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Periodic Review Report for Period 2018-2023

Containment Structure Site #734048

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1. Introduction

This Periodic Review Report (PRR) summarizes monitoring activities for the period 2018 through 2023 conducted by Conklin Limited associated with the Containment Structure Site #734048 (Site). In accordance with the NYSDEC approved Operation and Maintenance (O&M) Manual (O'Brien & Gere (OBG) 1994), annual monitoring and reporting associated with the Containment Structure Site ended in 2017 and is now on a 5-year frequency. 2023 represents the 30th year of the 30-year post-closure monitoring and the first 5-year Periodic Review reporting period (January 7, 2018 to December 1, 2023). Consistent with previously submitted PRRs, this PRR includes data collected since 1994. Water elevation and quality monitoring was conducted in November 2023. An Institutional and Engineering Controls (IC/EC) Certification Form associated with this PRR is provided in **Appendix A**.

Based on review of the 2023 monitoring data, the Containment Structure appears to be functioning appropriately and in accordance with elements provided in the Response Action Plan (RAP) (OBG 1998) except for the leachate collection system as monitored by the leachate collection sumps (LCSs). The November 2023 data indicated that leachate levels in leachate collection sumps were above the corrective action level specified in the RAP. The leachate collection pumps have not been operated since 2017.

Analytical results for samples collected during November 2023 from the LCSs, leachate detection sumps (LDSs), and monitoring wells indicate that detected constituents are consistent with historic data and the detected concentrations are among the lowest to date. The pavement surface above the Containment Structure is intact showing small cracks but overall appears structurally sound. Some asphalt resurfacing in areas of the Containment Structure was completed.

2. Site Overview

The Containment Structure Site #734048, constructed in 1990, is located in the western portion of the Carousel Center, now branded as DestiNY USA, in the City of Syracuse, Onondaga County, New York, below a bituminous concrete parking area. A Site Location map is provided as **Figure 1**. Carousel Center is generally bounded by Hiawatha Boulevard to the south, Onondaga Lake to the north, Interstate Route 81 to the east, and the New York State Barge Canal to the west.

2.1 Site History

The local area that contains the Site was originally a salt marsh. Saline groundwater reportedly discharged to the marsh and formed salt springs. This natural feature was exploited for salt production as early as the mid-1600's. Salt production became Syracuse's largest industry in the early 1800's, although salt production had declined dramatically by the end of the 19th century. Maps dated 1892 and 1908 show that the area including the Site was being used for salt production until it was discontinued circa 1910.

Around the turn of the 20th century, disposal of inert fill such as construction debris was initiated at the Site. According to historical maps, the Allied Corporation disposed of Solvay Process Company materials on the Site from 1907 to 1910. Solvay Process materials are a mixture of calcium carbonate, calcium chloride, and calcium oxide. The Site was gradually reclaimed by fill operations to the grade that existed prior to salt production operations.

2.2 Remedial History

Conklin Limited acquired property located at West Hiawatha Boulevard, Syracuse, New York that was owned by Clark Concrete Co., Inc. (i.e., the "Clark Site"). Environmental sampling and analysis of soils and groundwater, connected with the development of Carousel Center, identified elevated concentrations of VOCs at the Clark Site. Conklin Limited voluntarily undertook to investigate and remediate the Clark Site, and an Approved Interim Remedial Plan (IRP) was completed in March of 1990. The IRP included dewatering, excavation and removal of VOC contaminated soils from the Clark Site, and placement of the material in a Containment Structure to be located beneath the parking lot for the shopping center.

The Containment Structure received nearly 60,000 cubic yards of VOC-impacted soils excavated from the Clark Site and portions of the Hess-1 and Buckeye properties.

An Operations and Maintenance (O&M) Manual was prepared for the Clark Site in accordance with Agreement and Determination No. A7-0163-88-12 and Agreement and Determination No. A7-0224-90-02 between Conklin Limited and the NYSDEC for remediation of the Inactive Hazardous Waste Site No. 734048 (Clark Site). These agreements required Conklin Limited to perform a Remedial Investigation/Feasibility Study (RI/FS) and an Interim Remedial Measure (IRM), respectively, at the Clark Site. The IRM was performed during the spring and summer of 1990, and on December 3, 1990, an IRM report and Supplemental Remedial Investigation Study Report were submitted to the NYSDEC. The Supplemental Remedial Investigation was accepted and approved by the NYSDEC on January 14, 1991. The IRM Report was accepted and approved by the NYSDEC on March 14, 1991. The Feasibility Study was submitted to the NYSDEC in April 1991. The Feasibility Study was performed in a manner consistent with the National Contingency

Plan and concluded that the preferred remediation alternative was Alternative No. 2 – Groundwater Management/Leachate Site Monitoring with completed Interim Remedial Measures. The NYSDEC adopted the Final Record of Decision (ROD) approving Alternative No. 2 on or about March 24, 1994. The O&M Manual, as approved by the NYSDEC, was implemented as part of Alternative No. 2.

The O&M Manual is a post-closure document that provides guidelines and procedures for operation and maintenance of Containment Structure #734048. Work tasks for the 30-year closure period described in the O&M Manual were commenced in 1994. The Containment Structure continues to be operated in accordance with the approved O&M Manual.

2.3 Containment Structure

The Containment Structure was constructed of an earthen berm ranging from approximately 16.5 to 21.0 feet in height. The bottom and sides of the interior of the berm were double-lined with 60 mil high density polyethylene (HDPE) liners.

The primary liner was overlain with a combination of sand, crushed stone and geotextile filter fabric layers to facilitate leachate collection and management of the leachate generated from the soils impacted by VOCs. The secondary cover consisted of an HDPE liner underlain with stone dust and covered by stone dust, sand, gravel, and a bituminous concrete surface. An intermediate layer of geonet was installed as the drainage layer for the leak detection system between the liners.

Additional information regarding Site remedial work, Containment Structure construction, and project implementation is provided in the Interim Remedial Measure Report Site #734048 (Volumes 1 through 5) dated November 1990 that was approved by the NYSDEC on March 14, 1991.

Perforated pipes within the Containment Structure direct leachate by gravity towards five LCSs. Leak detection sumps (LDSs) are located adjacent to each of the LCSs. Originally there were four groundwater MWs installed around the perimeter of the Containment Structure to evaluate groundwater level and quality outside the limits of the Containment Structure. An additional MW (MW-5) was installed during the 1997 reporting period at the request of the NYSDEC to better evaluate system performance. A Site Plan that includes the locations of the Containment Structure, LCSs, LDSs, and groundwater monitoring wells is provided as **Figure 2**.

As shown on **Figure 2**, the Containment Structure was constructed in two sections separated by an interior berm. Three of the five LCSs (LCS 1, 2 and 3) collect leachate from the western cell and the other two LCSs (LCS 4 and 5) collect leachate from the eastern cell.

2.3.1 Leachate Collection System

The five LCSs located within the interior of the Containment Structure are equipped with sumps that include the following features:

- concrete manholes that extend vertically from approximately 4-feet below the Containment Structure bottom to finished grade
- standard manhole steps
- solid 24-inch diameter cast iron covers

The grading of the Containment Structure bottom and the 6-inch diameter perforated drain piping installed at the interior perimeter of the Containment Structure direct leachate to the LCSs. Leachate entering the LCSs is removed automatically by a submersible pump located within each sump. The pumps discharge leachate to a holding tank via two networks of 2-inch HDPE piping. The holding tank is emptied by Site personnel when observed full. The contents are disposed of at a licensed hazardous waste disposal facility.

2.3.2 Leak Detection System

An LDS consisting of a perforated concrete vault is located adjacent to each LCS to receive leachate that penetrates the primary liner or water that enters from external sources. Drainage net between the primary and secondary 60 mil HDPE liners provides the medium through which water is conveyed to LDSs.

A 2-inch diameter pipe that extends from the pavement surface down to each sump allows access for gauging and water removal. Upon detection during monitoring, water is pumped and metered to the adjacent LCS and then automatically pumped to the holding tank for storage and disposal.

2.3.3 Groundwater Monitoring System

As illustrated on **Figure 2**, five groundwater monitoring wells are located outside of the Containment Structure: MW-1, MW-2, MW-3, and MW-5 on the Onondaga Lake side of the structure, and MW-4 on the Carousel Center side.

The monitoring wells are constructed of 2-inch diameter PVC piping. Rim elevations of MW-1 through MW-4 were surveyed in 1994 at the time of installation. The rim elevation of MW-5 was surveyed in 1997 and rim elevations of MW-1 through MW-4 were also re-surveyed. Rim elevations of MW-1 through MW-5 were re-surveyed in 2004 and in 2011.

The O&M Manual specifies re-surveying of LCSs, LDSs, and monitoring wells on a recurring 5-year basis. The most recent survey was performed in 2011.

3. Evaluate Remedy Performance, Effectiveness and Protectiveness

The O&M Manual establishes appropriate procedures for data and sample collection, compilation of results (**Tables 6-1** and **6-2** in Section 6, **Tables B-1 through B-5** in **Appendix B**, and **Tables C-1 through C-6** of **Appendix C**), and analysis of results. Sampling results are compared to corrective action criteria provided in the RAP.

3.1 Observations

- VOCs were not detected in water samples collected from leachate collection sumps LCS-1, LCS-2, and LCS-5 during November 2023. 1,1-Dichloroethane (1,1-DCA) was the only VOC constituent detected in LCS-3 and LCS-4. 1,1-DCA concentrations detected in LCS-3 and LCS-4 were 2.1 µg/L and 7.4 µg/L, respectively. As shown on the tables in Appendix C, these concentrations are the lowest detected to date.
- Water samples were collected from leak detection system wells LDS-2, LDS-3, and LDS-5 during November 2023. LDS-1 and LDS-4 were dry at the time of sampling. VOCs were not detected in water samples collected from LDS-3 or LDS-5 during November 2023. Chloroethane and 1,1-DCA were detected in the water sample collected from LDS-2 at concentrations of 15 µg/L and 5.5 µg/L, respectively. As shown on the tables in **Appendix C**, the chloroethane concentration is within the range of concentrations detected historically and the 1,1-DCA concentration is the lowest detected to date.
- Consistent with groundwater sample analytical data dating from circa 2006 to November 2023, VOCs were not detected in groundwater samples collected from perimeter monitoring wells MW-2, MW-3, MW-4, or MW-5. Consistent with groundwater analytical data collected since August 2005, trichloroethene (TCE) was the only VOC constituent detected in MW-1. TCE was detected at a concentration of 7.2 µg/L at MW-1, which is relatively consistent with concentrations dating back to 2005.
- Samples from the LCSs and LDSs continue to contain different constituents compared to samples from groundwater monitoring wells, indicating that there does not appear to be a hydrologic connection between Containment Structure and local groundwater. Based on data collected to date, the Containment Structure continues to function as designed.
- Leachate continues to enter the leachate collection system. The height of leachate in the LCSs were above the action level established in the RAP.
- Water continues to drain to the LDSs where it is removed during the monitoring events. The continued presence of water in this layer may be due to water between the liners during Containment Structure construction, seepage, and/or minor breaks in the primary liner. The secondary liner appears to be performing its design function of containing water and directing it to the LDSs. The measured water levels from the LDSs do not prompt corrective action per the RAP.
- Some minor cracks in the pavement have been observed over the Containment Structure during the 2023 site observation and some asphalt resurfacing and pothole repair has been performed. An approximate 100-ft by 30-ft section of roadway over a portion of the containment cell has been repaved. The bituminous concrete surface cap over the Containment Structure continues to promote runoff and minimize infiltration of rainfall. The landscaped areas were observed to be maintained with new mulch and plantings.

- Air quality, measured in terms of Lower Explosive Limit (LEL), hydrogen sulfide (H_2S), and oxygen content (O_2), has been within acceptable levels within the LCS and LDS access points.

3.2 Recommendations

Monitoring and inspection operations at the Site should continue.

4. IC/EC Plan Compliance Report

Not applicable. The substantive components of the same are incorporated in other sections of this report.

5. Monitoring Plan Compliance Report

Not applicable. The substantive components of the same are incorporated in other sections of this report.

6. Operation & Maintenance (O&M) Plan Compliance Report

This section summarizes monitoring activities associated with the Containment Structure Site #734048 conducted from 1994 through 2023. Annual Reports have been submitted to the NYSDEC since 1994. Five Year Review Reports were submitted in May 1999, April 2004, March 2009. The first annual PRR summarizing the monitoring activities from 2009 was submitted to the NYSDEC in March 2010. Annual PRRs summarizing monitoring activities from 2010 through 2017 were also submitted to the NYSDEC. Information provided within the Annual Reports, Five Year Review Reports, and PRRs includes the following:

- water surface elevations within the LCSs
- quantity of leachate removed from the LCSs
- quality of water from the LCSs based on laboratory analysis
- water surface elevations within the LDSs
- quantity of water collected from the LDSs
- quality of water from the LDSs based on laboratory analysis
- groundwater elevations
- quality of water within the groundwater MWs based on laboratory analysis
- general Site observations including visual assessment of the final bituminous concrete cover
- surface water drainage system inspection
- hazardous waste manifests
- air quality records

Information contained in these reports was provided by the Owner's Site monitors. The Site monitors have completed the 40-hour Occupational Safety and Health Administration (OSHA) Course in Hazardous Waste Site Operation Safety training and annual 8-hour refresher courses. Documentation of their Health and Safety at Hazardous Waste Operations Course is provided in **Appendix D**.

Data summaries from the 30-year monitoring period are provided in **Tables 6-1 and 6-2**, **Tables B-1 through B-5** in **Appendix B**, and **Tables C-1 through C-6** in **Appendix C**. Monitoring results are compared to criteria in the RAP that were established as action levels indicative of potential failure(s) of the Containment Structure systems. Specifically, the RAP established the following:

- water levels that represent indicators of potential system malfunction
- protocols to identify and abate potential malfunctions
- procedures to be taken to minimize environmental impacts and human health risks.

6.1 Leachate Collection System

6.1.1 LCS Monitoring and Sampling

Between 1994 through 2017, the five LCSs had been monitored on an annual frequency and subsequently on a 5-year frequency beginning in 2023. Monitoring activities include:

- measurements from finished grade to water surface using a water level indicator
- collection and laboratory analysis of leachate samples
- notation of field observations.

The LCS Field Logs for the 2023 monitoring year are provided as **Appendix E**.

6.1.2 LCS Water Measurements

The rim and invert elevations of the LCSs are provided in **Table B-1** of **Appendix B**. For the years 1999 through 2010, rim and invert elevations reflect information obtained by surveys performed by C.T. Male on July 21, 1997 and April 1, 2004. Rim and invert elevations for 2011 through 2017 reflect the August 29, 2011 C.T. Male survey information.

Rim and invert elevations are used to calculate water elevation and depth of water (water level) within the LCSs that are provided in **Tables B-2** and **B-3** in **Appendix B**, respectively, for each year since 1994. Leachate has been observed within the LCSs throughout the monitoring period. When the system is operating, leachate is automatically removed from the individual LCSs by pumps equipped with float switches. As shown in **Table B-3**, the height of leachate recorded in November 2023 in the LCSs were above the corrective action level of 1.5 ft.

6.1.3 LCS Air Quality

Air quality measurements have been conducted on an instantaneous basis during monitoring events for LEL, H2S and O2 for health and safety and reporting purposes. Measurements near the access cover to the sump have consistently been as follows since 1994:

- LEL readings of 0%
- H2S readings of 0%
- O2 levels at or near 20.5%

6.1.4 LCS Sampling and Laboratory Analysis

Since 1994, samples have been collected pursuant to the O&M Manual from each of the five LCSs. Samples have been delivered to Certified Environmental Services, Inc. (CES) for analysis of VOC content using United States Environmental Protection Agency (USEPA) Method 601/602 (updated to 624/625). The samples were ultimately analyzed by Life Science Laboratories, Inc. (LSL) due to CES's instrumentation being down at the time of sample receipt.

Compounds detected above the laboratory detection limits within the individual LCS samples since 1994 are summarized in **Tables C-1** through **C-5** in **Appendix C**. Laboratory reports from 1994 through 2017 have been submitted in past years in accordance with the O&M Manual. Laboratory reports for the 2023 sampling event are provided in **Appendix F**. VOCs were not detected in water samples collected from leachate collection sumps LCS-1, LCS-2, and LCS-5 during November 2023. 1,1-Dichloroethane (1,1-DCA) was the only VOC constituent detected in

LCS-3 and LCS-4. 1,1-DCA concentrations detected in LCS-3 and LCS-4 were 2.1 µg/L and 7.4 µg/L, respectively. As shown on the tables in Appendix C, these concentrations are the lowest detected to date.

6.1.5 Leachate Removal Quantities

Automatic submersible pumps installed within the five LCSs transfer leachate through two piping networks to a holding tank located on-Site. **Table 6-1** indicates the volume of leachate collected annually between 1994 and 2017, as well as the estimated volume prior to automatic pump operation.

Table 6-1. Quantity of leachate collected from leachate collection sumps

Dates	Leachate Collected (Gallons)	Annual Recovery (year) (gallons)
10/90 to 1/94	171,000[1]	
Period 2/94 to 6/94[2]	20,000	
Period 7/94 to 9/94	23,903	
Period 10/94 to 12/94	10,000	53,900 (1994)
Period 1/95	1,601	
Period 2/95 - 12/95	10,050	11,651 (1995)
Period 1/96 - 12/96	14, 508	14,508 (1996)
Period 1/97 - 12/97	5,055	5,055 (1997)
Period 1/98 - 12/98	11,957	11,957 (1998)
Period 1/99 – 12/99	20,250	20,250 (1999)
Period 1/00 - 12/00	15,270	15,270 (2000)
Period 1/01 - 12/01	12,910	12,910 (2001)
Period 1/02 - 12/02	12,495	12,495 (2002)
Period 1/03 - 12/03	17,020	17,020 (2003)
Period 1/04 – 12/04	16,850	16,850 (2004)
Period 1/05 – 12/05	14,700	14,700 (2005)
Period 1/06 – 12/06	15,350	15,350 (2006)
Period 1/07 – 12/07	16,458	16,458 (2007)
Period 1/08 – 12/08	10,394	10,394 (2008)
Period 1/09 – 12/09	10,406	10,406 (2009)
Period 1/10 – 12/10	11,440	11,440 (2010)

Dates	Leachate Collected (Gallons)	Annual Recovery (year) (gallons)
Period 1/11 – 12/11	18,846	18,846 (2011)
Period 1/12 – 12/12	13,183	13,183 (2012)
Period 1/13 – 12/13	18,542	18,542 (2013)
Period 1/14 – 12/14	12,110	12,110 (2014)
Period 1/15 – 12/15	15,950	15,950 (2015)
Period 1/16 – 12/16	12,767	12,767 (2016)
Period 1/17 – 12/17[3]	13,184	13,184 (2017)

(1) Estimated based on review of available records

(2) Automatic pumping initiated

(3) Leachate collection pumps have not operated since 2017

The leachate collection pumps are not individually metered. Therefore, leachate collected during the annual reporting periods was metered when removed from the temporary storage tank. As shown in **Table 6-1**, the annual recovery quantities between 1995 and 2017 were less than the response action volume of 20,800 gallons specified in the RAP.

6.2 Leak Detection System

6.2.1 LDS Monitoring and Sampling

The five LDSs have been monitored on an annual basis since 1994. Specific activities include:

- measurements from finished grade to water surface using a water level indicator
- monitoring of air quality with a Drager MultiPac, Industrial Science M40, or MultiRae Plus air monitoring device
- collection and laboratory analysis of LDS water samples
- recording of quantities of water pumped to adjacent LCSs
- notation of field observations

LDS Field Logs from 1994 through 2017 have been submitted in past years in accordance with the O&M Manual. The LDS Field Logs for the 2023 monitoring year are provided as **Appendix G**.

6.2.2 LDS Water Measurements

The rim and invert elevations of the LDSs are provided in **Table B-1** in **Appendix B**. For the years 1999 through 2010, rim and invert elevations reflect information obtained by surveys performed by C.T. Male on July 21, 1997 and April 1, 2004. Rim and invert elevations for 2011 through 2022 reflect the August 29, 2011 C.T. Male survey information.

Depths to water within the individual LDSs were measured each year since 1994 and are indicated in **Table B-2** in **Appendix B**. Calculated water elevations also appear in **Table B-2**. **Table B-2** indicates that, based on information provided by the Site monitor, water levels in 2023 were below corrective action levels identified in the RAP in each LDS. This indicates that the leak detection system continues to function as designed.

6.2.3 LDS Air Quality

Air quality measurements were conducted on an instantaneous basis during monitoring events for LEL, H_2S and O_2 for health and safety and reporting purposes. From 1994 through 2022, measurements near the access cover to the sump have consistently been as follows:

- LEL readings of 0%
- H_2S readings of 0%
- O_2 levels at or near 20.3%

6.2.4 LDS Sampling and Laboratory Analysis

Samples were collected pursuant to the O&M Manual from each of the LDSs where water was present since 1994. Samples were collected from LDS-2, LDS-3, and LDS-5 during November 2023. LDS-1 and LDS-4 were dry at the time of sampling. Samples collected from LDS-2, LDS-3, and LDS-4 were delivered to CES for analysis of VOC content using USEPA Method 601/602 (updated to 624/625). The samples were ultimately analyzed by LSL due to CES's instrumentation being down at the time of sample receipt.

Compounds detected above the laboratory detection limits within the individual LDS samples since 1994 are summarized in **Appendix C**. VOCs were not detected in water samples collected from leak detection wells LDS-3 or LDS-5 during November 2023. Chloroethane and 1,1-DCA were detected in the water sample collected from LDS-2 at concentrations of 15 µg/L and 5.5 µg/L, respectively. As shown on the tables in **Appendix C**, the chloroethane concentration is within the range of concentrations detected historically and the 1,1-DCA concentration is the lowest detected to date.

Laboratory reports from the 1994 through 2017 sampling events have been submitted in past years in accordance with the O&M Manual. Laboratory reports for the 2023 sampling event are provided in **Appendix F**.

6.2.5 Water Removal Quantities

Water was removed by pumping water from each of the LDSs to the respective LCSs during inspections. Metered flow quantities from the LDSs from 1994 through 2017 are indicated in **Table 6-2**.

Table 6-2. Leak detection sump water removal (gals)

Date (Month/Year)	LDS-1	LDS-2	LDS-3	LDS-4	LDS-5	TOTAL
4/94	610	1240	720	1575	1670	6815
5/94	1290	930	265	1075	295	3855
6/94	600	575	85	800	160	2220
7/94	600	750	200	500	645	2695
8/94	75	400	200	400	227	1320
9/94	390	800	230	500	180	2100
10/94	125	500	200	350	125	1300
11/94	100	600	250	400	150	1500
12/94	100	800	250	575	125	1850
1/95	125	600	200	550	160	1635
2/95	250	NM	250	525	190	1215
3/95	200	400	1150	900	125	1775
4/95	400	600	175	925	700	2800
5/95	100	500	100	450	200	1350
6/95	200	500	100	500	300	1600
7/95	125	600	100	200	250	1275
8/95	220	800	50	75	230	1375
9/95	190	300	40	400	300	1230
10/95	450	950	50	400	500	2350
11/95	200	1000	50	800	600	2650
12/95	250	800	50	600	500	2200
3/96	650	975	75	1200	1200	4100
5/96	800	1000	175	1200	1000	4175
9/96	400	700	150	1100	550	2900
11/96	800	1000	600	1050	800	4250

Date (Month/Year)	LDS-1	LDS-2	LDS-3	LDS-4	LDS-5	TOTAL
3/97	800	850	800	1000	900	4350
6/97	500	1000	200	1300	1000	4000
8/97	450	800	150	1100	950	3450
12/97	650	800	500	1000	900	3850
3/98	900	800	50	1400	1525	4675
6/98	500	950	100	1400	600	3550
9/98	600	900	100	1075	550	3225
12/98	500	950	125	1000	700	3275
6/99	550	700	100	1000	1500	3850
3/00	650	800	75	1000	700	3225
6/00	480	650	75	800	1200	3205
8/00	600	800	150	800	1000	3350
4/01	600	900	90	950	650	3190
8/01	700	650	75	875	800	3100
5/02	575	600	80	800	700	2755
10/02	500	1000	150	1200	1000	3850
10/03	600	800	180	0	0	1580
11/03	0	0	0	1000	800	1800
10/04	700	500	200	750	800	2950
10/05	900	580	220	800	1400	3900
10/06	700	400	150	600	800	2650
9/07	400	500	200	450	600	2150
8/08	500	350	100	400	500	1850
9/09	450	400	250	400	475	1975
9/10	100	150	150	200	350	950
10/11	150	100	0	250	150	650
9/12	0	300	0	400	500	1200
9/13	0	700	0	150	800	1650

Date (Month/Year)	LDS-1	LDS-2	LDS-3	LDS-4	LDS-5	TOTAL
9/14	0	500	0	400	600	1500
9/15	0	800	0	500	950	2250
9/16	0	550	0	100	600	1250
10/17	0	300	0	100	300	700
11/23	0	2.5	4.2	0	5.5	12.2

6.3 Groundwater Monitoring System

6.3.1 Groundwater Monitoring

For the years 1999 through 2010, rim and invert elevations reflect information obtained by surveys performed by C.T. Male on July 21, 1997 and April 1, 2004. Rim and invert elevations for 2011 through 2022 reflect the August 29, 2011 C.T. Male survey information and are provided in **Table B-4** provided in **Appendix B**. Depth to water in the five groundwater MWs were gauged during monitoring events using a water level indicator. Results for 2023 are provided on Groundwater Monitoring Field Logs provided in **Appendix H**. Depth to water measurements and water level calculations since 1994 are summarized in **Table B-5** provided in **Appendix B**.

Based on data from past monitoring events, groundwater flow direction generally occurs in a westerly direction towards Onondaga Lake and the Barge Canal. The groundwater elevations fluctuate year-to-year, and the 2023 groundwater elevations are within the historical range (**Figure 3**).

6.3.2 Groundwater Sampling and Laboratory Analysis

Groundwater samples were collected pursuant to the O&M Manual from MW-1 through MW-4 since 1994 and from MW-5 since 1997. Samples were delivered to CES for analysis of VOC content using USEPA Method 601/602 (updated to 624/625). The samples were ultimately analyzed by LSL due to CES's instrumentation being down at the time of sample receipt.

Compounds detected above laboratory detection limits within the individual MWs since 1994 are summarized in **Table C-6** provided in **Appendix C**. In 2023, no constituents were detected in MW-2, MW-3, MW-4, or MW-5. No constituents have been detected in MW-2, MW-3, MW-4, and MW-5 since 2006, 1996, 2006, and 2008, respectively. Consistent with groundwater analytical data collected since August 2005, trichloroethene (TCE) was the only VOC constituent detected in MW-1. TCE was detected at a concentration of 7.2 µg/L at MW-1, which is relatively consistent with concentrations dating back to 2005.

Laboratory reports from the 1994 through 2017 sampling events have been submitted in past years in accordance with the O&M Manual. Laboratory reports for 2023 are provided in **Appendix F**.

6.4 Site Observations

6.4.1 Site Conditions

Visual observations of the bituminous concrete pavement and landscaped areas over and adjacent to the Containment Structure have been performed since 1994. The Site Observation Form (Form 4) for the 2023 monitoring and inspection event is provided in **Appendix I**. The inspection conducted in 2023 indicates that the pavement surface above the Containment Structure overall appears to be structurally sound and intact but is showing some small cracks. Some asphalt resurfacing in areas of the Containment Structure was completed. Landscaped areas were intact with no observed sink holes.

6.4.2 Surface Water Drainage

Surface cover over the Containment Structure is bituminous concrete pavement. Rainfall and snow melt runoff are directed overland via positive grading to a separate stormwater drainage system consisting of catch basins and underground storm drains. The locations of these catch basins and storm drains are illustrated in the O&M Manual.

Dry weather inspection of the storm drainage facilities has been performed since 1994. The purpose of the inspections is to document the presence or absence of flow and the need for system cleaning. Copies of the Storm Drainage Facilities Reports from the 1994 through 2017 have been submitted in past years in accordance with the O&M Manual. A copy of the Storm Drainage Facilities Report for 2023 is provided in **Appendix J**.

In 2023, minor accumulations of water and sediment deposits were recorded in the catch basin sumps during the inspection; however, no impacts to the Containment Structure or operation of the storm drainage facility were identified.

6.5 O&M Conclusions

The following summarize results and observations based on the O&M activities for the period 2019 to 2023:

- The height of leachate in the LCSs were above the corrective action level of 1.5 ft.
- Consistent with historic data, water elevations were below corrective action levels identified in the RAP in the LDSs, indicating that the leak detection system continues to function as designed.
- Analytical results for samples collected during November 2023 from the LCSs, leachate detection sumps (LDSs), and monitoring wells continue to indicate that few VOC constituents are detected, and when detected, concentrations are relatively low.
- Based on the monitoring data, 1,1-DCA continues to be the predominant constituent detected in the LCSs and/or LDSs and at some of the lowest concentrations to date. No constituents have been detected in groundwater monitoring wells MW-2, MW-3, MW-4, and MW-5 since 2006, 1996, 2006, and 2008, respectively. Consistent with groundwater analytical data collected since August 2005, trichloroethene (TCE) was the only VOC constituent detected in MW-1 and its concentration has been relatively consistent with concentrations dating back to 2005.
- Consistent with historic data, sample analytical data from the LCSs and LDSs continue to contain different constituents, at variable concentrations compared to sample analytical data

from the groundwater monitoring wells. As such, there does not appear to be a hydrologic connection between the containment system and local groundwater.

- No major pavement disturbances have been reported over the Containment Structure although some small cracking has been observed. Overall, the surface cap appears intact and structurally sound and continues to promote runoff and minimize infiltration of rainfall to the Containment Structure.
- Air quality, measured in terms of LEL, O_2, and H_2S, has been within acceptable levels within the LCSs and LDS access points.

6.6 O&M Recommendations

As indicated previously, 2023 represents the final year of the established 30-year monitoring period for the Containment Structure Site. As such, Conklin Limited is proposing that future monitoring requirements be conducted in accordance with a newly developed Site Management Plan (SMP) to replace the current O&M Plan and RAP. It is proposed that the SMP be submitted to NYSDEC by March 31, 2024. Current requirements under the existing O&M Plan to be retained in the newly developed SMP will include the following:

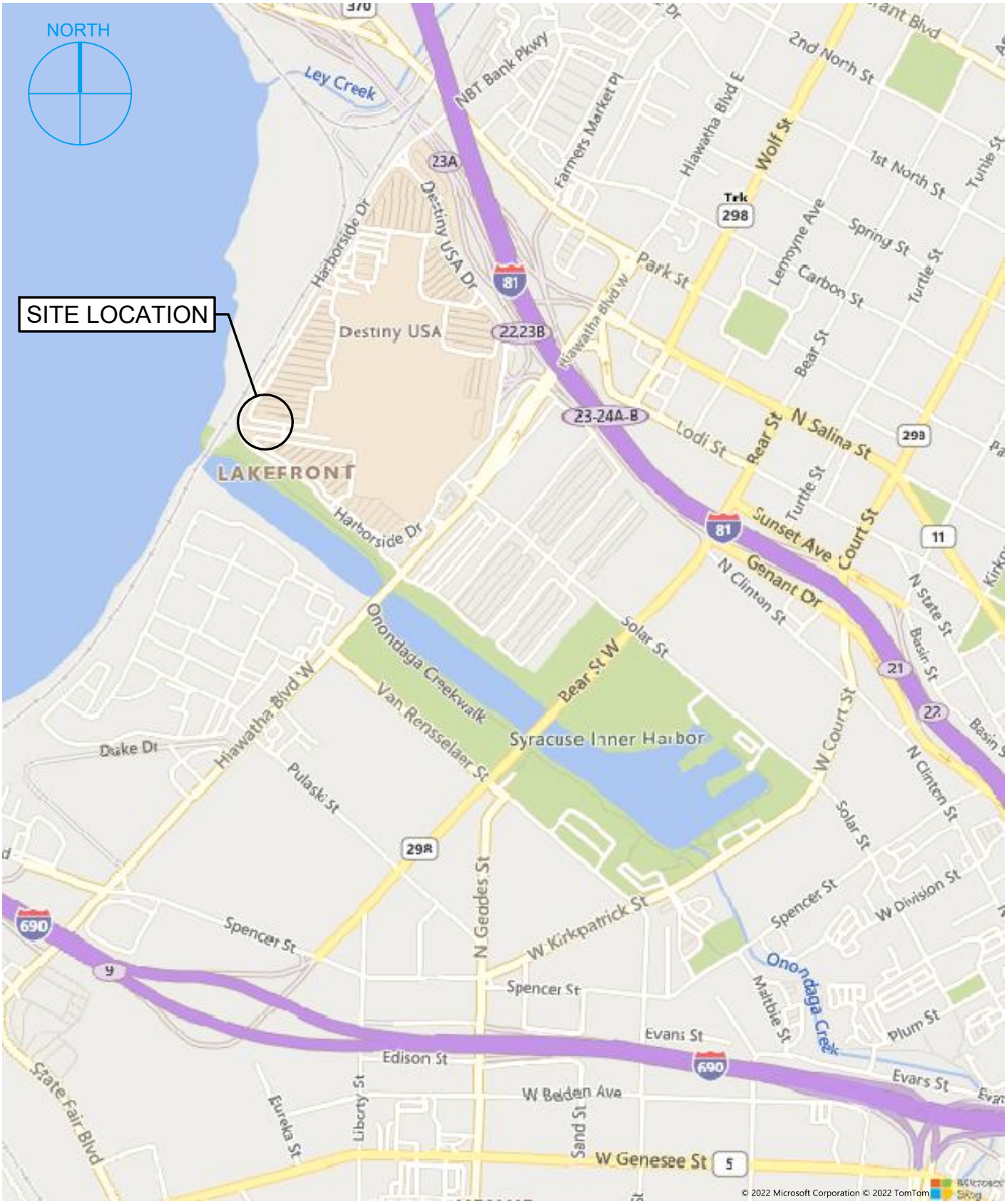
- Water level monitoring of the LCSs, LDSs, and monitoring wells
- Collection and analysis of samples collected from the LCSs, LDSs, and monitoring wells
- Inspections of general site conditions and surface water drainage facilities
- Re-surveying of LCS and LDS rims and inverts every five years beginning in 2024.
- Preparation and submittal of PRRs

7. References

O'Brien & Gere. October 1998. *Response Action Plan Containment Structure Site 734048*. Prepared for Conklin Limited, Syracuse, New York.

O'Brien & Gere. February 1994. *Operation and Maintenance Manual Containment Structure Site 734048*.

FIGURES



1000' 0 1000'

SITE LOCATION

CONKLIN LIMITED
SITE #734048
CONTAINMENT STRUCTURE
2018-2022 PERIODIC REVIEW REPORT

HIAWATHA BOULEVARD
SYRACUSE, NEW YORK

FIGURE 1

JANUARY 2023

RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

I:\Carousel-Ctr-Co.6443\60578.Containment-Str\Docs\DWG\Sheets\60578-Fig.1_2023.dwg
DATED: 1/5/2023 12:19 PM DESIGNER: KENTDO
PROJECT: 6443.60578

NORTH

WATER TREATMENT AREA

SHED

GATE

48" PIPE

TO STORAGE TANK

MW-1 (3.63)

MW-2 (3.77)

MW-3 (3.87)

MW-4 (5.21)

MW-5 (3.87)

2"Ø HDPE Pipe

6"Ø

LCS-1 LDS-1

LCS-2 LDS-2

LCS-3 LDS-3

LCS-4 LDS-4

LCS-5 LDS-5

WV

6½"Ø

APPROXIMATE GROUNDWATER FLOW DIRECTION

2"Ø HDPE Leachate Transmission Pipe and 2"Ø Electric Conduit (typ.)

Ø.9

NEW YORK STATE BARGE CANAL

CAROUSEL CENTER

NOTE: GROUNDWATER ELEVATIONS BASED ON NOVEMBER 2023 DATA.

LEGEND

- MW-1 (3.63) — MONITORING WELL & GW ELEVATION (FT.)
- LCS-4 — LEACHATE COLLECTION SUMP
- LDS-4 — LEAK DETECTION SUMP
- APPROXIMATE CELL LIMITS
- 6"Ø — PERFORATED LEACHATE COLLECTION PIPE
- 2"Ø HDPE Pipe — LEACHATE SUMP DISCHARGE PIPE
- 18 — EXISTING SURFACE CONTOUR

60' 0 60'

GENERAL SITE PLAN

CONKLIN LIMITED
SITE #734048
CONTAINMENT STRUCTURE
2018-2023 PERIODIC REVIEW REPORT

HIAWATHA BOULEVARD
SYRACUSE, NEW YORK
NOVEMBER 2023

FIGURE 2

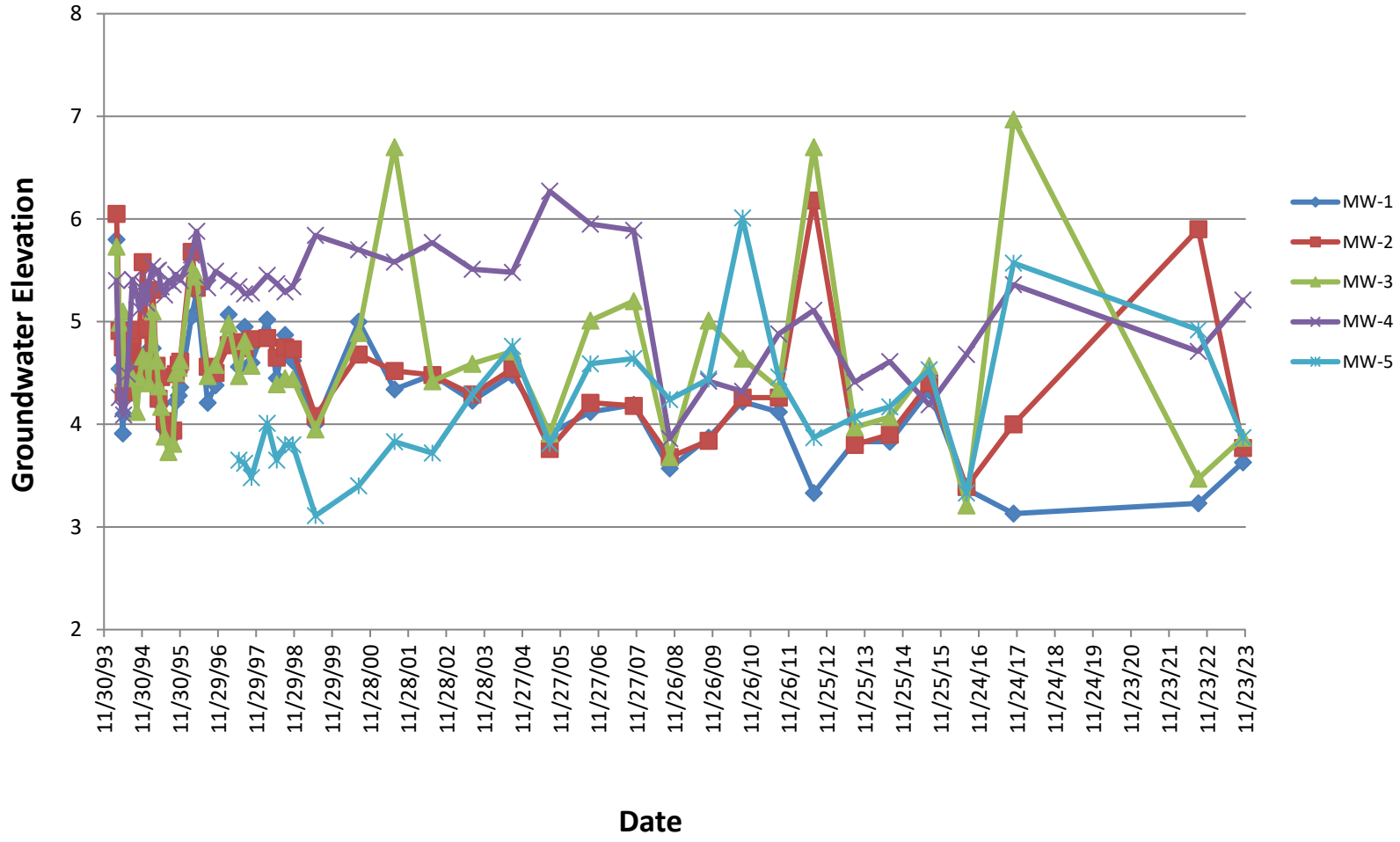
RAMBOLL AMERICAS
ENGINEERING SOLUTIONS, INC.
A RAMBOLL COMPANY

RAMBOLL

PROJECT: 6443.60578 DATED: 1/20/2023 10:02 AM DESIGNER: KENTDO

FIGURE 3

CONKLIN LIMITED
SITE #734048
CONTAINMENT STRUCTURE
PERIODIC REVIEW REPORT
MONITORING WELL WATER ELEVATIONS



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. **734048**

Site Name Clark Property

Site Address: 372 West Hiawatha Boulevard Zip Code: 13208
City/Town: Syracuse
County: Onondaga
Site Acreage: 5.360

Reporting Period: January 07, 2018 to December 1, 2023

	YES	NO
1. Is the information above correct?	X	☐
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?	☐	X
3. Has there been any change of use at the site during this Reporting Period (see 6NYCRR 375-1.11(d))?	☐	X
4. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	X
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?	☐	X

Box 2

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

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

11/29/23
Date

SITE NO. 734048

Box 3

Description of Institutional Controls

Parcel	Owner	Institutional Control
114.-02-5.2	Pyramid Company of Onondaga	Site Management Plan O&M Plan

As per ROD, ongoing OM&M required for site which includes operation and maintenance of leach collection system, and monitoring observation wells, proper collection and disposal of leachate to a permitted facility. Annual OM&M report outlining reults of maintaining system and documentation of leachate disposal manifests.

Box 4

Description of Engineering Controls

Parcel	Engineering Control
114.-02-5.2	Cover System Subsurface Barriers Groundwater Containment Leachate Collection

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 Engineering Control certification;

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

YES	NO
X	☐

2. For each Engineering control listed in Box 4, I certify by checking "YES" below that all of the following statements are true:

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

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

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

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

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

YES	NO
☐	X

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

11/29/23
Date

IC CERTIFICATIONS
SITE NO. 734048

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 _____ at _____,
print name print business address

am certifying as _____(Owner or Remedial Party)

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

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

EC CERTIFICATIONS

Box 7

Professional Engineer Signature

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

I _____ at _____,
print name print business address

am certifying as a Professional Engineer for the _____
(Owner or Remedial Party)

_____	_____	_____
Signature of Professional Engineer, for the Owner or Remedial Party, Rendering Certification	Stamp (Required for PE)	Date

APPENDIX B

LCS, LDS, and MW Data

B-1 LCS and LDS As-built Data

B-2 Monitoring Data (LCSs and LDSs)

B-3 Depth of water in LCSs

B-4 MW As-built Data

B-5 MW Monitoring Data

Table B-1
Conklin Limited
Site #734048
As-Built Data

WELL	RIM ELEV	INV ELEV	1997 RIM ELEV	1997 INV ELEV[1]	2004 RIM ELEV[2]	2003 INV ELEV[1]	2011 RIM ELEV[3]	2011 INV ELEV[1]	WELL	RIM ELEV	INV ELEV	1997 RIM ELEV	1997 INV ELEV[1]	2004 RIM ELEV[2]	2003 INV ELEV[1]	2011 RIM ELEV[3]	2011 INV ELEV[1]
LCS-1	19.02	4.61	18.28	3.87	17.66	3.25	17.25	2.84	LDS-1	19.04	3.65	18.23	2.84	17.73	2.34	17.25	1.86
LCS-2	21.92	3.27	20.76	2.11	20.31	1.66	19.92	1.27	LDS-2	22.30	2.44	21.00	1.14	20.50	0.64	20.09	0.23
LCS-3	19.52	5.12	18.97	4.57	18.36	3.96	17.79	3.39	LDS-3	19.46	3.66	18.78	2.98	18.14	2.34	17.63	1.83
LCS-4	21.25	3.85	20.65	3.25	20.00	2.60	19.40	2.00	LDS-4	21.17	2.82	20.54	2.19	19.86	1.51	19.37	1.02
LCS-5	21.32	4.59	20.63	3.90	20.11	3.38	19.64	2.91	LDS-5	21.45	3.85	20.73	3.13	20.15	2.55	19.55	1.95

Note:
1. Invert elevation calculated by subtracting difference in rim elevations from the former invert elevation.
2. Rim elevations surveyed by C.T. Male Associates April 1, 2004.
3. Rim elevations surveyed by C.T. Male Associates August 29, 2011.
4. Data collected from 1997 through December 2002 reflect the 1997 survey information.
5. Data collected from 2003 through 2010 reflect the 2004 survey information.
6. Data collected from 2011 through 2022 reflect the 2011 survey information.
7. Elevations refer to Syracuse City Datum.

Table B-2
Conklin Limited
Site #734048
Monitoring Data

DATE[1]	LCS-1 DEPTH TO WATER[2]	WATER ELEV[3]	LDS-1 DEPTH TO WATER	WATER ELEV	LCS-2 DEPTH TO WATER	WATER ELEV	LDS-2 DEPTH TO WATER	WATER ELEV	LCS-3 DEPTH TO WATER	WATER ELEV	LDS-3 DEPTH TO WATER	WATER ELEV	LCS-4 DEPTH TO WATER	WATER ELEV	LDS-4 DEPTH TO WATER	WATER ELEV	LCS-5 DEPTH TO WATER	WATER ELEV	LDS-5 DEPTH TO WATER	WATER ELEV
02/25/94	12.91	6.11	13.89	5.15	NM	NM	NM	NM	12.45	7.07	13.51	5.95	15.35	5.90	15.88	5.29	14.61	6.71	7.67	13.78
03/31/94	12.71	6.31	13.15	5.89	18.65	3.27	NM	NM	12.44	7.08	14.55	4.91	15.35	5.90	14.29	6.88	14.59	6.73	7.64	13.81
04/27/94	12.19	6.83	12.66	6.38	14.81	7.11	15.97	6.33	12.48	7.04	13.46	6.00	15.23	6.02	14.14	7.03	14.60	6.72	13.30	8.15
05/24/94	12.09	6.93	13.41	5.63	14.51	7.41	16.61	5.69	12.41	7.11	14.66	4.80	14.96	6.29	15.52	5.65	14.25	7.07	16.83	4.62
06/21/94	13.19	5.83	13.77	5.27	15.76	6.16	16.46	5.84	13.24	6.28	14.67	4.79	15.40	5.85	15.87	5.30	14.60	6.72	17.17	4.28
07/20/94	13.69	5.33	14.01	5.03	17.04	4.88	16.78	5.52	13.42	6.10	14.77	4.69	16.08	5.17	16.26	4.91	15.49	5.83	15.94	5.51
08/11/94	14.29	4.73	15.05	3.99	17.30	4.62	17.35	4.95	13.78	5.74	14.80	4.66	16.17	5.08	16.51	4.66	16.04	5.28	16.82	4.63
09/07/94	13.91	5.11	13.98	5.06	16.32	5.60	16.69	5.61	13.79	5.73	14.69	4.77	16.40	4.85	16.48	4.69	16.11	5.21	17.02	4.43
10/13/94	13.82	5.20	14.59	4.45	17.32	4.60	16.92	5.38	13.74	5.78	14.60	4.86	16.44	4.81	16.48	4.69	16.16	5.16	17.16	4.29
11/14/94	13.72	5.30	14.56	4.48	17.65	4.27	16.79	5.51	13.73	5.79	14.31	5.15	16.41	4.84	16.04	5.13	16.02	5.30	16.83	4.62
12/14/94	13.83	5.19	14.58	4.46	17.98	3.94	16.63	5.67	13.78	5.74	14.74	4.72	16.56	4.69	15.95	5.22	16.21	5.11	16.87	4.58
01/19/95	14.19	4.83	14.04	5.00	18.01	3.91	17.10	5.20	13.81	5.71	14.66	4.80	16.46	4.79	16.03	5.14	16.21	5.11	16.71	4.74
02/18/95	14.23	4.79	14.12	4.92	18.07	3.85	NM	NM	13.79	5.73	14.28	5.18	16.40	4.85	16.24	4.93	16.17	5.15	16.79	4.66
03/13/95	14.21	4.81	14.03	5.01	18.11	3.81	16.53	5.77	14.75	4.77	14.87	4.59	16.61	4.64	14.98	6.19	16.19	5.13	16.65	4.80
04/25/95	13.96	5.06	14.05	4.99	17.98	3.94	16.96	5.34	13.91	5.61	14.81	4.65	16.98	4.27	14.87	6.30	16.36	4.96	15.39	6.06
05/08/95	14.01	5.01	15.07	3.97	17.89	4.03	17.88	4.42	14.29	5.23	16.10	3.36	16.72	4.53	17.12	4.05	16.56	4.76	16.47	4.98
06/05/95	14.10	4.92	14.42	4.62	17.98	3.94	17.38	4.92	13.79	5.73	15.13	4.33	16.77	4.48	16.04	5.13	16.47	4.85	16.56	4.89
07/21/95	14.03	4.99	14.83	4.21	18.03	3.89	17.15	5.15	13.31	6.21	15.32	4.14	16.48	4.77	16.04	5.13	16.49	4.83	16.51	4.94
08/30/95	14.00	5.02	14.25	4.79	18.05	3.87	17.35	4.95	13.79	5.73	15.44	4.02	16.51	4.74	16.02	5.15	16.35	4.97	16.64	4.81
09/26/95	14.04	4.98	14.09	4.95	18.09	3.83	16.86	5.44	13.65	5.87	15.79	3.67	16.53	4.72	16.91	4.26	16.18	5.14	16.76	4.69
10/23/95	13.91	5.11	14.02	5.02	18.32	3.60	16.43	5.87	14.13	5.39	15.62	3.84	16.45	4.80	16.29	4.88	16.22	5.10	16.14	5.31
11/27/95	13.87	5.15	14.40	4.64	17.71	4.21	15.84	6.46	13.46	6.06	15.50	3.96	16.24	5.01	14.33	6.84	16.11	5.21	14.01	7.44
12/28/95	14.01	5.01	14.12	4.92	18.08	3.84	16.70	5.60	13.92	5.60	15.73	3.73	16.48	4.77	15.50	5.67	16.26	5.06	15.97	5.48
03/13/96	13.81	5.21	13.72	5.32	16.47	5.45	16.42	5.88	12.86	6.66	15.45	4.01	16.02	5.23	14.07	7.10	15.91	5.41	13.01	8.44
05/15/96	13.92	5.10	13.44	5.60	17.38	4.54	16.37	5.93	13.68	5.84	14.76	4.70	16.40	4.85	14.07	7.10	16.23	5.09	14.81	6.64
08/27/96	13.88	5.14	13.98	5.06	17.62	4.30	16.98	5.32	13.21	6.31	14.83	4.63	16.18	5.07	14.38	6.79	16.09	5.23	15.93	5.52
11/13/96	13.90	5.12	13.56	5.48	17.42	4.50	15.92	6.38	13.38	6.14	13.58	5.88	16.20	5.05	14.25	6.92	16.10	5.22	15.53	5.92
3/10/1997[4]	13.94	4.34	13.42	4.81	17.40	3.36	16.51	4.49	13.39	5.58	12.91	5.87	16.22	4.43	13.94	6.60	16.12	4.51	15.11	5.62
06/03/97	13.88	4.40	13.82	4.41	17.36	3.40	16.86	4.14	13.42	5.55	13.59	5.19	16.31	4.34	14.01	6.53	16.02	4.61	14.74	5.99
08/10/97	13.88	4.40	13.71	4.52	17.41	3.35	16.68	4.32	13.40	5.57	13.62	5.16	16.28	4.37	13.97	6.57	16.21	4.42	14.68	6.05
10/14/97	13.91	4.37	13.46	4.77	17.44	3.32	16.58	4.42	13.31	5.66	13.45	5.33	16.28	4.37	13.44	7.10	16.07	4.56	14.81	5.92
03/19/98	13.68	4.60	13.15	5.08	16.32	4.44	16.10	4.90	12.92	6.05	13.59	5.19	15.78	4.87	13.88	6.66	17.40	3.23	10.35	10.38
06/22/98	13.75	4.53	13.82	4.41	17.41	3.35	16.83	4.17	12.81	6.16	13.56	5.22	15.63	5.02	13.98	6.56	16.17	4.46	15.83	4.90
09/03/98	13.61	4.67	13.62	4.61	17.21	3.55	16.88	4.12	12.79	6.18	13.41	5.37	15.68	4.97	14.48	6.06	16.51	4.12	16.11	4.62
11/16/98	13.66	4.62	14.00	4.23	17.30	3.46	16.79	4.21	12.78	6.19	13.57	5.21	15.65	5.00	15.16	5.38	16.33	4.30	15.68	5.05
06/10/99	13.97	4.31	13.68	4.55	17.95	2.81	17.21	3.79	13.72	5.25	14.93	3.85	16.25	4.40	16.52	4.02	16.07	4.56	14.81	5.92
03/20/00	NM	NM	13.14	5.09	NM	NM	16.70	4.30	NM	NM	13.45	5.33	NM	NM	13.87	6.67	NM	NM	14.25	6.48
06/23/00	NM	NM	13.28	4.95	NM	NM	16.47	4.53	NM	NM	13.62	5.16	NM	NM	13.97	6.57	NM	NM	14.01	6.72
08/29/00	13.71	4.57	13.60	4.63	16.51	4.25	14.87	6.13	13.86	5.11	14.01	4.77	16.12	4.53	13.93	6.61	15.70	4.93	12.16	8.57
04/02/01	NM	NM	12.87	5.36	NM	NM	15.80	5.20	NM	NM	13.01	5.77	NM	NM	13.51	7.03	NM	NM	14.70	6.03
06/26/01	13.83	4.45	NM	NM	17.01	3.75	NM	NM	16.31	2.66	NM	NM	16.82	3.83	NM	NM	15.83	4.80	NM	NM
08/29/01	NM	NM	11.84	6.39	NM	NM	17.42	3.58	NM	NM	13.21	5.57	NM	NM	13.94	6.60	NM	NM	12.18	8.55
05/07/02	NM	NM	11.53	6.70	NM	NM	17.21	3.79	NM	NM	13.25	5.53	NM	NM	13.87	6.67	NM	NM	12.01	8.72
06/24/02	13.90	4.38	NM	NM	17.40	3.36	NM	NM	13.51	5.46	NM	NM	16.36	4.29	NM	NM	16.17	4.46	NM	NM
10/14/02	NM	NM	11.75	6.48	NM	NM	15.71	5.29	NM	NM	13.61	5.17	NM	NM	14.01	6.53	NM	NM	10.88	9.85
07/16/03	13.96	3.70	NM	NM	17.43	2.88	NM	NM	13.53	4.83	NM	NM	16.32	3.68	NM	NM	16.21	3.90	NM	NM
10/20/03	NM	NM	12.01	5.72	NM	NM	15.58	4.92	NM	NM	13.70	4.44	NM	NM	NM	NM	NM	NM	NM	NM
11/05/03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	14.63	5.23	NM	NM	11.21	8.94
8/15/2004	NM	NM	12.48	5.25	NM	NM	15.15	5.35	NM	NM	12.98	5.16	NM	NM	13.12	6.74	NM	NM	10.03	10.12
9/1/2004	14.25	3.41	NM	NM	17.03	3.28	NM	NM	13.61	4.75	NM	NM	16.12	3.88	NM	NM	16.30	3.81	NM	NM
10/27/2004	NM	NM	11.93	5.80	NM	NM	15.10	5.40	NM	NM	13.02	5.12	NM	NM	12.93	6.93	NM	NM	11.22	8.93
7/11/2005	14.31	3.35	12.02	5.71	17.18	3.13	15.52	4.98	13.80	4.56	13.33	4.81	16.48	3.52	12.81	7.05	16.11	4.00	10.91	9.24
8/24/2006	14.03	3.63	12.38	5.35	17.29	3.02	15.82	4.68	13.73	4.63	13.46	4.68	16.53	3.47	12.37	7.49	15.94	4.17	10.58	9.57
8/14/2007	14.13	3.53	NM	NM	17.22	3.09	NM	NM	13.68	4.68	NM	NM	16.61	3.39	NM	NM	15.87	4.24	NM	NM
9/26/2007	NM	NM	12.53	5.20	NM	NM	16.01	4.49	NM	NM	13.60	4.54	NM	NM	12.56	7.30	NM	NM	10.74	9.41
8/4/2008	14.12	3.54	NM	NM	17.36	2.95	NM	NM	13.68	4.68	NM	NM	16.44	3.56	NM	NM	15.88	4.23	NM	NM
8/25/2008	NM	NM	12.62	5.11	NM	NM	15.96	4.54	NM	NM	13.28	4.86	NM	NM	12.52	7.34	NM	NM	10.27	9.88
7/10/2009	14.28	3.38	NM	NM	17.87	2.44	NM	NM	13.81	4.55	NM	NM	16.80	3.20	NM	NM	15.78	4.33	NM	NM
9/10-11/09	NM	NM	12.34	5.39	NM	NM	15.77	4.73	NM	NM	13.47	4.67	NM	NM	12.38	7.48	NM	NM	10.48	9.67
9/9/2010	13.82	3.84	NM	NM	16.82	3.49	NM	NM	13.53	4.83	NM	NM	16.61	3.39	NM	NM	15.73	4.38	NM	NM
9/13/2010	NM	NM	13.51	4.22	NM	NM	16.26	4.24	NM	NM	13.17	4.97	NM	NM	14.85	5.01	NM	NM	13.85	6.30
7/13/2011	13.54	3.71	NM	NM	17.99	1.93	NM	NM	13.49	4.30	NM	NM	16.60	2.80	NM	NM	16.22	3.42	NM	NM
10/5/2011	NM	NM	12.57	4.68	NM	NM	15.53	4.56	NM	NM	Dry	Dry	NM	NM	11.51	7.86	NM	NM	13.11	6.44
6/18/2012	13.58	3.67	NM	NM	17.90	2.02	NM	NM	13.53	4.26	NM	NM	16.57	2.83	NM	NM	16.18	3.46	NM	NM
9/30/2012	NM	NM	Dry	Dry	NM	NM	16.40	3.69	NM	NM	Dry	Dry	NM	NM	15.20	4.17	NM	NM	10.70	8.85
6/17/2013	13.97	3.28	NM	NM	17.91	2.01	NM	NM	13.75	4.04	NM	NM	16.53	2.87	NM	NM	15.84	3.80	NM	NM
9/16/2013	NM	NM	Dry	Dry	NM	NM	16.00	4.09	NM	NM	Dry	Dry	NM	NM	13.87	5.50	NM	NM	10.68	8.87
6/5/2014	14.01	3.24	NM	NM	17.84	2.08	NM	NM	13.70	4.09	NM	NM	16.48	2.92	NM	NM	15.80	3.84	NM	NM
9/24/2014	NM	NM	Dry	Dry	NM	NM	17.11	2.98	NM	NM	Dry	Dry	NM	NM	13.52	5.85	NM	NM	10.66	8.89
7/14/2015	13.88	3.37	NM	NM	17.89	2.03	NM	NM	13.70	4.09	NM	NM	16.51	2.89	NM	NM	15.81	3.83	NM	NM
9/22/2015	NM	NM	Dry	Dry	NM	NM	16.22	3.87	NM	NM	Dry	Dry	NM	NM	13.60	5.77	NM	NM	10.70	8.85
6/20/2016	13.93	3.32	NM	NM	17.91	2.01	NM	NM	13.74	4.05	NM	NM	16.47	2.93	NM	NM	15.77	3.87	NM	NM
9/14/2016	NM	NM	Dry	Dry	NM	NM	16.40	3.69	NM	NM	Dry	Dry	NM	NM	13.96	5.41	NM	NM	10.94	8.61
10/24-25/2017	12.90	4.35	Dry	Dry	15.95	3.97	15.65	4.44	12.98	4.82	Dry	Dry	13.68	5.73	12.10	7.27	14.83	4.82	10.75	8.80
11/2/2023	11.58	5.67	Dry	Dry	14.50	5.42	15.00	5.09	12.13	5.66	10.80	6.83	10.33	9.07	DRY	DRY	9.83	9.81	8.30	11.25

Notes:
NM = not measured on that date.
1. Date of leachate collection sump monitoring.
2. Depth to water in feet.
3. Elevations refer to Syracuse City Datum.
4. Elevation data collected from 1997 through December 2002 reflect the 1997 survey information.
5. Elevation data collected in 2003 through 2010 inclusive reflect the 2004 survey information.
6. Elevation data collected in 2011 through 2017 inclusive reflect the 2011 survey information.

Table B-3
Conklin Limited
Site #734048
Height of Leachate above LCS Invert (feet)

DATE[1]	LCS-1	LCS-2	LCS-3	LCS-4	LCS-5
2/25/1994	1.50	NM	1.95	2.05	2.12
3/31/1994	1.70	0.00	1.96	2.05	2.14
4/27/1994	2.22	3.84	1.92	2.17	2.13
5/24/1994	2.32	4.14	1.99	2.44	2.48
6/21/1994	1.22	2.89	1.16	2.00	2.13
7/20/1994	0.72	1.61	0.98	1.32	1.24
8/11/1994	0.12	1.35	0.62	1.23	0.69
9/7/1994	0.50	2.33	0.61	1.00	0.62
10/13/1994	0.59	1.33	0.66	0.96	0.57
11/14/1994	0.69	1.00	0.67	0.99	0.71
12/14/1994	0.58	0.67	0.62	0.84	0.52
1/19/1995	0.22	0.64	0.59	0.94	0.52
2/18/1995	0.18	0.58	0.61	1.00	0.56
3/13/1995	0.20	0.54	-0.35	0.79	0.54
4/25/1995	0.45	0.67	0.49	0.42	0.37
5/8/1995	0.40	0.76	0.11	0.68	0.17
6/5/1995	0.31	0.67	0.61	0.63	0.26
7/21/1995	0.38	0.62	1.09	0.92	0.24
8/30/1995	0.41	0.60	0.61	0.89	0.38
9/26/1995	0.37	0.56	0.75	0.87	0.55
10/23/1995	0.50	0.33	0.27	0.95	0.51
11/27/1995	0.54	0.94	0.94	1.16	0.62
12/28/1995	0.40	0.57	0.48	0.92	0.47
3/13/1996	0.60	2.18	1.54	1.38	0.82
5/15/1996	0.49	1.27	0.72	1.00	0.50
8/27/1996	0.53	1.03	1.19	1.22	0.64
11/13/1996	0.51	1.23	1.02	1.20	0.63
3/10/1997	0.47	1.25	1.01	1.18	0.61
6/3/1997	0.53	1.29	0.98	1.09	0.71
8/10/1997	0.53	1.24	1.00	1.12	0.52
10/14/1997	0.50	1.21	1.09	1.12	0.66
3/19/1998	0.73	2.33	1.48	1.62	-0.67
6/22/1998	0.66	1.24	1.59	1.77	0.56
9/3/1998	0.80	1.44	1.61	1.72	0.22
11/16/1998	0.75	1.35	1.62	1.75	0.40
6/10/1999	0.44	0.70	0.68	1.15	0.66
3/20/2000	NM	NM	NM	NM	NM
6/23/2000	NM	NM	NM	NM	NM
8/29/2000	0.70	2.14	0.54	1.28	1.03
4/2/2001	NM	NM	NM	NM	NM
6/26/2001	0.58	1.64	-1.91	0.58	0.90
8/29/2001	NM	NM	NM	NM	NM
5/7/2002	NM	NM	NM	NM	NM
6/24/2002	0.51	1.25	0.89	1.04	0.56
10/14/2002	NM	NM	NM	NM	NM
7/16/2003	0.45	1.22	0.87	1.08	0.52
10/20/2003	NM	NM	NM	NM	NM
11/5/2003	NM	NM	NM	NM	NM
6/15/2004	NM	NM	NM	NM	NM
9/1/2004	0.16	1.62	0.79	1.28	0.43
10/27/2004	NM	NM	NM	NM	NM
7/11/2005	0.10	1.47	0.60	0.92	0.62
8/24/2006	0.38	1.36	0.67	0.87	0.79
8/14/2007	0.28	1.43	0.72	0.79	0.86
8/4/2008	0.29	1.29	0.72	0.96	0.85
7/10/2009	0.13	0.78	0.59	0.60	0.95
9/9/2010	0.59	1.83	0.87	0.79	1.00
7/13/2011	0.87	0.66	0.91	0.80	0.51
6/18/2012	0.83	0.75	0.87	0.83	0.55
6/17/2013	0.44	0.74	0.65	0.87	0.89
6/5/2014	0.40	0.81	0.70	0.92	0.93
7/14/2015	0.53	0.76	0.70	0.89	0.92
6/20/2016	0.48	0.74	0.66	0.93	0.96
10/25/2017	1.51	2.70	1.43	3.73	1.91
11/2/2023	2.83	4.15	2.27	7.07	6.90

Notes:
NM = not measured on that date.
1. Date of leachate collection sump monitoring.
2. Data collected from 1997 through December 2002 reflect the 1997 survey information.
3. Data collected from 2003 through 2010 inclusive reflect the 2004 survey information.
4. Data collected from 2011 through 2018 inclusive reflect the 2011 survey information.
5. Based on the 1998 RAP, the corrective action level for the LCSs is 1.5 ft.

Table B-4
Conklin Limited
Site #734048
Ground Water Monitoring Well
As-built Data

WELL	RIM ELEV	INV ELEV	1997 RIM ELEV	2004 RIM ELEV[3]	2011 RIM ELEV[4]
MW-1	15.67	-5.96	15.48	15.05	14.63
MW-2	15.46	-6.50	15.01	14.56	14.10
MW-3	16.03	-5.79	15.62	15.14	14.67
MW-4	15.82	-8.00	15.55	15.20	14.81
MW-5[2]			17.63	18.12	17.67

Notes:
1. Elevations refer to Syracuse City Datum.
2. MW-5 installed May 23, 1997.
3. Rim elevations surveyed by C.T. Male April 1, 2004.
4. Rim elevations surveyed by C.T. Male August 29, 2011.

Table B-5
Conklin Limited
Site #734048
Ground Water Monitoring Well
Monitoring Data

DATE[1]	MW-1 DEPTH TO WATER[2]	WATER ELEV[3,4]	MW-2 DEPTH TO WATER	WATER ELEV	MW-3 DEPTH TO WATER	WATER ELEV	MW-4 DEPTH TO WATER	WATER ELEV	MW-5 DEPTH TO WATER	WATER ELEV
2/25/1994	NM	NM	NM	NM	NM	NM	NM	NM		
3/31/1994	9.87	5.80	9.41	6.05	10.30	5.73	10.42	5.40		
4/28/1994	11.13	4.54	10.55	4.91	11.04	4.99	11.56	4.26		
5/30/1994	11.76	3.91	10.71	4.75	10.93	5.10	11.67	4.15		
6/7/1994	11.57	4.10	11.15	4.31	11.58	4.45	11.73	4.09		
7/12/1994	11.36	4.31	11.00	4.46	11.57	4.46	11.33	4.49		
8/31/1994	10.97	4.70	10.60	4.86	11.58	4.45	10.41	5.41		
9/1/1994	10.97	4.70	10.60	4.86	11.58	4.45	10.41	5.41		
10/11/1994	11.31	4.36	11.01	4.45	11.91	4.12	10.56	5.26		
11/7/1994	11.17	4.50	10.54	4.92	11.58	4.45	10.70	5.12		
12/7/1994	11.18	4.49	9.88	5.58	11.37	4.66	10.46	5.36		
1/13/1995	10.96	4.71	10.52	4.94	11.41	4.62	10.64	5.18		
2/3/1995	11.23	4.44	11.02	4.44	11.63	4.40	10.44	5.38		
3/13/1995	10.93	4.74	10.15	5.31	10.93	5.10	10.28	5.54		
4/19/1995	11.26	4.41	10.89	4.57	11.41	4.62	10.33	5.49		
5/8/1995	11.46	4.21	11.21	4.25	11.66	4.37	10.32	5.50		
6/1/1995	11.47	4.20	11	4.46	11.86	4.17	10.48	5.34		
7/5/1995	11.72	3.95	11.43	4.03	12.15	3.88	10.56	5.26		
8/10/1995	11.81	3.86	11.54	3.92	12.3	3.73	10.42	5.40		
9/25/1995	11.78	3.89	11.52	3.94	12.22	3.81	10.46	5.36		
10/20/1995	11.45	4.22	10.97	4.49	11.53	4.50	10.36	5.46		
11/17/1995	11.39	4.28	10.88	4.58	11.48	4.55	10.39	5.43		
12/2/1995	11.31	4.36	10.85	4.61	11.41	4.62	10.42	5.40		
3/20/1996	10.62	5.05	9.78	5.68	10.51	5.52	10.17	5.65		
5/8/1996	10.39	5.28	10.13	5.33	10.59	5.44	9.94	5.88		
8/21/1996	11.46	4.21	10.9	4.56	11.56	4.47	10.49	5.33		
11/5/1996	11.29	4.38	10.96	4.50	11.45	4.58	10.33	5.49		
03/10/97	10.41	5.07	10.24	4.77	10.64	4.98	10.15	5.40		
6/17/1997	10.92	4.56	10.21	4.80	11.15	4.47	10.21	5.34	13.98	3.65
8/12/1997	10.53	4.95	10.27	4.74	10.81	4.81	10.28	5.27	14.01	3.62
10/15/1997	10.88	4.60	10.18	4.83	11.05	4.57	10.27	5.28	14.15	3.48
3/16/1998	10.46	5.02	10.17	4.84	NM	NM	10.1	5.45	13.62	4.01
6/15/1998	11.03	4.45	10.36	4.65	11.23	4.39	10.18	5.37	13.98	3.65
9/3/1998	10.61	4.87	10.26	4.75	11.17	4.45	10.26	5.29	13.83	3.80
11/16/1998	10.86	4.62	10.28	4.73	11.18	4.44	10.21	5.34	13.83	3.80
6/22/1999	11.48	4.00	10.93	4.08	11.67	3.95	9.71	5.84	14.52	3.11
8/9/2000	10.48	5.00	10.33	4.68	10.73	4.89	9.85	5.70	14.23	3.40
7/19/2001	11.14	4.34	10.49	4.52	8.92	6.70	9.97	5.58	13.8	3.83
7/17/2002	11.00	4.48	10.53	4.48	11.2	4.42	9.78	5.77	13.91	3.72
8/5/2003	10.82	4.23	10.27	4.29	10.55	4.59	9.69	5.51	13.83	4.29
8/23/2004	10.57	4.48	10.02	4.54	10.43	4.71	9.72	5.48	13.36	4.76
8/17/2005	11.14	3.91	10.8	3.76	11.23	3.91	8.93	6.27	14.31	3.81
9/11/2006	10.93	4.12	10.35	4.21	10.13	5.01	9.25	5.95	13.53	4.59
10/31/2007	10.86	4.19	10.38	4.18	9.94	5.20	9.31	5.89	13.48	4.64
10/11/2008	11.48	3.57	10.88	3.68	11.46	3.68	11.34	3.86	13.88	4.24
10/19/2009	11.18	3.87	10.72	3.84	10.13	5.01	10.78	4.42	13.68	4.44
9/10/2010	10.83	4.22	10.30	4.26	10.50	4.64	10.88	4.32	12.11	6.01
8/23/2011	10.51	4.12	9.84	4.26	10.32	4.35	9.93	4.88	13.21	4.46
7/24/2012	11.30	3.33	7.92	6.18	7.97	6.70	9.70	5.11	13.80	3.87
8/21/2013	10.80	3.83	10.30	3.80	10.70	3.97	10.40	4.41	13.60	4.07
7/24/2014	10.80	3.83	10.20	3.90	10.60	4.07	10.20	4.61	13.50	4.17
8/6/2015	10.30	4.33	9.70	4.40	10.10	4.57	10.62	4.19	13.14	4.53
7/28/2016	11.26	3.37	10.71	3.39	11.46	3.21	10.13	4.68	14.34	3.33
10/23/2017	11.50	3.13	10.10	4.00	7.70	6.97	9.45	5.36	12.10	5.57
11/3/2023	11.00	3.63	10.33	3.77	10.80	3.87	9.60	5.21	13.80	3.87

Notes:
NM = not measured on that date.
1. Date of monitoring well monitoring.
2. Depth to water in feet.
3. Elevations refer to Syracuse City Datum.
4. Elevation data collected from 1997 through December 2002 reflect the 1997 survey information.
5. Elevation data collected from 2003 through 2010 inclusive reflect the 2004 survey information.
6. Elevation data collected from 2011 through 2017 inclusive reflect the 2011 survey information.

APPENDIX C

Laboratory Analytical Results

C-1 LCS-1 and LDS-1 Water Quality Data

C-2 LCS-2 and LDS-2 Water Quality Data

C-3 LCS-3 and LDS-3 Water Quality Data

C-4 LCS-4 and LDS-4 Water Quality Data

C-5 LCS-5 and LDS-5 Water Quality Data

C-6 MW-1 through MW-5 Water Quality Data

Table C-1
Conklin Limited Site #734048
Laboratory Analytical Results
Leachate Collection Sump (LCS)
and Leak Detection Sump (LDS)
LCS-1 and LDS-1 Water Quality Data

	Sample Location and Date																																																										
	3/31/1994	3/10/1994	6/14/1994	5/27/1994	9/7/1994	8/11/1994	10/13/1994	10/12/1994	1/14/1995	1/17/1995	5/31/1995	6/5/1995	10/23/1995	10/31/1995	5/15/1996	5/29/1996	6/3/1997	6/30/1997	6/23/1998	6/25/1998	6/10/1999	9/28/1999	8/16/2000	8/29/2000	6/26/2001	8/30/2001	6/24/2002	10/15/2002	7/16/2003	10/20/2003	9/1/2004	10/27/2004	7/11/2005	10/31/2005	8/24/2006	10/23/2006	8/14/2007	9/26/2007	8/4/2008	8/25/2008	7/10/2009	9/10/2009	9/9/2010	9/13/2010	7/13/2011	10/6/2011	6/18/2012	9/30/2012[5]	6/17/2013	9/16/2013[5]	6/5/2014	9/24/2014[5]	7/14/2015	9/22/2015[5]	6/20/2016	9/14/2016[5]	10/25/2017	10/24/2017[5]	11/2/2023	11/2/2023[5]
Compound	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1
Dichlorodifluoromethane	63	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	26	--	11	--	--	--	--	58	--	--	--	238	--	--	6.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	593	1100	715	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone[6]	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.0	--	--	--	--	--	--	--	--	--
Vinyl chloride	88	387	918	--	--	--	--	--	--	252	--	450	--	--	--	210	--	37	--	32	--	12	18	--	16	--	20	260	--	190	44	24	21	--	--	--	168	--	15	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,2-dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.6	--	--	--	--	--	--	--	--	--	--	--	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	303	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	41	--	--	--	--	--	--	--	--	--	180	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	108	--	377	810	480	390	615	197	--	88	54	90	90	54	160	60	114	58	24	135	160	68	141	32	88	21	88	220	33	270	190	190	109	96	14	5.2	135	11	51	17	55	56	6.9	8.4	11	--	30	--	61	--	48	--	19	--	19	--	--	--	--	--
Chloroform	44	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	65	310	130	730	325	250	129	286	--	103	30	70	64	70	21	76	25	29	--	35	12	--	31	--	12	--	--	--	--	11	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	36	--	--	--	--	--	--	--	--	--	--	--	14	--	6.1	--	--	--	--	--	22	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 624/625 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits
5. No sample collected or analyzed since LDS was dry at time of sampling.
6. 2-Butanone (MEK) analyzed by Meothod EPA 8260C

NA - Not Analyzed

Table C-2
Conklin Limited Site #734048
Laboratory Analytical Results
Leachate Collection Sump (LCS)
and Leak Detection Sump (LDS)
LCS-2 and LDS-2 Water Quality Data

	Sample Location and Date																			
	3/31/1994		6/14/1994	5/27/1994	9/7/1994	8/11/1994	10/13/1994	10/12/1994	1/14/1995	1/17/1995	6/5/1995	6/5/1995	10/23/1995	10/31/1995	5/15/1996	5/29/1996	6/3/1997	6/26/1997	6/23/1998	6/25/1998
Compound	LCS-2	LDS-2*	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	2824	177	1160	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	9.7	--	3230	985	--	--	--	--	--	591	--	1200	--	630	--	210	--	72	--	160
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone^5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	164	--	--	--	--	--	--	--	--	--	200	--	--	--	--	--	--	--
1,1-Dichloroethane	23	--	584	442	398	169	230	239	168	156	64	--	150	120	15	--	52	71	257	250
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	4.9	--	114	225	260	115	175	125	--	80	30	30	32	45	7	32	17	7.2	22	10
Trichloroethene	1.8	--	--	--	--	--	--	--	--	--	--	130	--	--	--	43	--	--	20	--
Toluene	--	--	68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	Sample Location and Date																			
	6/10/1999	9/28/1999	8/16/2000	8/29/2000	6/26/2001	8/30/2001	6/24/2002	10/14/2002	7/16/2003	10/20/2003	9/1/2004	10/20/2004	7/11/2005	10/31/2005	8/24/2006	10/23/2006	8/14/2007	9/26/2007	8/4/2008	8/25/2008
Compound	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	44	--	25	18	38	73	31	--	89	--	41	25	17	184	--	6.2	2.4	23	--
Chloroethane	--	30	--	--	--	--	63	67	--	--	--	--	69	52	--	--	27	6.9	--	--
2-Butanone^5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	186	115	221	50	95	48	290	--	25	170	140	180	112	50	132	5.2	34	24	57	18
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	14	--	20	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	8.5	--	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	Sample Location and Date																			
	7/10/2009	9/10/2009	9/9/2010	9/13/2010	7/13/2011	10/5/2011	6/18/2012	9/30/2012	6/17/2013	9/16/2013	6/5/2014	9/24/2014	7/14/2015	9/22/2015	6/20/2016	9/14/2016	10/25/2017	10/24/2017	11/2/2023	11/2/2023
Compound	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA	NA
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	6.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	5.7	--	--	--	--	--	15
2-Butanone^5	--	--	--	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	61	42	6.9	8.4	16	9.6	35	13	67	15	49	9.1	25	10	15	10	--	7.3	--	5.5
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	--	--	--	--	5.4	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
* = Not Sampled
1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 624/625 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits
5. 2-Butanone (MEK) analyzed by Meothod EPA 8260C

NA - Not Analyzed

Table C-3
Conklin Limited Site #734048
Laboratory Analytical Results
Leachate Collection Sump (LCS)
and Leak Detection Sump (LDS)
LCS-3 and LDS-3 Water Quality Data

	Sample Location and Date																																																										
Compound	LCS-3 3/31/1994	LDS-3 3/10/1994	LCS-3 6/14/1994	LDS-3 5/27/1994	LCS-3 9/7/1994	LDS-3 8/11/1994	LCS-3 10/13/1994	LDS-3 10/12/1994	LCS-3 1/14/1995	LDS-3 1/17/1995	LCS-3 6/5/1995	LDS-3 6/5/1995	LCS-3 10/23/1995	LDS-3 10/31/1995	LCS-3 5/15/1996	LDS-3 5/29/1996	LCS-3 6/3/1997	LDS-3 6/27/1997	LCS-3 6/22/1998	LDS-3 6/24/1998	LCS-3 6/10/1999	LDS-3 9/9/1999	LCS-3 8/16/2000	LDS-3 8/29/2000	LCS-3 6/26/2001	LDS-3 8/29/2001	LCS-3 6/24/2002	LDS-3 10/14/2002	LCS-3 7/16/2003	LDS-3 10/20/2003	LCS-3 9/1/2004	LDS-3 10/28/2004	LCS-3 7/11/2005	LDS-3 10/31/2005	LCS-3 8/24/2006	LDS-3 10/23/2006	LCS-3 8/14/2007	LDS-3 9/27/2007	LCS-3 8/4/2008	LDS-3 8/25/2008	LCS-3 7/10/2009	LDS-3 9/11/2009	LCS-3 9/9/2010	LDS-3 9/13/2010	LCS-3 7/13/2011	LDS-3 10/5/2011	LCS-3 6/18/2012	LDS-3 9/30/2012[5]	LCS-3 6/17/2013	LDS-3 9/16/2013[5]	LCS-3 6/5/2014	LDS-3 9/24/2014[5]	LCS-3 7/14/2015	LDS-3 9/22/2015[5]	LCS-3 6/20/2016	LDS-3 9/14/2016[5]	LCS-3 10/25/2017	LDS-3 10/24/2017[5]	LCS-3 11/2/2023	LDS-3 11/2/2023
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA	NA
Chloromethane	--	--	--	--	--	1900	113	1900	--	--	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	65	73	67	230	66	--	--	--	--	--	--	--	--	30	30	--	--	--	--	--	--	--	--	--	--	--	--	32	--	--	--	--	--	--	--
Vinyl chloride	160	243	2477	1220	--	--	--	--	--	--	--	920	--	62	--	60	--	--	--	--	--	--	71	25	57	33	31	--	--	35	69	--	148	--	--	26	20	--	21	12	--	--	--	--	--	--	33	--	--	--	--	--	59	--	--	--	--	--	--	--
1,1-Dichloroethene	--	42.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	180	302	--	--	--	--	--	--	--	--	380	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	42	--	202	84	309	--	286	274	540	70	510	63	240	26	160	12	130	9.8	840	--	164	--	253	188	172	175	270	150	150	150	210	180	103	36	44	65	134	132	56	26	58	34	7.5	8.2	37	12	39	--	32	--	16	--	36	--	6.8	--	14	--	2.1	--
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	7.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	13	20.7	113	62	161	--	121	273	--	92	34	30	57	11	--	6.9	19	--	18	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	14	--	--	--	8.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Carbon tetrachloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,2-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 624/625 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits
5. No sample collected or analyzed since LDS was dry at time of sampling.

NA - Not Analyzed

Table C-4
Conklin Limited Site #734048
Laboratory Analytical Results
Leachate Collection Sump (LCS)
and Leak Detection Sump (LDS)
LCS-4 and LDS-4 Water Quality Data

	Sample Location and Date																													
	3/31/1994	3/10/1994	6/14/1994	5/27/1994	9/7/1994	8/11/1994	10/13/1994	10/12/1994	1/14/1995	1/17/1995	6/5/1995	6/5/1995	10/23/1995	10/31/1995	5/15/1996	5/29/1996	6/3/1997	6/27/1997	6/22/1998	6/24/1998	6/10/1999	9/9/1999	8/16/2000	8/29/2000	6/26/2001	8/29/2001	6/24/2002	10/14/2002	7/16/2003	11/5/2003
Compound	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	2100	5081	143	2100	--	--	66	--	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	--
Trans-1,2-dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.0	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	65	--	--	--	--	76	68	--	32
Vinyl chloride	1330	451	3104	2570	--	--	--	--	--	1100	--	--	--	830	52	760	--	170	70	630	--	46	80	30	150	30	86	--	--	--
1,1-Dichloroethene	--	351	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	223	693	--	--	--	--	--	--	--	--	93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	510	--	1302	639	1600	877	362	813	540	430	320	274	220	320	160	285	146	320	--	710	178	255	204	198	248	175	310	140	35	6.0
Chloroform	65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	70	68.5	191	177	285	--	130	279	--	104	49	45	60	52	16	43	21	14	18	--	14	5.5	34	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	--	--	--	17	--	--	--	--	--	--	--
Toluene	--	--	59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

	Sample Location and Date																													
	9/1/2004	10/28/2004	7/11/2005	10/31/2005	8/24/2006	10/23/2006	8/14/2007	9/27/2007	8/4/2008	8/25/2008	7/10/2009	9/11/2009	9/9/2010	9/13/2010	7/13/2011	10/5/2011	6/18/2012	9/30/2012	6/17/2013	9/16/2013	6/5/2014	9/24/2014	7/14/2015	9/22/2015	6/20/2016	9/14/2016	10/25/2017	10/24/2017	11/2/2023	11/2/2023^5
Compound	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA	--
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,2-dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	10.5	--	--	--	--	--	--	39	--	--	--	--	--	--	--	--	--	--	--	--	15	8.1	--	--	--	--	--	--
Vinyl chloride	63	--	103	129	--	65	32	--	16	12	--	--	--	7.2	--	--	33	6.3	--	--	--	15	64	--	6.6	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	180	89	107	110	--	130	135	42	58	25	56	43	7.6	8.8	33	12	36	5.9	32	22	20	19	34	14	15	--	--	8.9	7.4	--
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	21.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 624/625 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

NA - Not Analyzed

Table C-5
Conklin Limited Site #734048
Laboratory Analytical Results
Leachate Collection Sump (LCS)
and Leak Detection Sump (LDS)
LCS-5 and LDS-5 Water Quality Data

	Sample Location and Date																																																										
Compound	LCS-5 3/31/1994	LDS-5 3/10/1994	LCS-5 6/14/1994	LDS-5 5/27/1994	LCS-5 9/7/1994	LDS-5 8/11/1994	LCS-5 10/13/1994	LDS-5 10/12/1994	LCS-5 1/14/1995	LDS-5 1/17/1995	LCS-5 6/5/1995	LDS-5 6/5/1995	LCS-5 10/23/1995	LDS-5 10/31/1995	LCS-5 5/15/1996	LDS-5 5/29/1996	LCS-5 6/3/1997	LDS-5 6/27/1997	LCS-5 6/23/1998	LDS-5 6/25/1998	LCS-5 6/10/1999	LDS-5 9/9/1999	LCS-5 8/16/2000	LDS-5 8/29/2000	LCS-5 6/26/2001	LDS-5 8/29/2001	LCS-5 6/24/2002	LDS-5 10/15/2002	LCS-5 7/10/2003	LDS-5 11/5/2003	LCS-5 9/1/2004	LDS-5 10/28/2004	LCS-5 7/11/2005	LDS-5 10/31/2005	LCS-5 8/24/2006	LDS-5 10/23/2006	LCS-5 8/14/2007	LDS-5 9/27/2007	LCS-5 8/4/2008	LDS-5 8/25/2008	LCS-5 7/10/2009	LDS-5 9/11/2009	LCS-5 9/9/2010	LDS-5 9/13/2010	LCS-5 7/13/2011	LDS-5 10/5/2011	LCS-5 6/18/2012	LDS-5 9/30/2012	LCS-5 6/17/2013	LDS-5 9/16/2013	LCS-5 6/5/2014	LDS-5 9/24/2014	LCS-5 7/14/2015	LDS-5 9/22/2015	LCS-5 6/20/2016	LDS-5 9/14/2016	LCS-5 10/25/2017	LDS-5 10/24/2017	LCS-5 11/2/2023	LDS-5 11/2/2023
Dichlorodifluoromethane	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	NA	NA
Chloromethane	--	--	--	--	2100	45	1276	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	75	--	--	58	--	--	38	--	--	--	29	--	--	--	--	37	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone^5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	6.0	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	1417	49	--	--	--	--	19	--	--	920	--	20	--	15	--	--	--	--	--	--	24	--	16	--	120	--	--	170	55	--	26	155	--	1.5	17	--	16	--	8.9	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	142	5.1	--	--	--	--	--	--	--	--	120	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	21	--	440	23	1600	17	495	14	58	9.7	120	330	230	14	270	14	105	16	122	--	58	--	336	8.0	305	17	310	--	60	180	140	270	113	150	7.2	20	24	7	56	17	58	59	6.7	9.4	69	--	33	7.9	66	6.3	33	--	46	--	14	6.0	10	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	--	--	94	3.9	282	--	125	--	7.9	1.2	26	--	60	--	28	--	21	--	12	--	12	--	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	2.3	--	--	--	--	--	--	18	40	--	--	--	1.3	--	--	15	--	--	--	14	--	--	--	--	--	--	--	--	--	--	--	--	--	5.4	1.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	21	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 624/625 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits
5. 2-Butanone (MEK) analyzed by Meothod EPA 8260C

NA - Not Analyzed

Table C-6
Conklin Limited Site #734048
Laboratory Analytical Results
Leachate Collection Sump (LCS)
and Leak Detection Sump (LDS)
MW-1 through MW-5 Water Quality Data

Compound	MW-1																														
	3/31/1994	6/7/1994	9/1/1994	10/11/1994	1/13/1995	5/31/1995	10/20/1995	5/16/1996	6/17/1997	6/15/1998	6/22/1999	8/9/2000	7/31/2001	7/17/2002	8/5/2003	8/23/2004	8/17/2005	9/11/2006	10/31/2007	10/11/2008	10/19/2009	9/10/2010	8/23/2011	7/24/2012	8/21/2013	7/24/2014	8/6/2015	7/28/2016	10/23/2017	11/3/2023
Chloromethane	--	--	--	3.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	2.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,2-dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	2.0	2.0	--	--	1.1	--	--	5.5	1.8	1.8	1.7	--	--	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	7.7	13	15	17	17	--	11	8.0	7.9	8.5	7.3	7.8	3.9	--	1.2	7.4	7.3	9.3	12	9.3	11	7.5	7.6	7.0	8.8	10	--	8.0	--	7.2
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	4.8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	5.0	4.1	--	2.9	3.0	1.6	1.6	4.7	2.1	1.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--	--	--	--	5.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	5.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
M&P Xylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 624/625 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

Table C-6
Conklin Limited Site #734048
Laboratory Analytical Results
Leachate Collection Sump (LCS)
and Leak Detection Sump (LDS)
MW-1 through MW-5 Water Quality Data

	MW-2																														
Compound	3/31/1994	6/7/1994	9/1/1994	10/11/1994	1/13/1995	5/31/1995	10/20/1995	5/16/1996	6/17/1997	6/16/1998	6/22/1999	8/9/2000	7/31/2001	7/17/2002	8/5/2003	8/23/2004	8/17/2005	9/11/2006	10/31/2007	10/11/2008	10/19/2009	9/10/2010	8/23/2011	7/24/2012	8/21/2013	7/24/2014	8/6/2015	7/28/2016	10/23/2017	11/3/2023
Chloromethane	--	--	--	2.6	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	3.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,2-dichloroethene	--	--	--	2.1	--	--	--	--	--	--	--	1.7	2.1	1.5	--	--	1.4	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	2.3	1.1	1.6	--	--	--	--	--	1.8	--	2.1	2.0	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	5.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
M&P Xylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 624/625 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

Table C-6
Conklin Limited Site #734048
Laboratory Analytical Results
Leachate Collection Sump (LCS)
and Leak Detection Sump (LDS)
MW-1 through MW-5 Water Quality Data

Compound	MW-3																														
	3/31/1994	6/7/1994	9/1/1994	10/11/1994	1/13/1995	5/31/1995	10/20/1995	5/16/1996	6/17/1997	6/16/1998	6/22/1999	8/9/2000	7/31/2001	7/17/2002	8/5/2003	8/23/2004	8/17/2005	9/11/2006	10/31/2007	10/11/2008	10/19/2009	9/10/2010	8/23/2011	7/24/2012	8/21/2013	7/24/2014	8/6/2015	7/28/2016	10/23/2017	11/3/2023
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,2-dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
M&P Xylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 624/625 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

Table C-6
Conklin Limited Site #734048
Laboratory Analytical Results
Leachate Collection Sump (LCS)
and Leak Detection Sump (LDS)
MW-1 through MW-5 Water Quality Data

Compound	MW-4																														
	3/31/1994	6/7/1994	9/1/1994	10/11/1994	1/13/1995	5/31/1995	10/20/1995	5/16/1996	6/17/1997	6/16/1998	6/22/1999	8/9/2000	7/31/2001	7/17/2002	8/5/2003	8/23/2004	8/17/2005	9/11/2006	10/31/2007	10/11/2008	10/19/2009	9/10/2010	8/23/2011	7/24/2012	8/21/2013	7/24/2014	8/6/2015	7/28/2016	10/23/2017	11/3/2023
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,2-dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	1.9	--	--	--	--	--	1.1	1.5	--	--	1.5	1.1	1.2	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	--	--	1.5	--	--	1.2	--	--	1.8	2.0	--	1.2	1.7	1.4	1.7	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	7.3	14	4.5	2.5	--	3.6	--	--	3.7	4.1	2.7	2.4	2.2	--	3.7	--	1.1	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	1.9	--	--	5.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	4.4	--	--	--	--	--	--	--	4.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
M&P Xylene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 624/625 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

Table C-6
Conklin Limited Site #734048
Laboratory Analytical Results
Leachate Collection Sump (LCS)
and Leak Detection Sump (LDS)
MW-1 through MW-5 Water Quality Data

Compound	MW-5																					
	6/17/1997	6/16/1998	6/22/1999	8/9/2000	7/31/2001	7/17/2002	8/5/2003	8/23/2004	8/17/2005	9/11/2006	10/31/2007	10/11/2008	10/19/2009	9/10/2010	8/23/2011	7/24/2012[5]	8/21/2013	7/24/2014	8/6/2015	7/28/2016	10/23/2017	11/3/2023
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,2-dichloroethene	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	2.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	2.0	--	--	3.5	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	--
Chlorobenzene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,4-Dichlorobenzene	--	--	--	1.1	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Benzene	4.1	2.7	2.4	1.3	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	1.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	4.9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
M&P Xylene	--	--	--	--	--	--	--	--	1.5	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl Chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 624/625 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

APPENDIX D

Health and Safety at Hazardous Waste Operations Course Certification

Certificate of Completion

The completed course complies with OSHA regulations under
OSHA Code 29 CFR 1910.120

This certificate is hereby awarded to:

Robert Kennedy

SIGNATURE OF OPERATOR

ON-SITE EVALUATION
Signature of Test Administrator & Date

AWARDED CERTIFICATE # **NHF-1678109062-4729-5444**

COURSE COMPLETION DATE ***March 6, 2023***

COURSE NAME ***Hazwoper 8 Hour Certification Course***

NationalHazwoperFoundation.com

8 HOUR HAZWOPER CERTIFICATION

Operator: Robert Kennedy

Course: *Hazwoper 8 Hour Certification Course*

Completion Date: *March 6, 2023*

Certification ID# *NHF-1678109062-4729-5444*

Renewal Due 1 Years from Completion Date Certificate of Completion Must Accompany Card

NATIONALHAZWOPERFOUNDATION.COM

Official Wallet Card

APPENDIX E

LCS Field Logs

GROUND WATER SAMPLING FIELD LOG

Sample Location: LCS Well No. : 1

Sampled By: BOB KENNEDY Date: 11/2/23 Time: 0730

Weather: CLEAR 36° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:
Well Depth (below top of casing): 17.25 ft.
Well Elevation (below top of casing): ____ ft.
Depth to Water Table (below top of casing): 11'7" ft.
Water Table Elevation: ____
Length of Water Column: ____ ft.
Volume of water in well:
2" diameter wells = 0.163 x (LWC) = ____ gallons x3
4" diameter wells = 0.653 x (LWC) = ____ gallons
6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START
Color: GREY Odor: SLIGHT Turbidity: MED
Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING
Amount of water removed before sampling: 50 GALLONS
Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING SAME
Color: ____ Odor: ____ Turbidity: ____
Was an oil film or layer apparent? ____

E. CONDUCTIVITY ____

F. PH 7.50

G. TEMPERATURE 12.9°C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location: LCS 2 Well No. : 2

Sampled By: BOB K. Date: 11/2 Time: 0:730

Weather: CLEAR 30° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): 19.92 ft.

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 14.5 ft.

Water Table Elevation: ____

Length of Water Column: ____ ft.

~~Volume of water in well~~:

2" diameter wells = 0.163 x (LWC) = ____ gallons x3

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: CLEAR Odor: SOME Turbidity: CLEAR

Was an oil film or layer apparent? ____

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 50 GAL.

Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING SAME

Color: ____ Odor: ____ Turbidity: ____

Was an oil film or layer apparent? ____

E. CONDUCTIVITY ____

F. PH 6.98

G. TEMPERATURE 12°

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location: L LCS # Well No. : 3

Sampled By: BOB KENNEDY Date: 11/2/23 Time: 07:30

Weather: CLEAR 36° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): ~~19' 1.5"~~ ft. -19'.64

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 12' 1.5" ft.

Water Table Elevation: ____

Length of Water Column: ____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = ____ gallons x3

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: CLEAR Odor: NONE Turbidity: CLEAR

Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 50

Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING

Color: CLEAR Odor: NONE Turbidity: CLEAR

Was an oil film or layer apparent? NO

E. CONDUCTIVITY ____

F. PH 7.11

G. TEMPERATURE 13.4 C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location: LCS Well No. : #4

Sampled By: BOB K Date: 11/2/23 Time: 07:30

Weather: CLEAR 36° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): ~~10~~ 19.40 ft.

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 10.41 ft.

Water Table Elevation: ____

Length of Water Column: ____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = ____ gallons x3

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: CLEAR Odor: SLIGHT Turbidity: CLEAR

Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 50

Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING

Color: CLEAR Odor: SLIGHT Turbidity: CLEAR

Was an oil film or layer apparent? NO

E. CONDUCTIVITY ____

F. PH 7.5

G. TEMPERATURE 14 C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location: LCS Well No. : 5

Sampled By: BOB K Date: 11/2/23 Time: 07:36

Weather: CLEAR 36°C Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:
Well Depth (below top of casing): 19.64 ft.
Well Elevation (below top of casing): ____ ft.
Depth to Water Table (below top of casing): 9'.10" ft.
Water Table Elevation: ____
Length of Water Column: ____ ft.
Volume of water in well:
2" diameter wells = 0.163 x (LWC) = ____ gallons x3
4" diameter wells = 0.653 x (LWC) = ____ gallons
6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START
Color: CLEAR Odor: NONE Turbidity: CLEAR
Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING
Amount of water removed before sampling: 50 GAL
Did the Well go dry: ____

D. PHYSICAL APPEARANCE DURING SAMPLING
Color: CLEAR Odor: NONE Turbidity: CLEAR
Was an oil film or layer apparent? ____

E. CONDUCTIVITY ____

F. PH 8.3

G. TEMPERATURE 13,189 C

H. WELL SAMPLING NOTES:

APPENDIX F

Laboratory Analytical Reports

F-1 LCS Analytical Reports

F-2 LDS Analytical Reports

F-3 MW Analytical Reports

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: LCS Monitoring Wells
DATE: 11/09/2023

SAMPLE NUMBER- 902408 SAMPLE ID- Well #1 SAMPLE MATRIX- WW
DATE SAMPLED- 11/02/23 TIME SAMPLED- 0730
DATE RECEIVED- 11/02/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- EW
TIME RECEIVED- 1144 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/02/23		CES	4.2	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902408 **LSL Sample ID:** 2316775-004

Location:

Sampled: 11/02/23 7:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<5	ug/l			11/7/23	CRT
Bromodichloromethane	<5	ug/l			11/7/23	CRT
Bromoform	<5	ug/l			11/7/23	CRT
Bromomethane	<5	ug/l			11/7/23	CRT
Carbon tetrachloride	<5	ug/l			11/7/23	CRT
Chlorobenzene	<5	ug/l			11/7/23	CRT
Chloroethane	<5	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<200*	ug/l			11/7/23	CRT
Chloroform	<5	ug/l			11/7/23	CRT
Chloromethane	<5	ug/l			11/7/23	CRT
Dibromochloromethane	<5	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,1-Dichloroethane	<5	ug/l			11/7/23	CRT
1,2-Dichloroethane	<5	ug/l			11/7/23	CRT
1,1-Dichloroethene	<5	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<5	ug/l			11/7/23	CRT
1,2-Dichloropropane	<5	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
Ethyl benzene	<5	ug/l			11/7/23	CRT
Methylene chloride	<10*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<5	ug/l			11/7/23	CRT
Tetrachloroethene	<5	ug/l			11/7/23	CRT
Toluene	<5	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<5	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<5	ug/l			11/7/23	CRT
Trichloroethene	<5	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<5	ug/l			11/7/23	CRT
2-Butanone (MEK)	<50	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<50	ug/l			11/7/23	CRT
Vinyl chloride	<5	ug/l			11/7/23	CRT
Xylenes (Total)	<5	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	110	%R			11/7/23	CRT
Surrogate (Tol-d8)	87	%R			11/7/23	CRT
Surrogate (4-BFB)	113	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit. Elevated detection limits due to the excessive foaming properties of the sample.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: LCS Monitoring Wells
DATE: 11/09/2023

SAMPLE NUMBER- 902409 SAMPLE ID- Well #2 SAMPLE MATRIX- WW
DATE SAMPLED- 11/02/23 TIME SAMPLED- 0730
DATE RECEIVED- 11/02/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- EW
TIME RECEIVED- 1144 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/02/23		CES	4.2	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

- - LABORATORY ANALYSIS REPORT - -

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902409 **LSL Sample ID:** 2316775-005

Location:

Sampled: 11/02/23 7:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<2	ug/l			11/7/23	CRT
Bromodichloromethane	<2	ug/l			11/7/23	CRT
Bromoform	<2	ug/l			11/7/23	CRT
Bromomethane	<2	ug/l			11/7/23	CRT
Carbon tetrachloride	<2	ug/l			11/7/23	CRT
Chlorobenzene	<2	ug/l			11/7/23	CRT
Chloroethane	<2	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<100*	ug/l			11/7/23	CRT
Chloroform	<2	ug/l			11/7/23	CRT
Chloromethane	<2	ug/l			11/7/23	CRT
Dibromochloromethane	<2	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,1-Dichloroethane	<2	ug/l			11/7/23	CRT
1,2-Dichloroethane	<2	ug/l			11/7/23	CRT
1,1-Dichloroethene	<2	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<2	ug/l			11/7/23	CRT
1,2-Dichloropropane	<2	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
Ethyl benzene	<2	ug/l			11/7/23	CRT
Methylene chloride	<5*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<2	ug/l			11/7/23	CRT
Tetrachloroethene	<2	ug/l			11/7/23	CRT
Toluene	<2	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<2	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<2	ug/l			11/7/23	CRT
Trichloroethene	<2	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<2	ug/l			11/7/23	CRT
2-Butanone (MEK)	<20	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<20	ug/l			11/7/23	CRT
Vinyl chloride	<2	ug/l			11/7/23	CRT
Xylenes (Total)	<2	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	111	%R			11/7/23	CRT
Surrogate (Tol-d8)	86	%R			11/7/23	CRT
Surrogate (4-BFB)	106	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

CES Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: LCS Monitoring Wells
DATE: 11/09/2023

SAMPLE NUMBER- 902410 SAMPLE ID- Well #3 SAMPLE MATRIX- WW
DATE SAMPLED- 11/02/23 TIME SAMPLED- 0730
DATE RECEIVED- 11/02/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- EW
TIME RECEIVED- 1144 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/02/23		CES	4.2	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902410 **LSL Sample ID:** 2316775-006

Location:

Sampled: 11/02/23 7:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method / Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624		
Benzene	<2	ug/l		11/7/23	CRT
Bromodichloromethane	<2	ug/l		11/7/23	CRT
Bromoform	<2	ug/l		11/7/23	CRT
Bromomethane	<2	ug/l		11/7/23	CRT
Carbon tetrachloride	<2	ug/l		11/7/23	CRT
Chlorobenzene	<2	ug/l		11/7/23	CRT
Chloroethane	<2	ug/l		11/7/23	CRT
2-Chloroethylvinyl ether	<100*	ug/l		11/7/23	CRT
Chloroform	<2	ug/l		11/7/23	CRT
Chloromethane	<2	ug/l		11/7/23	CRT
Dibromochloromethane	<2	ug/l		11/7/23	CRT
1,2-Dichlorobenzene	<2	ug/l		11/7/23	CRT
1,3-Dichlorobenzene	<2	ug/l		11/7/23	CRT
1,4-Dichlorobenzene	<2	ug/l		11/7/23	CRT
1,1-Dichloroethane	2.1	ug/l		11/7/23	CRT
1,2-Dichloroethane	<2	ug/l		11/7/23	CRT
1,1-Dichloroethene	<2	ug/l		11/7/23	CRT
trans-1,2-Dichloroethene	<2	ug/l		11/7/23	CRT
1,2-Dichloropropane	<2	ug/l		11/7/23	CRT
cis-1,3-Dichloropropene	<2	ug/l		11/7/23	CRT
trans-1,3-Dichloropropene	<2	ug/l		11/7/23	CRT
Ethyl benzene	<2	ug/l		11/7/23	CRT
Methylene chloride	<5*	ug/l		11/7/23	CRT
1,1,2,2-Tetrachloroethane	<2	ug/l		11/7/23	CRT
Tetrachloroethene	<2	ug/l		11/7/23	CRT
Toluene	<2	ug/l		11/7/23	CRT
1,1,1-Trichloroethane	<2	ug/l		11/7/23	CRT
1,1,2-Trichloroethane	<2	ug/l		11/7/23	CRT
Trichloroethene	<2	ug/l		11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<2	ug/l		11/7/23	CRT
2-Butanone (MEK)	<20	ug/l		11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<20	ug/l		11/7/23	CRT
Vinyl chloride	<2	ug/l		11/7/23	CRT
Xylenes (Total)	<2	ug/l		11/7/23	CRT
Surrogate (1,2-DCA-d4)	115	%R		11/7/23	CRT
Surrogate (Tol-d8)	87	%R		11/7/23	CRT
Surrogate (4-BFB)	112	%R		11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: LCS Monitoring Wells
DATE: 11/09/2023

SAMPLE NUMBER- 902411 SAMPLE ID- Well #4 SAMPLE MATRIX- WW
DATE SAMPLED- 11/02/23 TIME SAMPLED- 0730
DATE RECEIVED- 11/02/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- EW
TIME RECEIVED- 1144 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/02/23		CES	4.2	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902411 **LSL Sample ID:** 2316775-007

Location:

Sampled: 11/02/23 7:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<2	ug/l			11/7/23	CRT
Bromodichloromethane	<2	ug/l			11/7/23	CRT
Bromoform	<2	ug/l			11/7/23	CRT
Bromomethane	<2	ug/l			11/7/23	CRT
Carbon tetrachloride	<2	ug/l			11/7/23	CRT
Chlorobenzene	<2	ug/l			11/7/23	CRT
Chloroethane	<2	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<100*	ug/l			11/7/23	CRT
Chloroform	<2	ug/l			11/7/23	CRT
Chloromethane	<2	ug/l			11/7/23	CRT
Dibromochloromethane	<2	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,1-Dichloroethane	7.4	ug/l			11/7/23	CRT
1,2-Dichloroethane	<2	ug/l			11/7/23	CRT
1,1-Dichloroethene	<2	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<2	ug/l			11/7/23	CRT
1,2-Dichloropropane	<2	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
Ethyl benzene	<2	ug/l			11/7/23	CRT
Methylene chloride	<5*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<2	ug/l			11/7/23	CRT
Tetrachloroethene	<2	ug/l			11/7/23	CRT
Toluene	<2	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<2	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<2	ug/l			11/7/23	CRT
Trichloroethene	<2	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<2	ug/l			11/7/23	CRT
2-Butanone (MEK)	<20	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<20	ug/l			11/7/23	CRT
Vinyl chloride	7.3	ug/l			11/7/23	CRT
Xylenes (Total)	<2	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	117	%R			11/7/23	CRT
Surrogate (Tol-d8)	87	%R			11/7/23	CRT
Surrogate (4-BFB)	117	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: LCS Monitoring Wells
DATE: 11/09/2023

SAMPLE NUMBER- 902412 SAMPLE ID- Well #5 SAMPLE MATRIX- WW
DATE SAMPLED- 11/02/23 TIME SAMPLED- 0730
DATE RECEIVED- 11/02/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- EW
TIME RECEIVED- 1144 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/02/23		CES	4.2	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902412 **LSL Sample ID:** 2316775-008

Location:

Sampled: 11/02/23 7:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<2	ug/l			11/7/23	CRT
Bromodichloromethane	<2	ug/l			11/7/23	CRT
Bromoform	<2	ug/l			11/7/23	CRT
Bromomethane	<2	ug/l			11/7/23	CRT
Carbon tetrachloride	<2	ug/l			11/7/23	CRT
Chlorobenzene	<2	ug/l			11/7/23	CRT
Chloroethane	<2	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<100*	ug/l			11/7/23	CRT
Chloroform	<2	ug/l			11/7/23	CRT
Chloromethane	<2	ug/l			11/7/23	CRT
Dibromochloromethane	<2	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,1-Dichloroethane	<2	ug/l			11/7/23	CRT
1,2-Dichloroethane	<2	ug/l			11/7/23	CRT
1,1-Dichloroethene	<2	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<2	ug/l			11/7/23	CRT
1,2-Dichloropropane	<2	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
Ethyl benzene	<2	ug/l			11/7/23	CRT
Methylene chloride	<5*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<2	ug/l			11/7/23	CRT
Tetrachloroethene	<2	ug/l			11/7/23	CRT
Toluene	<2	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<2	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<2	ug/l			11/7/23	CRT
Trichloroethene	<2	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<2	ug/l			11/7/23	CRT
2-Butanone (MEK)	<20	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<20	ug/l			11/7/23	CRT
Vinyl chloride	<2	ug/l			11/7/23	CRT
Xylenes (Total)	<2	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	117	%R			11/7/23	CRT
Surrogate (Tol-d8)	86	%R			11/7/23	CRT
Surrogate (4-BFB)	108	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

CHAIN OF CUSTODY RECORD (SEE BACK FOR TERMS & CONDITIONS)

CES Certified Environmental Services, Inc.
7280 Caswell St. (Hancock Air Park)
North Syracuse, New York 13212
Phone 315-478-2374
Fax 315-478-2107

CES BATCH NO: K7426 PAGE ____ OF ____

Turn-Around Time Standard TAT is end of day, 10 working days after lab receipt. Samples received after 2 pm are considered next day business. Rush TAT subject to laboratory approval and surcharges.

☐ Standard ☐ 5 Working Days ☐ 3 Working Days
☐ 2 Working Days ☐ 1 Working Days

CLIENT NAME: PYRAMID
ADDRESS:
CONTACT NAME:
CLIENT PHONE: 315-466-6000 FAX:
PROJECT #/NAME/PO #: L.C.S. MONITORING WELLS

CES LOG NUMBERS (INTERNAL USE/DO NOT WRITE)	Collected Date	Collected Time	Matrix	Grab or Comp.	CLIENT ID/SAMPLE LOCATION	Number of Containers	1 GO1/GO2	2	3	4	5	6	7	8	9	10	Remarks
902408	11/2/23	07:30		GRAB	WELL #1	2	✓										
902409	11/2/23	07:30		GRAB	WELL #2	2	✓										
902410	11/2/23	07:30		GRAB	WELL #3	2	✓										
902411	11/2/23	07:30		GRAB	WELL #4	2	✓										
902412	11/2/23	07:30		GRAB	WELL #5	2	✓										

Parameter and Method:	Sample bottle: Type	Sample bottle: Size	Preservative Code:
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Preservative Codes: A= Unpreserved B=H_2SO_4 C=HCl D=NaOH E=Ascorbic Acid F=HNO_3 G=$Na_2S_2O_3$ H=_____ I=_____

Samples Collected By:
Name (Print): ROBERT KENNEDY
Signature:
Company:

Remarks:

RELINQUISHED BY:	Date	Time	RECEIVED BY:
Name: ROBERT KENNEDY Signature:	11/2/23	11:26	Name: David Haines Signature:
Name: David Haines Signature:	11/2/23	1144	Name: Eric Wolf Signature:

Samples Received in Good Condition: ☐ Yes ☐ No

Receipt Temperature: 4.2 °C

CES

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

Sample Receiving Checklist

Client Name: Pyramid

Batch Number: K7426

	Yes	No	If No Explain:
1. Proper Full and Complete Documentation:	☑	☐	
2. Appropriate Sample Containers:	☑	☐	
3. Adequate Sample Volume:	☑	☐	
4. Hold Time(OK):	☑	☐	
5. Proper Sample Labeling:	☑	☐	
6. Sample Temperature:	☑	☐	
7. Sample Received on Ice:	☑	☐	
8. Preservation OK:	☐	☐	

(If preservation required note Lot # associated with preservative if available.)

H_2SO_4 **WC** HNO_3 **MT** NaOH **WCSP** Ascorbic Acid **WC**

HCl **WCSP** 3658 $Na_2S_2O_3$ **WC** Other _____ Not Available ☐

Additional Comments/Client Correspondence _____

Sample(s) Received By: EW Sample(s) Logged In By: [signature]

DOCUMENT ID: SRCL072522 Approved by: RRB Date Put In Place: 3/13/23

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: Leak Detects
DATE: 11/09/2023

SAMPLE NUMBER- 902405 SAMPLE ID- Well #2 SAMPLE MATRIX- WW
DATE SAMPLED- 11/02/23 TIME SAMPLED- 0730
DATE RECEIVED- 11/02/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- EW
TIME RECEIVED- 0730 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/02/23		CES	4.2	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

- - LABORATORY ANALYSIS REPORT - -

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902405 LSL Sample ID: 2316775-001

Location:

Sampled: 11/02/23 7:30 Sampled By:

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<5	ug/l			11/7/23	CRT
Bromodichloromethane	<5	ug/l			11/7/23	CRT
Bromoform	<5	ug/l			11/7/23	CRT
Bromomethane	<5	ug/l			11/7/23	CRT
Carbon tetrachloride	<5	ug/l			11/7/23	CRT
Chlorobenzene	<5	ug/l			11/7/23	CRT
Chloroethane	15	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<200*	ug/l			11/7/23	CRT
Chloroform	<5	ug/l			11/7/23	CRT
Chloromethane	<5	ug/l			11/7/23	CRT
Dibromochloromethane	<5	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,1-Dichloroethane	5.5	ug/l			11/7/23	CRT
1,2-Dichloroethane	<5	ug/l			11/7/23	CRT
1,1-Dichloroethene	<5	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<5	ug/l			11/7/23	CRT
1,2-Dichloropropane	<5	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
Ethyl benzene	<5	ug/l			11/7/23	CRT
Methylene chloride	<10*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<5	ug/l			11/7/23	CRT
Tetrachloroethene	<5	ug/l			11/7/23	CRT
Toluene	<5	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<5	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<5	ug/l			11/7/23	CRT
Trichloroethene	<5	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<5	ug/l			11/7/23	CRT
2-Butanone (MEK)	<50	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<50	ug/l			11/7/23	CRT
Vinyl chloride	<5	ug/l			11/7/23	CRT
Xylenes (Total)	<5	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	109	%R			11/7/23	CRT
Surrogate (Tol-d8)	86	%R			11/7/23	CRT
Surrogate (4-BFB)	109	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit. Elevated detection limits due to the excessive foaming properties of the sample.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

DATE: 11/15/2023

PROJECT NAME: Leak Detects

SAMPLE NUMBER- 902406 SAMPLE ID- Well #3 SAMPLE MATRIX- WW
DATE SAMPLED- 11/02/23 TIME SAMPLED- 0730
DATE RECEIVED- 11/02/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- EW
TIME RECEIVED- 0730 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/02/23		CES	4.2	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

Note: Revised report for Sample ID. This report replaces the report issued on 11/9/23.

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

*See Attached Report

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902406 **LSL Sample ID:** 2316775-002

Location:

Sampled: 11/02/23 7:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<5	ug/l			11/7/23	CRT
Bromodichloromethane	<5	ug/l			11/7/23	CRT
Bromoform	<5	ug/l			11/7/23	CRT
Bromomethane	<5	ug/l			11/7/23	CRT
Carbon tetrachloride	<5	ug/l			11/7/23	CRT
Chlorobenzene	<5	ug/l			11/7/23	CRT
Chloroethane	<5	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<200*	ug/l			11/7/23	CRT
Chloroform	<5	ug/l			11/7/23	CRT
Chloromethane	<5	ug/l			11/7/23	CRT
Dibromochloromethane	<5	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,1-Dichloroethane	<5	ug/l			11/7/23	CRT
1,2-Dichloroethane	<5	ug/l			11/7/23	CRT
1,1-Dichloroethene	<5	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<5	ug/l			11/7/23	CRT
1,2-Dichloropropane	<5	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
Ethyl benzene	<5	ug/l			11/7/23	CRT
Methylene chloride	<10*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<5	ug/l			11/7/23	CRT
Tetrachloroethene	<5	ug/l			11/7/23	CRT
Toluene	<5	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<5	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<5	ug/l			11/7/23	CRT
Trichloroethene	<5	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<5	ug/l			11/7/23	CRT
2-Butanone (MEK)	<50	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<50	ug/l			11/7/23	CRT
Vinyl chloride	<5	ug/l			11/7/23	CRT
Xylenes (Total)	<5	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	112	%R			11/7/23	CRT
Surrogate (Tol-d8)	85	%R			11/7/23	CRT
Surrogate (4-BFB)	112	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit. Elevated detection limits due to the excessive foaming properties of the sample.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

CES Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: Leak Detects
DATE: 11/09/2023

SAMPLE NUMBER- 902407 SAMPLE ID- Well #5 SAMPLE MATRIX- WW
DATE SAMPLED- 11/02/23 TIME SAMPLED- 0730
DATE RECEIVED- 11/02/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- EW
TIME RECEIVED- 0730 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/02/23		CES	4.2	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902407 LSL Sample ID: 2316775-003

Location:

Sampled: 11/02/23 7:30 Sampled By:

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<5	ug/l			11/7/23	CRT
Bromodichloromethane	<5	ug/l			11/7/23	CRT
Bromoform	<5	ug/l			11/7/23	CRT
Bromomethane	<5	ug/l			11/7/23	CRT
Carbon tetrachloride	<5	ug/l			11/7/23	CRT
Chlorobenzene	<5	ug/l			11/7/23	CRT
Chloroethane	<5	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<200*	ug/l			11/7/23	CRT
Chloroform	<5	ug/l			11/7/23	CRT
Chloromethane	<5	ug/l			11/7/23	CRT
Dibromochloromethane	<5	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,1-Dichloroethane	<5	ug/l			11/7/23	CRT
1,2-Dichloroethane	<5	ug/l			11/7/23	CRT
1,1-Dichloroethene	<5	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<5	ug/l			11/7/23	CRT
1,2-Dichloropropane	<5	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
Ethyl benzene	<5	ug/l			11/7/23	CRT
Methylene chloride	<10*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<5	ug/l			11/7/23	CRT
Tetrachloroethene	<5	ug/l			11/7/23	CRT
Toluene	<5	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<5	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<5	ug/l			11/7/23	CRT
Trichloroethene	<5	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<5	ug/l			11/7/23	CRT
2-Butanone (MEK)	<50	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<50	ug/l			11/7/23	CRT
Vinyl chloride	<5	ug/l			11/7/23	CRT
Xylenes (Total)	<5	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	108	%R			11/7/23	CRT
Surrogate (Tol-d8)	86	%R			11/7/23	CRT
Surrogate (4-BFB)	114	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit. Elevated detection limits due to the excessive foaming properties of the sample.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

CHAIN OF CUSTODY RECORD (SEE BACK FOR TERMS & CONDITIONS)

CES Certified Environmental Services, Inc.
7280 Caswell St. (Hancock Air Park)
North Syracuse, New York 13212
Phone 315-478-2374
Fax 315-478-2107

CES BATCH NO: K7425 PAGE ___ OF ___

Turn-Around Time: Standard TAT is end of day, 10 working days after lab receipt. Samples received after 2 pm are considered next day business. Rush TAT subject to laboratory approval and surcharges.
☐ Standard ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 1 Working Days

CLIENT NAME: PYRA MID
ADDRESS:
CONTACT NAME:
CLIENT PHONE: 315/466-6000 FAX:
PROJECT #/NAME/PO #: LEAK DETECTS

CES LOG NUMBERS (INTERNAL USE/DO NOT WRITE)	Collected Date	Collected Time	Matrix	Grab or Comp.	CLIENT ID/SAMPLE LOCATION	Number of Containers	1 (801/602)	2	3	4	5	6	7	8	9	10	Remarks
902405	11/2/23	07:30		GRAB	WELL #2	2	✓										
902406	11/2/23	07:30		GRAB	WELL #4	2	✓										
902407	11/2/23	07:30		GRAB	WELL #5	2	✓										

Parameter and Method:	Sample bottle: Type	Size	Preservative Code:
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Preservative Codes: A= Unpreserved B=H_2SO_4 C=HCl D=NaOH E=Ascorbic Acid F=HNO_3 G=$Na_2S_2O_3$ H=________ I=________

Samples Collected By:
Name (Print): ROBERT KENNEDY
Signature: [signature]
Company:

Remarks:

RELINQUISHED BY:	Date	Time	RECEIVED BY:
Name: ROBERT KENNEDY Signature: [signature]	11/2/23	11:26	Name: David Haines Signature: [signature]
Name: David Haines Signature: [signature]	11/2/23	1144	Name: Eric Wolf Signature: [signature]

Samples Received in Good Condition: ☐ Yes ☐ No

Receipt Temperature: 4.2 °C

902406 11/9/23 K7425

Barb

From: LaSalle, Brett [blasalle@destinyusa.com]
Sent: Wednesday, November 15, 2023 9:19 AM
To: Barb; OM106- Dadd, Jeannie
Cc: Munger, Brandon
Subject: Re: URGENT Well Samples
Attachments: image001.jpg

Good morning Barb
Any news on the requested updated reports? Thank you

Sent from my T-Mobile 5G Device
Get Outlook for Android

From: LaSalle, Brett <blasalle@destinyusa.com>
Sent: Friday, November 10, 2023 4:49:12 PM
To: Barb <barb@certifiedenvironmental.com>; OM106- Dadd, Jeannie <JeannieDadd@destinyusa.com>
Cc: Munger, Brandon <BrandonMunger@pyramidmg.com>
Subject: RE: URGENT Well Samples

Hi Barb

There seems to be a discrepancy on the LDS paperwork. On the chain of custody, we mistakenly listed LDS #4 instead of #3. Wells sampled were #'s 2,3 and 5, same as the samples taken on 6/1/23.
Can you please resubmit the paperwork to reflect this error on my part.

Thank you

From: Barb <barb@certifiedenvironmental.com>
Sent: Thursday, November 09, 2023 4:20 PM
To: OM106- Dadd, Jeannie <JeannieDadd@destinyusa.com>
Cc: Munger, Brandon <BrandonMunger@pyramidmg.com>; LaSalle, Brett <blasalle@destinyusa.com>
Subject: RE: URGENT Well Samples

Barbara L. DuChene
Laboratory Operations Manager/VP Laboratory Services
Certified Environmental Services, Inc.
7280 Caswell Street
North Syracuse, NY 13212
Ph: 315-478-2374 ext. 312
Fax: 315-478-2107

CES Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

Sample Receiving Checklist

Client Name: Pyramid

Batch Number: K7425

	Yes	No	If No Explain:
1. Proper Full and Complete Documentation:	☑	☐	
2. Appropriate Sample Containers:	☑	☐	
3. Adequate Sample Volume:	☑	☐	
4. Hold Time(OK):	☑	☐	
5. Proper Sample Labeling:	☑	☐	
6. Sample Temperature:	☑	☐	
7. Sample Received on Ice:	☑	☐	
8. Preservation OK:	☐	☐	

(If preservation required note Lot # associated with preservative if available.)

H_2SO_4 **WC** HNO3 **MT** NaOH **WCSP** Ascorbic Acid **WC**

HCl **WCSP** 3658 $Na_2S_2O_3$ **WC** Other _____ Not Available ☐

Additional Comments/Client Correspondence _____

Sample(s) Received By: EW Sample(s) Logged In By: _____

DOCUMENT ID: SRCL072522 **Approved by: RRB** **Date Put In Place: 3/13/23**

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: Ground Water Monitoring Wells
DATE: 11/09/2023

SAMPLE NUMBER- 902477 SAMPLE ID- Well #1 SAMPLE MATRIX- WW
DATE SAMPLED- 11/03/23 TIME SAMPLED- 0830
DATE RECEIVED- 11/03/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- RS
TIME RECEIVED- 1053 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/03/23		CES	2.8	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902477 **LSL Sample ID:** 2316824-002

Location:

Sampled: 11/03/23 8:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<2	ug/l			11/7/23	CRT
Bromodichloromethane	<2	ug/l			11/7/23	CRT
Bromoform	<2	ug/l			11/7/23	CRT
Bromomethane	<2	ug/l			11/7/23	CRT
Carbon tetrachloride	<2	ug/l			11/7/23	CRT
Chlorobenzene	<2	ug/l			11/7/23	CRT
Chloroethane	<2	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<100	ug/l			11/7/23	CRT
Chloroform	<2	ug/l			11/7/23	CRT
Chloromethane	<2	ug/l			11/7/23	CRT
Dibromochloromethane	<2	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,1-Dichloroethane	<2	ug/l			11/7/23	CRT
1,2-Dichloroethane	<2	ug/l			11/7/23	CRT
1,1-Dichloroethene	<2	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<2	ug/l			11/7/23	CRT
1,2-Dichloropropane	<2	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
Ethyl benzene	<2	ug/l			11/7/23	CRT
Methylene chloride	<5*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<2*	ug/l			11/7/23	CRT
Tetrachloroethene	<2	ug/l			11/7/23	CRT
Toluene	<2	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<2	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<2	ug/l			11/7/23	CRT
Trichloroethene	7.2	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<2	ug/l			11/7/23	CRT
2-Butanone (MEK)	<20	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<20	ug/l			11/7/23	CRT
Vinyl chloride	<2	ug/l			11/7/23	CRT
Xylenes (Total)	<2	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	112	%R			11/7/23	CRT
Surrogate (Tol-d8)	85	%R			11/7/23	CRT
Surrogate (4-BFB)	111	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: Ground Water Monitoring Wells
DATE: 11/09/2023

SAMPLE NUMBER- 902478 SAMPLE ID- Well #2 SAMPLE MATRIX- WW
DATE SAMPLED- 11/03/23 TIME SAMPLED- 0830
DATE RECEIVED- 11/03/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- RS
TIME RECEIVED- 1053 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/03/23		CES	2.8	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902478 **LSL Sample ID:** 2316824-003

Location:

Sampled: 11/03/23 8:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<2	ug/l			11/7/23	CRT
Bromodichloromethane	<2	ug/l			11/7/23	CRT
Bromoform	<2	ug/l			11/7/23	CRT
Bromomethane	<2	ug/l			11/7/23	CRT
Carbon tetrachloride	<2	ug/l			11/7/23	CRT
Chlorobenzene	<2	ug/l			11/7/23	CRT
Chloroethane	<2	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<100	ug/l			11/7/23	CRT
Chloroform	<2	ug/l			11/7/23	CRT
Chloromethane	<2	ug/l			11/7/23	CRT
Dibromochloromethane	<2	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,1-Dichloroethane	<2	ug/l			11/7/23	CRT
1,2-Dichloroethane	<2	ug/l			11/7/23	CRT
1,1-Dichloroethene	<2	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<2	ug/l			11/7/23	CRT
1,2-Dichloropropane	<2	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
Ethyl benzene	<2	ug/l			11/7/23	CRT
Methylene chloride	<5*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<2*	ug/l			11/7/23	CRT
Tetrachloroethene	<2	ug/l			11/7/23	CRT
Toluene	<2	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<2	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<2	ug/l			11/7/23	CRT
Trichloroethene	<2	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<2	ug/l			11/7/23	CRT
2-Butanone (MEK)	<20	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<20	ug/l			11/7/23	CRT
Vinyl chloride	<2	ug/l			11/7/23	CRT
Xylenes (Total)	<2	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	116	%R			11/7/23	CRT
Surrogate (Tol-d8)	84	%R			11/7/23	CRT
Surrogate (4-BFB)	113	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: Ground Water Monitoring Wells
DATE: 11/09/2023

SAMPLE NUMBER- 902479 SAMPLE ID- Well #3 SAMPLE MATRIX- WW
DATE SAMPLED- 11/03/23 TIME SAMPLED- 0830
DATE RECEIVED- 11/03/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- RS
TIME RECEIVED- 1053 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/03/23		CES	2.8	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902479 **LSL Sample ID:** 2316824-004

Location:

Sampled: 11/03/23 8:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<2	ug/l			11/7/23	CRT
Bromodichloromethane	<2	ug/l			11/7/23	CRT
Bromoform	<2	ug/l			11/7/23	CRT
Bromomethane	<2	ug/l			11/7/23	CRT
Carbon tetrachloride	<2	ug/l			11/7/23	CRT
Chlorobenzene	<2	ug/l			11/7/23	CRT
Chloroethane	<2	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<100	ug/l			11/7/23	CRT
Chloroform	<2	ug/l			11/7/23	CRT
Chloromethane	<2	ug/l			11/7/23	CRT
Dibromochloromethane	<2	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<2	ug/l			11/7/23	CRT
1,1-Dichloroethane	<2	ug/l			11/7/23	CRT
1,2-Dichloroethane	<2	ug/l			11/7/23	CRT
1,1-Dichloroethene	<2	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<2	ug/l			11/7/23	CRT
1,2-Dichloropropane	<2	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<2	ug/l			11/7/23	CRT
Ethyl benzene	<2	ug/l			11/7/23	CRT
Methylene chloride	<5*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<2*	ug/l			11/7/23	CRT
Tetrachloroethene	<2	ug/l			11/7/23	CRT
Toluene	<2	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<2	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<2	ug/l			11/7/23	CRT
Trichloroethene	<2	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<2	ug/l			11/7/23	CRT
2-Butanone (MEK)	<20	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<20	ug/l			11/7/23	CRT
Vinyl chloride	<2	ug/l			11/7/23	CRT
Xylenes (Total)	<2	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	115	%R			11/7/23	CRT
Surrogate (Tol-d8)	84	%R			11/7/23	CRT
Surrogate (4-BFB)	109	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: Ground Water Monitoring Wells
DATE: 11/09/2023

SAMPLE NUMBER- 902480 SAMPLE ID- Well #4 SAMPLE MATRIX- WW
DATE SAMPLED- 11/03/23 TIME SAMPLED- 0830
DATE RECEIVED- 11/03/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- RS
TIME RECEIVED- 1053 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/03/23		CES	2.8	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY: _____
(Terms and Conditions on Reverse Side)
Barbara L. DuChene
Laboratory Manager

-- LABORATORY ANALYSIS REPORT --

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902480 **LSL Sample ID:** 2316824-005

Location:

Sampled: 11/03/23 8:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<5	ug/l			11/7/23	CRT
Bromodichloromethane	<5	ug/l			11/7/23	CRT
Bromoform	<5	ug/l			11/7/23	CRT
Bromomethane	<5	ug/l			11/7/23	CRT
Carbon tetrachloride	<5	ug/l			11/7/23	CRT
Chlorobenzene	<5	ug/l			11/7/23	CRT
Chloroethane	<5	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<200	ug/l			11/7/23	CRT
Chloroform	<5	ug/l			11/7/23	CRT
Chloromethane	<5	ug/l			11/7/23	CRT
Dibromochloromethane	<5	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,1-Dichloroethane	<5	ug/l			11/7/23	CRT
1,2-Dichloroethane	<5	ug/l			11/7/23	CRT
1,1-Dichloroethene	<5	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<5	ug/l			11/7/23	CRT
1,2-Dichloropropane	<5	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
Ethyl benzene	<5	ug/l			11/7/23	CRT
Methylene chloride	<10*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<5*	ug/l			11/7/23	CRT
Tetrachloroethene	<5	ug/l			11/7/23	CRT
Toluene	<5	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<5	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<5	ug/l			11/7/23	CRT
Trichloroethene	<5	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<5	ug/l			11/7/23	CRT
2-Butanone (MEK)	<50	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<50	ug/l			11/7/23	CRT
Vinyl chloride	<5	ug/l			11/7/23	CRT
Xylenes (Total)	<5	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	123	%R			11/7/23	CRT
Surrogate (Tol-d8)	83	%R			11/7/23	CRT
Surrogate (4-BFB)	109	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

Carousel Center Company LP
9090 Carousel Center
Syracuse, NY 13290-
Attn: Mr. Robert Schoeneck

PROJECT NAME: Ground Water Monitoring Wells
DATE: 11/09/2023

SAMPLE NUMBER- 902481 SAMPLE ID- Well #5 SAMPLE MATRIX- WW
DATE SAMPLED- 11/03/23 TIME SAMPLED- 0830
DATE RECEIVED- 11/03/23 SAMPLER- R.Kennedy-Carousel Center RECEIVED BY- RS
TIME RECEIVED- 1053 DELIVERED BY- D.Haines(CES) TYPE SAMPLE- Grab

Page 1 of 1

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		11/03/23		CES	2.8	Degrees C
Subcontracted Analysis		11/09/23		LSL	*	

*See Attached Report

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

- - LABORATORY ANALYSIS REPORT - -

Certified Environmental Services *North Syracuse, NY*

Sample ID: 902481 **LSL Sample ID:** 2316824-006

Location:

Sampled: 11/03/23 8:30 **Sampled By:**

Sample Matrix: NPW

Analytical Method / Analyte	Result	Units	Prep Method	Prep Date	Analysis Date & Time	Analyst Initials
(1) EPA 624.1 Volatiles			EPA 624			
Benzene	<5	ug/l			11/7/23	CRT
Bromodichloromethane	<5	ug/l			11/7/23	CRT
Bromoform	<5	ug/l			11/7/23	CRT
Bromomethane	<5	ug/l			11/7/23	CRT
Carbon tetrachloride	<5	ug/l			11/7/23	CRT
Chlorobenzene	<5	ug/l			11/7/23	CRT
Chloroethane	<5	ug/l			11/7/23	CRT
2-Chloroethylvinyl ether	<200	ug/l			11/7/23	CRT
Chloroform	<5	ug/l			11/7/23	CRT
Chloromethane	<5	ug/l			11/7/23	CRT
Dibromochloromethane	<5	ug/l			11/7/23	CRT
1,2-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,3-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,4-Dichlorobenzene	<5	ug/l			11/7/23	CRT
1,1-Dichloroethane	<5	ug/l			11/7/23	CRT
1,2-Dichloroethane	<5	ug/l			11/7/23	CRT
1,1-Dichloroethene	<5	ug/l			11/7/23	CRT
trans-1,2-Dichloroethene	<5	ug/l			11/7/23	CRT
1,2-Dichloropropane	<5	ug/l			11/7/23	CRT
cis-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
trans-1,3-Dichloropropene	<5	ug/l			11/7/23	CRT
Ethyl benzene	<5	ug/l			11/7/23	CRT
Methylene chloride	<10*	ug/l			11/7/23	CRT
1,1,2,2-Tetrachloroethane	<5*	ug/l			11/7/23	CRT
Tetrachloroethene	<5	ug/l			11/7/23	CRT
Toluene	<5	ug/l			11/7/23	CRT
1,1,1-Trichloroethane	<5	ug/l			11/7/23	CRT
1,1,2-Trichloroethane	<5	ug/l			11/7/23	CRT
Trichloroethene	<5	ug/l			11/7/23	CRT
Trichlorofluoromethane (Freon 11)	<5	ug/l			11/7/23	CRT
2-Butanone (MEK)	<50	ug/l			11/7/23	CRT
4-Methyl-2-pentanone (MIBK)	<50	ug/l			11/7/23	CRT
Vinyl chloride	<5	ug/l			11/7/23	CRT
Xylenes (Total)	<5	ug/l			11/7/23	CRT
Surrogate (1,2-DCA-d4)	118	%R			11/7/23	CRT
Surrogate (Tol-d8)	86	%R			11/7/23	CRT
Surrogate (4-BFB)	109	%R			11/7/23	CRT

As per NELAC regulation, disclosure of the following condition is required. The result of the laboratory control sample was less than the established limit.

Analysis performed by ELAP #10248

Analysis performed at: *(1) LSL Central Lab, (2) LSL North Lab, (3) LSL Finger Lakes Lab*

CHAIN OF CUSTODY RECORD (SEE BACK FOR TERMS & CONDITIONS)

CES Certified Environmental Services, Inc.
7280 Caswell St. (Hancock Air Park)
North Syracuse, New York 13212
Phone 315-478-2374
Fax 315-478-2107

CES BATCH NO: K7455 PAGE ___ OF ___

Turn-Around Time Standard TAT is end of day, 10 working days after lab receipt. Samples received after 2 pm are considered next day business. Rush TAT subject to laboratory approval and surcharges.

☐ Standard ☐ 5 Working Days ☐ 3 Working Days ☐ 2 Working Days ☐ 1 Working Days

CLIENT NAME: PYRAMID
CLIENT PHONE: 315/466-6000 FAX:
ADDRESS:
PROJECT #/NAME/PO/#: GROUND WATER MONITORING WELLS
CONTACT NAME:

CES LOG NUMBERS (INTERNAL USE/DO NOT WRITE)	Collected Date	Collected Time	Matrix	Grab or Comp.	CLIENT ID/SAMPLE LOCATION	Number of Containers	1 (60ml / 60ml)	2	3	4	5	6	7	8	9	10	Remarks
902477	11/3/23	08:30		GRAB	WELL #1	2	✓										
902478	11/3/23	08:30		GRAB	WELL #2	2	✓										
902479	11/3/23	08:30		GRAB	WELL #3	2	✓										
902480	11/3/23	08:30		GRAB	WELL #4	2	✓										
902481	11/3/23	08:30		GRAB	WELL #5	2	✓										

Parameter and Method:	Sample bottle: Type	Sample bottle: Size	Preservative Code:
1			
2			
3			
4			
5			
6			
7			
8			
9			
10			

Preservative Codes: A= Unpreserved B=H_2SO_4 C=HCl D=NaOH E=Ascorbic Acid F=HNO_3 G=$Na_2S_2O_3$ H=_____ I=_____

Samples Collected By:
Name (Print): ROBERT KENNEDY
Signature:
Company:

Remarks:

RELINQUISHED BY:	Date	Time	RECEIVED BY:
Name: ROBERT KENNEDY	11/3/23	1035	Name: David Haines
Signature:			Signature:
Name: David Haines	11/3/23	1053	Name:
Signature:			Signature:

Samples Received in Good Condition: ☑ Yes ☐ No

Receipt Temperature: 2.8 °C

CES Certified Environmental Services, Inc.

7280 Caswell Street
North Syracuse, NY 13212
Phone 315-478-2374
Fax 315-478-2107

Sample Receiving Checklist

Client Name: Pyramid

Batch Number: K7455

	Yes	No	If No Explain:
1. Proper Full and Complete Documentation:	☑	☐	
2. Appropriate Sample Containers:	☑	☐	
3. Adequate Sample Volume:	☑	☐	
4. Hold Time(OK):	☑	☐	
5. Proper Sample Labeling:	☑	☐	
6. Sample Temperature:	☑	☐	
7. Sample Received on Ice:	☑	☐	
8. Preservation OK:	☑	☐	

(If preservation required note Lot # associated with preservative if available.)

H_2SO_4 **WC** HNO_3 **MT** NaOH **WCSP** Ascorbic Acid **WC**

HCl **WCSP** 3658 $Na_2S_2O_3$ **WC** Other _____ Not Available ☐

Additional Comments/Client Correspondence _____

Sample(s) Received By: _____ Sample(s) Logged In By: _____

DOCUMENT ID: SRCL072522 **Approved by: RRB** **Date Put In Place: 3/13/23**

APPENDIX G

LDS Field Logs

GROUND WATER SAMPLING FIELD LOG

Sample Location: LDS Well No. : 1

Sampled By: BOB KENNEDY Date: 11/2/23 Time: 0730

Weather: CLEAR 36° Sampled with Bailer: _____ Pump: _____

A. WATER TABLE:
- Well Depth (below top of casing): _____ ft.
- Well Elevation (below top of casing): _____ ft.
- Depth to Water Table (below top of casing): _____ ft.
- Water Table Elevation: _____
- Length of Water Column: _____ ft.
- Volume of water in well:
  - 2" diameter wells = 0.163 x (LWC) = _____ gallons x3
  - 4" diameter wells = 0.653 x (LWC) = _____ gallons
  - 6" diameter wells = 1.469 x (LWC) = _____

B. PHYSICAL APPERANCE AT START
- Color: _____ Odor: _____ Turbidity: _____
- Was an oil film or layer apparent? _____

C. PREPARATION OF WELL FOR SAMPLING
- Amount of water removed before sampling: _____
- Did the Well go dry: _____

D. PHYSICAL APPEARANCE DURING SAMPLING
- Color: _____ Odor: _____ Turbidity: _____
- Was an oil film or layer apparent? _____

E. CONDUCTIVITY _____

F. PH _____

G. TEMPERATURE _____

H. WELL SAMPLING NOTES: ~~X~~ WELL IS DRY

GROUND WATER SAMPLING FIELD LOG

Sample Location: LDS Well No. : 2

Sampled By: BOB KENNEDY Date: 11/2/2023 Time: 0730

Weather: CLEAR 36° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): 20.09 ft.

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 15 ft.

Water Table Elevation: ____

Length of Water Column: 5.09 ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = .829 gallons x3 = 2.5

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: CLEAR Odor: SOME Turbidity: CLEAR

Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 2.5 GALLONS

Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING SAME

Color: ____ Odor: ____ Turbidity: ____

Was an oil film or layer apparent? ____

E. CONDUCTIVITY ____

F. PH 7.42

G. TEMPERATURE 13.3°C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location: LDS Well No. : 3

Sampled By: Bob Kennedy Date: 11/2/23 Time: 0730

Weather: Clear 36° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): 19.37 ft.

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 10.8 ft.

Water Table Elevation: ____

Length of Water Column: 8.57 ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = 1.396 gallons x3 = 4.19

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: Clear Odor: Slight Turbidity: Clear

Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 4.19 Gallons

Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING Same

Color: ____ Odor: ____ Turbidity: ____

Was an oil film or layer apparent? NO

E. CONDUCTIVITY ____

F. PH 7.35

G. TEMPERATURE 14.1°c

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location: LDS Well No. : 4

Sampled By: BOB KENNEDY Date: 11/2/23 Time: 0730

Weather: CLEAR 36° Sampled with Bailer: _____ Pump: _____

A. WATER TABLE:
Well Depth (below top of casing): _____ ft.
Well Elevation (below top of casing): _____ ft.
Depth to Water Table (below top of casing): _____ ft.
Water Table Elevation: _____
Length of Water Column: _____ ft.
Volume of water in well:
2" diameter wells = 0.163 x (LWC) = _____ gallons x3
4" diameter wells = 0.653 x (LWC) = _____ gallons
6" diameter wells = 1.469 x (LWC) = _____

B. PHYSICAL APPERANCE AT START
Color: _____ Odor: _____ Turbidity: _____
Was an oil film or layer apparent? _____

C. PREPARATION OF WELL FOR SAMPLING
Amount of water removed before sampling: _____
Did the Well go dry: _____

D. PHYSICAL APPEARANCE DURING SAMPLING
Color: _____ Odor: _____ Turbidity: _____
Was an oil film or layer apparent? _____

E. CONDUCTIVITY _____

F. PH _____

G. TEMPERATURE _____

H. WELL SAMPLING NOTES: ~~X~~ WELL IS DRY

GROUND WATER SAMPLING FIELD LOG

Sample Location: LDS Well No.: 5

Sampled By: BOB KENNEDY Date: 11/2/23 Time: 0730

Weather: CLEAR 36° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): 19.55 ft.

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 8.3 ft.

Water Table Elevation: ____

Length of Water Column: 11.25 ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = 1.83 gallons x3 = 5.5

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: GRAY Odor: NONE Turbidity: CLOUDY

Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 5.5 GALLONS

Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING SAME

Color: ____ Odor: ____ Turbidity: ____

Was an oil film or layer apparent? ____

E. CONDUCTIVITY ____

F. PH 7.77

G. TEMPERATURE 11.6°C.

H. WELL SAMPLING NOTES:

APPENDIX H

Groundwater Monitoring Well Field Logs

GROUND WATER SAMPLING FIELD LOG

Sample Location: GWM Well No. : 1

Sampled By: BOB KENNEDY Date: 11/3/23 Time: 08:00

Weather: CLEAR 45° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): 14.63 ft.

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 11 ft.

Water Table Elevation: ____

Length of Water Column: 3.63 ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = .591 gallons x3 = 1.75

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: CLEAR Odor: SLIGHT Turbidity: CLEAR

Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 1.75 GAL.

Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING SAME

Color: ____ Odor: ____ Turbidity: ____

Was an oil film or layer apparent? NO

E. CONDUCTIVITY ____

F. PH 8.40

G. TEMPERATURE 15.1°C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location: GWM Well No.: 2

Sampled By: BOB KENNEDY Date: 11/3/23 Time: 08:00

Weather: CLEAR/SUNNY Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): 14.10 ft.

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 10'4" ft.

Water Table Elevation: ____

Length of Water Column: 3.7 ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = .6031 gallons x3=1.8

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: CLOUDY Odor: NONE Turbidity: CLOUDY

Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 1.8 GALLONS

Did the Well go dry: ____

D. PHYSICAL APPEARANCE DURING SAMPLING SAME

Color: ____ Odor: ____ Turbidity: ____

Was an oil film or layer apparent? NO

E. CONDUCTIVITY ____

F. PH 7.56

G. TEMPERATURE 13.5 °C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location: ~~MW-5~~ GWM Well No. : 3

Sampled By: BOB KENNEDY Date: 11/3 Time: 08:30

Weather: PARTLY CL. 40° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): 14.67 ft.

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 10.8 ft.

Water Table Elevation: ____

Length of Water Column: 3.87 ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = .630 gallons x3 = 1.89

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: GREY Odor: SLIGHT Turbidity: CLOUDY

Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 1.89 GAL.

Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING SAME

Color: ____ Odor: ____ Turbidity: ____

Was an oil film or layer apparent? NO

E. CONDUCTIVITY ____

F. PH 7.77

G. TEMPERATURE 12.1 °C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location: GWM Well No. : 4

Sampled By: BOB KENNEDY Date: 11/3 Time: 0830

Weather: P/CLOUDY 40° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): 14.81 ft.

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 9.6 ft.

Water Table Elevation: ____

Length of Water Column: ~~9.6~~ 5.1 ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = .849 gallons x3 = 2.54

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: CLEAR Odor: SLIGHT Turbidity: CLEAR

Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 2.5 GALLONS

Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING SAME

Color: ____ Odor: ____ Turbidity: ____

Was an oil film or layer apparent? NO

E. CONDUCTIVITY ____

F. PH 7.37

G. TEMPERATURE 14.7°C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location: GWM Well No. : 5

Sampled By: BOB KENNEDY Date: 11/3/23 Time: 0830

Weather: P/CLOUDY WINDY 40° Sampled with Bailer: ✓ Pump: ____

A. WATER TABLE:

Well Depth (below top of casing): 17.67 ft.

Well Elevation (below top of casing): ____ ft.

Depth to Water Table (below top of casing): 13.8 ft.

Water Table Elevation: ____

Length of Water Column: 3.87 ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = .63 gallons x3 = 1.89

4" diameter wells = 0.653 x (LWC) = ____ gallons

6" diameter wells = 1.469 x (LWC) = ____

B. PHYSICAL APPERANCE AT START

Color: CLEAR Odor: NONE Turbidity: CLEAR

Was an oil film or layer apparent? NO

C. PREPARATION OF WELL FOR SAMPLING

Amount of water removed before sampling: 1.89 GAL.

Did the Well go dry: NO

D. PHYSICAL APPEARANCE DURING SAMPLING SAME

Color: ____ Odor: ____ Turbidity: ____

Was an oil film or layer apparent? NO

E. CONDUCTIVITY ____

F. PH 7.37

G. TEMPERATURE 11.0° C

H. WELL SAMPLING NOTES:

APPENDIX I

Site Observation Form

SITE OBSERVATION FORM **FORM 4**

OPERATION and MAINTENANCE MANUAL
CONTAINMENT STRUCTURE
CONKLIN LIMITED
SYRACUSE NEW YORK

DATE: 11/17/23 **INSPECTOR(S):** BRETT LASALLE
TIME: 0900 **WEATHER:** SUNNY 62°

1.) VISUAL INSPECTION OF PAVEMENT

PAVEMENT SHOWS GENERAL WEAR WITH MINOR CRACKS. CONDITION OF BLACKTOP IS SATISFACTORY - EVIDENCE OF PATCHING & POT HOLE REPAIR.

2.) VISUAL INSPECTION OF LANDSCAPE AREAS

LANDSCAPE AREAS MULCHED & MAINTAINED. NEW PLANTINGS (DEAD TREES REMOVED) CAROUSEL ENTRANCE ISLAND. ALL OTHER LANDSCAPED AREAS ARE IN GOOD SHAPE OVER CONTAINMENT AREA

3.) MAINTENANCE PERFORMED OVER CONTAINMENT AREA

- REBUILT (2) CATCH BASINS NEAR ENTRANCE TO SOUTH GARAGE
- REPAVED APPROX. 100' x 30' SECTION IN ROADWAY OVER CONTAINMENT CELL AREA.
- AREAS CLEANED & SWEPT.

4.) COMMENTS

APPENDIX J

2023 Storm Drainage Facilities Report

STORM DRAINAGE FACILITIES REPORT

FORM 5

OPERATION and MAINTENANCE MANUAL
CONTAINMENT STRUCTURE
CONKLIN LIMITED
SYRACUSE NEW YORK

DATE 11/17/2023 INSPECTOR(S) BOB KENNEDY

TIME 0900 WEATHER SUNNY 62°

CATCH BASIN NO.	FLOW CONDITION (inches)	DEPTH OF SEDIMENT (inches)	ODORS NOTED (describe)	COMMENTS
63	1/2"	1"	NONE	
64	6 3/4"		NONE	
65	9"		NONE	
66	11 1/2"		NONE	
67a	4 1/2"		NONE	
67	6 1/2"		NONE	
69	4"		NONE	
70	—	—	—	ELIMINATED
71	1/2"	0	NONE	
72	10"	3"	NONE	
73	1/2"	2"	NONE	
74	2"	3"	NONE	
75	2 1/2"	3"	NONE	