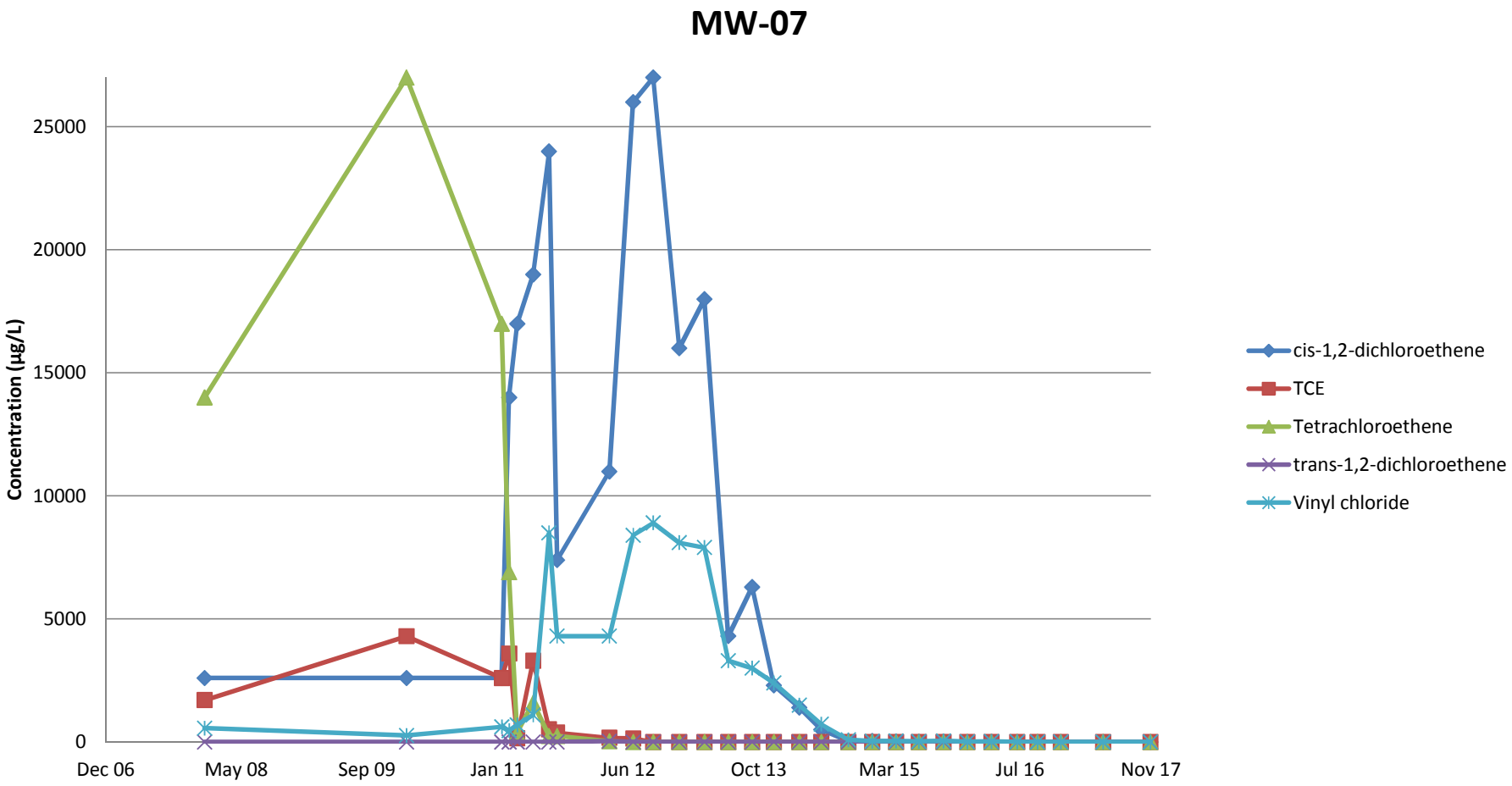
MW-01



Appendix E - Time Series Plots

110 Luther Avenue, Where(ChemName In('Tetrachloroethene' , 'cis-1,2-dichloroethene' , 'trans-1,2-dichloroethene' , 'Vinyl chloride' , 'TCE') AND WellCode Is Null)

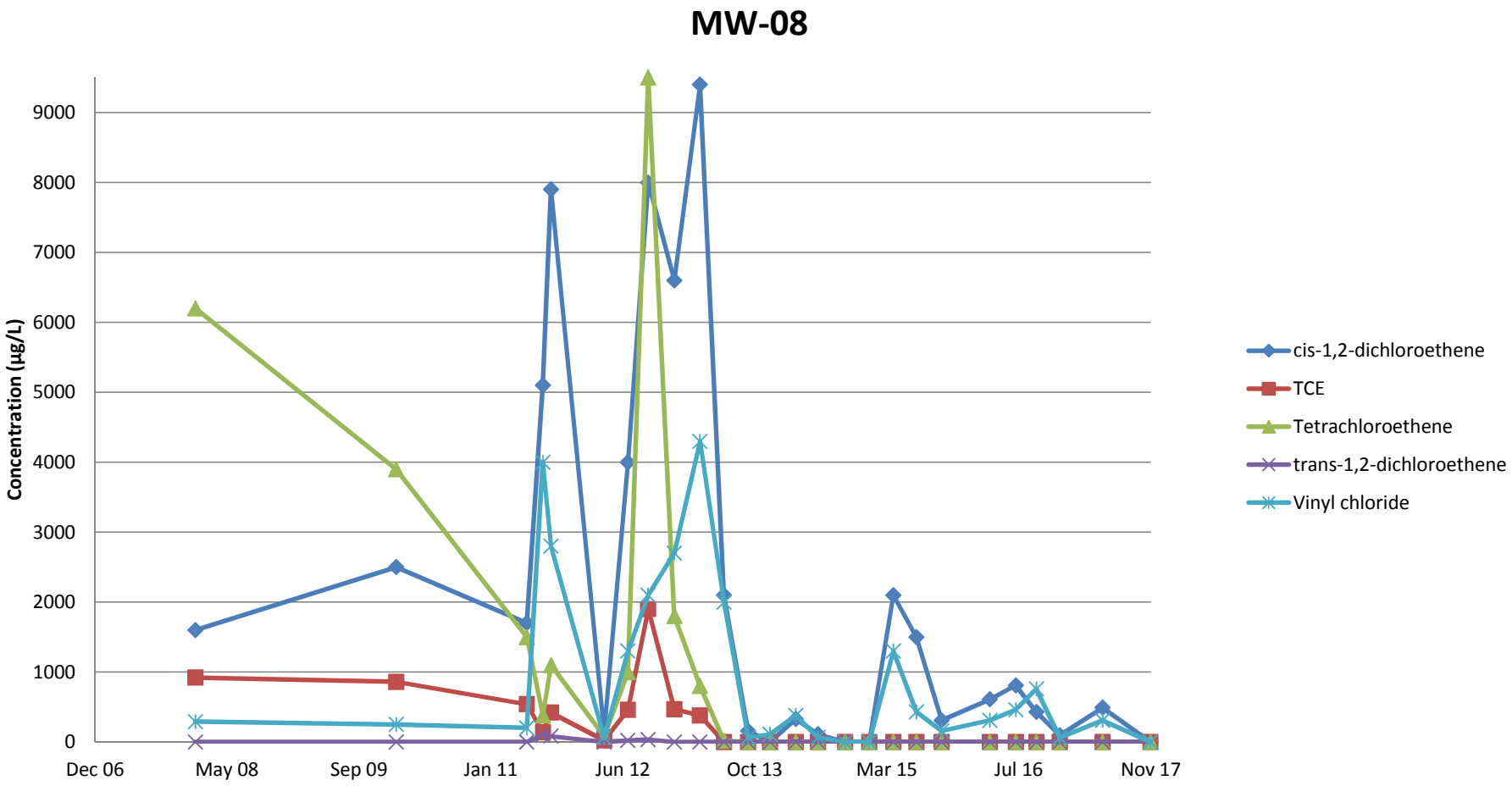
Date: Nov 17	**Drawn:** IEM
Scale:	**Chk'd:**
Original:	**Rev:**
File Reference: 86-14941	



Appendix E - Time Series Plots

110 Luther Avenue, Where(ChemName In('Tetrachloroethene' , 'cis-1,2-dichloroethene' , 'trans-1,2-dichloroethene' , 'Vinyl chloride' , 'TCE') AND WellCode Is Null)

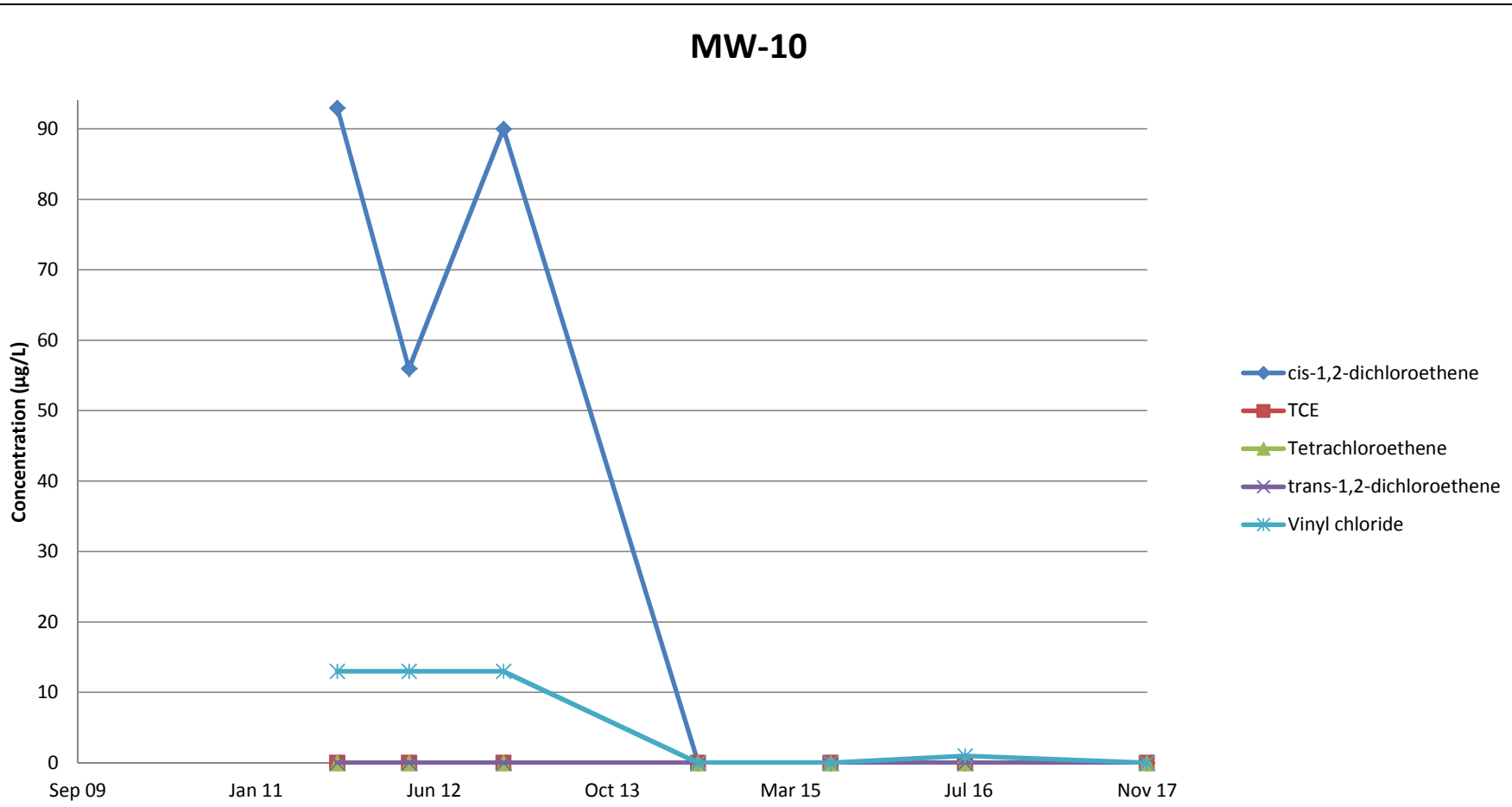
Date: Nov 17	**Drawn:** IEM
Scale:	**Chk'd:**
Original:	**Rev:**
File Reference: 86-14941	



Appendix E - Time Series Plots

110 Luther Avenue, Where(ChemName In('Tetrachloroethene' , 'cis-1,2-dichloroethene' , 'trans-1,2-dichloroethene' , 'Vinyl chloride' , 'TCE') AND WellCode Is Null)

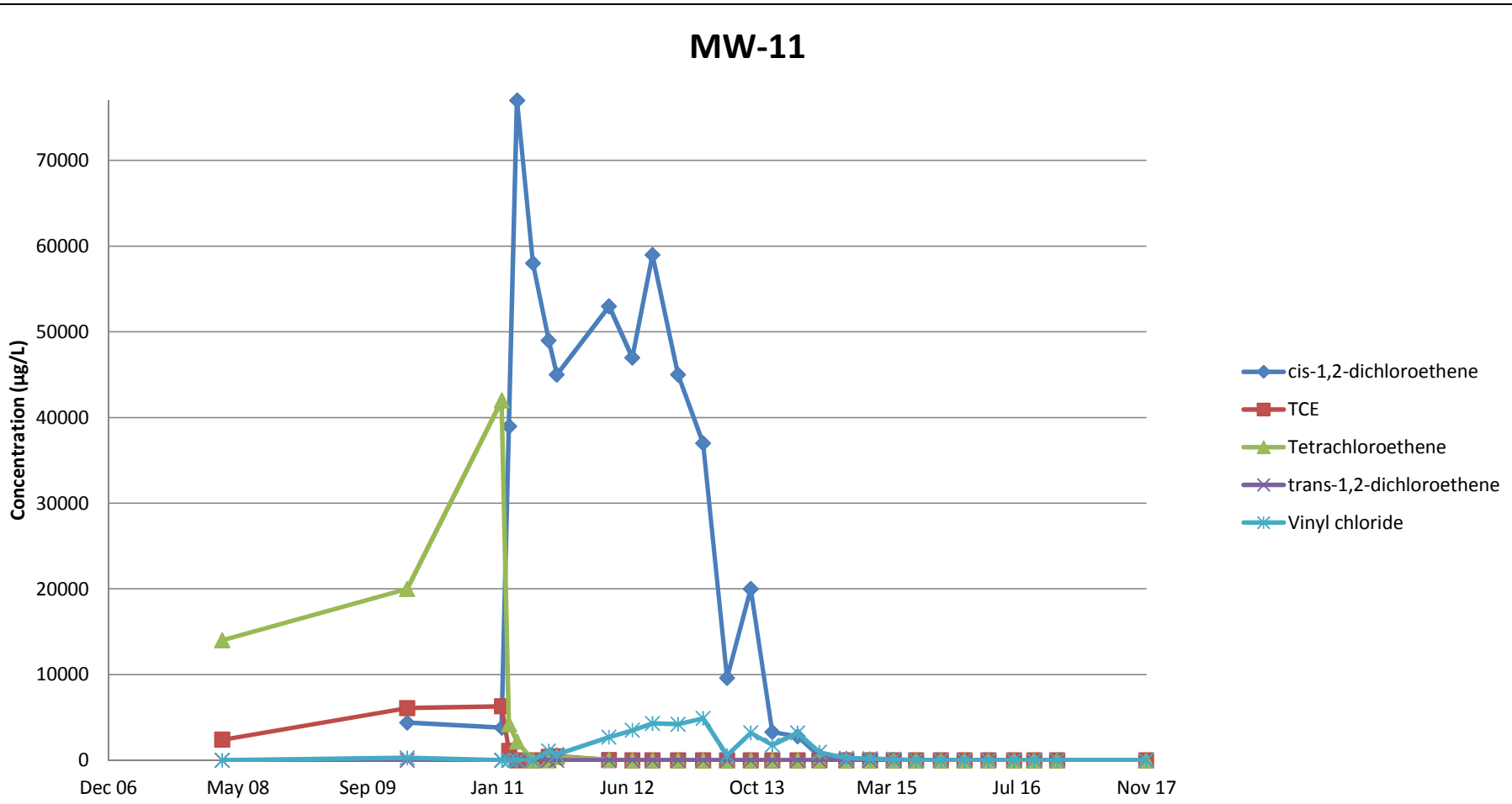
Date: Nov 17	**Drawn:** IEM
Scale:	**Chk'd:**
Original:	**Rev:**
File Reference: 86-14941	



Appendix E - Time Series Plots

110 Luther Avenue, Where(ChemName In('Tetrachloroethene' , 'cis-1,2-dichloroethene' , 'trans-1,2-dichloroethene' , 'Vinyl chloride' , 'TCE') AND WellCode Is Null)

Date: Nov 17	**Drawn:** IEM
Scale:	**Chk'd:**
Original:	**Rev:**
File Reference: 86-14941	

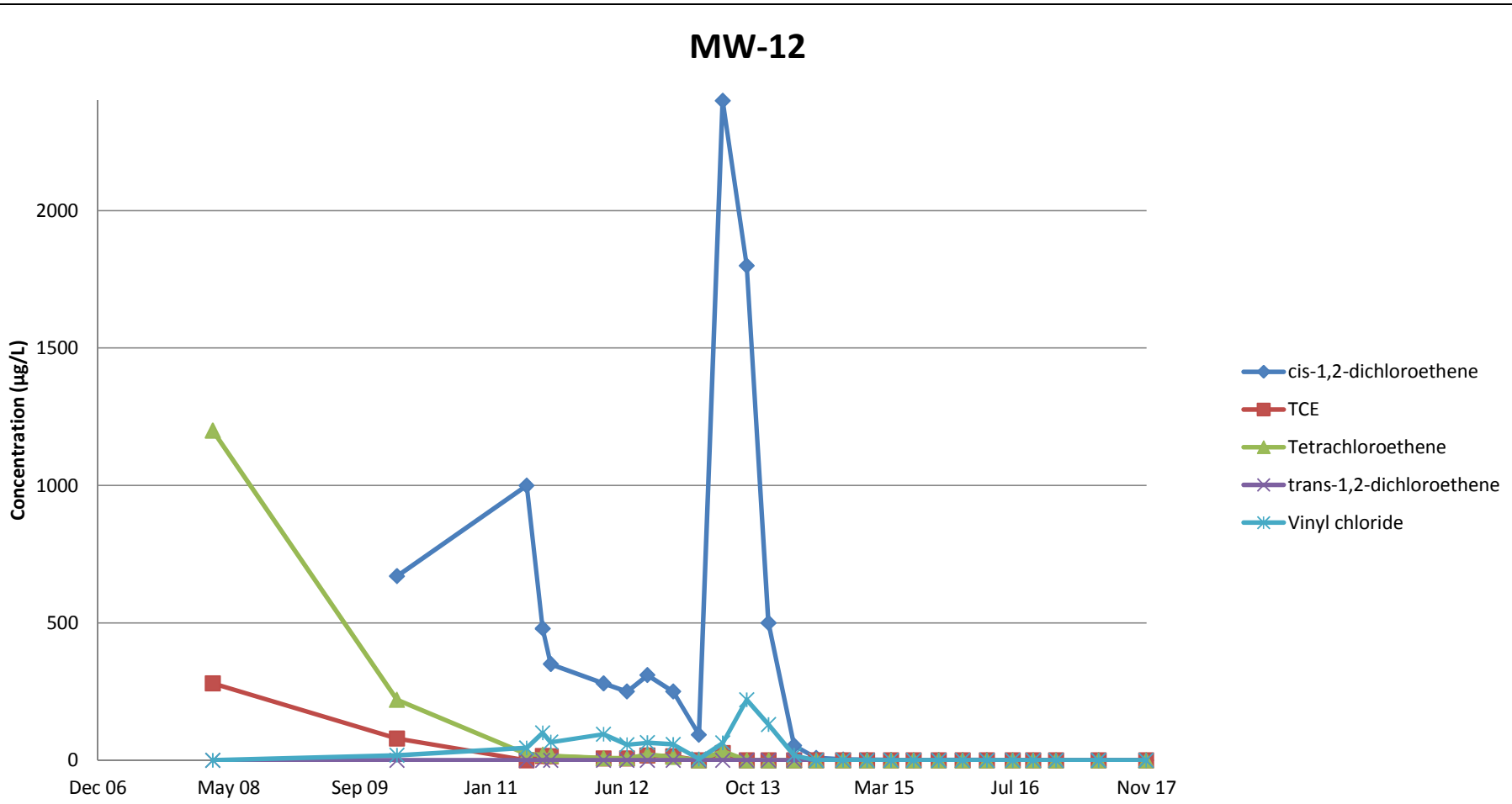


Appendix E - Time Series Plots

110 Luther Avenue, Where(ChemName In('Tetrachloroethene' , 'cis-1,2-dichloroethene' , 'trans-1,2-dichloroethene' , 'Vinyl chloride' , 'TCE') AND WellCode Is Null)

Date: Nov 17	**Drawn:** IEM
Scale:	**Chk'd:**
Original:	**Rev:**
File Reference: 86-14941	

GHD

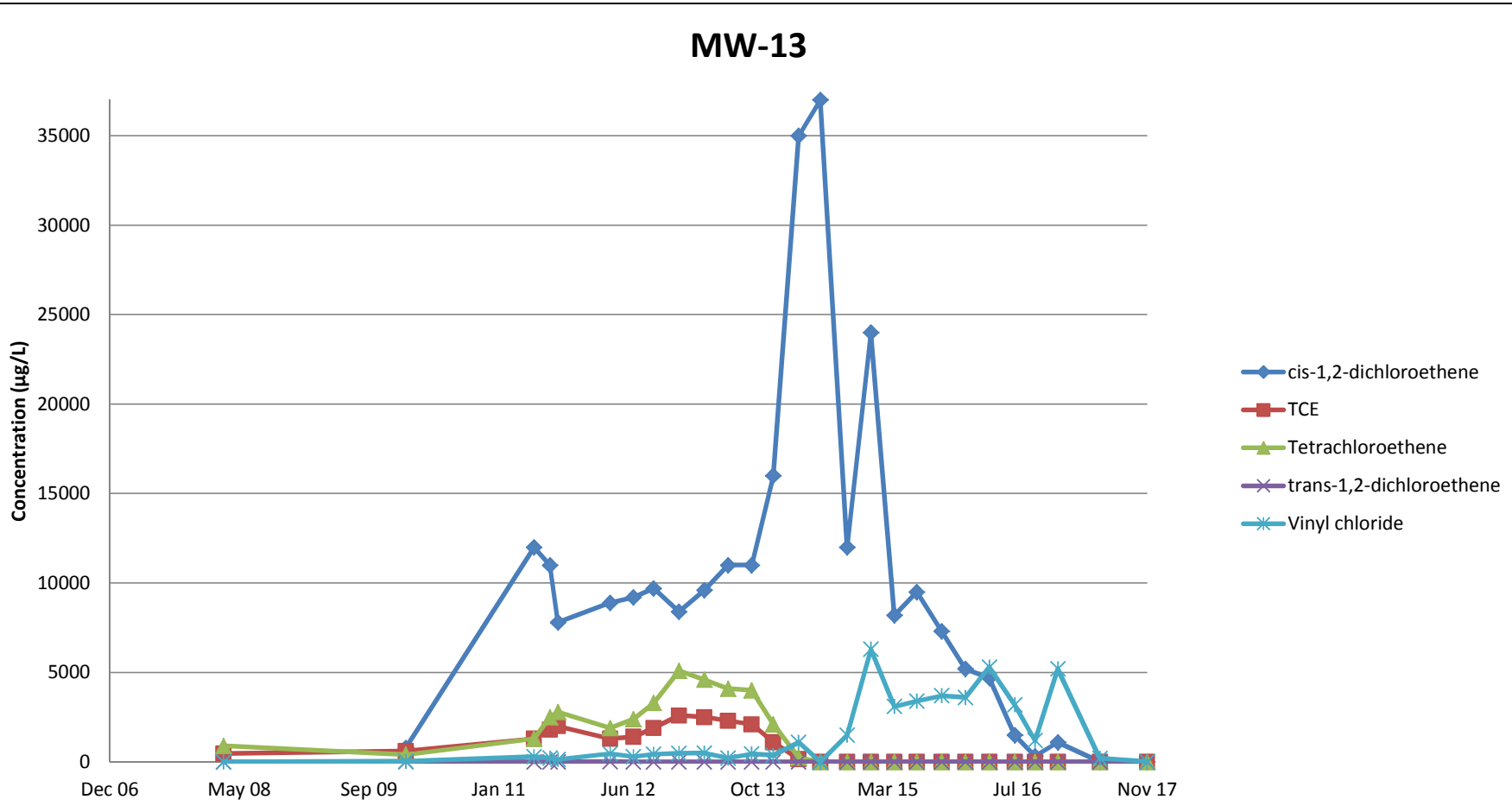


Appendix E - Time Series Plots

110 Luther Avenue, Where(ChemName In('Tetrachloroethene' , 'cis-1,2-dichloroethene' , 'trans-1,2-dichloroethene' , 'Vinyl chloride' , 'TCE') AND WellCode Is Null)

Date: Nov 17	Drawn: IEM
Scale:	Chk'd:
Original:	Rev:
File Reference: 86-14941	

GHD

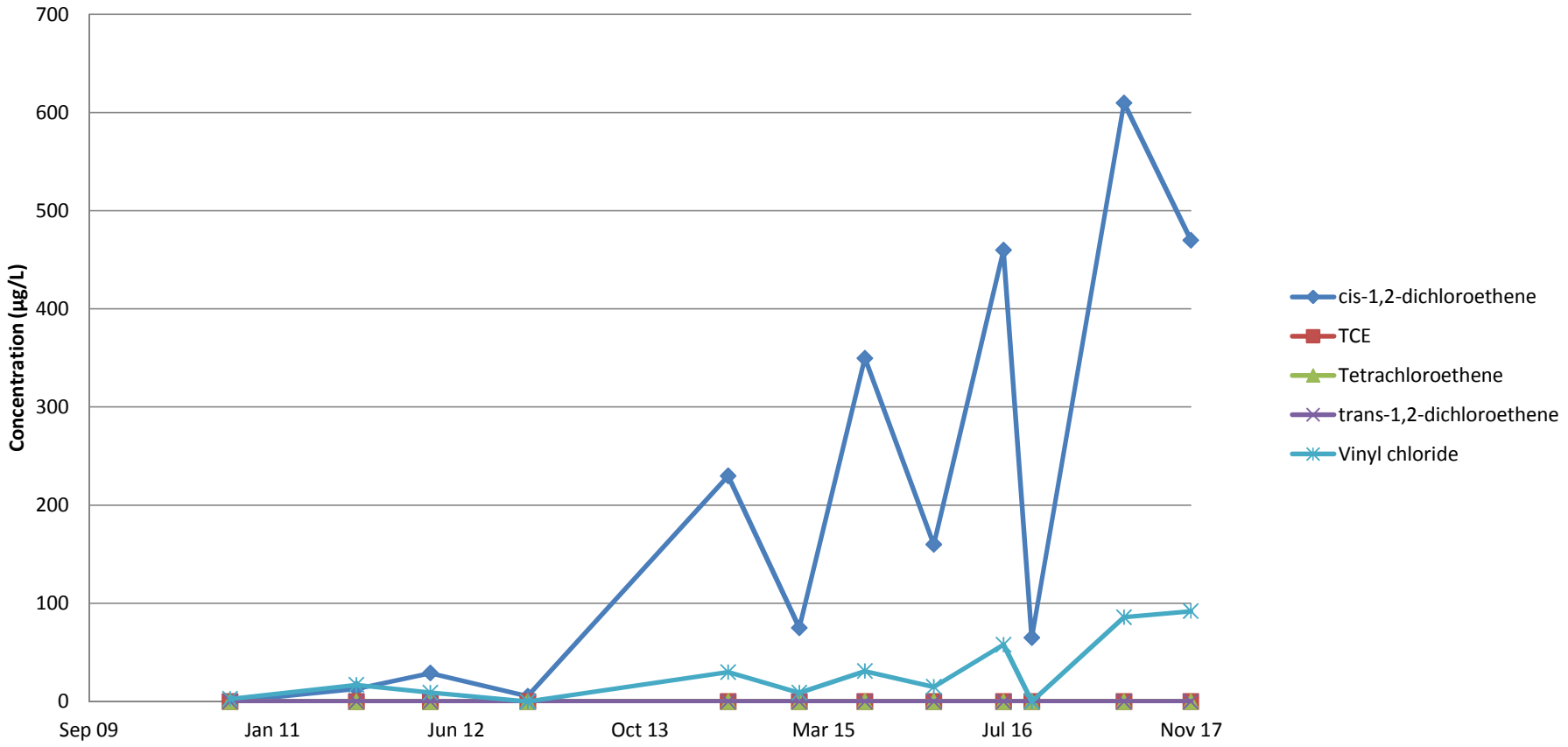


Appendix E - Time Series Plots

110 Luther Avenue, Where(ChemName In('Tetrachloroethene' , 'cis-1,2-dichloroethene' , 'trans-1,2-dichloroethene' , 'Vinyl chloride' , 'TCE') AND WellCode Is Null)

Date: Nov 17	**Drawn:** IEM	
Scale:	**Chk'd:**	
Original:	**Rev:**	
File Reference: 86-14941		

MW-18



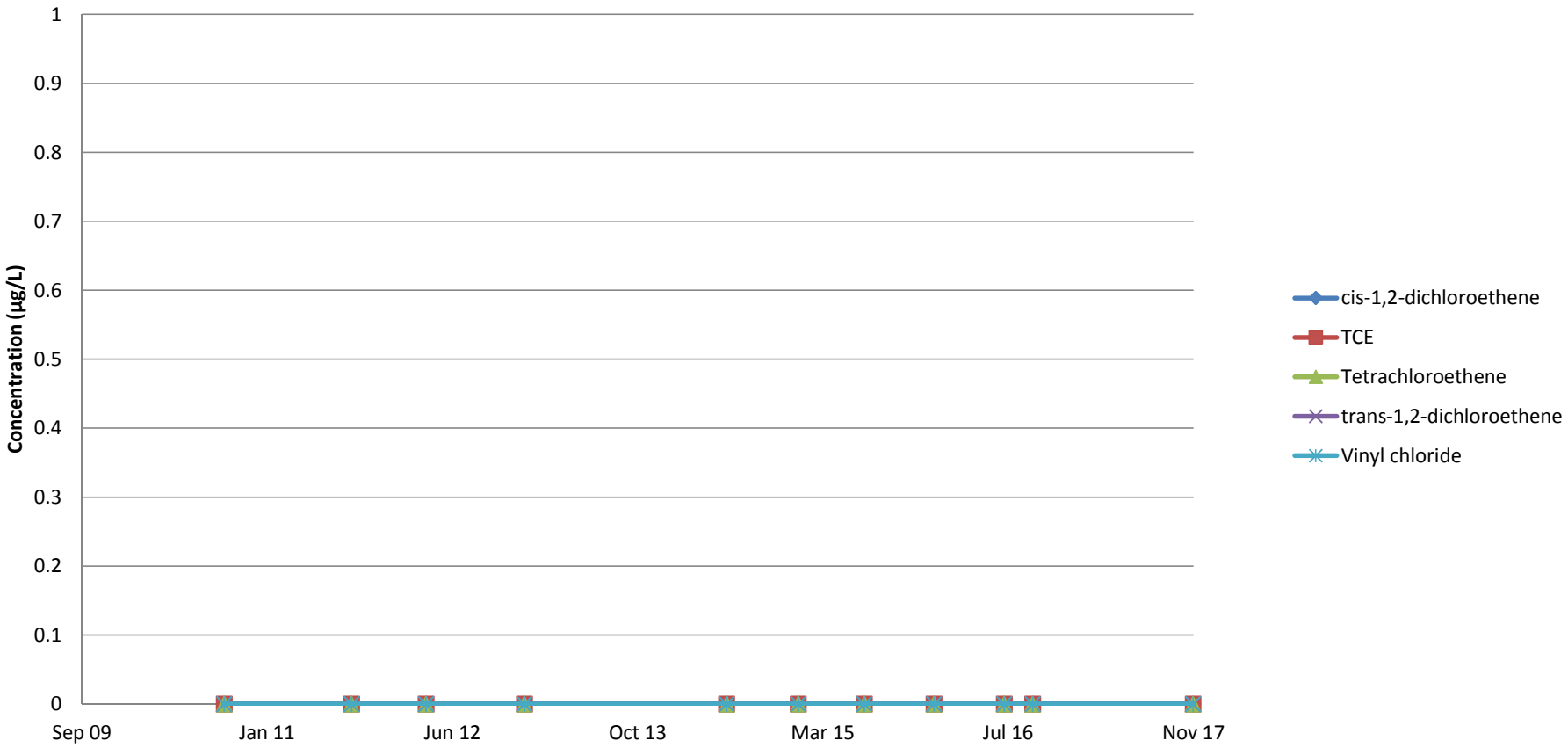
Appendix E - Time Series Plots

110 Luther Avenue, Where(ChemName In('Tetrachloroethene' , 'cis-1,2-dichloroethene' , 'trans-1,2-dichloroethene' , 'Vinyl chloride' , 'TCE') AND WellCode Is Null)

Date: Nov 17	Drawn: IEM
Scale:	Chk'd:
Original:	Rev:
File Reference: 86-14941	

GHD

MW-19



Appendix E - Time Series Plots

110 Luther Avenue, Where(ChemName In('Tetrachloroethene' , 'cis-1,2-dichloroethene' , 'trans-1,2-dichloroethene' , 'Vinyl chloride' , 'TCE') AND WellCode Is Null)

Date: Nov 17	**Drawn:** IEM
Scale:	**Chk'd:**
Original:	**Rev:**
File Reference: 86-14941	

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