Syracuse Label Company, Inc.

110 Luther Avenue BCP Site (BCP Site #C734118)

Periodic Review Report - March 17, 2014 - March 17, 2015

April 13, 2015

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 it's 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). 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 quarterly 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 at the Site. The soil cover engineering controls remain in place. The sub-slab depressurization system (SSDS) engineering control is inspected monthly by Syracuse Label and the system was operating as intended between April 23, 2014 and March 4, 2015. On March 4, 2015 it was noticed that the magnehelic gauges located on suction point risers S-10, -11, -12, -13, and -14 were maxed out and a "gurgling" sound was noted near the floor. It was determined that the groundwater table in this area of the Site had risen (consequently eliminating sub-slab soil vapor) to the point where the SSDS blower fans were drawing water into the suction risers (as evidenced by water collecting in the condensate trap). As a result, the condensate cleanout valve located on riser S-14 was partially opened in order to allow the blower fan to continue to operate without subjecting it to unusual suction loads (i.e. allowed to draw in indoor air) while maintaining some level of vacuum on the system (based on magnehelic gauge readings). The valve on the SSDS was closed and the system was restored to its intended operation on March 24, 2015. At the time of this PRR submittal, the SSDS was functioning as intended.

The identified ICs are in place as required by the SMP and include the designated use of the property for commercial/industrial uses, which remains unchanged from previous use, and the ownership of the adjacent property located at 116 Luther Avenue, which had not changed at the time of the annual Site inspection as evidenced by the Onondaga County Real Property Tax Services website records and visual observations of the adjacent property.

There is no need to revise the SMP or propose a change to the frequency of PRR submittals at this time. Groundwater will continue to be monitored on a quarterly basis in accordance with the SMP. The requirements necessary to discontinue Site maintenance and/or monitoring have not been met at this time.

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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, New York (Figure 1). The purpose of this PRR, and attached documents, is to document that institutional and engineering controls, as described in the New York State Department of Environmental Conservation (NYSDEC)-approved Site Management Plan (SMP) and Environmental Easement, are in place in accordance with 6NYCRR Part 375-3. The following elements are included in this report:

- A complete description of all institutional and/or 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 quarterly groundwater monitoring activities conducted on-Site; and
- Groundwater sampling waste disposal documentation (Appendix E).

1.2 Certification Period

NYSDEC requested that this Periodic Review Report (PRR) cover the period between March 17, 2014 and March 17, 2015. During this period, Syracuse Label performed regular inspections of the engineering controls on-Site, including the sub-slab depressurization system (SSDS) and soil covers. In addition, Syracuse Label retained GHD Consulting Services Inc. (GHD) to complete quarterly groundwater monitoring, to complete an annual inspection of the Site, and to prepare this PRR.

1.3 Scope and Limitations

This report has been prepared by GHD for Syracuse Label Company, Inc. and may only be used and relied on by Syracuse Label Company, Inc. for the purpose agreed between GHD and Syracuse Label Company, Inc. as set out in section 1.1 of this report.

GHD otherwise disclaims responsibility to any person other than Syracuse Label Company, Inc. arising in connection with this report. GHD also excludes implied warranties and conditions, to the extent legally permissible.

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

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

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

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

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

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

Site conditions (including the presence of hazardous substances and/or Site contamination) may change after the date of this Report. GHD does not accept responsibility arising from, or in connection with, any change to the Site conditions. GHD is also not responsible for updating this report if the Site conditions change without further authorization to do so by Syracuse Label Company, Inc.

2. Site Overview

2.1 Background

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 is approximately 1.40-acres of land bounded 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 used for 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 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; and
- 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 remediation 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 11,100 pounds of a granular carbon and zero valent iron powder mixed into a slurry and 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 that a SSDS will be installed 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. 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 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 in-situ chemical reduction (ISCR), which consisted of injection of a total of 25,500 pounds of a granular carbon and zero valent iron powder mixed into a slurry with potable water and a total of 58.5 liters of a concentrated bacterial consortium (Dehalococcoides). The corrective measures were complete 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.
- *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.
- *Periodic Review Report – July 1, 2013 – March 17, 2014,* 110 Luther Avenue BCP Site (BCP Site #C734118), GHD Consulting Services Inc., May 2014.
- *Construction Completion Report,* 110 Luther Avenue BCP Site (Site #C734118), GHD Consulting Services Inc., March 2015.

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. These institutional and engineering controls 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), and include the following:

- An Environmental Easement filed with the Onondaga County Clerk's Office;
- A restriction on the use of groundwater without prior approval by NYSDEC;
- 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; and
- Monitoring for ownership changes of 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 the certification period.

3.1.4 Site Use

The Site use has not changed since the NYSDEC has issued the Certificate of Completion (COC).

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 March 16, 2015, the adjacent property located to the south of Syracuse Label has been owned by Salvatore A. Leonardi, Junior since 1995. Based on field observations, the property has been, and 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), and include the following:

3.2.1 Sub-Slab Depressurization System

A sub-slab depressurization system (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, on March 3, 2014 (which is outside the reporting period of this PRR) it was noticed that the blower fan that is connected to suction point risers 10, 11, 12, 13, and 14 was not operating. Syracuse Label notified the NYSDEC via email of the situation and the intent to replace the fan as soon as practicable. Syracuse Label personnel removed the blower fan and sent it to the manufacturer for evaluation and repairs/replacement. It was determined that the blower fan stopped working due to an issue with the condensate line freezing during an extended period of below normal temperatures. The blower fan was rebuilt and re-installed on April 23, 2014. Observation of the SSDS manometers located on each suction riser on April 23, 2014 indicated that the applied vacuum was similar to the previous readings, indicating the system was operating as intended.

On March 4, 2015 it was discovered that the SSDS magnehelic gauges located at suction point risers S-10, -11, -12, -13, and -14 (Digital Cell room) were maxed out and “gurgling” was noted near floor level. It was determined that the groundwater table in this area of the Site had risen (consequently eliminating sub-slab soil vapor) to the point where the SSDS blower fans were drawing water into the suction risers (as evidenced by water collecting in the condensate trap). As a result, the condensate cleanout valve located on riser S-14 in this area of the building was partially opened in order to allow the blower fan to continue to operate without subjecting it to unusual suction loads (i.e. allowed to draw indoor air) while maintaining some level of vacuum on the system (based on magnehelic gauge readings). The conditions of the SSDS were observed by Syracuse Label personnel on a weekly basis. The valve on the SSDS was closed and the system was restored to its intended functionality on March 24, 2015 (outside of the reporting period for this PRR). A SSDS inspection by Syracuse Label personnel competed on April 3, 2015 (outside of the reporting period for this PRR) indicated that the applied vacuum at each of the risers was similar to the past readings during normal operation of the SSDS. At the time of this PRR submittal, the blower fan continued to operate as intended and the SSDS was functioning as intended.

No other repairs to, or temporary shutdown of, the SSDS were reported during this period. Based on GHD’s annual Site visit, and the subsequent readings of the magnehelic gauges at each of the risers on April 3, 2015 by Syracuse Label personnel, the SSDS was functioning as designed at the time of submittal of this PRR.

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

No maintenance or repair of the soil cover system was conducted during this reporting period other than noted below.

The soil cover system was in place for the duration of this PRR certification period, with the exception of minor repairs to the flush mount curb boxes that protect several of the existing on-Site groundwater monitoring wells. The repairs were completed during the course of one (1) day. The majority of the repairs consisted of non-invasive activities, including re-taping and replacing the bolts on seven (7) well covers and installing a new lid on one (1) well cover. Activities that temporarily penetrated the soil cover system occurred in two (2) discrete areas of the Site and consisted of removing and replacing the flush mount curb boxes for groundwater monitoring wells MW-1 and MW-8. Activities included jack hammering out the existing flush mount curb box and the concrete that it was set in, installing a new flush mount curb box, and replacing the concrete. The soil cover engineering controls were restored to pre-existing conditions the same day and continue to be functioning as intended. No off-Site soils were used for backfill and no Site soils were removed for off-Site disposal during these repair activities.

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

4. Operations and Monitoring

The NYSDEC-approved SMP (SWRNA, August 2011, Revised: November 2011) requires quarterly groundwater monitoring of seven (7) groundwater monitoring wells (MW-2, MW-7, MW-8, MW-11, MW-12, MW-13, and MW-17) and reporting to demonstrate groundwater remedy effectiveness and the overall reduction in contamination on-Site. In addition, annual groundwater monitoring is required for four (4) groundwater monitoring wells (MW-1, MW-10, MW-18, and MW-19) to document Site groundwater quality. During this Periodic Review Report period, an additional round of sampling of the off-Site groundwater monitoring wells MW-18 and MW-19 was completed during the 4th quarter 2014 sampling event (December 29, 2014) to further assess the effectiveness of the corrective measures. Groundwater collected during each of the monitoring events was containerized, staged on-Site, and will be characterized and disposed of off-Site once containers are full. The required groundwater monitoring was completed in accordance with the SMP (Figure 2 and Tables 1 and 2). The laboratory sample results were transmitted to the NYSDEC on:

- April 17, 2014 (1st Quarter 2014 sampling);
- July 23, 2014 (2nd Quarter 2014 sampling);
- October 20, 2014 (3rd Quarter 2014 Sampling); and
- January 27, 2015 (4th Quarter 2014 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).

Groundwater sampling for the 1st quarter of 2015 was completed on March 30 and 31, 2015, in accordance with the SMP. Results for 1st quarter 2015 were not available at the time this PRR was being prepared. The laboratory analytical results from the 1st quarter 2015 sampling event will be submitted to the NYSDEC and included in the next PRR submittal.

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 (December 2014 sampling event) indicate non-detect (ND) concentrations for PCE and TCE (Table 2 and Figure 6) for all groundwater samples except for the groundwater sample taken from MW-1, which had detectable concentrations of PCE and TCE that were below NYS groundwater standards. The majority of the wells also have relatively low, or ND, concentrations of degradation by-products DCE and VC, with the exception of the sample taken from groundwater monitoring well MW-13, which identified elevated concentrations of these degradation byproducts, as shown in the summary tables below.

- **MW-1**:

Target Compounds	Baseline Concentration (February 2010)	Current Concentration (June 2014)
Tetrachloroethene (PCE)	60 micrograms per liter (ug/L)	0.92 ug/L
Trichloroethene (TCE)	39 ug/L	1.9 ug/L
cis-1,2-dichloroethene (cis-DCE)	150 ug/L	59 ug/L
trans-1,2-dichloroethene (trans-DCE)	0.91 ug/L	ND (LRL of 1 ug/L)
Vinyl chloride (VC)	33 ug/L	17 ug/L

- **MW-2**:

Target Compounds	Baseline Concentration (February 2010)	Current Concentration (December 2014)
Tetrachloroethene (PCE)	22 ug/L	ND (LRL of 1 ug/L)
Trichloroethene (TCE)	1.2 ug/L	ND (LRL of 1 ug/L)
cis-1,2-dichloroethene (cis-DCE)	ND	ND (LRL of 1 ug/L)
trans-1,2-dichloroethene (trans-DCE)	ND	ND (LRL of 1 ug/L)
Vinyl chloride (VC)	ND	ND (LRL of 1 ug/L)

- **MW-7**:

Target Compounds	Baseline Concentration (February 2010)	Current Concentration (December 2014)
Tetrachloroethene (PCE)	27,000 ug/L	ND (LRL of 5 ug/L)
Trichloroethene (TCE)	4,300 ug/L	ND (LRL of 5 ug/L)
cis-1,2-dichloroethene (cis-DCE)	2,600 ug/L	39 ug/L
trans-1,2-dichloroethene (trans-DCE)	ND	ND (LRL of 5 ug/L)
Vinyl chloride (VC)	260 ug/L	31 ug/L

- **MW-8**:

Target Compounds	Baseline Concentration (February 2010)	Current Concentration (December 2014)
Tetrachloroethene (PCE)	3,900 ug/L	ND (LRL of 5 ug/L)
Trichloroethene (TCE)	860 ug/L	ND (LRL of 5 ug/L)
cis-1,2-dichloroethene (cis-DCE)	2,500 ug/L	ND (LRL of 5 ug/L)
trans-1,2-dichloroethene (trans-DCE)	ND	ND (LRL of 5 ug/L)
Vinyl chloride (VC)	250 ug/L	ND (LRL of 5 ug/L)

- **MW-10**:

Target Compounds	Baseline Concentration (September 2011)	Current Concentration (June 2014)
Tetrachloroethene (PCE)	ND	ND (LRL of 5 ug/L)
Trichloroethene (TCE)	ND	ND (LRL of 5 ug/L)
cis-1,2-dichloroethene (cis-DCE)	93 ug/L	ND (LRL of 5 ug/L)
trans-1,2-dichloroethene (trans-DCE)	ND	ND (LRL of 5 ug/L)
Vinyl chloride (VC)	13 ug/L	ND (LRL of 5 ug/L)

- **MW-11**:

Target Compounds	Baseline Concentration (February 2011)	Current Concentration (December 2014)
Tetrachloroethene (PCE)	42,000 ug/L	ND (LRL of 1 ug/L)
Trichloroethene (TCE)	6,300 ug/L	ND (LRL of 1 ug/L)
cis-1,2-dichloroethene (cis-DCE)	3,800 ug/L	68 ug/L
trans-1,2-dichloroethene (trans-DCE)	ND	ND (LRL of 1 ug/L)
Vinyl chloride (VC)	ND	190 ug/L

- **MW-12:**

Target Compounds	Baseline Concentration (February 2010)	Current Concentration (December 2014)
Tetrachloroethene (PCE)	220 ug/L	ND (LRL of 1 ug/L)
Trichloroethene (TCE)	79 ug/L	ND (LRL of 1 ug/L)
cis-1,2-dichloroethene (cis-DCE)	670 ug/L	1.7 ug/L
trans-1,2-dichloroethene (trans-DCE)	ND	ND (LRL of 1 ug/L)
Vinyl chloride (VC)	18 ug/L	ND (LRL of 1 ug/L)

- **MW-13:**

Target Compounds	Baseline Concentration (February 2010)	Current Concentration (December 2014)
Tetrachloroethene (PCE)	410 ug/L	ND (LRL of 500 ug/L)
Trichloroethene (TCE)	600 ug/L	ND (LRL of 500 ug/L)
cis-1,2-dichloroethene (cis-DCE)	780 ug/L	24,000 ug/L
trans-1,2-dichloroethene (trans-DCE)	12 ug/L	ND (LRL of 500 ug/L)
Vinyl chloride (VC)	29 ug/L	6,300 ug/L

- **MW-17:**

Target Compounds	Baseline Concentration (February 2010)	Current Concentration (December 2014)
Tetrachloroethene (PCE)	14,000 ug/L	ND (LRL of 1 ug/L)
Trichloroethene (TCE)	2,000 ug/L	ND (LRL of 1 ug/L)
cis-1,2-dichloroethene (cis-DCE)	750 ug/L	1.1 ug/L
trans-1,2-dichloroethene (trans-DCE)	ND	ND (LRL of 1 ug/L)
Vinyl chloride (VC)	ND	20 ug/L

- **MW-18:**

Target Compounds	Baseline Concentration (October 2010)	Current Concentration (December 2014)
Tetrachloroethene (PCE)	ND	ND (LRL of 5 ug/L)
Trichloroethene (TCE)	ND	ND (LRL of 5 ug/L)
cis-1,2-dichloroethene (cis-DCE)	ND	75 ug/L
trans-1,2-dichloroethene (trans-DCE)	ND	ND (LRL of 5 ug/L)
Vinyl chloride (VC)	2.7 ug/L	9 ug/L

- **MW-19**:

Target Compounds	Baseline Concentration (October 2010)	Current Concentration (December 2014)
Tetrachloroethene (PCE)	ND	ND (LRL of 1 ug/L)
Trichloroethene (TCE)	ND	ND (LRL of 1 ug/L)
cis-1,2-dichloroethene (cis-DCE)	ND	ND (LRL of 1 ug/L)
trans-1,2-dichloroethene (trans-DCE)	ND	ND (LRL of 1 ug/L)
Vinyl chloride (VC)	ND	ND (LRL of 1 ug/L)

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 are degrading PCE and TCE into 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 Figure 6). Laboratory analytical results of samples taken from MW-13 indicate that PCE and TCE have decreased to concentrations below laboratory detection limits; however, the concentrations of cis-DCE and VC have increased following injections due to sequential degradation of PCE and TCE. Since this was the most recent (during corrective measures activities) area in which injections occurred, it is anticipated that the concentrations of cis-DCE and VC would currently be elevated. Trends in laboratory analytical results of samples taken from MW-13 will continue to be evaluated to determine if a decreasing trend is identified for cis-DCE and VC.

Based on the groundwater data received to date, the qualitative exposure assessment assumptions regarding 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 continue to be conducted on a quarterly and annual basis, in accordance with the SMP. The effectiveness of the remedy should continue to be evaluated through these groundwater monitoring results. 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 and ECs should be evaluated in accordance with the SMP, at a minimum at the time the next PRR is completed during 2016.

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

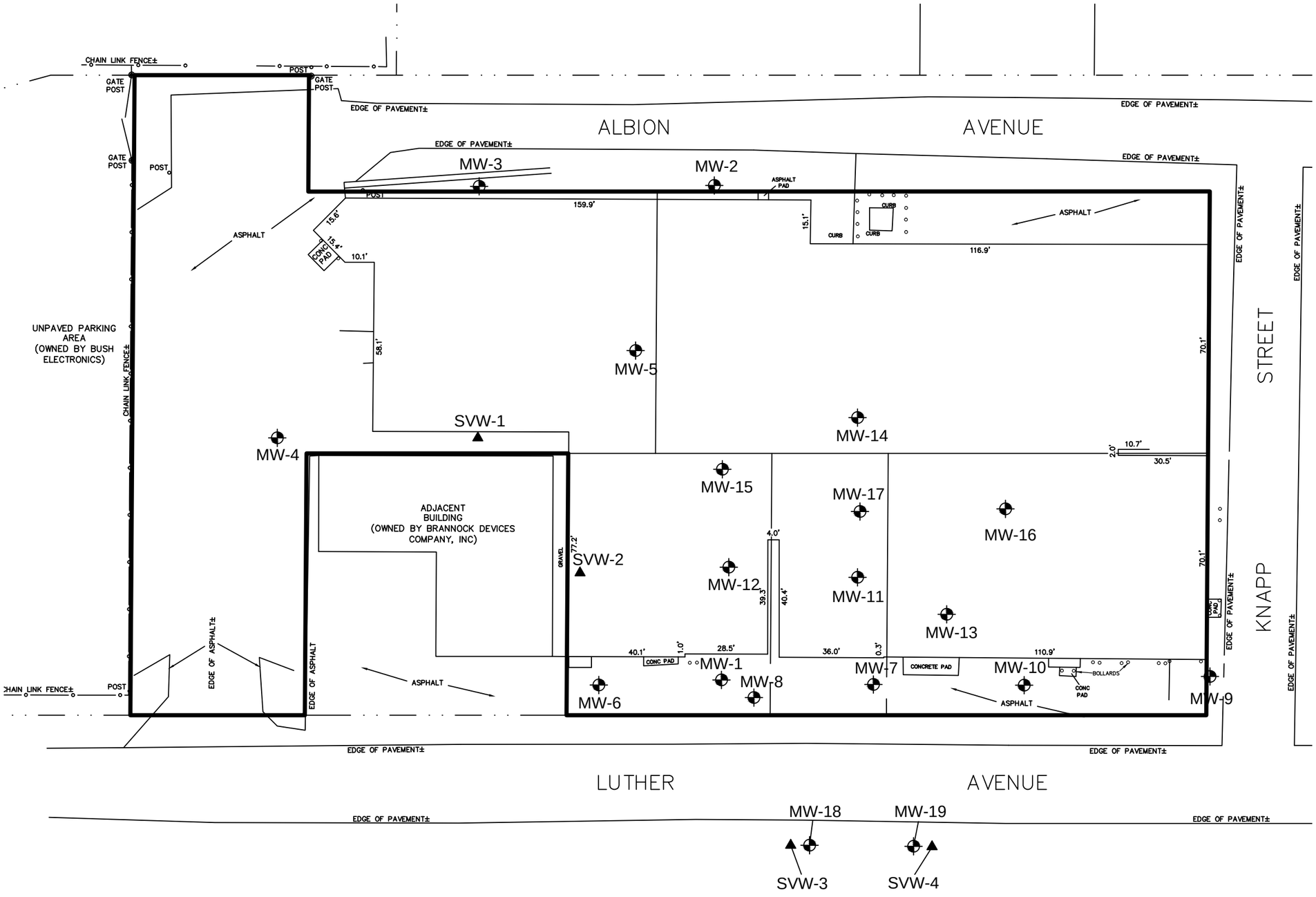
Syracuse Label Company, Inc
Periodic Review Report for BCP Site #C734118
March 17, 2014 to March 17, 2015
Site Location Map

Job Number	86-14941
Revision	A
Date	03.20.2015

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: 20 March 2015 - 2:05 PM Cad File No: G:\86\14941\PRRs\PRR - March 17, 2014 to March 17, 2015\Figures\86-14941.06-L1.cadd.dwg



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)

NOTES:
1. GROUNDWATER MONITORING WELLS SAMPLED FOR IN-SITU CHEMICAL REDUCTION (ISCR) EFFECTIVENESS MONITORING INCLUDE MW-2, MW-7, MW-8, MW-11, MW-12, MW-13, AND MW-17.
2. GROUNDWATER MONITORING WELLS SAMPLED FOR SITE MONITORING INCLUDE MW-1, MW-10, MW-18, 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.

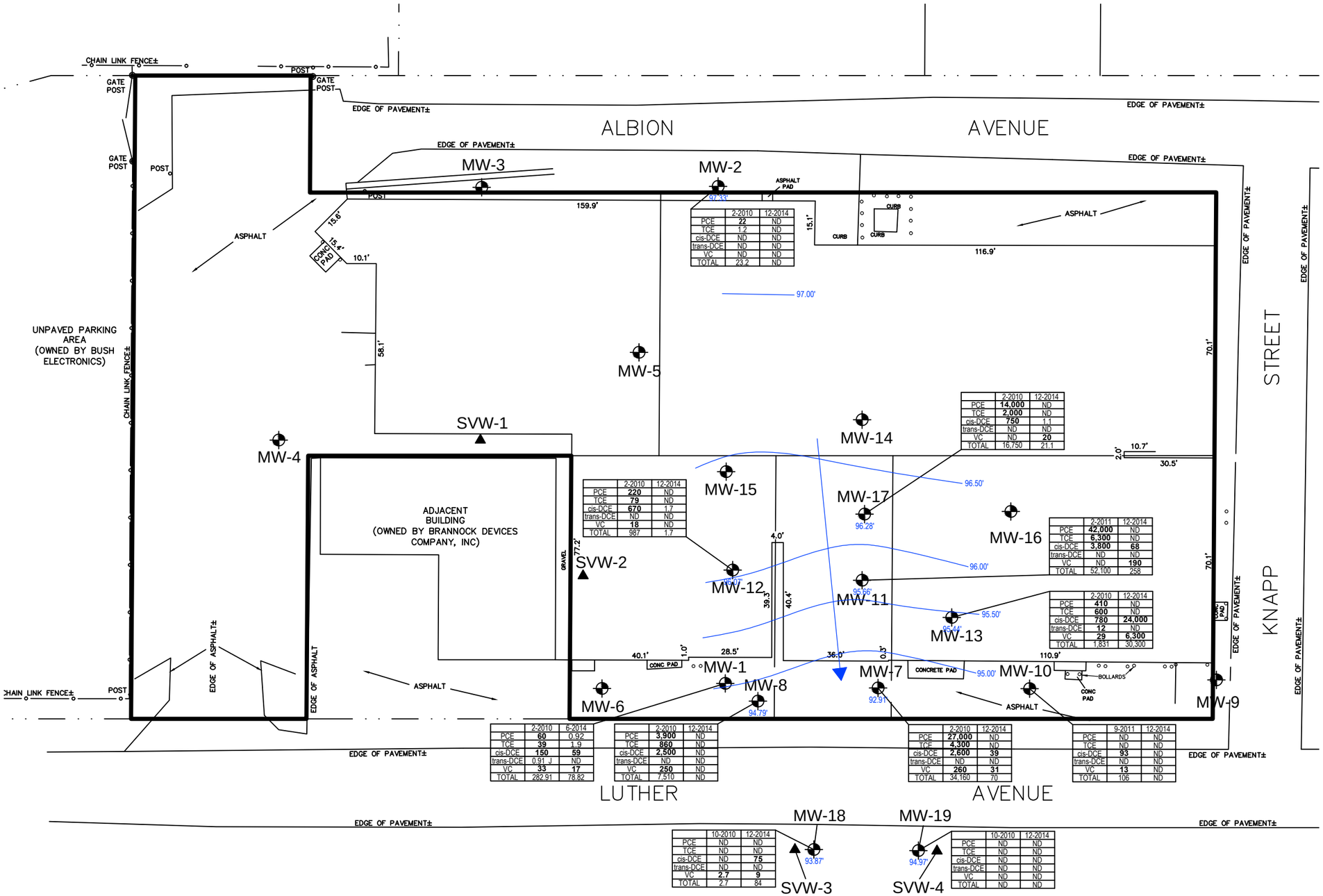
Syracuse Label Company, Inc.
Periodic Review Report for BCP Site #C734118
March 17, 2014 to March 17, 2015
Site Layout

Job Number 86-14941
Revision A
Date 03.20.2015

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

Plot Date: 20 March 2015 - 2:46 PM Cad File No: G:\86\14941\PRRs\PRR - March 17, 2014 to March 17, 2015\Figures\Figure 2.dwg



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 (DECEMBER 29, 2014)
- 95.00' — GROUNDWATER ELEVATION CONTOURS AND FLOW DIRECTION (APPROXIMATE)

	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 2014 event (December 2014) or the 2nd quarter 2014 event (June 2014).
   - 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 MONITORING WELLS SAMPLED FOR IN-SITU CHEMICAL REDUCTION (ISCR) EFFECTIVENESS MONITORING INCLUDE MW-2, MW-7, MW-8, MW-11, MW-12, MW-13, AND MW-17.
4. GROUNDWATER MONITORING WELLS SAMPLED FOR SITE MONITORING INCLUDE MW-1, MW-10, MW-18, AND MW-19.
5. THE GROUNDWATER LEVEL IN MW-7 WAS DEPRESSED WHEN THE J-PLUG WAS REMOVED DUE TO WELL BEING PRESSURIZED. WATER LEVEL REBOUNDED ONCE J-PLUG WAS REMOVED, BUT ELEVATION RECORDED IS ARTIFICIALLY LOW AND WAS NOT INCLUDED IN DETERMINING GROUNDWATER CONTOURS AND FLOW DIRECTION.

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, 2014 to March 17, 2015

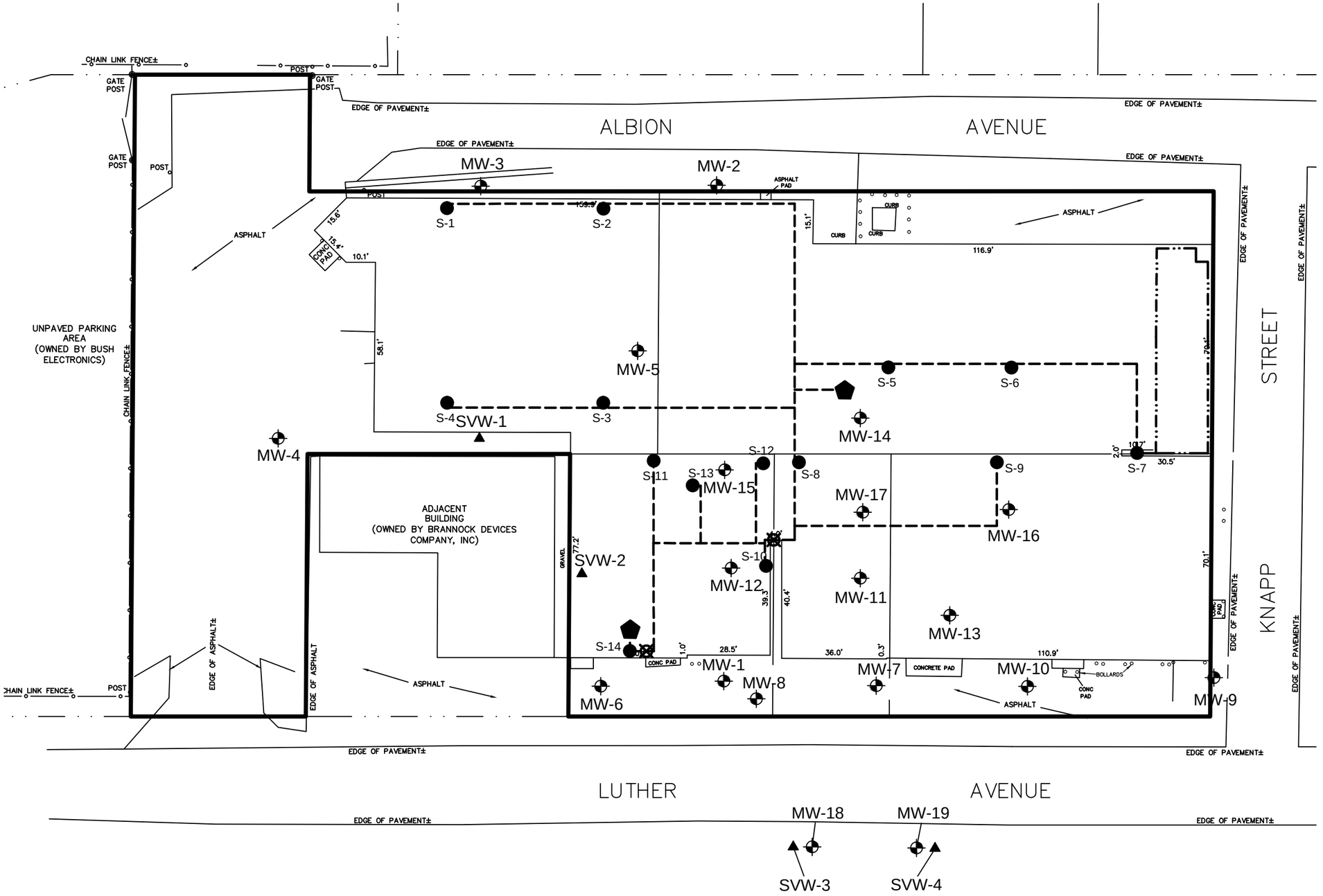
Groundwater Monitoring Results and Flow Direction

Job Number	86-14941
Revision	A
Date	03.20.2015

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: 20 March 2015 - 3:16 PM Cad File No: G:\86\14941\PRRs\PRR - March 17, 2014 to March 17, 2015\Figures\Figure 3.dwg



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)

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, 2014 to March 17, 2015

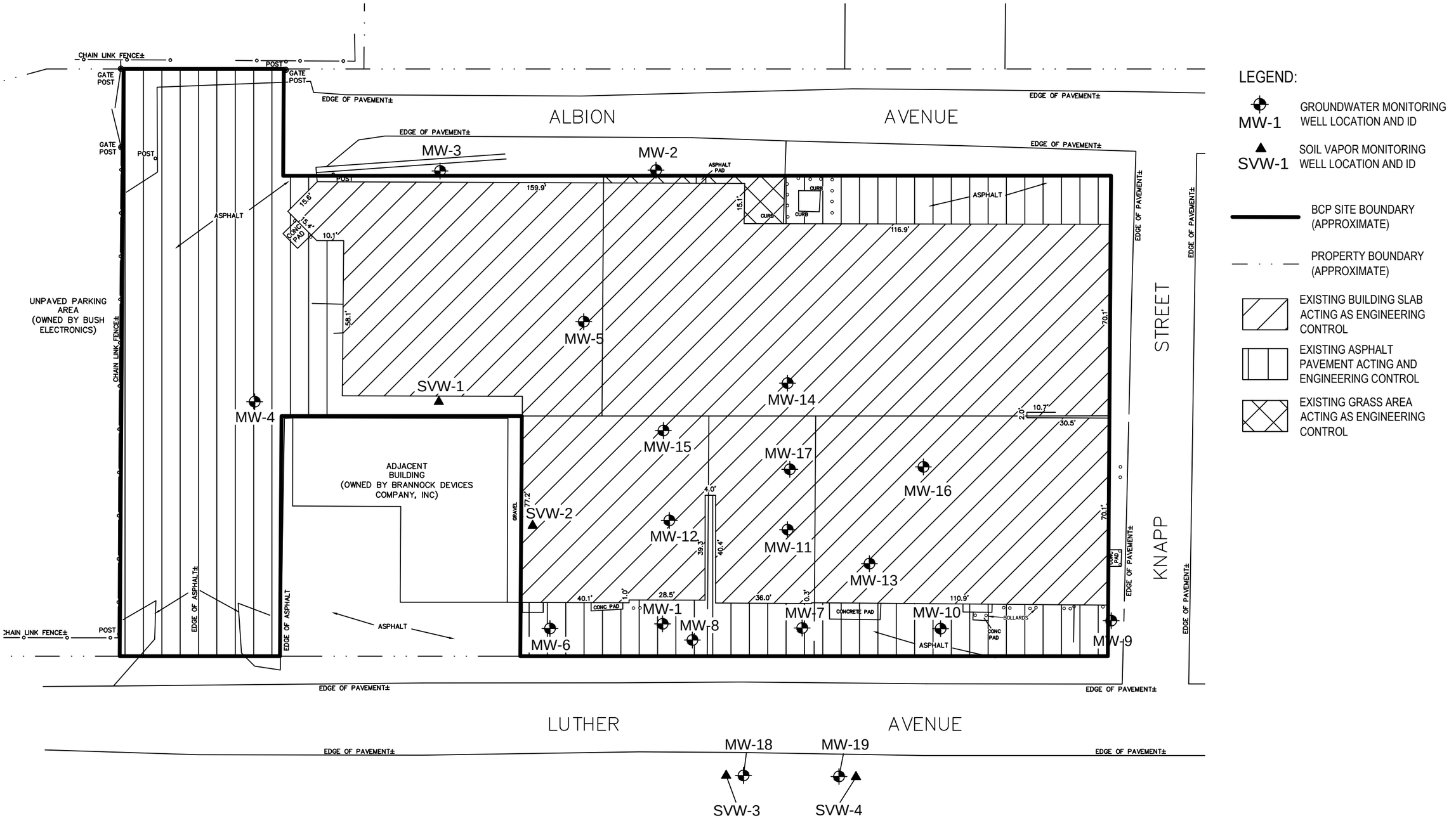
Sub-Slab Depressurization System Layout

Job Number 86-14941
Revision A
Date 03.20.2015

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: 1 April 2015 - 2:39 PM Cad File No: G:\86\14941\PRRs\PRR - March 17, 2014 to March 17, 2015\Figures\Figure 4.dwg



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.

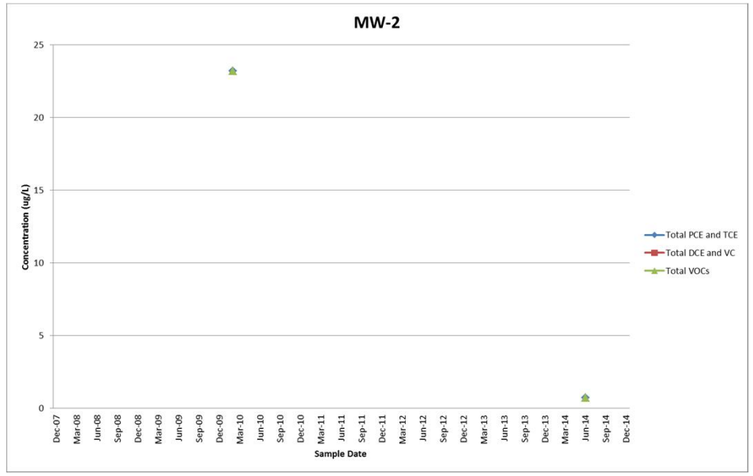
Syracuse Label Company, Inc.
Periodic Review Report for BCP Site #C734118
March 17, 2014 to March 17, 2015
Soil Cover Engineering Controls

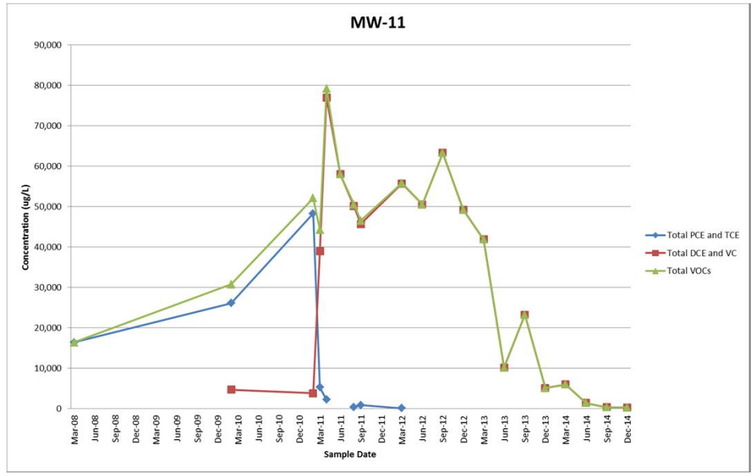
Job Number 86-14941
Revision A
Date 03.20.2015

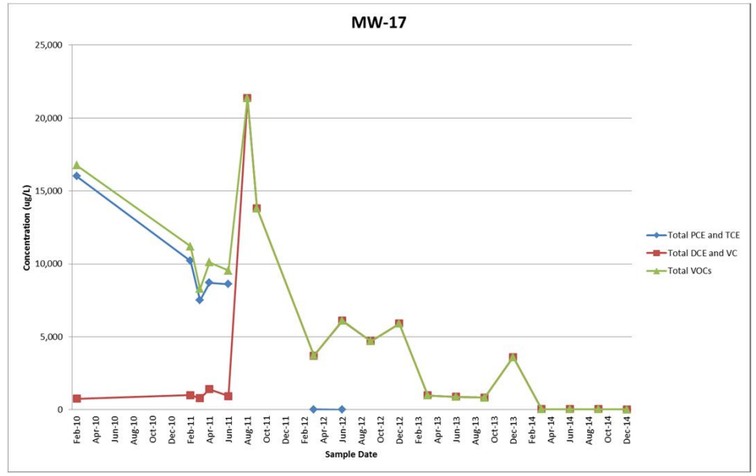
Figure 5

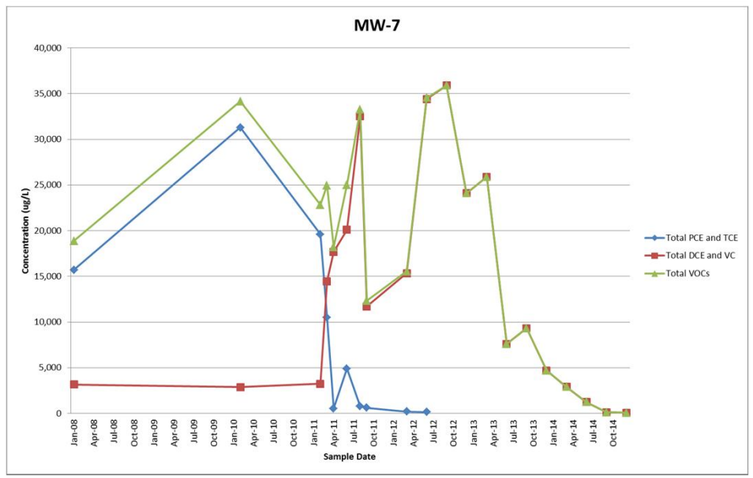
One Remington Park Drive, Cazenovia NY 13035 USA **T** 1 315 679 5800 **F** 1 315 679 5801 **E** cazmail@ghd.com **W** www.ghd.com

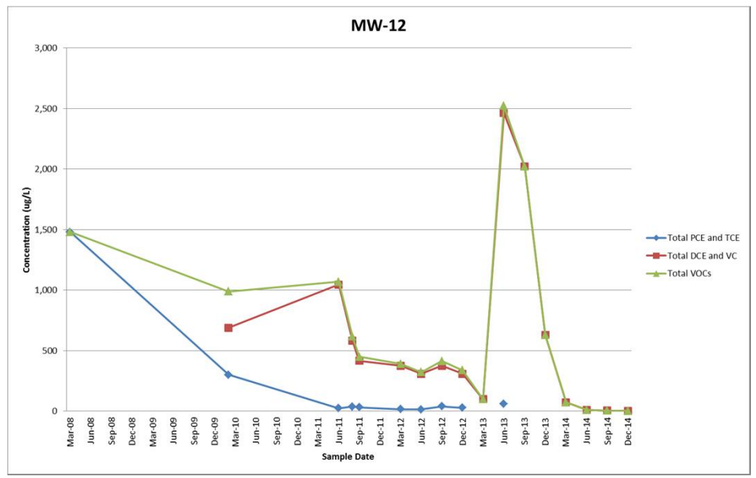
Plot Date: 20 March 2015 - 3:26 PM Cad File No: G:\86\14941\PRRs\PRR - March 17, 2014 to March 17, 2015\Figures\Figure 5.dwg

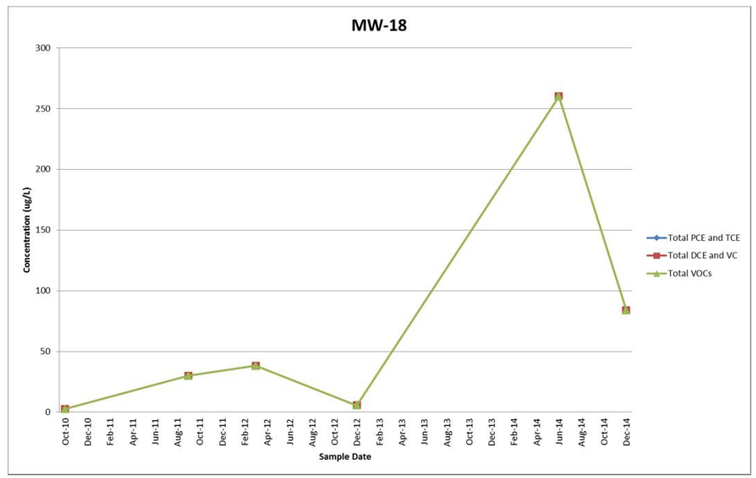


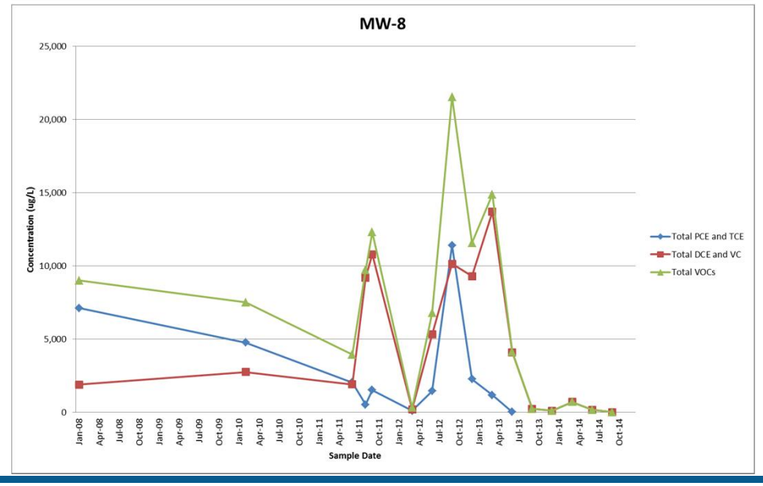


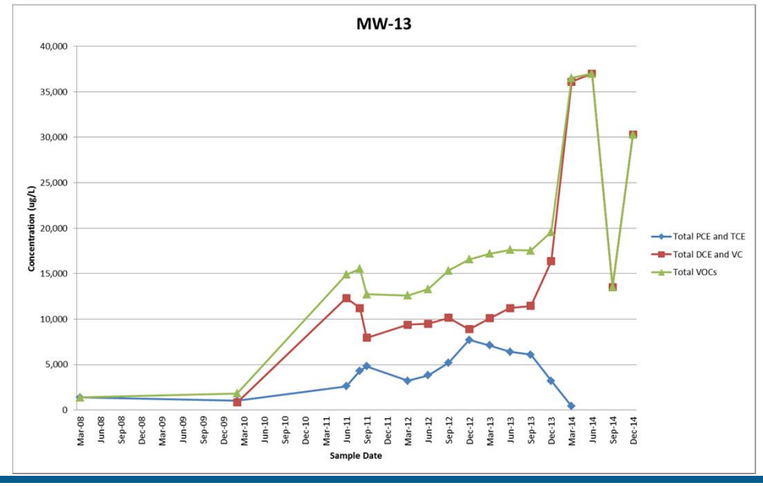


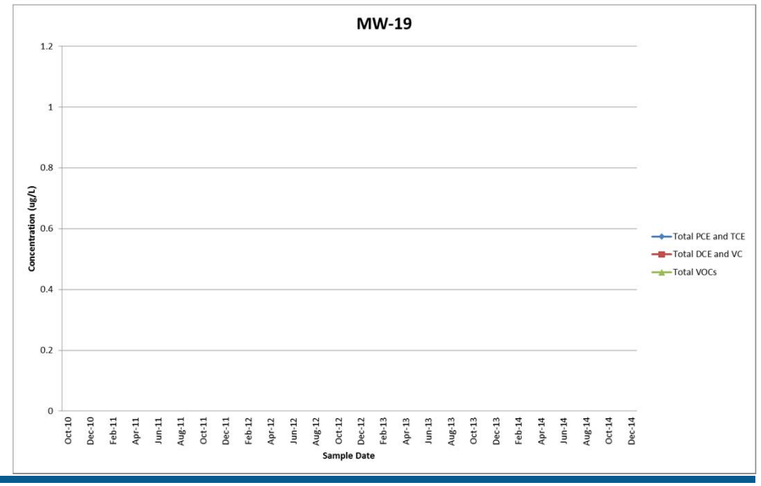












Syracuse Label Company, Inc. | Job Number | 86-14941
Periodic Review Report for BCP Site #C734118 | Revision | A
March 17, 2014 to March 17, 2015 | Date | 04.01.2015
Groundwater Data Time Series Plots | **Figure 6**

One Remington Park Drive Cazenovia New York 13035 USA **T** 1 315 679 5800 **F** 1 315 679 5801

Tables

Table 1
Groundwater Elevation Data
Periodic Review Report

Syracuse Label
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
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
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
MW-4	12/19/2012	Top of PVC	99.22	NM	NM	NM	NM
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
MW-6	12/19/2012	Top of PVC	97.49	NM	NM	NM	NM
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

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

Monitoring Well I.D.	Date	Reference Point	Reference Elevation (feet)	DTW (feet)	DOW (feet)	Water Elevation (feet)	Volume (gal)
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
MW-9	12/19/2012	Top of PVC	97.14	NM	NM	NM	NM
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
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
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

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

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
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
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
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
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
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
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

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

Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-01	MW-01	MW-01	MW-01	MW-01
LocCode					
Date Sampled	2/10/2010	9/11/2011	3/30/2012	12/20/2012	6/19/2014

Analyte	Units	Regulatory Standard					
VOCs							
Tetrachloroethene	µg/L	**5**	**60**	**72**	**45**	**25**	0.92J
Trichloroethene	µg/L	**5**	**39**	**34**	**19**	**21**	1.9
cis-1,2-dichloroethene	µg/L	**5**	**150**	**110**	**100**	**78**	**59**
trans-1,2-dichloroethene	µg/L	**5**	0.91J	<0.76U	<1U	<1U	<1U
Vinyl chloride	µg/L	**2**	**33**	**12**	**29**	**25**	**17**
Dissolved Gases							
Ethane	µg/L		-	<4U	3	<7.5U	<750U
Ethene	µg/L		-	<3U	1.3J	<7U	<700U
Methane	µg/L		-	290	1,700	270	9,500
Metals							
Calcium	mg/L		229	928	334B	110	-
Iron	mg/L	**0.3**	**5.14**	**186**	**41.1**	**8.3**	**21.7**
Magnesium	mg/L	**35**[#1]	**64.2**	**296**	**94.9**	25.4	-
Manganese	mg/L	**0.3**	**4.82**	**7.18**	**4.1B**	**2**	-
Dissolved Metals							
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	**9.1**
General Chemistry							
Dissolved Organic Carbon	mg/L		-	<0.23U	5	5.7	8.6
Total Organic Carbon	mg/L		-	<0.23U	5.2	3.5	6.9
Nitrate (as N)	mg/L	**10**	-	<0.033U	<0.05U	0.039J	<0.05U
Alkalinity (total) as CaCO3	mg/L		-	353B	327	380	516
Hardness as CaCO3	mg/L		-	3,540	1,220	379	773
Chloride	mg/L	**250**	-	**1,270**	**972**	**521**	**874**
Sulfate	mg/L	**250**	-	48.7	25.2	22.3	38.3
Biological Oxygen Demand	mg/L		-	<0.65U	<2U	4.8	-

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Feb-11, Mar-11, and Apr-11 data represents pilot test baseline, 1st post-pilot test sampling event, and 2nd post-pilot test sampling event, respectively

Jun-11, Aug-11, and Sep-11 data represents full scale ISCR injection baseline, 1st post-ISCR sampling event, and 2nd post-ISCR sampling event, respectively

Dec-12 data represents corrective measures baseline and Mar-13, Jun-13, Sep-13, Dec-13, Mar-14, Jun-14, Sep-14, and Dec-14 data represents post-corrective measures sampling events

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-02	MW-02	MW-02	MW-02	MW-02	MW-02	MW-02	MW-02	MW-02
LocCode									
Date Sampled	12/1/2007	2/11/2010	6/11/2011	8/11/2011	9/11/2011	3/29/2012	6/28/2012	9/13/2012	12/12/2012
Analyte	**Units**	**Regulatory Standard**								
VOCs										
Tetrachloroethene	µg/L	**5**	<1U	**22**	<0.81U	-	-	<1U	<1U	<1U	<1U
Trichloroethene	µg/L	**5**	-	1.2J	<0.62U	-	-	<1U	<1U	<1U	<1U
cis-1,2-dichloroethene	µg/L	**5**	-	<0.99U	<0.99U	-	-	<1U	<1U	<1U	<1U
trans-1,2-dichloroethene	µg/L	**5**	-	<0.76U	<0.76U	-	-	<1U	<1U	<1U	<1U
Vinyl chloride	µg/L	**2**	-	<0.99U	<0.99U	-	-	<1U	<1U	<1U	<1U
Dissolved Gases										
Ethane	µg/L		-	-	<4U	<4U	<4U	5.9	<7.2U	<7.5U	1.7J
Ethene	µg/L		-	-	<3U	<3U	<3U	12	<6.7U	<7U	<7U
Methane	µg/L		-	-	<2U	9.3	14	89	63	40	41
Metals										
Calcium	mg/L		-	-	279	999	310	939B	883	884	693
Iron	mg/L	**0.3**	-	-	**18.5**	**138**	**27.1B**	**25.4**	**70.3**	**86.8**	**46.7**
Magnesium	mg/L	**35**[#1]	-	-	**80.7**	**309**	**87.3**	**76.3**	**136**	**134**	**86.1**
Manganese	mg/L	**0.3**	-	-	**1.37**	**5.09**	**1.11**	**5B**	**5**	**5.3**	**3.5**
Dissolved Metals										
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	-	-	-	-	-
General Chemistry										
Dissolved Organic Carbon	mg/L		-	-	<0.23U	<0.23U	<0.23U	3.4	3.2	3.2	3.8
Total Organic Carbon	mg/L		-	-	<0.23U	<0.23U	167	4.7	3.4	3.3	2.4
Nitrate (as N)	mg/L	**10**	-	-	<0.033U	0.12	0.054	<0.05U	<0.05U	<0.05U	0.027J
Alkalinity (total) as CaCO3	mg/L		-	-	401	334B	365	413	408	396	388
Hardness as CaCO3	mg/L		-	-	1,030	3,760	1,130	2,660	2,760	2,760	2,080
Chloride	mg/L	**250**	-	-	**1,440**	**793**	**972**	**1,140**	**1,200**	**1,250**	**936**
Sulfate	mg/L	**250**	-	-	76.6	43.1	57.3	70	76.4	51	65.3
Biological Oxygen Demand	mg/L		-	-	13.2	1.3J	174	3.5	3.2	<2U	<2U

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-02	MW-02	MW-02	MW-02	MW-02	MW-02	MW-02	MW-02
LocCode								
Date Sampled	3/29/2013	6/28/2013	9/27/2013	12/19/2013	3/27/2014	6/19/2014	9/30/2014	12/30/2014

Analyte	Units	Regulatory Standard							
VOCs									
Tetrachloroethene	µg/L	**5**	<1U	<1U	<1U	<1U	<1U	0.72J	<0.2U	<0.36U
Trichloroethene	µg/L	**5**	<1U	<1U	<1U	<1U	<1U	<1U	<0.15U	<0.46U
cis-1,2-dichloroethene	µg/L	**5**	<1U	<1U	<1U	<1U	<1U	<1U	<0.2U	<0.81U
trans-1,2-dichloroethene	µg/L	**5**	<1U	<1U	<1U	<1U	<1U	<1U	<0.26U	<0.9U
Vinyl chloride	µg/L	**2**	<1U	<1U	<1U	<1U	<1U	<1U	<0.29U	<0.9U
Dissolved Gases									
Ethane	µg/L		7.6	<7.5U	<7.5U	3J	<7.5U	<7.5U	<7.5U	<1.5U
Ethene	µg/L		<7U	2.5J	<7U	<7U	<7U	<7U	<7U	<1.5U
Methane	µg/L		52	13	3.9J	36	11	42	2.3J	34
Metals									
Calcium	mg/L		-	-	-	-	-	-	-	-
Iron	mg/L	**0.3**	**65.8**	**25.2**	**64.6**	**167**	**43**	**88.2**	**56.1**	**46.5**
Magnesium	mg/L	**35**[#1]	-	-	-	-	-	-	-	-
Manganese	mg/L	**0.3**	-	-	-	-	-	-	-	-
Dissolved Metals									
Iron (Dissolved)	mg/L	**0.3**	**1.5**	**1.6**	**1.9**	**1.6**	<0.05U	**29.6**	**3.2**	**27.1**
General Chemistry									
Dissolved Organic Carbon	mg/L		3.1	3.9	3.1	3	3.7	3.2	4	4.4
Total Organic Carbon	mg/L		4.5	10.3	4.2	3.5	3	2.2	3.7	3.5
Nitrate (as N)	mg/L	**10**	0.043J	0.066	0.025J	<0.05U	0.038J	0.046J	0.02J	<0.02U
Alkalinity (total) as CaCO3	mg/L		458	473	482	418	402	448	423	487B
Hardness as CaCO3	mg/L		2,430	2,210	2,180	4,870	2,300	2,720	1,960	2,110
Chloride	mg/L	**250**	**1,260**	**1,220**	**938**	**991**	**1,220**	**1,080B**	**1,050**	**1,000**
Sulfate	mg/L	**250**	79	81.6	65.2	72.7	69.4	96.8	61	74
Biological Oxygen Demand	mg/L		-	-	-	-	-	-	-	-

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07
LocCode										
Date Sampled	1/1/2008	2/11/2010	2/11/2011	3/11/2011	4/11/2011	6/11/2011	8/11/2011	9/11/2011	3/29/2012	6/28/2012
Analyte	**Units**	**Regulatory Standard**									
VOCs											
Tetrachloroethene	µg/L	**5**	**14,000**	**27,000**	**17,000**	**6,900**	**370J**	**1,600**	**240J**	**240J**	**34**	<200U
Trichloroethene	µg/L	**5**	**1,700**	**4,300**	**2,600**	**3,600**	**150J**	**3,300**	**520J**	**380**	**170J**	**140J**
cis-1,2-dichloroethene	µg/L	**5**	**2,600**	**2,600**	**2,600**	**14,000**	**17,000**	**19,000**	**24,000**	**7,400**	**11,000**	**26,000**
trans-1,2-dichloroethene	µg/L	**5**	<200U	<150U	<150U	<76U	<150U	<190U	<190U	<38U	**36**	<200U
Vinyl chloride	µg/L	**2**	**560**	**260J**	**620J**	**460J**	**690J**	**1,100J**	**8,500**	**4,300**	**4,300**	**8,400**
Dissolved Gases											
Ethane	µg/L		-	-	4.7	8	4	5	<8U	<20U	120J	<360U
Ethene	µg/L		-	-	9.9	19	11	48	290	330	280	860
Methane	µg/L		-	-	240	350	160	230	390	720	750	600
Metals											
Calcium	mg/L		-	181	176	313	253	212	274	357	200B	303
Iron	mg/L	**0.3**	-	**2.8**	**3.27**	**48.3**	**19.7**	**7.37**	**54.2**	**62.3B**	**5.3**	**23.8**
Magnesium	mg/L	**35**[#1]	-	**56.2**	**53.2**	**89.4**	**65**	**59.5**	**67.2**	**95**	**62.6**	**93.7**
Manganese	mg/L	**0.3**	-	0.15	**0.314**	**2.27**	**1.13**	**0.649**	**2.01**	**1.43**	0.22B	**0.43**
Dissolved Metals											
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	-	-	-	-	-	-
General Chemistry											
Dissolved Organic Carbon	mg/L		-	-	<0.23U	280	-	115	303	457	18.5	308
Total Organic Carbon	mg/L		-	-	<0.23U	282	207	123	305	520	19.4	287
Nitrate (as N)	mg/L	**10**	-	-	<0.033U	<0.033U	<0.033U	<0.033U	<0.033U	<0.033U	<0.05U	<0.05U
Alkalinity (total) as CaCO3	mg/L		-	-	326	521	506	468	594B	725B	400	717B
Hardness as CaCO3	mg/L		-	-	659	1,150	900	773	961	1,280	757	1,140
Chloride	mg/L	**250**	-	-	**325**	**280**	**277**	**268**	214	**340**	**260**	**315**
Sulfate	mg/L	**250**	-	-	106	88.9	55.1	43.6	17.5	30.2	47	12.3
Biological Oxygen Demand	mg/L		-	-	<0.65U	464	228.3H	241.2H	783	786	27.4	698J

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07	MW-07
LocCode										
Date Sampled	9/13/2012	12/21/2012	3/28/2013	6/27/2013	9/26/2013	12/18/2013	3/26/2014	6/18/2014	9/29/2014	12/29/2014
Analyte	**Units**	**Regulatory Standard**									
VOCs											
Tetrachloroethene	µg/L	**5**	<400U	<400U	<400U	<80U	<80U	<40U	<20U	<20U	<4U	<1.8U
Trichloroethene	µg/L	**5**	<400U	<400U	<400U	<80U	<80U	<40U	<20U	<20U	<4U	<2.3U
cis-1,2-dichloroethene	µg/L	**5**	**27,000**	**16,000**	**18,000**	**4,300**	**6,300**	**2,300**	**1,400**	**510**	**32**	**39**
trans-1,2-dichloroethene	µg/L	**5**	<400U	<400U	<400U	<80U	<80U	<40U	<20U	<20U	<4U	<4.5U
Vinyl chloride	µg/L	**2**	**8,900**	**8,100**	**7,900**	**3,300**	**3,000**	**2,400**	**1,500**	**720**	**88**	**31**
Dissolved Gases											
Ethane	µg/L		<380U	430	540	42J	<380U	<380U	<1,500U	<1,500U	<1,500U	<300U
Ethene	µg/L		1,800	2,000	1,700	62J	33J	<350U	<1,400U	<1,400U	<1,400U	<300U
Methane	µg/L		3,300	5,300	6,000	1,000	530	2,900	11,000	14,000	8,900	2,800
Metals											
Calcium	mg/L		649	469B	-	-	-	-	-	-	-	-
Iron	mg/L	**0.3**	**179**	**73.3B**	**58.3**	**647**	**343**	**93.8**	**58.4**	**81.8**	**40.2**	**20.8**
Magnesium	mg/L	**35**[#1]	**136**	**138B**	-	-	-	-	-	-	-	-
Manganese	mg/L	**0.3**	**1.8**	**1B**	-	-	-	-	-	-	-	-
Dissolved Metals											
Iron (Dissolved)	mg/L	**0.3**	-	-	**17.5**	**488B**	**364**	**88.2**	**55.3**	**39.4**	**23.3B**	**20.4**
General Chemistry											
Dissolved Organic Carbon	mg/L		1,250	334	123	2,460	1,940	458	304	375	167	115
Total Organic Carbon	mg/L		1,210	351	126	2,280	1,890	489	308	143	95	41.6H
Nitrate (as N)	mg/L	**10**	<0.05U	0.052	0.023J	<0.05U	<0.05U	0.025J	<0.05U	<0.05U	<0.05U	<0.02U
Alkalinity (total) as CaCO3	mg/L		1,510	1,020	579	2,110	2,370	1,800	1,720B	1,530	1,380	1,480B
Hardness as CaCO3	mg/L		2,180	1,740	1,440	5,140	2,220	2,060	1,750	1,950	1,630	1,600
Chloride	mg/L	**250**	**363**	**424**	**356**	162	**312**	**334**	**415**	**337B**	**449**	**390**
Sulfate	mg/L	**250**	<2U	3.5	7.4	<2U	<2U	<2U	<10U	3.7B	2.7	<17.5U
Biological Oxygen Demand	mg/L		2,960	470	-	-	-	-	-	-	-	-

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08
LocCode									
Date Sampled	1/2/2008	2/1/2010	6/11/2011	8/11/2011	9/11/2011	3/30/2012	6/28/2012	9/13/2012	12/21/2012
Analyte	**Units**	**Regulatory Standard**								
VOCs										
Tetrachloroethene	µg/L	**5**	**6,200**	**3,900**	**1,500**	**380J**	**1,100J**	**82**	**1,000**	**9,500**	**1,800**
Trichloroethene	µg/L	**5**	**920**	**860**	**540**	**140J**	**420J**	**22**	**460**	**1,900**	**470**
cis-1,2-dichloroethene	µg/L	**5**	**1,600**	**2,500**	**1,700**	**5,100**	**7,900**	**140**	**4,000**	**8,000**	**6,600**
trans-1,2-dichloroethene	µg/L	**5**	<200U	<15U	<19U	**100J**	**83J**	1.1	**21**	**34**	<100U
Vinyl chloride	µg/L	**2**	**290**	**250**	**200**	**4,000**	**2,800**	**66**	**1,300**	**2,100**	**2,700**
Dissolved Gases											
Ethane	µg/L		-	-	15	20	30	74	<360U	<380U	160J
Ethene	µg/L		-	-	14	290	710	<150U	270J	<350U	350
Methane	µg/L		-	-	670	930	1,200	930	6,800	3,300	6,100
Metals											
Calcium	mg/L		-	-	202	263	284	284B	209	231	177B
Iron	mg/L	**0.3**	-	-	**5.66**	**33**	**43.9**	**23.5**	**10.8**	**15.5**	**8.1B**
Magnesium	mg/L	**35**[#1]	-	-	**62.5**	**76.4**	**82**	**101**	**72.1**	**78.8**	**57.6B**
Manganese	mg/L	**0.3**	-	-	**1.99**	**3.87**	**3.73**	**0.71B**	**2**	**1.6**	**1.8B**
Dissolved Metals											
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	-	-	-	-	-
General Chemistry											
Dissolved Organic Carbon	mg/L		-	-	<0.23U	155	200	2.4	3.7	4.5	4
Total Organic Carbon	mg/L		-	-	<0.23U	173	168	2.4	2.8	<1U	3.1
Nitrate (as N)	mg/L	**10**	-	-	<0.033U	<0.033U	<0.033U	<0.05U	<0.05U	0.036J	0.039J
Alkalinity (total) as CaCO3	mg/L		-	-	385	633B	643B	420	466B	420	392
Hardness as CaCO3	mg/L		-	-	761	971	1,050	1,120	818	902	678
Chloride	mg/L	**250**	-	-	**431**	**482**	**474**	**538**	**414**	**406**	**370**
Sulfate	mg/L	**250**	-	-	81.1	4.5	3.5	44.6	49.6	71	60.1
Biological Oxygen Demand	mg/L		-	-	2.6	483	216	<2U	<2U	6.5	<2U

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Periodic Review Report

Sample ID	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08
LocCode								
Date Sampled	3/28/2013	6/27/2013	9/26/2013	12/18/2013	3/26/2014	6/18/2014	9/29/2014	12/29/2014

Analyte	Units	Regulatory Standard							
VOCs									
Tetrachloroethene	µg/L	**5**	**800**	**17J**	<40U	<40U	<5U	<5U	<1U	<1.8U
Trichloroethene	µg/L	**5**	**380**	<40U	<40U	<40U	<5U	<5U	<1U	<2.3U
cis-1,2-dichloroethene	µg/L	**5**	**9,400**	**2,100**	**160**	<40U	**330**	**110**	0.46J	<4.1U
trans-1,2-dichloroethene	µg/L	**5**	<200U	<40U	<40U	<40U	<5U	<5U	<1U	<4.5U
Vinyl chloride	µg/L	**2**	**4,300**	**2,000**	**67**	**110**	**380**	**67**	<1U	<4.5U
Dissolved Gases									
Ethane	µg/L		63J	<380U	<380U	<380U	<380U	<1,500U	<1,500U	<300U
Ethene	µg/L		550	98J	<350U	<350U	<350U	<1,400U	<1,400U	<300U
Methane	µg/L		1,900	2,400	1,900	2,400	10,000	16,000	7,800	4,200
Metals									
Calcium	mg/L		-	-	-	-	-	-	-	-
Iron	mg/L	**0.3**	**269**	**585**	**333**	**89.5**	**38.4**	**35.1**	**37.3**	**32.9**
Magnesium	mg/L	**35**[#1]	-	-	-	-	-	-	-	-
Manganese	mg/L	**0.3**	-	-	-	-	-	-	-	-
Dissolved Metals									
Iron (Dissolved)	mg/L	**0.3**	**183**	**542B**	**297**	**94.6**	**42.1**	**34.1**	**30.2B**	**31.8**
General Chemistry									
Dissolved Organic Carbon	mg/L		1,880	3,790	1,490	287	25	16.3	17.6	10.2
Total Organic Carbon	mg/L		2,130	2,720	1,500	249	28.4	15.9	10.8	8.9H
Nitrate (as N)	mg/L	**10**	<0.05U	<0.05U	0.025J	0.02J	0.039J	<0.05U	<0.05U	<0.02U
Alkalinity (total) as CaCO3	mg/L		2,130	2,000B	2,380	1,780	1,140B	1,240	949	868B
Hardness as CaCO3	mg/L		2,110	2,830	2,430	2,100	1,110	1,330	1,350	1,200
Chloride	mg/L	**250**	**483**	**354**	**609**	**547**	**2,220**	**681B**	**639**	**625**
Sulfate	mg/L	**250**	15.6	0.89J	<4U	<4U	<100U	5.2B	0.17J	<17.5U
Biological Oxygen Demand	mg/L		-	-	-	-	-	-	-	-

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Dec-12 data represents corrective measures baseline and Mar-13, Jun-13, Sep-13, Dec-13, Mar-14, Jun-14, Sep-14, and Dec-14 data represents post-corrective measures sampling events

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-10	MW-10	MW-10	MW-10	MW-10
LocCode					
Date Sampled	2/10/2010	9/11/2011	3/30/2012	12/20/2012	6/19/2014

Analyte	Units	Regulatory Standard					
VOCs							
Tetrachloroethene	µg/L	**5**	-	<0.81U	<1U	<1U	<5U
Trichloroethene	µg/L	**5**	-	<0.62U	<1U	<1U	<5U
cis-1,2-dichloroethene	µg/L	**5**	-	**93**	**56**	**90**	<5U
trans-1,2-dichloroethene	µg/L	**5**	-	<0.76U	<1U	<1U	<5U
Vinyl chloride	µg/L	**2**	-	**13**	**13**	**13**	<5U
Dissolved Gases							
Ethane	µg/L		-	<4U	<1.5U	<7.5U	<3,800U
Ethene	µg/L		-	<3U	<1.5U	<7U	<3,500U
Methane	µg/L		-	9.4	20	19	13,000
Metals							
Calcium	mg/L		141	595	173B	178	-
Iron	mg/L	**0.3**	**1.57**	**71**	**8.5**	**17.6**	**83.1**
Magnesium	mg/L	**35**[#1]	**47.3**	**230**	**61**	**60.5**	-
Manganese	mg/L	**0.3**	0.14	**3.55**	**0.35B**	**0.37**	-
Dissolved Metals							
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	**61.4**
General Chemistry							
Dissolved Organic Carbon	mg/L		-	<0.23U	1.6	2.8	21.8
Total Organic Carbon	mg/L		-	<0.23U	<1U	0.88J	16.8
Nitrate (as N)	mg/L	**10**	-	<0.033U	<0.05U	0.032J	<0.05U
Alkalinity (total) as CaCO3	mg/L		-	359B	0.327	304	849
Hardness as CaCO3	mg/L		-	2,430	684	694	1,390
Chloride	mg/L	**250**	-	221	180	187	197B
Sulfate	mg/L	**250**	-	24.8	26.4	20.4	6.5B
Biological Oxygen Demand	mg/L		-	<0.001U	<2U	<2U	-

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11
LocCode										
Date Sampled	3/1/2008	2/11/2010	2/11/2011	3/11/2011	4/11/2011	6/11/2011	8/11/2011	9/11/2011	3/30/2012	6/28/2012
Analyte	**Units**	**Regulatory Standard**									
VOCs											
Tetrachloroethene	µg/L	**5**	**14,000**	**20,000**	**42,000**	**4,200**	**2,200J**	<810U	<410U	**370J**	**58**	<40U
Trichloroethene	µg/L	**5**	**2,400**	**6,100**	**6,300**	**1,100**	<310U	<620U	**390J**	**480J**	**40**	<40U
cis-1,2-dichloroethene	µg/L	**5**	-	**4,400**	**3,800**	**39,000**	**77,000**	**58,000**	**49,000**	**45,000**	**53,000**	**47,000**
trans-1,2-dichloroethene	µg/L	**5**	<1,000U	<76U	<380U	<150U	<380U	<760U	<380U	<300U	**16**	<40U
Vinyl chloride	µg/L	**2**	<1,000U	**270J**	<500U	<200U	<500U	<990U	**1,100J**	**680J**	**2,700**	**3,500**
Dissolved Gases											
Ethane	µg/L		-	-	<4U	<4U	<4U	36	100	100	9.1	1,800
Ethene	µg/L		-	-	5.2	<3U	<3U	53	58	66	9.4	2,100
Methane	µg/L		-	-	46	4.8	8.7	270	170	130	14	4,900
Metals											
Calcium	mg/L		-	170	189	361	515	930	1,230	1,240	1,390B	1,450
Iron	mg/L	**0.3**	-	**34.9**	**37.3**	**298**	**459**	**470**	**1,070**	**1,100**	**1,280**	**1,270**
Magnesium	mg/L	**35**[#1]	-	**50.8**	**55.7**	**82.3**	**111**	**140**	**178**	**178**	**169**	**184**
Manganese	mg/L	**0.3**	-	0.233	**0.359**	**2.27**	**2.51**	**3.83**	**7.3**	**7.9**	**6.6B**	**6.6**
Dissolved Metals											
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	-	-	-	-	-	-
General Chemistry											
Dissolved Organic Carbon	mg/L		-	-	<0.23U	1,290	-	2,350	3,570	5,190	4,940	4,630
Total Organic Carbon	mg/L		-	-	<0.23U	1,310	2,280	2,720	4,620	4,430	4,600	4,950
Nitrate (as N)	mg/L	**10**	-	-	<0.033U	<0.033U	0.033J	<0.033U	<0.17U	<0.033U	<0.05U	<0.05U
Alkalinity (total) as CaCO3	mg/L		-	-	281	837	1,700	2,070	3,170	3,310	3,620	3,800B
Hardness as CaCO3	mg/L		-	-	701	1,240	1,740	14,500	3,800	3,820	4,160	4,380
Chloride	mg/L	**250**	-	-	**300**	**404**	**529**	**541**	**256**	241	**343**	**470**
Sulfate	mg/L	**250**	-	-	107	40.1	100	106	124	176	<2U	0.78J
Biological Oxygen Demand	mg/L		-	-	<0.65U	2,367H	337	2,412H	4,566H	6,830	9,870J	10,200J

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Periodic Review Report

Sample ID	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11	MW-11
LocCode										
Date Sampled	9/14/2012	12/21/2012	3/28/2013	6/28/2013	9/27/2013	12/19/2013	3/27/2014	6/19/2014	9/30/2014	12/30/2014
Analyte	**Units**	**Regulatory Standard**									
VOCs											
Tetrachloroethene	µg/L	**5**	<800U	<800U	<800U	<100U	<200U	<50U	<40U	<20U	<25U	<1.4U
Trichloroethene	µg/L	**5**	<800U	<800U	<800U	<100U	<200U	<50U	<40U	<20U	<25U	<1.8U
cis-1,2-dichloroethene	µg/L	**5**	**59,000**	**45,000**	**37,000**	**9,600**	**20,000**	**3,300**	**2,800**	**500**	**110**	**68**
trans-1,2-dichloroethene	µg/L	**5**	<800U	<800U	<800U	<100U	<200U	<50U	<40U	<20U	<25U	<3.6U
Vinyl chloride	µg/L	**2**	**4,300**	**4,200**	**4,900**	**560**	**3,200**	**1,800**	**3,200**	**930**	**250**	**190**
Dissolved Gases											
Ethane	µg/L		1,100	1,800	1,400	<750U	<750U	<750U	<750U	<750U	<750U	<150U
Ethene	µg/L		1,500	3,300	3,400	180J	250J	540J	160J	<700U	<700U	<150U
Methane	µg/L		3,700	7,300	7,500	170J	2,900	12,000	4,100	13,000	4,200	15,000
Metals											
Calcium	mg/L		1,590	1,240	-	-	-	-	-	-	-	-
Iron	mg/L	**0.3**	**1,120**	**687**	**615**	**1,110**	**683**	**453**	**173**	**133**	**74.6**	**53.2**
Magnesium	mg/L	**35**[#1]	**210**	**155**	-	-	-	-	-	-	-	-
Manganese	mg/L	**0.3**	**6.8**	**3.8**	-	-	-	-	-	-	-	-
Dissolved Metals											
Iron (Dissolved)	mg/L	**0.3**	-	-	**556**	-	**558**	**274**	**151**	**90.6**	**73.5**	**38.5**
General Chemistry											
Dissolved Organic Carbon	mg/L		4,310	4,220	3,720	-	2,480	1,570	3,400	602	297	162
Total Organic Carbon	mg/L		4,450	4,030	3,740	3,060	2,020	1,740	4,000	689	651	208
Nitrate (as N)	mg/L	**10**	<0.05U	<0.05U	<0.05U	<0.05U	0.024J	<0.05U	<0.05U	<0.05U	<0.05U	<0.02U
Alkalinity (total) as CaCO3	mg/L		3,470	3,070	2,430B	2,100B	2,260	1,440	1,200	1,200	942B	941B
Hardness as CaCO3	mg/L		4,840	3,740	4,410	4,290	2,770	3,540	1,480	1,290	1,090	936
Chloride	mg/L	**250**	**455**	**479**	**366**	**328**	**350**	**364**	**430**	**412B**	**468**	**461**
Sulfate	mg/L	**250**	7.2J	2J	<2U	1.9J	<10U	0.45J	<2U	<2.5U	0.41J	<3.5U
Biological Oxygen Demand	mg/L		10,200J	7,540	-	-	-	-	-	-	-	-

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Periodic Review Report

Sample ID	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12
LocCode									
Date Sampled	3/1/2008	2/1/2010	6/11/2011	8/11/2011	9/11/2011	3/30/2012	6/28/2012	9/14/2012	12/21/2012
Analyte	**Units**	**Regulatory Standard**								
VOCs										
Tetrachloroethene	µg/L	**5**	**1,200**	**220**	**23J**	**20J**	**17**	**8.1**	**7.4**	**22**	**13**
Trichloroethene	µg/L	**5**	**280**	**79**	<12U	**16J**	**15**	**6.9**	**6.8**	**17**	**15**
cis-1,2-dichloroethene	µg/L	**5**	-	**670**	**1,000**	**480**	**350**	**280**	**250**	**310**	**250**
trans-1,2-dichloroethene	µg/L	**5**	<20U	<3.8U	<15U	<7.6U	<1.5U	<1U	<5U	<5U	<5U
Vinyl chloride	µg/L	**2**	<20U	**18J**	**45J**	**100**	**66**	**95**	**57**	**64**	**58**
Dissolved Gases											
Ethane	µg/L		-	-	22	<4U	<4U	4.5	<360U	<75U	<75U
Ethene	µg/L		-	-	41	7.8	5.5	20	<340U	<70U	<70U
Methane	µg/L		-	-	61	110	74	280	340	130	140
Metals											
Calcium	mg/L		-	-	105	388	497	541B	699	431	632
Iron	mg/L	**0.3**	-	-	**38.4**	**85.4**	**76.8**	**98.5**	**76.5**	**115**	**95.3**
Magnesium	mg/L	**35**[#1]	-	-	**40.5**	**146**	**184**	**183**	**180**	**165**	**131**
Manganese	mg/L	**0.3**	-	-	**0.583**	**1.5**	**2.11**	**2.5B**	**3.5**	**2**	**3.3**
Dissolved Metals											
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	-	-	-	-	-
General Chemistry											
Dissolved Organic Carbon	mg/L		-	-	0.69J	<0.23U	<0.23U	3.8	2	1.8	0.8J
Total Organic Carbon	mg/L		-	-	2	<0.23U	<0.23U	2	1.4	1.6	0.55J
Nitrate (as N)	mg/L	**10**	-	-	<0.033U	<0.033U	<0.033U	<0.05U	<0.05U	<0.05U	0.024J
Alkalinity (total) as CaCO3	mg/L		-	-	142	469B	482	380	433B	456	393
Hardness as CaCO3	mg/L		-	-	429	1,570	2,000	2,100	2,490	1,760	2,120
Chloride	mg/L	**250**	-	-	**485**	**526**	**473**	**481**	**444**	**636**	**529**
Sulfate	mg/L	**250**	-	-	4.2	66.6	71.9	67.5	70.5	82	83.9
Biological Oxygen Demand	mg/L		-	-	6.5	2.5	<0.65U	<2U	<2U	<2U	<2U

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Sample ID	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12	MW-12
LocCode								
Date Sampled	3/29/2013	6/28/2013	9/27/2013	12/19/2013	3/27/2014	6/19/2014	9/30/2014	12/30/2014

Analyte	Units	Regulatory Standard							
VOCs									
Tetrachloroethene	µg/L	**5**	<5U	**33**	<40U	<10U	<5U	<5U	<1.7U	<0.36U
Trichloroethene	µg/L	**5**	<5U	**26**	<40U	<10U	<5U	<5U	<1.7U	<0.46U
cis-1,2-dichloroethene	µg/L	**5**	**93**	**2,400**	**1,800**	**500**	**54**	**8.9**	2.8	1.7
trans-1,2-dichloroethene	µg/L	**5**	<5U	<5U	<40U	<10U	<5U	<5U	<1.7U	<0.9U
Vinyl chloride	µg/L	**2**	**4.9J**	**63**	**220**	**130**	**18**	<5U	1.2J	<0.9U
Dissolved Gases									
Ethane	µg/L		<75U	<75U	<75U	<750U	<750U	<750U	<750U	<150U
Ethene	µg/L		7.9J	11J	8.2J	<700U	<700U	<700U	<700U	<150U
Methane	µg/L		130	1,400	4,700	12,000	4,700	13,000	4,800	13,000
Metals									
Calcium	mg/L		-	-	-	-	-	-	-	-
Iron	mg/L	**0.3**	**942**	**956**	**834**	**712**	**390**	**274**	**110**	**140**
Magnesium	mg/L	**35**[#1]	-	-	-	-	-	-	-	-
Manganese	mg/L	**0.3**	-	-	-	-	-	-	-	-
Dissolved Metals									
Iron (Dissolved)	mg/L	**0.3**	**748**	**964**	**757**	**551**	**353**	**240**	**152**	**115**
General Chemistry									
Dissolved Organic Carbon	mg/L		2,930	3,200	2,660	2,000	1,300	647	139	46
Total Organic Carbon	mg/L		2,860	3,300	2,700	2,010	1,280	672	147	48.3
Nitrate (as N)	mg/L	**10**	<0.05U	<0.05U	0.035J	<0.05U	0.18	<0.05U	<0.05U	<0.02U
Alkalinity (total) as CaCO3	mg/L		2,340	2,000B	2,440	1,550	1,260	807	274	131B
Hardness as CaCO3	mg/L		2,430	2,980	2,720	2,460	1,540	1,100	503	615
Chloride	mg/L	**250**	**619**	**481**	**616**	**510**	**636**	**683B**	**854**	**666**
Sulfate	mg/L	**250**	28.8	22.5	13.3J	0.98J	<4U	<2.5U	0.27J	<3.5U
Biological Oxygen Demand	mg/L		-	-	-	-	-	-	-	-

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13
LocCode									
Date Sampled	3/1/2008	2/1/2010	6/11/2011	8/11/2011	9/11/2011	3/30/2012	6/28/2012	9/14/2012	12/21/2012
Analyte	**Units**	**Regulatory Standard**								
VOCs										
Tetrachloroethene	µg/L	**5**	**900**	**410**	**1,300**	**2,500**	**2,800**	**1,900**	**2,400**	**3,300**	**5,100**
Trichloroethene	µg/L	**5**	**470**	**600**	**1,300**	**1,800**	**2,000**	**1,300**	**1,400**	**1,900**	**2,600**
cis-1,2-dichloroethene	µg/L	**5**	-	**780**	**12,000**	**11,000**	**7,800**	**8,900**	**9,200**	**9,700**	**8,400**
trans-1,2-dichloroethene	µg/L	**5**	<100U	**12J**	<150U	<150U	<76U	**14**	<100U	<100U	<100U
Vinyl chloride	µg/L	**2**	<100U	**29**	**300J**	**220J**	**140J**	**470**	**290**	**440**	**480**
Dissolved Gases											
Ethane	µg/L		-	-	9.3	4	<4U	14	<360U	<75U	<75U
Ethene	µg/L		-	-	24	10	6.6	39	<340U	<70U	<70U
Methane	µg/L		-	-	230	160	91	360	430	420	320
Metals											
Calcium	mg/L		-	-	130	97	96.9	334B	111	878	116
Iron	mg/L	**0.3**	-	-	**103**	**25.6**	**28.5**	**116**	**23.9**	**275**	**29.3**
Magnesium	mg/L	**35**[#1]	-	-	**37.9**	29.8	30.5	**115**	**36.8**	**224**	**39.6**
Manganese	mg/L	**0.3**	-	-	**0.757**	0.201	0.236	**2B**	0.25	**6.7**	**0.39**
Dissolved Metals											
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	-	-	-	-	-
General Chemistry											
Dissolved Organic Carbon	mg/L		-	-	0.56J	0.41J	0.58J	3	2.8	5.2	4.6
Total Organic Carbon	mg/L		-	-	1.5	<0.23U	<0.23U	2.9	0.82J	2.5	1.3
Nitrate (as N)	mg/L	**10**	-	-	0.19	<0.033U	<0.033U	<0.05U	<0.05U	<0.05U	<0.05U
Alkalinity (total) as CaCO3	mg/L		-	-	246	260B	264	233	258B	265	240
Hardness as CaCO3	mg/L		-	-	480	365	368	1,310	429	3,110	452
Chloride	mg/L	**250**	-	-	114	119	115	112	113	117	109
Sulfate	mg/L	**250**	-	-	10.4	8.7	9.4	8.9	10.2	8.9	7.4
Biological Oxygen Demand	mg/L		-	-	10.2	0.66J	1.1J	2.9J	2.6	<2U	2.2

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13	MW-13
LocCode								
Date Sampled	3/29/2013	6/28/2013	9/27/2013	12/19/2013	3/27/2014	6/19/2014	9/30/2014	12/30/2014

Analyte	Units	Regulatory Standard							
VOCs									
Tetrachloroethene	µg/L	**5**	**4,600**	**4,100**	**4,000**	**2,100**	**250**	<800U	<830U	<180U
Trichloroethene	µg/L	**5**	**2,500**	**2,300**	**2,100**	**1,100**	**160J**	<800U	<830U	<230U
cis-1,2-dichloroethene	µg/L	**5**	**9,600**	**11,000**	**11,000**	**16,000**	**35,000**	**37,000**	**12,000**	**24,000**
trans-1,2-dichloroethene	µg/L	**5**	<100U	<100U	<200U	<200U	<200U	<800U	<830U	<450U
Vinyl chloride	µg/L	**2**	**500**	**220**	**450**	**370**	**1,100**	<800U	**1,500**	**6,300**
Dissolved Gases									
Ethane	µg/L		16J	<75U	<75U	<75U	<750U	<750U	<750U	<150U
Ethene	µg/L		27J	10J	9.3J	25J	<700U	<700U	<700U	1,600
Methane	µg/L		290	88	75	140	640	5,900	990	12,000
Metals									
Calcium	mg/L		-	-	-	-	-	-	-	-
Iron	mg/L	**0.3**	**347**	**35.9**	**56.3**	**891**	**134**	**161**	**237**	**216**
Magnesium	mg/L	**35**[#1]	-	-	-	-	-	-	-	-
Manganese	mg/L	**0.3**	-	-	-	-	-	-	-	-
Dissolved Metals									
Iron (Dissolved)	mg/L	**0.3**	**7.8**	**12.7**	**12.2**	**75.5**	**116**	**125**	**220**	**165**
General Chemistry									
Dissolved Organic Carbon	mg/L		2.5	5.9	1.9	349	640	472	528	564
Total Organic Carbon	mg/L		4.2	3.7	2	310	672	469	552	573
Nitrate (as N)	mg/L	**10**	0.046J	<0.05U	<0.05U	<0.05U	0.21J	<0.05U	<0.05U	<0.02U
Alkalinity (total) as CaCO3	mg/L		249	238	250	480	811	647	643	714B
Hardness as CaCO3	mg/L		3,330	1,760	1,310	5,240	1,230	1,330	1,210	2,120
Chloride	mg/L	**250**	126	146	132	140	193	201B	244	246
Sulfate	mg/L	**250**	9.2	9.2	12	11.2	<2U	<1U	0.29J	<0.35U
Biological Oxygen Demand	mg/L		-	-	-	-	-	-	-	-

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17
LocCode										
Date Sampled	2/1/2010	2/11/2011	3/11/2011	4/11/2011	6/11/2011	8/11/2011	9/11/2011	3/30/2012	6/28/2012	9/14/2012

Analyte	Units	Regulatory Standard									
VOCs											
Tetrachloroethene	µg/L	**5**	**14,000**	**8,800**	**6,300**	**6,900**	**7,600**	<200U	<81U	**9.7**	3.6	<50U
Trichloroethene	µg/L	**5**	**2,000**	**1,400**	**1,200**	**1,800**	**1,000**	<160U	<62U	**6.5**	**7**	<50U
cis-1,2-dichloroethene	µg/L	**5**	**750**	**1,000**	**780**	**1,400**	**940**	**21,000**	**12,000**	**2,700**	**4,300**	**3,500**
trans-1,2-dichloroethene	µg/L	**5**	<76U	<76U	<30U	<38U	<76U	<190U	<76U	**6.6**	<1U	<50U
Vinyl chloride	µg/L	**2**	<99U	<99U	<40U	<50U	<99U	**360J**	**1,800**	**990**	**1,800**	**1,200**
Dissolved Gases											
Ethane	µg/L		-	<4U	<4U	<4U	<4U	<40U	<40U	260	400	470
Ethene	µg/L		-	<3U	<3U	<3U	<3U	<30U	41	160	460	390
Methane	µg/L		-	11	27	9.5	32	2,100	2,100	4,000	11,000	5,100
Metals											
Calcium	mg/L		-	295	126	341	89.6	465	387	256B	242	295
Iron	mg/L	**0.3**	-	**50**	**13.2**	**36.4**	**0.924**	**89.2**	**58.9**	**22.5**	**24.8**	**41.2**
Magnesium	mg/L	**35**[#1]	-	**102**	**35.5**	**110**	21.1	**81.5**	**85.4**	**63.6**	**65.4**	**87.6**
Manganese	mg/L	**0.3**	-	**2.08**	**0.737**	**2.21**	**0.521**	**6.71**	**4.53**	**2.5B**	**2.1**	**2.2**
Dissolved Metals											
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	-	-	-	-	-	-
General Chemistry											
Dissolved Organic Carbon	mg/L		-	<0.23U	<0.23U	<0.23U	<0.23U	804	415	6.6	20.3	2.6
Total Organic Carbon	mg/L		-	<0.23U	<0.23U	<0.23U	<0.23U	813	457	34.1	15.1	26.2
Nitrate (as N)	mg/L	**10**	-	<0.033U	<0.033U	<0.033U	<0.033U	<0.033U	<0.33U	<0.05U	<0.05U	<0.05U
Alkalinity (total) as CaCO3	mg/L		-	245	249	258	247	1,150B	889	760	792B	787
Hardness as CaCO3	mg/L		-	1,160	461	1,300	310	1,500	1,320	901	874	1,100
Chloride	mg/L	**250**	-	193	213	222	89.7	169	**279**	**260**	**253**	**280**
Sulfate	mg/L	**250**	-	97	84.2	101	212	31	21.7	28	28.8	10.2
Biological Oxygen Demand	mg/L		-	<0.65U	<0.65U	<0.65U	1.4J	1,743H	717	49	47.3	55.2

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17	MW-17
LocCode									
Date Sampled	12/21/2012	3/29/2013	6/28/2013	9/27/2013	12/19/2013	3/27/2014	6/19/2014	9/30/2014	12/30/2014
Analyte	**Units**	**Regulatory Standard**								
VOCs										
Tetrachloroethene	µg/L	**5**	<50U	<10U	<10U	<10U	<10U	<10U	<1U	<4U	<0.36U
Trichloroethene	µg/L	**5**	<50U	<10U	<10U	<10U	<10U	<10U	<1U	<4U	<0.46U
cis-1,2-dichloroethene	µg/L	**5**	**3,800**	**570**	**560**	**360**	**2,400**	<10U	4.4	<4U	1.1
trans-1,2-dichloroethene	µg/L	**5**	<50U	<10U	<10U	<10U	**14**	<10U	<1U	<4U	<0.9U
Vinyl chloride	µg/L	**2**	**2,100**	**410**	**320**	**470**	**1,200**	**38**	**32**	**37**	**20**
Dissolved Gases										
Ethane	µg/L		490	450	<380U	<380U	130J	<750U	<750U	<750U	320J
Ethene	µg/L		560	400	86J	41J	210J	<700U	<700U	<700U	<150U
Methane	µg/L		6,800	5,100	1,200	2,800	12,000	4,500	8,300	2,500	12,000
Metals										
Calcium	mg/L		254	-	-	-	-	-	-	-	-
Iron	mg/L	**0.3**	**23.4**	**62.2**	**121**	**170**	**63.2**	**32.8**	**44.7**	**27.4**	**43.3**
Magnesium	mg/L	**35**[#1]	**68.4**	-	-	-	-	-	-	-	-
Manganese	mg/L	**0.3**	**1.7**	-	-	-	-	-	-	-	-
Dissolved Metals										
Iron (Dissolved)	mg/L	**0.3**	-	**21.6**	**131**	**131**	**53.4**	**28.4**	**27.2**	**24**	**20.9**
General Chemistry										
Dissolved Organic Carbon	mg/L		35.6	41.8	1,120	755	266	46.6	14.3	7.3	9.3
Total Organic Carbon	mg/L		51.5	42	947	705	232	45.3	12.1	7.1	7.6
Nitrate (as N)	mg/L	**10**	0.036J	0.044J	<0.05U	0.025J	<0.05U	<0.05U	<0.05U	<0.05U	<0.02U
Alkalinity (total) as CaCO3	mg/L		770	830	1,550B	1,960	1,320	913B	841	724	758B
Hardness as CaCO3	mg/L		917	1,430	1,860	2,730	1,290	804	1,010	691	953
Chloride	mg/L	**250**	234	228	234	**271**	**252**	**259**	246B	232	237
Sulfate	mg/L	**250**	2.1	6.5	<2U	3.2J	<2U	0.5J	4.6	3.1	1.8J
Biological Oxygen Demand	mg/L		80.6	-	-	-	-	-	-	-	-

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-18	MW-18	MW-18	MW-18	MW-18	MW-18
LocCode						
Date Sampled	10/2/2010	9/11/2011	3/30/2012	12/20/2012	6/19/2014	12/29/2014

Analyte	Units	Regulatory Standard						
VOCs								
Tetrachloroethene	µg/L	**5**	<0.81U	<0.81U	<1U	<1U	<1U	<1.8U
Trichloroethene	µg/L	**5**	<0.62U	<0.62U	<1U	<1U	<1U	<2.3U
cis-1,2-dichloroethene	µg/L	**5**	<0.99U	**13**	**29**	**5.5**	**230**	**75**
trans-1,2-dichloroethene	µg/L	**5**	<0.76U	<0.76U	<1U	<1U	<1U	<4.5U
Vinyl chloride	µg/L	**2**	**2.7J**	**17**	**9.2**	<1U	**30**	**9**
Dissolved Gases								
Ethane	µg/L		-	<4U	<1.5U	<75U	<7.5U	<15U
Ethene	µg/L		-	<3U	1.2J	<70U	4.1J	<15U
Methane	µg/L		-	70	42	240	170	120
Metals								
Calcium	mg/L		-	120	81.6B	41.9	-	-
Iron	mg/L	**0.3**	-	**34.5**	**10**	**5.6**	**1.5**	**42.4**
Magnesium	mg/L	**35**[#1]	-	**37.8**	21.5	10.2	-	-
Manganese	mg/L	**0.3**	-	**1.27**	**0.67B**	**0.4**	-	-
Dissolved Metals								
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	**0.94**	**5.9**
General Chemistry								
Dissolved Organic Carbon	mg/L		-	0.64J	3.7	10.9	3	10.9
Total Organic Carbon	mg/L		-	0.62J	2.5	10.1	3.2	8.8H
Nitrate (as N)	mg/L	**10**	-	<0.033U	<0.05U	0.023J	<0.05U	<0.02U
Alkalinity (total) as CaCO3	mg/L		-	370B	247	400	297	426B
Hardness as CaCO3	mg/L		-	455	292	146	240	263
Chloride	mg/L	**250**	-	**388**	**892**	**580**	**515B**	**490**
Sulfate	mg/L	**250**	-	62.8	42.2	58.9	46.9	41.6
Biological Oxygen Demand	mg/L		-	0.66J	<2U	<2U	-	-

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Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	MW-19	MW-19	MW-19	MW-19	MW-19	MW-19
LocCode						
Date Sampled	10/2/2010	9/11/2011	3/30/2012	12/20/2012	6/19/2014	12/29/2014

Analyte	Units	Regulatory Standard						
VOCs								
Tetrachloroethene	µg/L	**5**	<0.81U	<0.81U	<1U	<1U	<1U	<0.36U
Trichloroethene	µg/L	**5**	<0.62U	<0.62U	<1U	<1U	<1U	<0.46U
cis-1,2-dichloroethene	µg/L	**5**	<0.99U	<0.99U	<1U	<1U	<1U	<0.81U
trans-1,2-dichloroethene	µg/L	**5**	<0.76U	<0.76U	<1U	<1U	<1U	<0.9U
Vinyl chloride	µg/L	**2**	<0.99U	<0.99U	<1U	<1U	<1U	<0.9U
Dissolved Gases								
Ethane	µg/L		-	<8U	<7.5U	<7.5U	<7.5U	<1.5U
Ethene	µg/L		-	<6U	<7U	<7U	<7U	<1.5U
Methane	µg/L		-	680	180	36	650	58
Metals								
Calcium	mg/L		-	101	79.9B	43.6	-	-
Iron	mg/L	**0.3**	-	**3.44**	**26.5**	**3.4**	**10.2**	**13.7**
Magnesium	mg/L	**35**[#1]	-	22.7	22.7	8.1	-	-
Manganese	mg/L	**0.3**	-	**0.997**	**1B**	0.18	-	-
Dissolved Metals								
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	**2.2**	**0.82**
General Chemistry								
Dissolved Organic Carbon	mg/L		-	0.52J	4.3	4.1	6.2	5.4
Total Organic Carbon	mg/L		-	0.23J	3.1	3.7	5.5	4.6H
Nitrate (as N)	mg/L	**10**	-	<0.033U	<0.05U	0.088	<0.05U	<0.02U
Alkalinity (total) as CaCO3	mg/L		-	336B	220	207	274	317B
Hardness as CaCO3	mg/L		-	347	293	142	438	493
Chloride	mg/L	**250**	-	**661**	**433**	149	**583B**	**342**
Sulfate	mg/L	**250**	-	43.1	30.2	26.6	36.1	19.9
Biological Oxygen Demand	mg/L		-	3.7	<2U	<2U	-	-

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Dec-12 data represents corrective measures baseline and Mar-13, Jun-13, Sep-13, Dec-13, Mar-14, Jun-14, Sep-14, and Dec-14 data represents post-corrective measures sampling events

Bold and highlighted result indicates an exceedance of applicable Regulatory Standard

Table 2
Summary of Groundwater Analytical Results
Periodic Review Report

Sample ID	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE	DUPLICATE
LocCode	MW-08	MW-17	MW-17	MW-17	MW-08	MW-08	MW-08	MW-10	MW-08	MW-08
Date Sampled	2/2/2010	2/2/2011	3/3/2011	4/4/2011	6/6/2011	8/8/2011	9/9/2011	3/30/2012	6/6/2012	9/9/2012

Analyte	Units	Regulatory Standard									
VOCs											
Tetrachloroethene	µg/L	**5**	**3,500**	**14,000**	**4,000**	**11,000**	**1,700**	**330**	**500J**	<1U	**3,000**	**6,800**
Trichloroethene	µg/L	**5**	**900**	**2,700**	**1,000**	**2,000**	**570**	**130J**	**220J**	<1U	**1,300**	**1,500**
cis-1,2-dichloroethene	µg/L	**5**	**2,500**	**1,900**	**740**	**1,200**	**1,800**	**3,900**	**5,500**	**54**	**6,500**	**7,000**
trans-1,2-dichloroethene	µg/L	**5**	<30U	<150U	<30U	<76U	<19U	**80J**	**87J**	<1U	<80U	**34**
Vinyl chloride	µg/L	**2**	**270**	<200U	<40U	<99U	**220**	**2,900**	**3,400**	**12**	**2,000**	**2,200**
Dissolved Gases											
Ethane	µg/L		-	<4U	<4U	<4U	<20U	21	25	<1.5U	<360U	<380U
Ethene	µg/L		-	<3U	<3U	<3U	<15U	320	640	1.2J	<340U	46J
Methane	µg/L		-	23	24	8.7	390	1,000	1,100	21	3,500	4,200
Metals											
Calcium	mg/L		-	305	128	324	200	265	282	171B	210	228
Iron	mg/L	**0.3**	-	**52.4**	**14.1**	**32.9**	**5.46**	**33.3**	**43.4**	**8.6**	**10.8**	**14.2**
Magnesium	mg/L	**35**[#1]	-	**106**	**36.2**	**100**	**62.1**	**77**	**82.4**	**60.2**	**71.4**	**77.7**
Manganese	mg/L	**0.3**	-	**2.16**	**0.762**	**2.1**	**1.96**	**3.87**	**3.74**	**0.33B**	**1.9**	**1.6**
Dissolved Metals											
Iron (Dissolved)	mg/L	**0.3**	-	-	-	-	-	-	-	-	-	-
General Chemistry											
Dissolved Organic Carbon	mg/L		-	<0.23U	<0.23U	<0.23U	<0.23U	164	198	2.9	2.9	5.8
Total Organic Carbon	mg/L		-	<0.23U	<0.23U	<0.23U	<0.23U	172	177	1	2.7	0.71J
Nitrate (as N)	mg/L	**10**	-	<0.033U	<0.033U	<0.033U	<0.033U	<0.033U	<0.033U	<0.05U	<0.05U	0.035J
Alkalinity (total) as CaCO3	mg/L		-	251	248	257	381	638B	645B	333	466B	419
Hardness as CaCO3	mg/L		-	1,200	469	1,220	756	978	1,040	674	818	888
Chloride	mg/L	**250**	-	196	209	222	**433**	**469**	**468**	180	**419**	**407**
Sulfate	mg/L	**250**	-	97.8	83.2	99.8	81	4.4	4	26.4	25.1	74.2
Biological Oxygen Demand	mg/L		-	<0.65U	<0.65U	<0.65U	4	363	213.6H	<2U	8.9	5.9

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LocCode	MW-19	MW-07	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08	MW-08
Date Sampled	12/20/2012	3/3/2013	6/3/2013	9/3/2013	12/12/2013	3/3/2014	6/3/2014	9/9/2014	12/29/2014

Analyte	Units	Regulatory Standard								
VOCs										
Tetrachloroethene	µg/L	**5**	<1U	<400U	**17J**	<40U	<40U	<5U	<5U	<1U	<0.36U
Trichloroethene	µg/L	**5**	<1U	<400U	<40U	<40U	<40U	<5U	<5U	0.15J	<0.46U
cis-1,2-dichloroethene	µg/L	**5**	<1U	**16,000**	**2,100**	**140**	<40U	**310**	**120**	**6**	0.9J
trans-1,2-dichloroethene	µg/L	**5**	<1U	<400U	<40U	<40U	<40U	<5U	<5U	<1U	<0.9U
Vinyl chloride	µg/L	**2**	<1U	**6,600**	**2,200**	**81**	**110**	**380**	**64**	**8.9**	<0.9U
Dissolved Gases										
Ethane	µg/L		<7.5U	470	<380U	<380U	<380U	<7.5U	<3,800U	<1,500U	<300U
Ethene	µg/L		<7U	1,400	62J	<350U	<350U	<7U	<3,500U	<1,400U	<300U
Methane	µg/L		62	4,800	1,300	1,400	3,200	9,300	15,000	12,000	5,500
Metals										
Calcium	mg/L		44.2	-	-	-	-	-	-	-	-
Iron	mg/L	**0.3**	**3.2**	**63.1**	**593**	**327**	**90.4**	**40.6**	**36.3**	**37.5**	**32.3**
Magnesium	mg/L	**35**[#1]	8.3	-	-	-	-	-	-	-	-
Manganese	mg/L	**0.3**	0.18	-	-	-	-	-	-	-	-
Dissolved Metals										
Iron (Dissolved)	mg/L	**0.3**	-	**16.8**	**552B**	**281**	**95.3**	**42.2**	**33.5**	**30.5B**	**32.1**
General Chemistry										
Dissolved Organic Carbon	mg/L		3.9	121	2,620	1,550	288	26.9	18	15.3	11.1
Total Organic Carbon	mg/L		3.7	126	2,490	1,500	252	26.1	16.5	17.5	9.2H
Nitrate (as N)	mg/L	**10**	0.06	0.023J	<0.05U	<0.05U	0.028J	<0.05U	<0.05U	<0.05U	<0.02U
Alkalinity (total) as CaCO3	mg/L		207	589	1,900B	2,330	1,770	1,140B	1,230	948	863B
Hardness as CaCO3	mg/L		144	1,500	2,860	2,440	2,130	1,150	1,360	1,360	1,180
Chloride	mg/L	**250**	151	**309**	**406**	**607**	**542**	**2,250**	**686B**	**717**	**642**
Sulfate	mg/L	**250**	27	14.1	18.7	<4U	<4U	<100U	5.2B	0.14J	<1.7U
Biological Oxygen Demand	mg/L		<2U	-	-	-	-	-	-	-	-

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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, 2014 to March 17, 2015

	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.

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).

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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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- 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.

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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

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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	Cover System Vapor Mitigation
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 110 Luther Avenue Liverpool, NY 13088
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 4/15/15
Signature of Owner, Remedial Party, or Designated Representative Rendering Certification Date

IC/EC CERTIFICATIONS

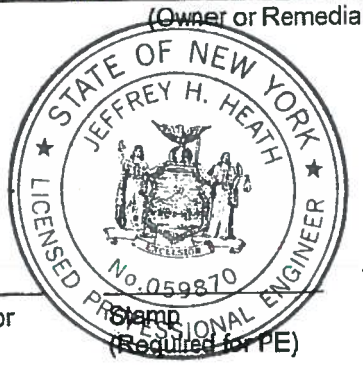
Box 7

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 JEFFREY H. HEATH (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)

4/16/15
Date

Appendix B - Property Ownership Information for Adjoining Property

(Information taken from the Onondaga County Department of Finance Office of Real Property Services online database, March 16, 2015).

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:	2014 - $18,000	**Total Assessment:**	2014 - $116,000
Full Market Value:	2014 - $116,000		
Equalization Rate:	----	**Legal 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	0	1960	Normal	Average	4113	1.00

Site Uses

Use	Rentable Area (sqft)	Total Units
Light mfg	4,113	0

Improvements

Structure	Size	Grade	Condition	Year
Canpy-w/slab	24 sq ft	Economy	Fair	1960
Pavng-asphlt	3900 × 4	Average	Fair	1970

Land Types

Type	Size
Primary	90 × 90

Special Districts for 2014

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 may not reflect exemptions or 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: 3-14-14

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: (KG)

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.2
S-2	3.0
S-3	6.3
S-4	5.6
S-5	4.5
S-6	3.9
S-7	2.6
S-8	6.0
S-9	5.5
S-10	0.2
S-11	0
S-12	0.1
S-13	0
S-14	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:

The FAN that controls # ID - #14 is down the motor ~~was~~ had. on 3/3/14 it was Noticed.

See Correspondences

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: The FAN unit was sent to Radon Away on 3-7-14 for evaluation.

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:

No water found in Condensation traps

Report all maintenance/repair needs immediately to building facility manager

Kevin Gagnon

From: Paul Roux [proux@syrlsp.com]
Sent: Monday, March 03, 2014 5:01 PM
To: KGagnon@SYRLSP.com; 'Kevin Ekbom'
Subject: SSDS

I spoke with Damian regarding the SSDS fan that isn't working. We won't need to have an "emergency" call, but do need to get it repaired asap. Please make a note in your log book regarding the fan, when you determined it was inoperative, when it was last checked and found to be operative, and what we're doing to have it placed back into service.

Also, make a note to drain the trap in the line for the SSDS in the letterpress cell when you're draining the other trap.

Thanks,
Paul

Paul A. Roux, PE, MBA
Vice President Development

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SSDS Fan System failed - L'Press Area

Last checked 2-26-14

Noticed not working 3-3-14 — Problem found to be Motor went bad.

Kevin Gagnon

From: Paul Roux [proux@syrlsp.com]
Sent: Tuesday, March 04, 2014 11:45 AM
To: 'Christopher Mannes'
Cc: donald.sorbello@ghd.com; 'Damian Vanetti'; 'Doreen A. Simmons'; KGagnon@SYRLSP.com; 'Kathy Alaimo'; 'Kevin Ekbom'
Subject: SSDS at Syracuse Label

Chris;

Yesterday we noticed the rooftop SSDS fan at the Southern end of the building was inoperative. This is the fan closest to MW-12 and MW-15. We are working to find a replacement fan and plan to have it installed as soon as possible. Please note, the fan failure does not impact the remainder of the SSDS suction points (9 out of 14) since the larger fan is still operating and is pulling a vacuum on the other suction points.

Please contact me if you have questions.

Regards,
Paul

Paul A. Roux, PE, MBA
Vice President Development

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Kevin Gagnon

From: Paul Roux [proux@syrlsp.com]
Sent: Tuesday, March 04, 2014 2:06 PM
To: KGagnon@SYRLSP.com
Subject: FW: SSDS at Syracuse Label

For your files.

Paul

Paul A. Roux, PE, MBA
Vice President Development

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From: Christopher Mannes [mailto:cfmannes@gw.dec.state.ny.us]
Sent: Tuesday, March 04, 2014 1:29 PM
To: Paul Roux
Subject: Re: SSDS at Syracuse Label

Hello Paul:

Thank you for the notification, and staying vigilant with the OM&M for your site. As a response- please note in the Site Operation and Maintenance log, I also believe the annual Periodic Review Report is forthcoming in the next month or so.

Thank you

Chris

>>> "Paul Roux" <proux@syrlsp.com> 3/4/2014 11:45 AM >>>
Chris;

Yesterday we noticed the rooftop SSDS fan at the Southern end of the building was inoperative. This is the fan closest to MW-12 and MW-15. We are working to find a replacement fan and plan to have it installed as soon as possible. Please note, the fan failure does not impact the remainder of the SSDS suction points (9 out of 14) since the larger fan is still operating and is pulling a vacuum on the other suction points.

Please contact me if you have questions.

Regards,
Paul

Kevin Gagnon

From: Kevin Ekbom [kekbom@syrlsp.com]

Sent: Monday, March 10, 2014 7:50 AM

To: 'Paul Roux'

Cc: 'Paul Mumford'; 'Kevin Gagnon'

Paul, Dick from Radon service picked up the blower fan Friday afternoon, he did not say when fan would be repaired.

Kevin Ekbom
VP of Manufacturing

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RMA - IN THE DOOR PROCESSING RMANO: 140331-4

CUSTOMER: Radon Home Services | CUST TYPE: RFC | RGI FAN CLUB: N | RMA TYPE: RadonAway | ✓

PRODUCT SERIAL #: 09115

TODAY'S DATE: 04/18/2014 ☐
DATE RMA RECEIVED: 3/31/2014 MM/DD/YYYY

FAN TYPE: HS5000 ☐
VERIFY FAN TYPE: HS5000

MFG DATE: ☐
VERIFY MFG DATE: 0911 MM/YY

COVER or FAN? FAN
WIRES (Y/N)?
FAN LABEL (Y/N)?

IN-THE-DOOR INSPECTION COMMENTS AND NOTES: NO APPARENT HEAT DAMAGE.
Fan is saturated, possibly due to severe weather, Fan is over three years old.

NEW RMA RMA No: 140331-4 SERIAL #: 09115

RMA Type: RadonAway Date RMA Originated: 3/31/2014

CUST #: 1775 CUSTOMER: Radon Home Services CSR: ALK

CONTACT: Richard Kornbluth CUST TYPE: RFC TEL#: (315) 422-6000

ITEM: HS5000 REPAIR TYPE: NOWAR/REPAIR STATUS: C

OTHER PRODUCT: PROBLEM:

CSR NOTES: Repair fan and ship back to customer on PO# RHS032414-1

INTERNAL STATUS:

Received Date: 03/31/2014 MFG Date:

Warranty		3	2	3Yr	1Yr
YES	NO				

Replace
Warranty Repair
Non-Warranty

Authorized By

Preliminary Problem Analysis: REBUILT FAN, NEW BLOWER NEW PVC INLET ASSEMBLY.

Comments and Instructions: XTRA .5 HR LABOR FOR INLET

Costs: Date Closed:

Activity	Labor Hrs/Materials
Total	

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 4/16

Insepctors Name: Kevin GAgnon

Company: SYR LSP

Inspector Initials: (KG)

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)	
S-1	3.2	
S-2	3.1	
S-3	6.5	
S-4	5.6	
S-5	(KG) ~~4.4~~	
S-6	3.9	
S-7	2.6	
S-8	6.0	
S-9	5.5	
S-10	0.1	2.9
S-11	0	2.6
S-12	0.1	2.6
S-13	0	2.9
S-14	0	2.7

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 X N ___

A. Observations/comments:

FAN over (old letterpress Area) that controls #10 - 14 is still out of service.

FAN is back up and operational on 4-23-14 (KG) - readings are as follows

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:

The fan unit is not back yet from RADON AWAY

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 clear. (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: 5/12/14

Insepctors Name: Kevin Gagnon

Company: SYR L. SP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	2.7
S-2	2.5
S-3	5.5
S-4	4.9
S-5	3.5
S-6	3.1
S-7	2.0
S-8	4.6
S-9	2.4
S-10	3.0
S-11	2.8
S-12	3.1
S-13	3.0
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 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)

NO

Additional Comments:

Checked condensation traps - nothing

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 6/10/14

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: (KG)

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	2.7
S-2	2.5
S-3	5.4
S-4	4.9
S-5	3.4
S-6	3.0
S-7	2.0
S-8	5.0
S-9	2.1
S-10	2.4
S-11	2.2
S-12	2.2
S-13	2.5
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 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 @ this time.

Additional Comments: Checked 2 Condensation traps

Water in digital Cell, the other one nothing.

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 7/17/14

Insepctors Name: Keith Gagnon

Company: SYRLSP

Inspector Initials: KG

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	3.4
S-6	3.1
S-7	2.0
S-8	5.0
S-9	2.4
S-10	2.5
S-11	2.3
S-12	2.4
S-13	2.6
S-14	2.4

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:

Both fan systems OK (KG)

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 (KG)

Additional Comments: Checked both Condensation traps

~~other~~ digital IN #14 small amount of water the other one 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: 8/12/14

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	2.8
S-2	2.6
S-3	5.6
S-4	4.9
S-5	3.4
S-6	3.1
S-7	2.0
S-8	5.0
S-9	2.4
S-10	2.9
S-11	2.6
S-12	2.6
S-13	2.9
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 X N ___
2. Fan/Controls Clear of obstructions? Y X N ___
3. Rapair needs? Y ___ N X

A. Observations/comments:

Both fan systems ok KG

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 checked - both 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: 9-15-14

Insepctors Name: Kevin GAGNON

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	2.9
S-2	2.4
S-3	6.0
S-4	4.9
S-5	3.4
S-6	3.0
S-7	2.0
S-8	4.5
S-9	2.4
S-10	2.5
S-11	2.4
S-12	2.4
S-13	2.7
S-14	2.4

Notes:

Locations of suction risers can be found on attached Figure.

System details are included in Appendix B.

II. Fan Inspection

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

A. Observations/comments:

Both fan syst. good

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 @ this time

Additional Comments:

Checked both fans + 2 condensation traps - all good.

Kevin G.

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 10/9/14

Insepctors Name: Kevin Gagnon

Company: SYRCSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	2.8
S-2	2.4
S-3	5.4
S-4	4.8
S-5	3.4
S-6	3.0
S-7	2.0
S-8	4.5
S-9	2.0
S-10	2.6
S-11	2.4
S-12	2.4
S-13	2.6
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:

Both fan systems ok.

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. (KG)

Additional Comments:

Checked 2- condensation traps Both ok

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 11/17/14

Inseptors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (InWC)
S-1	2.9
S-2	2.2
S-3	5.5
S-4	4.7
S-5	3.4
S-6	3.0
S-7	2.0
S-8	4.5
S-9	2.0
S-10	2.5
S-11	2.4
S-12	2.4
S-13	2.6
S-14	2.4

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)

NO

Additional Comments:

Checked both condensation traps

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 12-8-14

Insepctors Name: Kevin GAgnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	2.9
S-2	2.4
S-3	5.6
S-4	5.0
S-5	3.4
S-6	4.2
S-7	2.1
S-8	4.5
S-9	2.3
S-10	2.9
S-11	2.6
S-12	2.7
S-13	2.9
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 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)

NO

Additional Comments: Checked both Condensation traps - Digital cell - 1 gf. Other 1 - dry - NO bugs. 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: 1-7-15

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	2.9
S-2	2.5
S-3	5.6
S-4	5.0
S-5	3.6
S-6	3.3
S-7	2.2
S-8	4.6
S-9	2.9
S-10	3.1
S-11	3.0
S-12	3.0
S-13	3.1
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 ___ 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 @ this time

Additional Comments:

1- condensation trap empty

1- Digital Area - 3/4 cup of 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: 2-12-15

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.6
S-2	2.4
S-3	5.4
S-4	4.8
S-5	3.2
S-6	3.0
S-7	2.0
S-8	4.2
S-9	2.0
S-10	2.4
S-11	2.2
S-12	2.1
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 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:

Check both condensation traps 1- dry no bugs

1 - 1½ cups water (behind Delta)

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 3-5-15

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	2.6
S-2	2.2
S-3	5.4
S-4	4.9
S-5	3.2
S-6	3.1
S-7	2.1
S-8	4.3
S-9	1.9
S-10	0.9
S-11	~~0.6~~ 2.1
S-12	~~0.8~~ 2.2
S-13	~~0.9~~ 2.4
S-14	2.2 - valve fell off

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:

1/2 cup of water in Digital area Vent #S-14

Report all maintenance/repair needs immediately to building facility manager

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 4-3-15

Insepctors Name: Kevin Gagnon

Company: SYRLSP

Inspector Initials: KG

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.0
S-2	2.6
S-3	5.9
S-4	5.2
S-5	3.8
S-6	3.4
S-7	2.3
S-8	5.0
S-9	3.2
S-10	3.5
S-11	3.5
S-12	4.0
S-13	3.6
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: Check both condensation traps 1 - dry

1 - in Digital - ½ cup water

Report all maintenance/repair needs immediately to building facility manager

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March 4, 2015

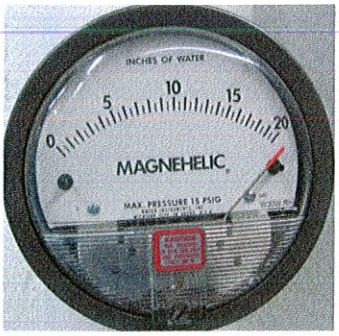

Figure 1

Figure 2

Figure 3

On 3/4/15 I noticed the Digital Cell SSDS gauges were maxed out above 20 inches of water. See (Figure 1). At that time you could hear the gurgling of water at floor level. Due to spring time thawing the water table has filled all voids below our Digital Cell floor slab. At that point it was determined that the system could not pull air from below the slab and the system was sealed by water.

In order to not overwork the fan system we decided to crack the valve behind our Delta ModTECH. This allowed the fan to draw the same amount that is normally recorded during monthly audits. (~5.0 inches of water) This system will now be checked weekly until water table has returned to normal.

Date Returned to Normal: 3-24-15

Supervisor Initial: KG.

Paul Mumford (Process Engineer)

Paul Mumford

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March 4, 2015

Digital Cell SSDS Weekly Valve Check For Proper Function

Sign	Date	
[signature]	3-9-15	
[signature]	3-16-15	
[signature]	3-24-15	BACK TO NORMAL, BUT WILL CONTINUE TO MONITER.
[signature]	3-31-15	STILL GOOD

APPENDIX C
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

Inspection Date: March 18, 2015

Inspected By: Damian J. Vanetti

		Y or N	Comments or Problem Identified/Action Taken
1.	Condition of pavement: Are there areas of pavement where sub-soil is exposed?	N	
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	Floor and pavement are intact with no observed underlying soils exposed.
3.	Sediment/Erosion Control: Are erosion/storm water control devices in place in accordance with Stormwater Pollution Prevention Plan?		N/A
4.	Excavation/Backfill: Has Excavation been completed in accordance with the site Excavation Work Plan?		N/A – No excavation completed during this reporting period.
5.	Stockpiled Materials: Are temporary soil stockpiles or construction materials protected from erosion?		N/A – No soils stockpiled on-Site.
6.	Dust Control: Have dust control measures been implemented as needed during the conduct of construction work?		N/A
7.	CAMP: Has Community Air Monitoring been conducted in accordance with the CAMP?		N/A
8.	SSDS: Has an inspection of the SSDS been completed?	Y	

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____

Not Applicable

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.

Not Applicable

Attach photographs as appropriate

Sub-Slab Depressurization System

Inspection Checklist

Syracuse Label, 110 Luther Avenue, Liverpool, NY

Date: 3/18/2015

Insepctors Name: Damian J. Vanetti

Company: GHD

Inspector Initials: DJV

I. Pressure Readings

Suction Riser Identification	Pressure Reading (inWC)
S-1	3.5
S-2	3.0
S-3	7.0
S-4	6.0
S-5	5.0
S-6	4.9
S-7	3.0
S-8	6.5
S-9	6.0
S-10	5.0 (a)
S-11	5.0 (a)
S-12	5.0 (a)
S-13	5.0 (a)
S-14	see note (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:

(1) Valve on riser open to allow air flow to fan during times of high water table. Syracuse Label monitoring and documenting conditions and actions taken.

(a) Manometer reading of 5.0 inWC is due to valve at riser S-14 being opened. Syracuse Label reports valve was opened such that manometer readings at riser under influence of fan were at 5.0 inWC.

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 identified at this time.

Additional Comments:

Syracuse Label to observe groundwater conditions, continue to take pressure gauge readings, and provide notice to NYSDEC once system is operating without influence of groundwater in sub-slab.

Report all maintenance/repair needs immediately to building facility manager

Appendix D - Approval Notifications for EQuIS Database Submittals

Ian McNamara

From: NYENVDATA <NYENVDATA@gw.dec.state.ny.us>
Sent: Wednesday, April 23, 2014 3:17 PM
To: Ian McNamara
Cc: Christopher Mannes
Subject: Re: EDDs for the 110 Luther Avenue BCP Site (BCP Site #C734118)

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

Ian,

EDDs 20140417 1027.C734118.NYSDEC.zip and 20140417 1045.C734118.NYSDEC.zip were successfully uploaded and the data is ready for use within the NYSDEC system.

Thank you,
Alison
NYSDEC EIMS Team

>>> Ian McNamara <Ian.McNamara@ghd.com> 4/17/2014 10:48 AM >>>
Hi,
Attached are 2 EDDs for the above referenced Site. The EDDs include field results and sample results for 1st Quarter 2014 groundwater monitoring activities.
Thanks,
Ian

Ian McNamara
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

Ian McNamara

From: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Sent: Monday, October 27, 2014 11:41 AM
To: Ian McNamara
Cc: Mannes, Christopher (DEC)
Subject: RE: EDDs for 110 Luther Avenue BCP Site (#C734118) Groundwater Monitoring

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

Ian,

Thank you for your EDD resubmission and new datasets. NYSDEC has successfully uploaded the EDDs "20141020 1403.C734118.NYSDEC.zip" "20141020 1426.C734118.NYSDEC.zip" and "20141020 1430.C734118.NYSDEC.zip" 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: Monday, October 20, 2014 2:33 PM
To: dec.sm.NYENVDATA
Cc: Mannes, Christopher (DEC)
Subject: Re: EDDs for 110 Luther Avenue BCP Site (#C734118) Groundwater Monitoring

Hi,
Attached is the revised EDD described below.
Thanks,
Ian

Ian McNamara, GIT
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
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From: dec.sm.NYENVDATA [mailto:NYENVDATA@dec.ny.gov]
Sent: Tuesday, August 19, 2014 3:21 PM
To: Ian McNamara
Cc: Mannes, Christopher (DEC)
Subject: RE: EDDs for 110 Luther Avenue BCP Site (#C734118) Groundwater Monitoring

Ian,

The dataset "20140723 1650.C734118.NYSDEC.zip" has been successfully loaded to the NYSDEC database and the data is available for use within our system. Thank you.

Members of our EIMS Team, in reviewing your data package "20140724 1016.C734118.NYSDEC.zip", have identified some items that are not generating errors with the EQuIS Data Processor (EDP) application, however these items will create problems during the reporting process. These items include:

- Invalid Matrix Codes: Please revise the matrix codes (sample_matrix_code, lab_matrix_code) for the trip blank samples in this dataset. Quality control samples, with the exception of matrix spike samples, must be given quality control matrices like WQ or SQ or AQ and the like.
- 'F' Qualifier: Given the definition of the 'F' qualifier, 'THE RESULT IS FAULTY DUE TO PROBLEMS OUTSIDE THE REALM OF TYPICAL VALIDATION RULES/FLAGS. THIS QUALIFIER MAY BE AFFIXED TO A RESULT WHEN THE DATA VALIDATOR HAS REASON TO CONSIDER THE RESULT SUSPECT, WARRANTING NOTIFICATION OF THE END USER', the qualifier is not commonly used with unvalidated data. Please review the detected results with the 'F' qualifier with the NYSDEC project manager, copied on this message.

Because of the above issues, we are unable to load the data into the database. Please review these errors, revise the EDD, check it in EDP, and resubmit your EDD for upload into the NYSDEC database. Please do not hesitate to contact us with any questions. Also, for future reference, here is the link for the updated EDD Manual: http://www.dec.ny.gov/docs/remediation_hudson_pdf/eddmanual.pdf, and the link for the main EDD instruction page: http://www.dec.ny.gov/chemical/62440.html.

Thank you,
Aaron
NYSDEC EIMS Team

From: Ian McNamara [mailto:Ian.McNamara@ghd.com]
Sent: Thursday, July 24, 2014 10:19 AM
To: dec.sm.NYENVDATA
Cc: Mannes, Christopher (DEC)
Subject: EDDs for 110 Luther Avenue BCP Site (#C734118) Groundwater Monitoring

Hi,

Attached are field data and results EDDs for the above referenced site. Please let me know if they need any changes.

Thanks,
Ian

Ian McNamara, GIT
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
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Ian McNamara

From: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Sent: Friday, February 06, 2015 4:03 PM
To: Ian McNamara
Cc: Mannes, Christopher (DEC)
Subject: RE: EDDs for 110 Luther Avenue BCP Site (Site #C734118)

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

Ian,

The following EDD was successfully loaded to the NYSDEC Database and is available for use:

- 20150127 0842.C734118.NYSDEC.zip

The following EDD could not be loaded to the NYSDEC Database:

- 20150127 0854.C734118.NYSDEC.zip

Sample "MS" has a sample type of "MS" which requires it to have a parent sample. Please revise and resubmit.

Alan
NYSDEC EIMS Team

From: Ian McNamara [mailto:Ian.McNamara@ghd.com]
Sent: Tuesday, January 27, 2015 9:05 AM
To: dec.sm.NYENVDATA
Cc: Mannes, Christopher (DEC)
Subject: EDDs for 110 Luther Avenue BCP Site (Site #C734118)

Hi,

Attached are 2 EDDs related to 4th Quarter 2014 groundwater monitoring activities completed at the above referenced site. One contains field parameters and water levels and the other contains analytical results. Please let me know if they are able to be uploaded or if they need edits.

Thanks,
Ian

Ian McNamara, GIT
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
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Ian McNamara

From: dec.sm.NYENVDATA <NYENVDATA@dec.ny.gov>
Sent: Thursday, February 26, 2015 4:23 PM
To: Ian McNamara
Cc: Mannes, Christopher (DEC)
Subject: RE: EDDs for 110 Luther Avenue BCP Site (Site #C734118)

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

Ian,

Thank you for your EDD resubmission. NYSDEC has successfully uploaded the data from the EDD "20150220 1524.C734118.NYSDEC.zip" 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: Friday, February 20, 2015 3:26 PM
To: dec.sm.NYENVDATA
Cc: Mannes, Christopher (DEC)
Subject: RE: EDDs for 110 Luther Avenue BCP Site (Site #C734118)

Hi,
I have revised the attached EDD to include a parent sample for the MS sample. Please let me know if this is acceptable for upload now.
Thanks,
Ian

Ian McNamara, GIT
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

From: dec.sm.NYENVDATA [mailto:NYENVDATA@dec.ny.gov]
Sent: Friday, February 06, 2015 4:03 PM
To: Ian McNamara
Cc: Mannes, Christopher (DEC)
Subject: RE: EDDs for 110 Luther Avenue BCP Site (Site #C734118)

Ian,

The following EDD was successfully loaded to the NYSDEC Database and is available for use:

- 20150127 0842.C734118.NYSDEC.zip

The following EDD could not be loaded to the NYSDEC Database:

- 20150127 0854.C734118.NYSDEC.zip

Sample "MS" has a sample type of "MS" which requires it to have a parent sample. Please revise and resubmit.

Alan
NYSDEC EIMS Team

From: Ian McNamara [mailto:Ian.McNamara@ghd.com]
Sent: Tuesday, January 27, 2015 9:05 AM
To: dec.sm.NYENVDATA
Cc: Mannes, Christopher (DEC)
Subject: EDDs for 110 Luther Avenue BCP Site (Site #C734118)

Hi,

Attached are 2 EDDs related to 4th Quarter 2014 groundwater monitoring activities completed at the above referenced site. One contains field parameters and water levels and the other contains analytical results. Please let me know if they are able to be uploaded or if they need edits.

Thanks,
Ian

Ian McNamara, GIT
Scientist III

GHD
T: 1 315 679 5732 | M: 1 315 368 8432 | V: 865732 | E: ian.mcnamara@ghd.com
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Appendix E - Groundwater Sampling Waste Disposal Manifests

NON-HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Waste Tracking Number
	NYD042350751	1	800-535-5053	15145

GENERATOR

5. Generator's Name and Mailing Address
Syracuse Label Company Inc.
110 Luther Ave
Liverpool, NY 13088
Generator's Phone: 315-422-1037

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

6. Transporter 1 Company Name: Environmental Service Group, Inc 716.695.6720
U.S. EPA ID Number: NYD986903904

7. Transporter 2 Company Name
U.S. EPA ID Number

8. Designated Facility Name and Site Address
American Recyclers Inc.
177 Wales Ave
Tonawanda, NY 14150
Facility's Phone: 716.695.6720
U.S. EPA ID Number: NYR000030809

	9. Waste Shipping Name and Description	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	
1	Non RCRA Non DOT Regulated, (Soil Cuttings)	002	DM	0300	P	
2	Non RCRA Non DOT Regulated, (Prinitng Inks)	001	DM	055	G	
3						
4						

13. Special Handling Instructions and Additional Information

ERG:	Approval #:
1 -	1 - A-6622L
2 -	2 - D-874IN
3 -	3 -
4 -	4 -

Handling Codes:
1 - None
2 - None
3 -
4 -

24 Hour Emergency Contact:
INFOTRAC (Caller Must ID
ESG)

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

Generator's/Offeror's Printed/Typed Name: Mark Howard
Signature: Mark Howard
Month: 01 Day: 14 Year: 14

INT'L

15. International Shipments ☐ Import to U.S. ☐ Export from U.S. Port of entry/exit:
Transporter Signature (for exports only): Date leaving U.S.:

TRANSPORTER

16. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Sean P. Winter
Signature: Sean P. Winter
Month: 01 Day: 14 Year: 14

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

17. Discrepancy

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

Manifest Reference Number:

17b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

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

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

Printed/Typed Name: Julian Mastropoll
Signature
Month: 01 Day: 17 Year: 14

DESIGNATED FACILITY TO GENERATOR

ARC American RECYCLERS COMPANY

177 Wales Ave., Tonawanda, NY, 14150
NYR 000 030 809

CERTIFICATE OF DISPOSAL for:

Syracuse Label
110 Luther Ave., Liverpool, NY 13088
EPA ID # NYD042350751

MANIFEST NUMBER: 15145

TYPE	QUANTITY	APPROVAL NUMBER
Soil Cuttings	2 Drums	A-6622L

THIS IS TO CERTIFY THAT THE ABOVE DESCRIBED WASTE HAS BEEN DISPOSED OF IN ACCORDANCE TO FEDERAL, STATE, AND LOCAL LAWS.

SIGNED: _____ **DATE:** 01/14/14

Julian Mastropoll
Facility Manager

GHD Inc

One Remington Park Drive

Cazenovia NY 13035

T: 1 315 679 5800 F: 1 315 679 5801 E: cazmail@ghd.com

G:\86\14941\PRRs\PRR - March 17, 2014 to March 17, 2015\DRAFT PRR - March 17, 2014 - March 17, 2015.docx

Document Status

Rev No.	Author	Reviewer		Approved for Issue		
		Name	Signature	Name	Signature	Date

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