OBG

PERIODIC REVIEW REPORT

Containment Structure Site #734048







Conklin Limited Syracuse, New York

October 2018



OCTOBER 4, 2018 | 6443 | 60578

Containment Structure Site #734048

Syracuse, New York

Prepared for: Conklin Limited

TABLE OF CONTENTS

1. Introduction	3
2. Site Overview	4
2.1 Site History	4
2.2 Remedial History	4
2.3 Containment Structure	5
2.3.1 Leachate Collection System	5
2.3.2 Leak Detection System	5
2.3.3 Groundwater Monitoring System	6
3. Evaluate Remedy Performance, Effectiveness, and Protectiveness	7
3.1 Observations	7
3.2 Recommendations	7
4. IC/EC Plan Compliance Report	8
5. Monitoring Plan Compliance Report	9
6. Operation & Maintenance (O&M) Plan Compliance Report	10
6.1 Leachate Collection System	10
6.1.1 LCS Monitoring and Sampling	10
6.1.2 LCS Water Measurements	11
6.1.3 LCS Air Quality	11
6.1.4 LCS Sampling and Laboratory Analysis	11
6.1.5 Leachate Removal Quantities	12
6.2 Leak Detection System	13
6.2.1 LDS Monitoring and Sampling	13
6.2.2 LDS Water Measurements	13
6.2.3 LDS Air Quality	13
6.2.4 LDS Sampling and Laboratory Analysis	
6.2.5 Water Removal Quantities	14
6.3 Groundwater Monitoring System	15
6.3.1 Groundwater Monitoring	15
6.3.2 Groundwater Sampling and Laboratory Analysis	15
6.4 Site Observations	16
6.4.1 Site Conditions	16
6.5 Surface Water Drainage	16
6.6 O&M Conclusions and Recommendations	16
7. Overall PRP Conclusions and Recommendations	18
8. References	19

LIST OF TABLES

- 6-1 Quantity of leachate collected from leachate collection sumps
- 6-2 Leak detection sump water removal (gals)

LIST OF FIGURES

- 1 Site Location
- 2 General Site Plan
- 3 Monitoring Well Water Elevations

LIST OF APPENDICES

- A Institutional and Engineering Controls Certification Form
- B Uniform Hazardous Waste Manifests
- C Leachate Collection Sump, Leak Detection Sump, and Groundwater Monitoring Well Data
 - C-1 LCS and LDS As-built Data
 - C-2 Monitoring Data (LCSs and LDSs)
 - C-3 Depth of Water in LCSs
 - C-4 MW As-built Data
 - C-5 MW Monitoring Data
- D Laboratory Analytical Results
 - D-1 LCS-1 and LDS-1 Water Quality Data
 - D-2 LCS-2 and LDS-2 Water Quality Data
 - D-3 LCS-3 and LDS-3 Water Quality Data
 - D-4 LCS-4 and LDS-4 Water Quality Data
 - D-5 LCS-5 and LDS-5 Water Quality Data
 - D-6 MW-1 through MW-5 Water Quality Data
- E Health and Safety at Hazardous Waste Operations Course Certification
- F Form 1 Leachate Collection Sump Field Logs
- G 2016 Laboratory Analytical Reports
 - G-1 LCS Analytical Reports
 - G-2 LDS Analytical Reports
 - G-3 MW Analytical Reports
- H Form 2 Leak Detection Sump Field Logs



CONTAINMENT STRUCTURE SITE #734048 | PERIODIC REVIEW REPORT

- I Form 3 Groundwater Monitoring Well Field Logs
- J Form 4 Site Observation Form
- K Form 5 2017 Storm Drainage Facilities Report



1. INTRODUCTION

This 2017 Periodic Review Report (PRR) summarizes monitoring activities associated with the New York State Department of Environmental Conservation (NYSDEC) approved Containment Structure Site #734048 (Site) conducted by Conklin Limited during 2017 and includes data collected since 1994. The report was prepared as requested by the NYSDEC in correspondence dated November 23, 2009 (NYSDEC 2009), as modified in discussions with the NYSDEC, and in substantive conformance with the NYSDEC approved Operation and Maintenance (O&M) Manual (O'Brien & Gere (OBG) 1994). The PRRs summarizing the monitoring activities from 2009 through 2016 were submitted to the NYSDEC previously. An Institutional and Engineering Controls (IC/EC) Certification Form associated with this PRR is provided in Appendix A.

Based on review of the annual reports and monitoring information, the Containment Structure appears to be functioning appropriately and in accordance with elements provided in the Response Action Plan (RAP) (OBG 1998) with the exception of the leachate collection sumps (LCSs). Water levels in 4 of the 5 leachate collection sumps (LCS-1, LCS-2, LCS-4, and LCS-5) were above the corrective action level of 1.5 ft. in the RAP in 2017. Corrective actions prescribed in the RAP will be taken to restore the system's functionality and bring the system into compliance with the O&M Manual.

Analytical results of samples collected from the LCSs and leachate detection sumps (LDSs) do not necessitate corrective action per the RAP. Analysis of groundwater samples from the monitoring wells (MWs) indicates that the local groundwater quality is not impacted by the Containment Structure. The pavement surface above the Containment Structure is intact and appears structurally sound. No changes to the Site Management Plan (SMP) are recommended.



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 included 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 vards of VOC-impacted soils excavated from the Clark Site and portions of the Hess-1 and Buckeye properties.

An Operations and Maintenance (0&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 0&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 MWs is included 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. Uniform Hazardous Waste Manifests are included in Appendix B.

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 MWs are located outside of the Containment Structure: four MWs on the Onondaga Lake side of the structure (MW-1, MW-2, MW-3, and MW-5) and one MW (MW-4) on the Carousel Center side.

The MWs are constructed of 2-inch diameter PVC piping. Rim elevations of MWs 1 through 4 were surveyed in 1994 at the time of installation. The rim elevation of MW-5 was surveyed and rim elevations of MWs 1 through 4 were updated in 1997. Rim elevations of MWs 1 through 5 were again surveyed in 2004 and in 2011. A new MW rim elevation survey will be completed in 2018 in accordance with the O&M Manual.



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 C-1 through C-5 in Appendix C, and Tables D-1 through D-6 of Appendix D), and analysis of results. Sampling results are compared to corrective action criteria provided in the RAP.

3.1 OBSERVATIONS

- 1) VOCs detected in water collected from the Containment Structure LCSs and LDSs have been consistent with background levels attributable to the VOC-impacted soils that were placed in the Containment Structure. Samples from the Containment Structure LCSs and LDSs generally contain different constituents, at variable concentrations, then samples from groundwater MWs. Therefore, there does not appear to be a hydrologic connection between systems. Based on the data, the system appears to be functioning as designed.
- **2)** Leachate continues to enter, and be removed from, the leachate collection system. Automatic pumping of the LCSs will continue to dewater the Containment Structure. The elevated water levels in 4 of the 5 LCSs suggest that system maintenance is required in 2018 to restore its functionality per the RAP.
- 3) 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. While water levels in LDS-5 (8.80 ft) remained relatively high for the seventh consecutive year, collected water volumes continue to indicate a decreasing trend, reflected in the absence of water in LDS-1 (sixth consecutive annual occurrence) and LDS-3 (seventh consecutive annual occurrence). The secondary liner appears to be performing its design function of containing water and directing it to the LDSs although LDS-1 and LDS-3 were dry.
- 4) No pavement disturbances have been reported over the Containment Structure indicating that the HDPE cap and bituminous concrete surface cap promotes runoff and minimizes infiltration of rainfall to the Containment Structure.
- 5) Air quality, measured in terms of Lower Explosive Limit (LEL), hydrogen sulfide (H₂S), and oxygen content (O₂), has been within acceptable levels within the LCS and LDS access points.
- 6) The measured water levels and sample analytical results from the LDSs and MWs do not prompt corrective action per the RAP. System maintenance will be performed on the leachate collection system in 2018 in accordance with the RAP to restore its functionality.

3.2 RECOMMENDATIONS

Monitoring operations at the Site should continue as described in the O&M Manual.



4. IC/EC PLAN COMPLIANCE REPORT

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



CONTAINMENT STRUCTURE SITE #734048 | PERIODIC REVIEW 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 2017. Annual Reports have been submitted to the NYSDEC since 1994. Five Year Review Reports were submitted in May 1999, April 2004, and March 2009. The first annual PRR summarizing the monitoring activities from 2009 was submitted to the NYSDEC in March 2010; PRRs summarizing monitoring activities from 2010 through 2016 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 included in Appendix E.

Summaries of the data from the 24-year monitoring period are provided in Tables 6-1 and 6-2, Tables C-1 through C-5 in Appendix C, and Tables D-1 through D-6 in Appendix D. Results of the monitoring 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

Since 1994, the five LCSs have been monitored on an annual basis. Monitoring 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 leachate samples



- recording of quantities of leachate removed in aggregate from the temporary holding tank
- notation of field observations.

The Leachate Collection Sump Field Logs from 1994 through 2016 have been submitted in past years in accordance with the O&M Manual. The Leachate Collection Sump Field Logs (Form 1) for the 2017 monitoring year are included as Appendix F.

6.1.2 LCS Water Measurements

The rim and invert elevations of the LCSs are provided in Table C-1 of Appendix C. 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. A new LCS rim and invert elevation survey will be completed in 2018 to conform with the 0&M Manual.

Rim and invert elevations are used to calculate water elevation and depth of water (water level) within the LCSs that are provided in Tables C-2 and C-3 in Appendix C, respectively, for each year since 1994. Leachate has been observed within the LCSs throughout the monitoring period. As noted, leachate is automatically removed from the individual LCSs by pumps equipped with float switches. Since initial startup of the pumps, leachate depths within the sumps have been maintained at minimum depths.

As shown in Table C-3, the measured water levels in 4 of the 5 leachate collection sumps (LCS-1, LCS-2, LCS-4, and LCS-5) are above the corrective action level of 1.5 ft. in the RAP. Leachate levels have generally been less than corrective action levels in each LCS since 1994, suggesting that maintenance specified in the RAP should be performed on the leachate collection system. Additional observations include:

- The water levels recorded are the highest since the early 2000s.
- The water level in LCS-4 is the highest recorded level.
- The water level in LCS-3 was 1.43 ft. which is within 0.07 ft. of the corrective action level.

6.1.3 LCS Air Quality

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

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

6.1.4 LCS Sampling and Laboratory Analysis

Samples were collected pursuant to the O&M Manual from each of the five LCSs since 1994. Samples have been delivered to Certified Environmental Services, Inc. for analysis of VOC content using United States Environmental Protection Agency (USEPA) Method 601/602 (updated to 624/625).

Compounds detected above the laboratory detection limits within the individual LCS samples since 1994 are summarized in Appendix D as Tables D-1 through D-5. In 2017, 1,1-dichloroethane was the only compound detected in the LCSs. Concentrations of this compound were generally consistent with historical data. Additional observations include:

- 1,1-dichloroethane was detected in 2 of the 5 locations, LCS-3 (14 μg/L) and LCS-5 (10 μg/L) in 2017 as compared to detection in 4 locations in 2016.
- No compounds were detected above detection limits in LCS-1 for the first time since 1995.



- No compounds were detected above detection limits in LCS-4 for the first time since 2006.
- Lowest concentration of 1,1-dichloroethane in LCS-5 (10 μ g/L) since 2010 (6.7 μ g/L).

Laboratory reports from 1994 through 2016 have been submitted in past years in accordance with the 0&M Manual. Laboratory reports for the 2017 sampling event are included in Appendix G.

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 since 1994, as well as the estimated volume prior to automatic pump operation.

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

10/90 to 1/94	Dates	Leachate Collected (Gallons)	Annual Recovery (year) (gallons)
Period 2/94 to 6/94² 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 17,202 (2003) Period 1/04 - 12/04 16,850 16,850 (2004) Period 1/05 - 12/05 14,700 14,700 (2005) Period 1/05 - 12/05 14,700 14,700 (2005) Period 1/07 - 12/07 16,458 16,458 (2007) Period 1/09 - 12/09 10,406 10,406 (2009) Period 1/10 - 12/10 11,440 11,440 (2010) Period 1/12 - 1	10/90 to 1/94	171,000 ¹	
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 1/10 - 12/10 11,440 11,440 (2010) Period 1/10 - 12/10 11,440 11,440 (2010) Period 1/12 - 12/12 13,183 13,1		20,000	
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) Period 1/12 - 12/12 13,183 13,183 (2012) Period 1/13 - 12/13 18,542 18,542 (2013) Period 1/15 - 12/15 15,950 15,	Period 7/94 to 9/94	23,903	
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 1/05 - 12/05 15,350 15,350 (2006) Period 1/06 - 12/06 15,350 15,350 (2006) Period 1/08 - 12/07 16,458 16,458 (2007) Period 1/08 - 12/08 10,394 10,394 (2008) Period 1/10 - 12/10 11,440 11,440 (2010) Period 1/10 - 12/10 11,440 11,440 (2010) Period 1/12 - 12/12 13,183 13,183 (2012) Period 1/13 - 12/13	Period 10/94 to 12/94	10,000	53,900 (1994)
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) 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 1/95	1,601	
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) 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 2/95 - 12/95	10,050	11,651 (1995)
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) 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 1/96 - 12/96	14, 508	14,508 (1996)
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) 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 1/97 - 12/97	5,055	5,055 (1997)
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) 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 1/98 - 12/98	11,957	11,957 (1998)
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) 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 1/99 – 12/99	20,250	20,250 (1999)
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) 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 1/00 - 12/00	15,270	15,270 (2000)
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) 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 1/01 - 12/01	12,910	12,910 (2001)
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) 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 1/02 - 12/02	12,495	12,495 (2002)
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) 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 1/03 - 12/03	17,020	17,020 (2003)
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) 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 1/04 – 12/04	16,850	16,850 (2004)
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) 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 1/05 – 12/05	14,700	14,700 (2005)
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) 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 1/06 – 12/06	15,350	15,350 (2006)
Period 1/09 – 12/09 10,406 10,406 (2009) Period 1/10 – 12/10 11,440 11,440 (2010) 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 1/07 – 12/07	16,458	16,458 (2007)
Period 1/10 – 12/10 11,440 11,440 (2010) 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 1/08 – 12/08	10,394	10,394 (2008)
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)	-	10,406	10,406 (2009)
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 1/10 – 12/10	11,440	11,440 (2010)
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 1/11 - 12/11	18,846	18,846 (2011)
Period 1/14 – 12/14 12,110 12,110 (2014) Period 1/15 – 12/15 15,950 15,950 (2015)	Period 1/12 – 12/12	13,183	13,183 (2012)
Period 1/15 – 12/15 15,950 15,950 (2015)	Period 1/13 – 12/13	18,542	18,542 (2013)
	Period 1/14 – 12/14	12,110	12,110 (2014)
Period 1/16 – 12/16 12,767 12,767 (2016)	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 13,184 (2017)	Period 1/17 – 12/17	13,184	13,184 (2017)

⁽¹⁾ Estimated based on review of available records

Source: OBG

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 since 1995 were less than the response action volume of 20,800-gallons specified in the RAP.



⁽²⁾ Automatic pumping initiated

Leachate was transported by Page ETC to Vickery Environmental, Inc. in Vickery, Ohio. Hazardous Waste Manifests for the leachate transportation from the 2017 monitoring period are included as Appendix B. Hazardous Waste Manifests from 1994 through 2016 have been submitted in past years in accordance with the O&M Manual.

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.

Leak Detection Sump Field Logs from 1994 through 2016 have been submitted in past years in accordance with the O&M Manual. The Leak Detection Sump Field Logs (Form 2) for the 2017 monitoring year are included as Appendix H.

6.2.2 LDS Water Measurements

The rim and invert elevations of the LDSs are provided in Table C-1 of Appendix C. 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. To conform to the O&M Manual, a new LDS rim and invert elevation survey will be completed in 2018.

Depths to water within the individual LDSs were measured each year since 1994 and are indicated in Table C-2 of Appendix C. Calculated water elevations also appear in Table C-2.

Table C-2 indicates that, based on information provided by the Site monitor, water levels in 2017 were below corrective action levels identified in the RAP in each sump. This indicates that the leak detection system continues to function appropriately.

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 2017, measurements near the access cover to the sump have consistently been as follows:

- LEL readings of 0%
- H₂S readings of 0%
- O₂ 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 from LDS-2, LDS-4, and LDS-5 (LDS-1 and LDS-3 were dry at the time of sampling for the sixth and seventh consecutive year, respectively) were delivered to Certified Environmental Services, Inc. for analysis of VOC content using USEPA Method 601/602 (updated to 624/625).

Compounds detected above the laboratory detection limits within the individual LDS samples since 1994 are summarized in Appendix D. In 2017, 1,1-dichloroethane was the only compound detected above detection limits



at concentrations consistent with historical data in LDS-2 (7.3 $\mu g/L$) and LDS-4 (8.9 $\mu g/L$). No compounds were detected above detection limits in LDS-5.

Laboratory reports from the 1994 through 2016 sampling events have been submitted in past years in accordance with the 0&M Manual. Laboratory reports for the 2017 sampling event are included in Appendix G.

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 3/95	250 200	NM 400	250 1150	525 900	190 125	1215 1775
4/95	400					
4/95 5/95	100	600 500	175 100	925 450	700 200	2800 1350
6/95			100			
7/95	200 125	500 600	100	500 200	300 250	1600 1275
8/95	220	800	50	200 	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
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

Date (Month/Year)	LDS-1	LDS-2	LDS-3	LDS-4	LDS-5	TOTAL
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
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

Water from the LDSs was pumped into the adjacent LCSs and then to the on-Site holding tank. Water within the holding tank was transported to Vickery Environmental, Inc. in Vickery, Ohio by Page ETC. Uniform Hazardous Waste Manifest forms for 2017 are included in Appendix B. Hazardous Waste Manifests from 1994 through 2016 have been submitted in past years in accordance with the O&M Manual.

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 2017 reflect the August 29, 2011 C.T. Male survey information and are included in Table C-4 of Appendix C. A new MW rim elevation survey will be completed in 2018 to conform with the O&M Manual. Depth to water in the five groundwater MWs were gauged during monitoring events using a water level indicator. Results for 2017 are included on Form 3 - Groundwater Monitoring Field Logs, included in Appendix I. Depth to water measurements and water level calculations since 1994 are summarized in Table C-5 of Appendix C.

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 measured within the monitoring wells were variable in 2017 (Figure 3) but were generally higher than in past years reporting. Additional observations include:

- The water level in MW-3 was the highest recorded level.
- The water level in MW-4 was the highest recorded since 2007.
- The water level in MW-5 was the highest recorded since 2010.

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 since 1997 from MW-5. Samples were delivered to Certified Environmental Services, Inc. for analysis of VOC content using USEPA Method 601/602 (updated to 624/625).

Compounds detected above laboratory detection limits within the individual MWs since 1994 are summarized in Table D-6 of Appendix D. In 2017, no constituents were detected in any of the five MWs. No constituents have been detected in MW-3 since 1996, no constituents have been detected in MW-2 or MW-4 since 2006, and no constituents have been detected in MW-5 since 2002 except for a single reading of m & p xylene in 2005 (1.5 μ g/L) and a single reading of trichloroethane in 2008 (10 μ g/L).

Laboratory reports from the 1994 through 2016 sampling events have been submitted in past years in accordance with the 0&M Manual. Laboratory reports for 2017 are included in Appendix G.



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 2017 monitoring and inspection event is included in Appendix J. Inspection results to date indicate:

- the pavement in the vicinity of the Containment Structure remains in good condition
- landscaped areas have been intact with no sink holes
- no maintenance has been reported over the Containment Structure area.

6.5 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 2016 have been submitted in past years in accordance with the O&M Manual. A copy of the Storm Drainage Facilities Report for 2017 is included in Appendix K.

In 2017, pipelines were noted to be clear of sediment and no system problems were noted. 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.

6.6 O&M CONCLUSIONS AND RECOMMENDATIONS

The following results and observations are based on 2017 data:

- 1) Total manifested volume of leachate from LCSs and LDSs = 13,884 gal
- 2) Total LDS volume = 700 gal (measured)
- **3)** Total LCS volume = 13,184 gal (calculated)
- 4) The pH recorded in MW-1 had trended high for three consecutive years, before dropping to 7.94 in 2016. In 2017, a pH of 9.40 was recorded. The elevated trend may be the result of point source contributions in the area of MW-1 resulting from construction or maintenance related activities. For example, activities involving concrete and asphalt are known to contribute to pH increases in receiving waters. To evaluate the need for potential corrective actions, additional information is required. Any changes in maintenance or construction activities in the area of MW-1 since 2012 should be reported.
- 5) No compounds were detected above detection limits in any of the MWs:
 - a) No constituents have been detected in MW-3 since 1996.
 - b) No constituents have been detected in MW-2 or MW-4 since 2006.
 - c) No constituents have been detected in MW-5 since 2008.
- 6) 1,1-Dichloroethane was the only compound detected in the LCSs and LDSs.
- 7) No compounds were detected above detection limits in LCS-1 for the first time since 1995.



- 8) No compounds were detected above detection limits in LCS-4 for the first time since 2006.
- 9) Lowest concentration of 1,1-dichloroethane in LDS-2 (7.3 μ g/L) since 2006 (5.3 μ g/L).
- **10)** Sixth consecutive year with no detections in LDS-1 (dry) and seventh consecutive year with no detects in LDS-3 (dry).
- 11) The concentrations in the other LCS and LDS samples were consistent with historical data.

The following conclusions are based on Site activities from 1994 through 2017:

- 1) Samples from the Containment Structure LCSs and LDSs contain different constituents, at variable concentrations, then samples from groundwater MWs. Therefore, there does not appear to be a hydrologic connection between systems.
- 2) The measured water levels from the LDSs and MWs do not prompt corrective action per the RAP. These systems were reported to be functioning properly.
- 3) The measured water levels in 4 of the 5 leachate collection sumps (LCS-1, LCS-2, LCS-4, and LCS-5) are above the corrective action level of 1.5 ft. in the RAP. Leachate levels have generally been less than corrective action levels in each LCS since 1994, suggesting that maintenance specified in the RAP should be performed on the leachate collection system in 2018.
- 4) Water continues to drain to the LDSs where it is removed during the monitoring events. Collected volumes appear to indicate a general decreasing trend since 2002, reflected in the absence of water in LDS-1 (sixth consecutive annual occurrence) and LDS-3 (seventh consecutive annual occurrence). 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, therefore, appears to be performing its design function of containing water and directing it to the LDSs although LDS-1 and LDS-3 were dry.
- 5) No pavement disturbances have been reported over the Containment Structure indicating that the HDPE cap and bituminous concrete surface cap promotes runoff and minimizes infiltration of rainfall to the Containment Structure.
- 6) Air quality, measured in terms of LEL, O_2 , and H_2S , has been within acceptable levels within the LCSs and LDS access points.

The following recommendations are based on Site activities from 1994 through 2017:

- 1) Inspections of the LCSs, LDSs, MWs and general Site condition should be continued as stipulated in the O&M Manual.
- 2) Level measurements and laboratory analysis of water from the collection, detection and monitoring well systems should be continued as stipulated in the O&M Manual. It is recommended that the measurements and samples be collected on the same date to allow for direct comparison. Maintenance specified in the RAP should be performed on the leachate collection system in 2018 to restore system functionality.
- 3) Fluid removed from the LCSs and LDSs should continue and be properly managed and manifested as stipulated in the O&M Manual.
- **4)** An elevation survey was conducted August 29, 2011 by C.T. Male. A new survey will be completed in 2018 to conform to the O&M Manual.
- 5) Data should be submitted to the NYSDEC on an annual basis per the O&M Manual and the 2009 NYSDEC correspondence.



7. OVERALL PRP CONCLUSIONS AND RECOMMENDATIONS

Conklin Limited has completed Year 24 of the 30-year closure period for Containment Structure #734048. The 0&M Manual requires inspections, gauging, sampling and analysis, and recordkeeping of LCSs, LDSs, groundwater MWs, and surface drainage facilities. General Site inspections are also performed. To date, the Containment Structure has been operated in accordance with the approved 0&M Manual. Compliance requirements have been met for each component outlined and analytical results have not prompted corrective action per the RAP to date. As noted throughout the PRR, maintenance specified in the RAP should be performed on the leachate collection system in 2018 to restore system functionality.



CONTAINMENT STRUCTURE SITE #734048 | PERIODIC REVIEW REPORT

8. REFERENCES

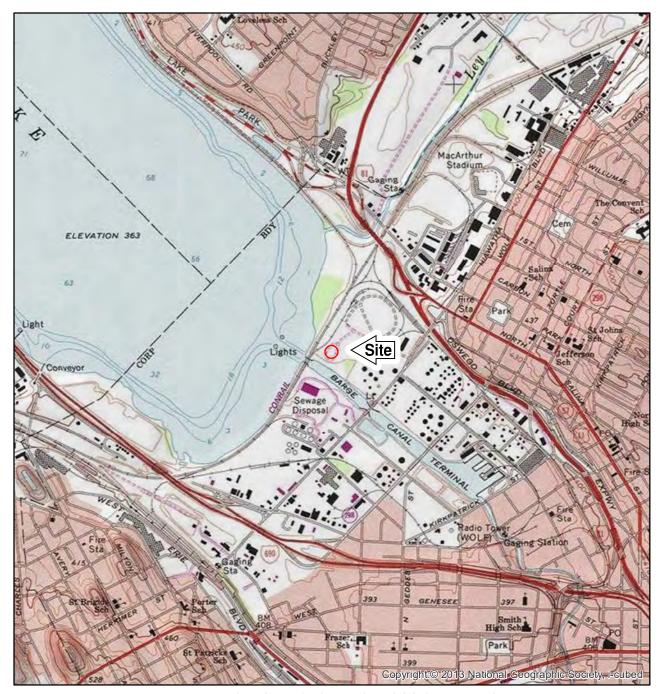
New York State Department of Environmental Conservation. 2009. *45-day Reminder Notice: Site Management Periodic Review*. November 23.

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

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





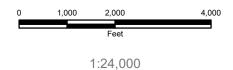


ADAPTED FROM: SYRACUSE WEST USGS QUADRANGLE

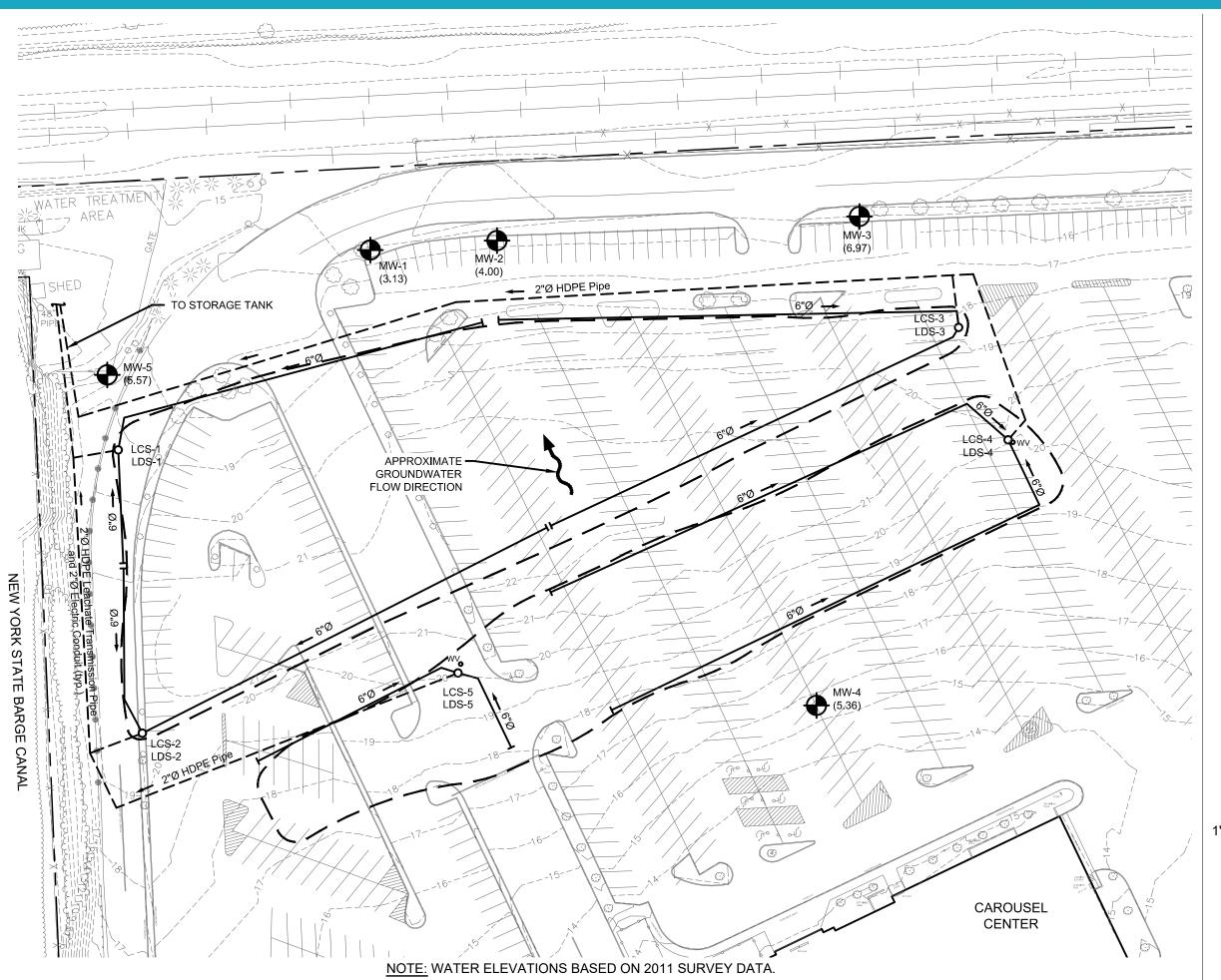


CONKLIN LIMITED
SITE #734048
CONTAINMENT STRUCTURE
2017 PERIODIC REVIEW REPORT











LEGEND

MW-1 (4.33) MONITORING WELL & GW ELEVATION (FT.)

LCS-4 O LEACHATE COLLECTION

LDS-4 o LEAK DETECTION SUMP

- - APPROXIMATE CELL LIMITS

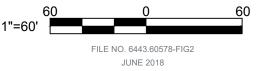
PERFORATED LEACHATE
COLLECTION PIPE

2"Ø HDPE Pipe LEACHATE SUMP DISCHARGE PIPE

---18 --- EXISTING SURFACE CONTOUR

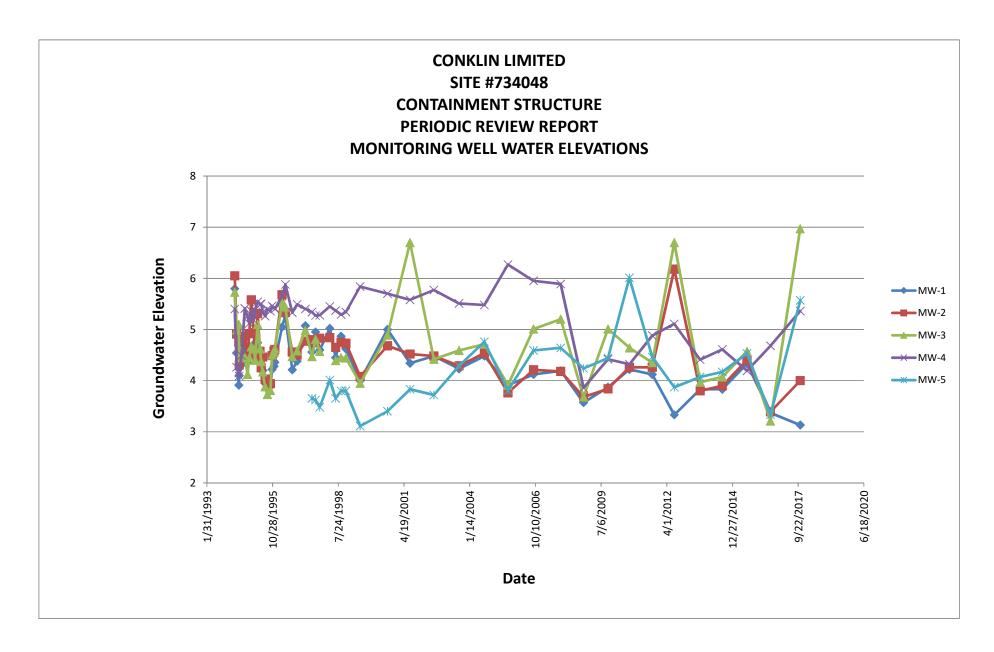
CONKLIN LIMITED
SITE #734048
CONTAINMENT STRUCTURE
2017 PERIODIC REVIEW REPORT

GENERAL SITE PLAN





O'BRIEN & GERE ENGINEERS, INC.



6/8/2018 OBG

Institutional and Engineering Controls Certification Form



Enclosure 1 NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION Site Management Periodic Review Report Notice Institutional and Engineering Controls Certification Form



	Site	∍ No.	Site Details 734048	Box 1	
	Site	e Name	Clark Property		
	City Cou Allo Site Ow	//Town: unty: On wable U Acreag ner: Pyr 350	Jse(s) (if applicable, does not address local zoning): no restrictions known		
			Verification of Site Details	B	ox 2
		•	vollidation of one betaile	YES	NO
	1.	Is the in	nformation in Box 1 correct?	×	
		If NO, a	are changes handwritten above or included on a separate sheet?		
	2.		me or all of the site property been sold, subdivided, merged, or undergone a p amendment during this Reporting Period?		X
			is documentation or evidence that documentation has been previously red included with this certification?		
	3.		ny federal, state, and/or local permits (e.g., building, discharge) been issued the property during this Reporting Period?		X
			is documentation (or evidence that documentation has been previously ted) included with this certification?	<u> </u>	
	4.	If use or restriction	of the site is restricted, is the current use of the site consistent with those ions?	N/A 🗆	
		If NO, is	s an explanation included with this certification?		
	5.	has any	n-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415. y new information revealed that assumptions made in the Qualitative Exposure ment regarding offsite contamination are no longer valid?		
			is the new information or evidence that new information has been previously ted included with this Certification?		
	6.		n-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415. assumptions in the Qualitative Exposure Assessment still valid (must be	.7(c),	
İ			d every five years)?	N/A 🗖	

SITE NO. 734048

Box 3

Description of Institutional Controls

<u>Parcel</u>

Institutional Control

S_B_L image: 114.-02-05.2

O&M Manual

Box 4

Description of Engineering Controls

<u>Parcel</u>

Engineering Control

S_B_L Image: 114.-02-05.2

Cover System
Groundwater Containment
Leachate Collection

Subsurface Barriers

Attach documentation if IC/ECs cannot be certified or why IC/ECs are no longer applicable. (See instructions)

Control Description for Site No. 734048

Parcel: 114.-02-05.2

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 results of maintaining system and documentation of leachate disposal manifests.

		Box 5
Periodic Review Report (PRR) Certification Stateme	ents	
I certify by checking "YES" below that:		
 a) the Periodic Review report and all attachments were prepare reviewed by, the party making the certification; 	ed under the direction of, an	d
b) to the best of my knowledge and belief, the work and conclu	sions described in this certif	ication
are in accordance with the requirements of the site remedial pro	gram, and generally accepte YES	od NO
	⊠	0
If this site has an IC/EC Plan (or equivalent as required in the Decisi or Engineering control listed in Boxes 3 and/or 4, I certify by checking following statements are true:	on Document), for each Inst g "YES" below that all of the	itutional
) the Institutional Control and/or Engineering Control(s) employed at tontrol was put in-place, or was last approved by the Department;	his site is unchanged since t	the date that the
) nothing has occurred that would impair the ability of such Control, to e environment;	protect public health and	
access to the site will continue to be provided to the Department, to aluate the continued maintenance of this Control;	evaluate the remedy, includ	ing access to
) nothing has occurred that would constitute a violation or failure to control; and	mply with the Site Managen	nent Plan for this
) if a financial assurance mechanism is required by the oversight doct d sufficient for its intended purpose established in the document.	ument for the site, the mecha	anism remains valid
	YES	NO
	X	
If this site has an Operation and Maintenance (O&M) Plan (or equiva	lent as required in the Decis	sion Document);
I certify by checking "YES" below that the O&M Plan Requirements (Decision Document) are being met.	or equivalent as required in	the
	☒	0
If this site has a Monitoring Plan (or equivalent as required in the rem	nedy selection document):	

YES

X

NO

I certify by checking "YES" below that the requirements of the Monitoring Plan (or equivalent as required

in the Decision Document) is being met.

IC CERTIFICATIONS SITE NO. 734048

Box 6

SITE OWNER OR DESIGNATED REPRESENTATIVE SIGNATURE

I certify that all information and statements in Boxes 2 and/or 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

1_ROBERT	T SCHORUZCAL	DESTINY print busine	us address
am certifying as	AUTHOR: 23D	AGENT	(Owner or Remedial Party)
for the Site name	d in the Site Details Section o	f this form.	9 1
Signature of Own	er or Remedial Party Renderi	ng Certification	10/4/2018 Date

IC/EC CERTIFICATIONS

Box 7

QUALIFIED ENVIRONMENTAL PROFESSIONAL (QEP) 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.

Gary D. Cannerelli print name	at O'Brien & Gere, 333 W. Washington St. Syracuse, I print business address
ım certifying as a Qualified Envir	conmental Professional for the Site No. 734048

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



Stamp (if Required)

10/4/2018 Date

Uniform Hazardous Waste Manifests

Capitol Environmental Services, Inc.

INVOICE

P.O. Box 37143 Baltimore, MD 21297-3143

SOLD TO:
Carousel Center
9090 Carousel Center Drive
Syracuse, NY 13290
Attn: Accounts Payable

Vickery Environmental, Inc.

INVOICE NUMBER 28904

INVOICE DATE 11/17/2017

TERMS | NET 30 DAYS

YOUR ORDER NUMBER 17435
SALES REP M.Schubert

SHIPPED VIA Page

PREPAID or COLLECT | Collect

QUANTITY	DESCR	PIPTION	UNIT PRICE	AMOUNT
4534	Gallons Disposal of F039 Wate	r (VB5696)	\$0.42	\$1,904.2
	Manifest#014463552JJK			
1	Load Transportation		\$1,950.00	\$1,950.0
1	Each Fuel surcharge (28%)		\$546.00	\$546.0
	Date of Shipment: 11/7/17			
	land the state of	SEIVED		
	dan	1 1 2017		
	PeroC	Onland		
		-		
			- 1	
	Generator: Conklin Limited			
	372 W. Hiawatha Blvd		1	
	Syracuse, NY 13202	•	1	
	Syracuse, 141 15202			
'Demurrage	and surcharges, if applicable, will be	e hilled senarately"	SUBTOTAL	E4 400 00
	and caronal goo, it applied bio, will be	o puice separatery	TAX (8%)	\$4,400.28 \$352.02
			FREIGHT	\$352.02
	-2786-27477-28904		1,7,2,2,1,1	\$4,752.30
	ncerning this invoice?	MAKE ALL CHECK		PAY THIS
all:	Amy Moser (302)380-3737	Capitol Environmen	tal Services, Inc.	AMOUNT

THANK YOU FOR YOUR BUSINESS!

W	FORM HAZARDOUS	1 Generator ID Number NYD 986 870 558	3	1	302-54	7-136	1/1 [1]	116	3552 JJK
1000	nerator's Name and Mailir	ng Aridress		_	Generalor's Site Addre	ss (if different	than mailing addre	rs)	3002 0011
Cor	odin Limited								
	O Carousel Center rator's Phone: (315) 44	, Syracuse, NY 1329 96-6000	90		372 Hilland	etha Blvd ,	Syracuse, N	Y 13202	
6 70	exporter Company Nam	efic	TNG				U.S. EPAID	Number 780	6969947
7 114	nsporter 2 Company Nam	ne					U.S. FPA 10 1	Number	
8 Der	signated Facility Name an	d Site Address					U.S. EPA DI	Number	
395	_	ichery Environments , Vickery, OH 43464 17-7791					1	•	OHD 020 273 819
ya HM	9b US DOT Description and Packing Group (if a		g Name, Hazard Class ID Nur	nber,	10. Cont	ainers Type	11 Total Quantity	12. Unit Wt./Vol.	13 Waste Codes
х	NA3082, Hezero (Xytens, Naphth	daus Waste, Liquid, I Blene)	N.O.S., 9, III			π	4500	G	F039
	3								
	4								
	ecia. Handling Instructions	s and Additional Information							
	pp# V95696 ERG1						255		John WILM-MSCH-
EFC:	ENERATOR'S/OFFEROR	R'S CERTIFICATION: I here	aby declare that the contents on proper condition for transpor	t according to applic	re fully and accurately d	escribed abov	e by the proper shi	nning name	s, and are classified, packaged, ipment and) am the Primary
EP4:	ENERATOR'S/OFFEROR harked and labeled/placand xporter, I certify that the o	R'S CERTIFICATION: There ded, and are in all respects in ontents of this consignment	eby declare that the contents on proper condition for Iransport conform to the terms of the att	t according to applica ached FPA Acknowle	re fully and accurately d	escribed abov	e by the proper shi nental regulations.	nning name	and are described packaged
EF4:	ENERATOR'S/OFFEROR harked and labeled/placand xporter, I certify that the o	R'S CERTIFICATION: I here ded, and are in all respects in ontents of this consignment mization statement identified red Name	aby declare that the contents on proper condition for Iranspor conform to the terms of the att in 40 CFR 262.27(a) (if I am a	t according to applica ached FPA Acknowle	re fully and accurately d	escribed abov	e by the proper shi nental regulations.	nning name	e, and are classified, packaged, ipment and) am the Primary
EPI:	ENERATOR'S/OFFEROF harked and fabeled/placar xporter. I certify that the or certify that the waste mini stor's/Offerpr's Printed/Typ	R'S CERTIFICATION: I here ded, and are in all respects in ontents of this consignment mization statement klentified	aby declare that the contents on proper condition for Iranspor conform to the terms of the att in 40 CFR 262.27(a) (if I am a	t according to applica ached FPA Acknowle	re fully and accurately d	escribed abov	e by the proper shi nental regulations.	nning name	e, and are classified, packaged, ipment and) am the Primary
EPI: 15. G	iENERATOR'S/OFFEROF larked and labeled/placan xporter. I certify that the o certify that the waste minu- stor's/Offeror's Printed/Typ	R'S CERTIFICATION: I here sed, and are in all respects in ontents of this consignment mization statement identified the form of the form o	aby declare that the contents on proper condition for Iranspor conform to the terms of the att in 40 CFR 262.27(a) (if I am a	t according to applica ached FPA Acknowle	re fully and accurately d tole international and na digment of Consent. riglor) or (b) (ill are a sm	iescribed abov ational governa nall quantity, ge	e by the proper shi nental regulations.	nning name	e, and are classified, packaged, ipment and) am the Primary
ERI: 15. G E Genera 16 inte	iENERATOR'S/OFFEROF harked and labeled/placan xporter. I certify that the or certify that the waste minu- stor's/Offeror's Printed/Typ (Sofferor's Printed/Typ mational Shipments corter signature (for export	R'S CERTIFICATION: I here sed, and are in all respects in ontents of this consignment mization statement identified the following the following in the followin	aby declare that the contents on proper condition for Iranspor conform to the terms of the att in 40 CFR 262.27(a) (if I am a	t according to applic ached EPA Acknowle a large quantity gene	re fully and accurately di tole international and na digment of Consent. rigion) or (b) (il) and a sm	iescribed abov ational governa nall quantity, ge	e by the proper shi nental regulations.	nning name	e, and are classified, packaged, ipment and) am the Primary
General General Transpir. Transpir.	iENERATOR'S/OFFEROF larked and labeled/placan xporter. I certify that the o certify that the waste minu- stor's/Offeror's Printed/Typ	R'S CERTIFICATION: I here sed, and are in all respects in ontents of this consignment mization statement identified and the constant of the co	aby declare that the contents on proper condition for Iranspor conform to the terms of the att in 40 CFR 262.27(a) (if I am a	acched EPA Acknowle ached EPA Acknowle a large quantity gene Sign	re fully and accurately di tole international and na digment of Consent, rigler) or (b) (il I are a sin all the S. Port of e Date lead	lescribed above the state of th	e by the proper shi nental regulations.	nning name	e, and are classified, packaged, ipment and I am the Primary Honth Day Yea
General General Transport	iENERATOR'S/OFFEROF harked and labeled/placent xporter. I certify that the co- certify that the waste minu- shor's/Offeror's Printed/Typ (Commissional Shipments corter signature (for export isporter Acknowledgment)	R'S CERTIFICATION: I here sed, and are in all respects in ontents of this consignment mization statement identified for the constant of the co	aby declare that the contents on proper condition for Iranspor conform to the terms of the att in 40 CFR 262.27(a) (if I am a	acched EPA Acknowle alarge quantity gene Export from U. Signa	re fully and accurately di tole international and na digment of Consent, rigler) or (b) (il I are a sin all the S. Port of e Date lead	lescribed above the state of th	e by the proper shi nental regulations.	nning name	e, and are classified, packaged, ipment and) am the Primary
EPd: 15. G F E 16 Inte	iENERATOR'S/OFFEROF tarked and labeled/placan xporter. I certify that the operatify that the waste minu- stor's/Offeror's Printed/Type waste minus and story of the common material Shipments order signature (for export insporter Acknowledgment), order 1 Printed/Typed Nary	R'S CERTIFICATION: I here sed, and are in all respects in ontents of this consignment mization statement identified for the constant of the co	aby declare that the contents on proper condition for Iranspor conform to the terms of the att in 40 CFR 262.27(a) (if I am a	acched EPA Acknowle alarge quantity gene Export from U. Signa	re fully and accurately di tole international and na digment of Consent. rigler) or (b) (ii) are a sin different consent. S. Port of e. Date lead	lescribed above the state of th	e by the proper shi nental regulations.	nning name	e, and are classified, packaged, ipment and) am the Primary Month Day Yea
EPd: 15. G ir E Ganera Transpx Transpx Rain Section 18 (18) (18) (18) (18) (18) (18) (18) (iENERATOR'S/OFFEROR harked and labeled/placan xporter. I certify that the occertify that the waste mini- stor's/Offeror's Printed/Type (Institute of the committee of the commit	R'S CERTIFICATION: I here ded, and are in all respects in ontents of this consignment in mication statement identified and properties. [Import to U.S. as only). of Receipt of Materials	eby declare that the contents on proper condition for transport conform to the terms of the att in 40 CFR 262-27(a) (if I am at I am a	acched EPA Acknowle alarge quantity gene Export from U. Signa	re fully and accurately dible international and na dible international and na dible international and na dible international and na small and na sma	lescribed above the state of th	e by the proper shi nental regulations garator) is true.	ipping name If export sh	e, and are classified, packaged, ipment and) am the Primary Honth Day Yea Month Day Yea
EPd: 15. General General Transpx Transpx Transpx Rais State 8. Disc	iENERATOR'S/OFFEROF tarked and labeled/placan xporter. I certify that the operatify that the waste minu- stor's/Offeror's Printed/Type waste minus and story of the common material Shipments order signature (for export insporter Acknowledgment), order 1 Printed/Typed Nary	R'S CERTIFICATION: I here sted, and are in all respects in ontents of this consignment mization statement identified with the constant of the	aby declare that the contents on proper condition for Iranspor conform to the terms of the att in 40 CFR 262.27(a) (if I am a	acched EPA Acknowle alarge quantity gene Export from U. Signa	re fully and accurately dible international and na dible international and na dible international and na dible international for (b) (il) are a small are. S. Port of e. Date lead thure.	isscribed abovernational governational quantity governational quanti	e by the proper shi nental regulations.	ipping name If export sh	e, and are classified, packaged, ipment and) am the Primary Month Day Yea
EPCI: 15. G F F F F F F F F F F F F F F F F F F F	iENERATOR'S/OFFEROR harked and labeled/placan xporter. I certify that the occertify that the waste mini- stor's/Offeror's Printed/Type (Institute of the committee of the commit	R'S CERTIFICATION: I here stood, and are in all respects in ontents of this consignment mization statement identified the following of the control of the co	eby declare that the contents on proper condition for transport conform to the terms of the att in 40 CFR 262-27(a) (if I am at I am a	acched EPA Acknowle alarge quantity gene Export from U. Signa	re fully and accurately dible international and na dible international and na dible international and na dible international and na small and na sma	isscribed abovernational governational quantity governational quanti	e by the proper shi nental regulations garator) is true.	ipping name if export sh	e, and are classified, packaged, ipment and) am the Primary Honth Day Yea Month Day Yea
ERI: 15. General 16. Intel 16. Intel 17. Transpo 17. Transpo 18. Orsc 8. Orsc 8. Drs 4. acility's	iENERATOR'S/OFFEROR harked and labeled/placent xporter. I certify that the occurrity that the waste minustor's/Offerpr's Printed/Type (for exporter signature (for exporter signature (for exporter Acknowledgment insporter Acknowledgment insporter 1 Printed/Typed Narreparicy Screpancy Indication Spacemate Facility (or General is Phone.	R'S CERTIFICATION: I here stood, and are in all respects in ontents of this consignment mization statement identified the following of the control of the co	eby declare that the contents on proper condition for transport conform to the terms of the att in 40 CFR 262-27(a) (if I am at I am a	acched EPA Acknowle alarge quantity gene Export from U. Signa	re fully and accurately dible international and na dible international and na dible international and na dible international for (b) (il) are a small are. S. Port of e. Date lead thure.	isscribed abovernational governational quantity governational quanti	e by the proper shinental regulations. Parator) is true.	ipping name if export sh	e, and are classified, packaged, ipment and) am the Primary Honth Day Yea Month Day Yea
EFG. 15. General 6 Intelligence of the second of the sec	iENERATOR'S/OFFEROR harked and labeled/placent xporter. I certify that the occertify that the waste minus tor's/Offerpr's Printed/Type LOCAL Committee of Printed/Type matter as gnature (for export isporter Acknowledgment when I Printed Typed Nary mener 2 Printed Typed Nary mener 2 Printed Typed Nary mener 2 Printed Typed Nary mener 3 Printed Typed Nary mener 4 Printed Typed Nary mener 5 Printed Typed Nary mener 5 Printed Typed Nary mener 6 Printed Typed Nary mener 7 Printed Typed Nary mener 8 Printed Typed Nary mener 8 Printed Typed Nary mener 9 Printed Typed Nary mener 9 Printed Typed Nary mener 1 Printed Typed Nary mener 2 Printed Typed Nary mener 2 Printed Typed Nary mener 2 Printed Typed Nary mener 3 Printed Typed Nary mener 4 Printed T	R'S CERTIFICATION: I here sted, and are in all respects in ontents of this consignment in mization statement identified	eby declare that the contents on proper condition for transport conform to the terms of the att in 40 CFR 262-27(a) (if I am at I am a	according to applicate a constant of the service of	re fully and accurately dible international and na digment of Consent. Indion or (b) (if I are a small recommend to Consent Indion) or (b) (if I are a small recommend to Italian Indion) or (b) (if I are a small recomme	isscribed abovernational governational quantity governational quanti	e by the proper shinental regulations. Parator) is true.	ipping name if export sh	e, and are classified, packaged, ipment and) am the Primary Honth Day Yea Month Day Yea
EFG. 15. General 16. Interest 1	iENERATOR'S/OFFEROR harked and labeled/placent xporter. I certify that the occertify that the waste minus tor's/Offerpr's Printed/Type LOCAL Committee of Printed/Type matter as gnature (for export isporter Acknowledgment when I Printed Typed Nary mener 2 Printed Typed Nary mener 2 Printed Typed Nary mener 2 Printed Typed Nary mener 3 Printed Typed Nary mener 4 Printed Typed Nary mener 5 Printed Typed Nary mener 5 Printed Typed Nary mener 6 Printed Typed Nary mener 7 Printed Typed Nary mener 8 Printed Typed Nary mener 8 Printed Typed Nary mener 9 Printed Typed Nary mener 9 Printed Typed Nary mener 1 Printed Typed Nary mener 2 Printed Typed Nary mener 2 Printed Typed Nary mener 2 Printed Typed Nary mener 3 Printed Typed Nary mener 4 Printed T	R'S CERTIFICATION: I here ded, and are in all respects in ontents of this consignment in mization statement identified indication s	eby declare that the contents on proper condition for transport conform to the terms of the att in 40 CFR 262-27(a) (if I am at I am a	according to applicate a constant of the service of	re fully and accurately dible international and na digment of Consent. Indion or (b) (if I are a small recommend to Consent Indion) or (b) (if I are a small recommend to Italian Indion) or (b) (if I are a small recomme	isscribed abovernational governational quantity governational quanti	e by the proper shinental regulations. Parator) is true.	ipping name if export sh	e, and are classified, packaged, inment and) am the Primary Honth Day Yea Month Day Yea Vonth Day Yea
ERI: 15. G Y E 6 Inter 16 Inter 17 Transp 17 Transp 18 Disc 88 Disc 88 Disc 88 Disc 89 Hazz	ENERATOR'S/OFFEROF ranked and labeled/placan xporter, I certify that the or- certify that the waste minu- ison's/Offeror's Printed/Typ- mational Shipments worder signature (for export isporter Acknowledgment, inter 1 Printed/Typed Nary crepancy screpancy Indication Space emate Facility (or General is Phone. insture of Altemate Facility ardous Waste Report Man	R'S CERTIFICATION: I here ded, and are in all respects in ontents of this consignment in inization statement klentified and are in all respects in properties of the consignment in inization statement klentified and of the consistency in its priy). Import to U.S. Is priy). In initiation of Malerials If the consist of Malerials If	eby declare that the contents on proper condition for transport condition to the terms of the att in 40 CFR 262-27(a) (if I am it in 40 CFR 262-27(a) (if I am	l according to applicate acched EPA Acknowles large quantity gene Sign. Export from U. Sign. Sign. Sign. Sign. 3.	re fully and accurately dible international and nadigment of Consent. report of (b) (if) are a small record to the consent of	escribed abovernational governational governational governational quantity, generative and governational quantity and governation	e by the proper shinental regulations. Parator) is true.	ipping name if export sh	e, and are classified, packaged, inment and) am the Primary Honth Day Yea Month Day Yea Vonth Day Yea
ERI: 15. G Y E G General 16 Inter 17 Transp 17. Tran 18 Dis 8 Dis 8 Dis 8 Dis 8 Dis 9 Hazz	ENERATOR'S/OFFEROP harked and labeled/placan xporter, I certify that the or- certify that the waste mini- stor's/Offeror's Printed/Type (BL) Z mational Shipments worter signature (for export sporter Acknowledgment system 1 Printed/Typed Navi cepancy cerepancy Indication Space emate Facility (or General s Phone. hature of Altemate Facility ardous Waste Report Man	R'S CERTIFICATION: I here ded, and are in all respects in ontents of this consignment in inization statement klentified and are in all respects in properties of the consignment in inization statement klentified and of the consistency in its priy). Import to U.S. Is priy). In initiation of Malerials If the consist of Malerials If	eby declare that the contents on proper condition for transport conform to the terms of the att in 40 CFR 262-27(a) (if I am at I am a	l according to applicate acched EPA Acknowles large quantity gene Sign. Export from U. Sign. Sign. Sign. Sign. 3.	re fully and accurately dible international and nadigment of Consent. report of (b) (if) are a small record to the consent of	escribed abovernational governational governational governational quantity, generative and governational quantity and governation	Partial Reje	ipping name if export sh	e, and are classified, packaged, inment and) am the Primary Honth Day Yea Month Day Yea Vonth Day Yea
ERI: 15. G IT E General 16 Inter 17 Transp 17 Transp 18 Discharge 18 Discharge 19 Hazz 2 Desking 2 Desking 10 Desking 1	iENERATOR'S/OFFEROP harked and labeled/placan xporter, I certify that the or- certify that the waste mini- stor's/Offeror's Printed/Type Control of Shipments worter signature (for export isporter Acknowledgment order 1 Printed Typed Naviana coner 2 Printed Typed Naviana isporter Acknowledgment order 1 Printed Typed Naviana isporter Acknowledgment order 2 Printed Typed Naviana isporter Acknowledgment order 2 Printed Typed Naviana isporter 2 Printed Typed Naviana isporter 3 Printed Typed Naviana isporter 4 Printed Typed Naviana isporter	R'S CERTIFICATION: I here ded, and are in all respects in ontents of this consignment in inization statement klentified and are in all respects in properties of the consignment in inization statement klentified and of the consistency in its priy). Import to U.S. Is priy). In initiation of Malerials If the consist of Malerials If	eby declare that the contents on proper condition for transport condition to the terms of the att in 40 CFR 262-27(a) (if I am at in 40 CFR 262-27(a) (if I am	l according to applicate acched EPA Acknowles large quantity gene Sign. Export from U. Sign. Sign. Sign. Sign. 3.	re fully and accurately dible international and nadigment of Consent. report of (b) (if) are a small record to the consent of	escribed abovernational governational governational governational quantity, generative and governational quantity and governation	Partial Reje	ipping name if export sh	e, and are classified, packaged, ipment and) am the Primary Honth Day Yea Worth Day Yea

Capitol Environmental Services, Inc.

INVOICE

P.O. Box 37143 Baltimore, MD 21297-3143

SOLD TO: Carousel Center 9090 Carousel Center Drive Syracuse, NY 13290 Attn: Accounts Payable

SHIPPED TO: Vickery Environmental, Inc. INVOICE NUMBER 28751

INVOICE DATE | 10/05/2017

TERMS | NET 30 DAYS

YOUR ORDER NUMBER 17435

SALES REP M.Schubert

SHIPPED VIA Page

PREPAID or COLLECT | Collect

QUANTITY		DESCRIPT	ION	UNIT PRICE	AMOUNT
4743	Gallons Disp	osal of F039 Water (\	/B5696)	\$0.42	\$1,992.00
	Manifest#0162		•	1	Ψ1,002.0
1	Load Tran	sportation		\$1,950.00	\$1,950.0
1	1	surcharge (28%)		\$546.00	\$546.0
	Date of Shipme	- ' '		\$340.00	\$040.U
		RECE	IVED		
		0 T 30	5 2017		
		Per Div	0.0		
	-	Lei	<u>uv</u>		
	Camanatan Can	Latin A. C. Car			
	Generator: Con				
		W. Hiawatha Blvd.			
	Syra	cuse, NY 13202			
Demurrage	and surcharges,	if applicable, will be b	illed separately"	SUBTOTAL	\$4,488.06
			•	TAX (8%)	\$359.04
	0000 0000			FREIGHT	\$0.00
	-2786-27296-287				\$4,847.10
	ncerning this invoi Amy Moser (302)		MAKE ALL CHECK		PAY THIS
	amoser@capi		Capitol Environmenta	al Services, Inc.	AMOUNT

THANK YOU FOR YOUR BUSINESS!

ease print or type. (Form designed for use on elite (12-pitch) typewriter.) UNIFORM HAZARDOUS 1 Generator ID Number 2. Page	1 of 3. Emergency Respo	nse Phone	4. Manife	40 st Tracking	m Approved. OMB No. 20
WASTE MANIFEST NYD 988 870 558 5. Generator's Name and Malling Address	1 (306) 54	7-53	96 01	621	18553 JJ
Confiden Limited	Generator's Site Address	ss (if differen	than mailing add	ress)	10000 00
9090 Carousel Center, Syracuse, NY 13290	372 Himan	thra Dikad	Dames 10		
Generator's Phone: (315) 468-6000	G/ E 1 HQ MQ	IT NOT CHEACH."	Syreouse, NY	r 13202	
h. pagriporter i Company Name	1				
PAGE ETC ING			U.S EPAID	Wumber	11 001-
7. Thinsporter 2 Company Name		_	US EDATO	1 78	567747
0.7			1	Maraper	
Designated Facility Name and Sife Address Wasste Management-Victory Environmental		_	U.S. EPA ID	Number	
3956 State Route 412, Victory, OH 43464					
Facility's Phone (419) 547-7791				O	HD 020 273 819
ga 9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number,					
HM and Packing Group (if any))	10. Cont	iners	11. Total	12. Unit	42 Henry 2 1
X NA3082, Hazerdous Waste, Liquid, N.O.S., 9, III	No.	Туре	Quantity	Wt/Vdl.	13. Waste Godes
(Xylene, Naphthalene)	1	тт	4500	G	F039
2.					
3					
4.					
*				-	
	1			1	
Special Handling Instructions and Additional Information Apple VB5696 ERG 171					
ERI	SR# 10	29	71		
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarried, and are in all respects in proper condition for transport according to applied Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknown I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity genicenses).	are fully and accurately des cable international and natio ledgment of Consent, erator) or (b) (if I am a smal	cribed above	by the proper ship	ping name, a export ships	ob# WILM-MSCH- and are classified, packaged, nent and I am the Primary
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and tabeled/placarried, and are in all respects in proper condition for transport according to applied Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknown I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity gening properties of the properties of th	are fully and accurately des	cribed above	by the proper ship	ping name, a	and are classified, packaged, nent and I am the Primary
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and tabeled/placarded, and are in all respects in proper condition for transport according to applic Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity generator s/Offeror's Printed/Typent Nature Sign	are fully and accurately described international and national and national and national and national areas of the second and the second accurately and accurately accurately and accurately accurately accurately accurately and accurately accura	cribed above	by the proper ship	ping name, a expert ships	and are classified, packaged, nent and I am the Primary
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity genice persons of the attached EPA Acknow Signature (in the content of the contents of the content of t	are fully and accurately describe international and national and national and national and national and national accurately or (b) (if I am a small nature). S. Port of entre	cribed above inal government quantity gen	by the proper ship	ping name, a axport shipr	and are classified, packaged, nent and I am the Primary
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknown I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity genicency of offeror's Printed Typing Nature Significant Informational Shipments Import to U.S. Import to U.S. Transporter Acknowledgment of Roceid of Materials	are fully and accurately descable international and national and national and national and series (bidgment of Consent, erator) or (b) (if I am a small nature)	cribed above inal government quantity gen	by the proper ship	ping name, a export ships	and are classified, packaged, nent and I am the Primary
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transport according to appoin Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity genus expectator's/Offeror's Printed/Typent Number Sign International Shipments Import to U.S. Import to U.S. Transporter Acknowledgment of Receipt of Materials accounts of this consignment.	are fully and accurately describe international and national and national and national and national and national accurately or (b) (if I am a small nature). S. Port of entre	cribed above inal government quantity gen	by the proper ship	ping name, is axport shipr	and are classified, packaged, nent and I am the Primary Month hay Y
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknown I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity genicensator's/Offeror's Printed/Typent Nusre Sign Statement of Supriments	are fully and accurately describe international and national and national and national and national and national and a small read of the full and a small nature. S. Port of entrodate leaving	cribed above inal government quantity gen	by the proper ship	Jung name, a support ships	and are classified, packaged, nent and I am the Primary Month hay Y
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknown I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity genicensator's/Offeror's Printed/Typent Nusre Sign Statement of Supriments	are fully and accurately describe international and national and national and national and national and national accurately or (b) (if I am a small nature). S. Port of entre	cribed above inal government quantity gen	by the proper ship	Jing name, a export ships	month Day 're
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknown I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity genicensator's/Offeror's Printed/Typent Nusre Sign Statement of Supriments	are fully and accurately describe international and national and national and national and national and national and a small read of the full and a small nature. S. Port of entrodate leaving	cribed above inal government quantity gen	by the proper ship	Ding name, a export ships	month Day Ye
5. GENERATOR'S/OFFEROR'S CERTIFICATION: Thereby declare that the contents of this consignment marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledge of the contents of this consignment identified in 40 CFR 262-27(a) (if I am a large quantity genice percent of softenor's Printed Typing Number Sign Signature (for exports conty): Import to U.S. Transporter Acknowledgment of Receipt of Materials are signature (for exports conty): Transporter Acknowledgment of Receipt of Materials are signature (for exports conty): Transporter Acknowledgment of Receipt of Materials are signature (for exports conty): Transporter Acknowledgment of Receipt of Materials are signature (for exports conty): Transporter Acknowledgment of Receipt of Materials are signature (for exports conty):	are fully and accurately describe international and national and national and national and national and national and a small read of the full and a small nature. S. Port of entrodate leaving	cribed above inal government quantity gen	by the proper ship	Uil ping name, a oxport ships	month Day Ye
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transport according to applie Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity genice persons s/Offeror's Printed/Typim Native Significant of Shipments Import to U.S. International Shipments Import to U.S. International Shipments Import to U.S. International Shipments Import of Receipt of Materials International Printed/Typed Name International Printed/Typed Name International Printed/Typed Name International Printed/Typed Name	are fully and accurately describe international and national and national and national and national and national and a small read of the full and a small nature. S. Port of entrodate leaving	cribed above inal government quantity gen	by the proper ship	ping name, is axport ships	Month Day Ye Month Day Ye Month Day Ye Month Day Ye
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transport according to applie Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity genus expectator's Printed/Typem Name Sign Sinternational Shipments Import to U.S. Export from U.S. Export from U.S. Transporter Acknowledgment of Receipt of Materials and cortion? Printed/Typed Name Discrepancy a. Discrepancy Indication Space Quantity Type	are fully and accurately describe international and national and national and national and national area or (b) (if I am a small nature). S. Port of entropate leaving ature.	cribed above mal governmi	by the proper ship antal regulations, if erates a true.	ping name, is axport ships	Month Day Ye
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transport according to applie Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity genus expectator's Printed/Typem Name Sign Sinternational Shipments Import to U.S. Export from U.S. Export from U.S. Transporter Acknowledgment of Receipt of Materials and cortion? Printed/Typed Name Discrepancy a. Discrepancy Indication Space Quantity Type	are fully and accurately descable international and national and national and national and national area of the second and second an	cribed above mal governmi	by the proper ship ental regulations. If eral control and the ship Partial Rejection	ping name, a export ships	Month Day Ye Month Day Ye Month Day Ye Month Day Ye
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exponer. I ceruly that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity gent certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity gent certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity gent certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity gent certify that the contents of this consignment. Sign Statement Spipments I import to U.S. Import to U.S. Importer Acknowledgment of Receipt of Materials appropriate Typed Name Discrepancy Indication Space Quantity Type Alternate Facility (or Generator)	are fully and accurately describe international and national and national and national and national area or (b) (if I am a small nature). S. Port of entropate leaving ature.	cribed above mal governmi	by the proper ship antal regulations, if erates a true.	ping name, a export ships	Month Day Ye Month Day Ye Month Day Ye
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transpoar coording to apply Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity genue exports s/Offeror's Printed/Typent Name Signature (for exports only): International Shipments Import to U.S. Importer Acknowledgment of Receipt of Materials September 1 Printed/Typed Name Discrepancy a. Discrepancy Indication Space Quantity Type Alternate Facility (or Generator)	are fully and accurately describe international and national and national and national and national area or (b) (if I am a small nature). S. Port of entropate leaving ature.	cribed above mal governmi	by the proper ship ental regulations. If eral control and the ship Partial Rejection	ping name, a export ships	Month Day Ye Month Day Ye Month Day Ye
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exponer. I ceruly that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity gent certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity gent certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity gent certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity gent certify that the contents of this consignment. Sign Statement Spipments I import to U.S. Import to U.S. Importer Acknowledgment of Receipt of Materials appropriate Typed Name Discrepancy Indication Space Quantity Type Alternate Facility (or Generator)	are fully and accurately describe international and national and national and national and national area or (b) (if I am a small nature). S. Port of entropate leaving ature.	cribed above mal governmi	by the proper ship ental regulations. If eral control and the ship Partial Rejection	ping name, a export ships	Month Day Ye Month Day Ye Month Day Ye Full Rejection
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity gent exports s/Offeror's Printed/Typen Name Sign International Shipments Import to U.S. Export from U.S. Transporter Acknowledgment of Receipt of Materials Transporter Acknowledgment of Receipt of Materials Discrepancy Printed/Typed Name Type Discrepancy Ouantity Type Discrepancy Atternate Facility (or Generator) Signature of Atternate Facility (or Generator) Signature of Atternate Facility (or Generator)	are fully and accurately describe international and national and national and national and national architecture (if I am a small nature). S. Port of entrodate leaving acture. Residue Manifest Reference N	cribed above mal governmi	by the proper ship ental regulations. If eral control and the ship Partial Rejection	ping name, a export ships	Month Day Ye Full Rejection
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transpoar coording to apply Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity genue exports s/Offeror's Printed/Typent Name Signature (for exports only): International Shipments Import to U.S. Importer Acknowledgment of Receipt of Materials September 1 Printed/Typed Name Discrepancy a. Discrepancy Indication Space Quantity Type Alternate Facility (or Generator)	are fully and accurately describe international and national and national and national and national architecture (if I am a small nature). S. Port of entrodate leaving acture. Residue Manifest Reference N	cribed above mal governmi	by the proper ship ental regulations. If eral control and the ship Partial Rejection	ping name, a export ships	Month Day Ye Full Rejection
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity gent exports s/Offeror's Printed/Typen Name Sign International Shipments Import to U.S. Export from U.S. International Shipments Import to U.S. Export from U.S. International Shipments Import to U.S. Importer Acknowledgment of Receipt of Materials Discrepancy Indication Space Ouantity Type Discrepancy Indication Space Ouantity Type Alternate Facility for Generator) Alternate Facility for Generator) Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, a	are fully and accurately describe international and natic ledgment of Consent, erator) or (b) (if I am a small nature). S. Port of entropate leaving atture. Residue Manifest Reference Nonderschild recycling systems)	cribed above mal governmi quantity gen ylexist: 1 U.S.:	by the proper ship ental regulations. If eral control and the ship Partial Rejection	ping name, a export ships	Month Day Ye Month Day Ye Month Day Ye Full Rejection
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exponer. I certify that the contents of this consignment conform to the terms of the attached EPA Acknow I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity gent exports s/Offeror's Printed/Typen Name Sign International Shipments Import to U.S. Export from U.S. International Shipments Import to U.S. Export from U.S. International Shipments Import to U.S. Importer Acknowledgment of Receipt of Materials Discrepancy Indication Space Ouantity Type Discrepancy Indication Space Ouantity Type Alternate Facility for Generator) Alternate Facility for Generator) Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, a	are fully and accurately describe international and natic ledgment of Consent, erator) or (b) (if I am a small nature). S. Port of entropate leaving atture. Residue Manifest Reference Nonderschild recycling systems)	cribed above mal governmi quantity gen ylexist: 1 U.S.:	by the proper ship antal regulations. If erallocations are Partial Rejection	ping name, a export ships	Month Day Ye Month Day Ye Month Day Ye Full Rejection
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment marked and labeled/placarded, and are in all respects in proper condition for transport according to applic Exporter. I ceruly that the contents of this consignment conform to the terms of the attached EPA Acknowlength of the certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity genuing senerator's Printed Typem Name Sign Statement Shipments Importer Signature (for exports only): I transporter Acknowledgment of Receipt of Materials Transporter Acknowledgment of Receipt of Materials Discrepancy Discrepancy Indication Space Quantity Type Atternate Facility (or Generator) Atternate Facility (or Generator) Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, a	are fully and accurately describe international and national and natio	cribed above mal governmi quantity gen ylexist: 1 U.S.:	by the proper ship antal regulations. If erallocations are Partial Rejection	ping name, a export ships	Month Day Ye Month Day Ye Month Day Ye Full Rejection
5. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment, marked and labeled/placarded, and are in all respects in proper condition for transpording according to applic Exporter. I certify that the contents of this consignment conform to the terms of the attached EPA Acknown I certify that the waste minimization statement identified in 40 CFR 262-27(a) (if I am a large quantity gening temporary softency	are fully and accurately describe international and national and natio	cribed above mal governmi quantity gen ylexist: 1 U.S.:	by the proper ship antal regulations. If erallocations are Partial Rejection	ping name, a export ships	Month Day Ye Month Day Ye Month Day Ye Full Rejection

Capitol Environmental Services, Inc.

INVOICE

P.O. Box 37143 Baltimore, MD 21297-3143

SOLD TO: Carousel Center 9090 Carousel Center Drive Syracuse, NY 13290 Attn: Accounts Payable

SHIPPED TO: Vickery Environmental, Inc. INVOICE NUMBER 28590

INVOICE DATE | 08/17/2017

TERMS | NET 30 DAYS

YOUR ORDER NUMBER 17435

SALES REP M.Schubert

SHIPPED VIA Page

PREPAID or COLLECT | Collect

QUANTITY	DESC	RIPTION	UNIT PRICE	AMOUNT
4607	Gallons Disposal of F039 Water	er (VB5696)	\$0.42	\$1,934.9
	Manifest#014463551JJK			4 1,00 112
1	Load Transportation		\$1,950.00	\$1,950.0
1	Each Fuel surcharge (24%)		\$468.00	\$468.0
	Date of Shipment: 7/31/17		7100.00	\$400.0
	R	SCEIVED		
		ALIC 1 / 2017		
	1	AUG 1 / 2017	1	
	Per	s Gold		
	Generator: Conklin Limited			
	372 W. Hiawatha Blvg	J		
	Syracuse, NY 13202	۱.	1 1	
	Syracuse, NY 13202			
"Demurrage	e and surcharges, if applicable, will t	pe billed separately"	SUBTOTAL	\$4,352.94
		, ,	TAX (8%)	\$348.24
(1) 14 15 5			FREIGHT	\$0.00
	1-2786-27117-28590			\$4,701.18
	ncerning this invoice? Amy Moser (302)380-3737	MAKE ALL CHEC		PAY THIS
	7/11/y Woder (502)500-5757	Capitol Environmen	ital Services, Inc.	AMOUNT

amoser@capitolenv.com

THANK YOU FOR YOUR BUSINESS!

WASTE A	AZARDOUS	NYD 986 870 558		1 /3	02)54	7-53	96 01	446	3551 JJ
5. Generalor's	Name and Mailing	g Address		Gener	ator's Site Address				
Contdin Li	milled						-		
9090 Card	ousel Center,	Syracuse, NY 13290			372 Hierwat	he Blvd	Syracuse, N	Y 13202	
	hone (315) 48			3.0					
	Company Name					-	S EPA D	Number	
DA	AC-6	FIC T	N/ Co				11/65	148	69947
7 Transarder	* Company Name					-	1/4/10	10(× 17 1 /
(Italian Cite)	* countries of secure						U.S. ETH 10	numper	
D. Danier and	Facility Name and	Cita & dalama							
							U.S. EPA ID	Number	
		cleary Environmental							
3956 State		Vlickery, OH 43464						(OHD 020 273 819
Facility's Phon	e (419) 54	7-7791					1		
		r including Proper Shipping Na	me, Hazard Class, ID Number	l,	10. Contai	ners	11. Total	12. Unit	40.144
HM and P	acking Group if ar	1y}.			No	Type	Quantity	Wt./Vol	13. Waste Codes
X NA3	VION Library	ous Waste, Liqued, N.C	10 0 111						FROM
. 4			/ J., 8, III		1	TT	11000	G	F039
CVAN	ene, Naphtha	eene)			i		4500		
2.						—			
					1	l			
					1	1	1	1 1	
3					-		-	-	
								0	
						1			
					L.				
4									
							1		<u>)</u>
14. Special Har	ndling Instructions	and Additional information			A CONTRACTOR OF THE PARTY OF TH	100	4		
مد و بد ـــــــــــــــــــــــــــــــــ									
1: MODE AS	35696 ERG1	71			SR# 105	747	37-1		
1: Mpp# 4t	35696 ERG (71			SR# / 0 %	7973	37-1		
1; ALPIDIIF VI ERNI:	35696 ERG1	71			SR# / 0 /	9973	37-1		LANGE M. BACONLI
ERI:	TOP'S/OFFEROR	'S CERTIFICATION, nereby	declare that the conflexis of the	o considerment are fully	and accurately de-	scribed above	e by the renner of	ubbina arma	JOBS WILM-MSCH-
ERI: 5. GENERA' markec ar	FOR SOFFEROR	'S CERTIFICATION, hereby etc. and the mail respects in pri	oper condition for transport ac	cording to applicable int	and accurately de-	scribed above	e by the renner of	ipping name	and are described particular
ERI: 5. GENERA' marked at Exporter	TOR'S/OFFEROR	'S CERTIFICATION, hereby ed, and the mail respects in pri niterits of this consignment conf	oper condition for transport ac orm to the terms of the attach	cording to applicable int ed EPA Adknowledomei	and accurately de- emational and nati	scribed abovernments	e by the proper sh rental regulations	ipping name If export shi	and are described particular
ERI: 5. GENERA' marked at Exporter 1 certify th	FOR'S/OFFEROR nd labeled/plucard certify that the vo at the waste minur	'S CERTIFICATION. hereby ed, and the mail respects in pri ntents of this consignment conf in abon statement identified in a	oper condition for transport ac orm to the terms of the attach	cording to applicable int ed EPA Adknowledgmer ge quantity generator) c	and accurately de- emational and nati	scribed abovernments	e by the proper sh rental regulations	ipping näme If export shi	, and are classified, package pment and I am the Primary
5. GENERA' marker at Exporter 1 certify the	FOR'S/OFFEROR in labeled/plucard cernly that the co to the waste manu- eror's Powers Type	'S CERTIFICATION. hereby so, and the mail respects in printers of this consignment confi in abort statement identified in a ki.juding.	oper condition for transport ac orm to the terms of the attach	cording to applicable int ed EPA Adknowledomei	and accurately de- emational and nati	scribed abovernments	e by the proper shemal regulations	If export shi	and are classified, package pment and I am the Pomary
5. GENERA marked ar Exporter 1 certify the ione stors/Office	TOR'S/OFFEROR In labeled/placate control that the too set the waste minure tor's Ponted Type	'S CERTIFICATION. hereby ed, and the mail respects in pri ntents of this consignment conf in abon statement identified in a	oper condition for transport ac orm to the terms of the attach	cording to applicable int ed EPA Adknowledgmer ge quantity generator) c	and accurately de- emational and nati	scribed abovernments	e by the proper sh rental regulations	If export shi	, and are classified, package pment and I am the Primary
5. GENERA: marked an arrange is certify the control of the control	FOR'S/OFFEROR In labeled/blacard certify that the to be the waste manu- eror's Pomed Type (VI) Shipments	'S CERTIFICATION. hereby ied, and see in all respects in printents of this consignment confinitation statement identified in a solution. Statement identified in a solution.	oper condition for transport so, orm to the terms of the attach in CEFP 252-27(a) (if am a fac	cording to applicable int ed EPA Adknowledgmer ge quantity generator) c	and accurately de- emational and nat- it of Consent ir (b) (fl) am a sma	scribed above onal governo ill quantity ge	e by the proper shemal regulations	If export shi	and are classified, package pment and I am the Pomary
5. GENERA: marked an arrange is certify the control of the control	TOR'S/OFFEROR In labeled/placate control that the too set the waste minure tor's Ponted Type	'S CERTIFICATION. hereby ied, and see in all respects in printents of this consignment confinitation statement identified in a solution. Statement identified in a solution.	oper condition for transport so, orm to the terms of the attach in CEFP 252-27(a) (if am a fac	cording to applicable integral EPA Adknowledgments of quantity generator) of Signiture	and accurately de- emational and nati	scribed above onal government of the control of the	e by the proper shemal regulations	If export shi	and are classified, package pment and I am the Pomary
5. GENERA: marked at Exporter toerthy tru ione tor s/Offi 6. Internationa ransporter skg 7. Transporter	TOR'S/OFFEROR In abelied/placatic certify that the co- talline waster return eror's Ponteri-Type (3) Shipments nature (for exports Acknowled/gment of	'S CERTIFICATION. Increby etc. and sea in all respects in printents of this consignment confineation statement identified in a solution. If the confine increase is a solution is a solution of the confine increase in the confine in the confine increase in the confine inc	oper condition for transport so, orm to the terms of the attach in CEFP 252-27(a) (if am a fac	cording to applicable integral EPA Adknowledgments of quantity generator) of Signiture	and accurately de- armational and nati to Consent ii (b) ;if i am a sma Port of ent	scribed above onal government of the control of the	e by the proper shemal regulations	If export shi	and are classified, package pment and I am the Pomary
5. GENERA: marked at Exporter i certify the ione jury soft 6. Internationa ransporter skgl 7. Transporter ransporter 1 Pr	TOR'S/OPFEROR In abelied/placatic certify that the use the master nature errors Pronted Type 1 Shiptinents hature (for exports Acknowledgment of inted/Types Name	'S CERTIFICATION. hereby etc. and the in all respects in printents of this consignment confined to the statement identified in a solution. The statement identified in a solution. I mport to U.S. anly).	oper condition for transport so, orm to the terms of the attach (CLEP 252.27(a) (fill am a fac	cording to applicable integral EPA Adknowledgments of quantity generator) of Signiture	and accurately de- armational and nati to Consent ii (b) ;if i am a sma Port of ent	scribed above onal government of the control of the	e by the proper shemal regulations	If export shi	and are classified, package pment and I am the Primary
5. GENERA: marked at Exporter i certify the ione jury soft 6. Internationa ransporter skgl 7. Transporter ransporter 1 Pr	TOR'S/OFFEROR In abelied/placatic certify that the co- talline waster return eror's Ponteri-Type (3) Shipments nature (for exports Acknowled/gment of	'S CERTIFICATION. hereby etc. and the in all respects in printents of this consignment confined to the statement identified in a solution. The statement identified in a solution. I mport to U.S. anly).	oper condition for transport so, orm to the terms of the attach (CLEP 252.27(a) (fill am a fac	cording to applicable in the ad EPA Acknowledgmen ge quantity generator) of Significan and the acknowledgmen generator) of Significan acknowledgment from U.S.	and accurately de- armational and nati to Consent ii (b) ;if i am a sma Port of ent	scribed above onal government of the control of the	e by the proper shemal regulations	If export shi	and are classified, package pment and I am the Phrnary Por th Day Month Day
5. GENERA: marked at Exporter 1 certify the inerestor's Office 6. International ransporter sign 7. Transporter ransporter 1 Pr	TOR'S/OPFEROR In abelied/placatic certify that the use the master nature errors Pronted Type 1 Shiptinents hature (for exports Acknowledgment of inted/Types Name	'S CERTIFICATION. hereby ied, and see in all respects in printents of this consignment confined to statement identified in a so politic. I import to U.S. anity) If Receipt of Materials.	oper condition for transport so, orm to the terms of the attach (CLEP 252.27(a) (fill am a fac	cording to applicable in ad EPA Acknowledgmen ge quantity generation; generation; Signiture; Signiture; Signiture	and accurately de emalonal and nati it of Consent in (b) (if) am a sma Port of ent Date leave	scribed above onal government of the control of the	e by the proper shemal regulations	If export shi	and are classified, package pment and I am the Phinary Por th Day Month Day
5. GENERA: marked at Exporter 1 certify the inerestor's Office 6. International ransporter sign 7. Transporter ransporter 1 Pr	TOR'S/OFFEROR In abelied/placate certify that the co put the waste nature error's Ponterfullype for a ponterfullype action of the ponterfully action o	'S CERTIFICATION. hereby ied, and see in all respects in printents of this consignment confined to statement identified in a so politic. I import to U.S. anity) If Receipt of Materials.	oper condition for transport so, orm to the terms of the attach (CLEP 252.27(a) (fill am a fac	cording to applicable in the ad EPA Acknowledgmen ge quantity generator) of Significan and the acknowledgmen generator) of Significan acknowledgment from U.S.	and accurately de emalonal and nati it of Consent in (b) (if) am a sma Port of ent Date leave	scribed above onal government of the control of the	e by the proper shemal regulations	If export shi	and are classified, package pment and I am the Phrnary Por th Day Month Day
5. GENERA: marked at Exponer: 1 certify the Gener for sOffice 6. Internationa iransporter sign 7. Transporter 1 Pr C 1 Pr ransporter 2 Pr ransporter 2 Pr	FOR SIOPFEROR IN additional opening that the color that the color that the color than the waster name errors Prometilype Instruments nature (for exports acknowledgment of inted Types Name	'S CERTIFICATION. hereby ied, and see in all respects in printents of this consignment confined to statement identified in a so politic. I import to U.S. anity) If Receipt of Materials.	oper condition for transport so, orm to the terms of the attach (CLEP 252.27(a) (fill am a fac	cording to applicable in ad EPA Acknowledgmen ge quantity generation; generation; Signiture; Signiture; Signiture	and accurately de emalonal and nati it of Consent in (b) (if) am a sma Port of ent Date leave	scribed above onal government of the control of the	e by the proper shemal regulations	If export shi	and are classified, package pment and I am the Phinary Por th Day Month Day
5. GENERA: marked ar Exponer:	FOR SLOFFEROR no labeled/placation of the transfer from errors Prometry per Committee and the construction of the committee and the commit	'S CERTIFICATION. hereby to ed, and the and the and if respects in printers of this consignment confine also statement identified in a scriptory. I when the analysis is anny. I import to U.S. anny. Id Receipt of Materials.	oper condition for transport so, orm to the terms of the attach if CEFP 252 27(a) (if am a factor).	cording to applicable in ad EPA Acknowledgmen ge quantity generation; generation; Signiture; Signiture; Signiture	and accurately de emalonal and nati it of Consent in (b) (if) am a sma Port of ent Date leave	scribed above onal government of the control of the	e by the proper shemal regulations	If export shi	and are classified, package pment and I am the Phinary Por th Day Month Day
5. GENERA: marked ar Exponer:	FOR SIOPFEROR IN additional opening that the color that the color that the color than the waster name errors Prometilype Instruments nature (for exports acknowledgment of inted Types Name	'S CERTIFICATION. hereby to ed, and the and the and if respects in printers of this consignment confine also statement identified in a scriptory. I when the analysis is anny. I import to U.S. anny. Id Receipt of Materials.	oper condition for transport so, orm to the letrins of the attach (CLEP 252.27(a) (fill am a fac	cording to applicable in ad EPA Acknowledgmen ge quantity generation; generation; Signiture; Signiture; Signiture	and accurately de emalonal and nati it of Consent in (b) (if) am a sma Port of ent Date leave	scribed above onal government of the control of the	e by the proper shemal regulations	ll export sh	and are classified, package pment and tam the Primary Por th Day 7 31 Month Day Month Day
5. GENERA: marked ar Exponer:	FOR SLOFFEROR no labeled/placation of the transfer from errors Prometry per Committee and the construction of the committee and the commit	'S CERTIFICATION. hereby etc. and the in all respects in printens of this consignment confinition is statement identified in a solution. I mport to U.S. anly). If Receipt of Materials.	oper condition for transport so, orm to the terms of the attach if CEFP 252 27(a) (if am a factor).	cording to applicable in ad EPA Acknowledgmen ge quantity generation; generation; Signiture; Signiture; Signiture	and accurately de- emplored and national of Consent (b) (f) am a small Port of ent Date leaves	scribed above onal government of the control of the	e by the proper sh nental regulations nerator)	ll export sh	and are classified, package pment and I am the Phinary Por th Day Month Day
5. GENERA: marked at Exponer: 1 certify the Generationa iransporter sign 7. Transporter 1 ransporter 2 Pr ransporter 2 Pr Ransporter 3 Ransporter 3 Ransporter 4 Ransporter 4 Ransporter 5 Ransporter 7 Ransporter 7 Ransporter 7 Ransporter 8 Ransporter 8 Ransporter 9	FOR SIOPFEROR to abelied/placated certify that the color to the waster nature errors Prometr'lype For Aports Acknowledgment of the Aports Acknowledgment of the Aports Name of the Aport	'S CERTIFICATION. hereby etc. and ere in all respects in printents of this consignment confined to statement identified in a so print. I mport to U.S. anny: SEPAUG Quantity Quantity	oper condition for transport so, orm to the terms of the attach if CEFP 252 27(a) (if am a factor).	cording to applied the integral of EPA Acknowledgmen ge quantity generatory Signature Export from U.S. Signature Signature	and accurately de- emplored and national of Consent (b) (f) am a small Port of ent Date leaves	scribed abovernor on all governor of the control of	e by the proper sh nental regulations nerator)	ll export sh	and are classified, package pment and tam the Primary Por th Day 7 31 Month Day Month Day
5. GENERA: marked at Exponer: 1 certify the Generationa iransporter sign 7. Transporter 1 ransporter 2 Pr ransporter 2 Pr Ransporter 3 Ransporter 3 Ransporter 4 Ransporter 4 Ransporter 5 Ransporter 7 Ransporter 7 Ransporter 7 Ransporter 8 Ransporter 8 Ransporter 9	FOR SLOFFEROR no labeled/placation of the transfer from errors Prometry per Committee and the construction of the committee and the commit	'S CERTIFICATION. hereby etc. and ere in all respects in printents of this consignment confined to statement identified in a so print. I mport to U.S. anny: SEPAUG Quantity Quantity	oper condition for transport so, orm to the terms of the attach if CEFP 252 27(a) (if am a factor).	cording to applied the integral of EPA Acknowledgmen ge quantity generatory Signature Export from U.S. Signature Signature	and accurately de- emplored and nate if of Consent in (b) (if) am a small in (b) (if) am a small in Date leavil	scribed abovernor on all governor of the control of	e by the proper sh nental regulations nerator)	If export shi	and are classified, package pment and tam the Primary Por th Day 7 31 Month Day Month Day
5. GENERA: marked at Exponer: 1 certify the Generationa iransporter sign 7. Transporter 1 ransporter 2 Pr ransporter 2 Pr Ransporter 3 Ransporter 3 Ransporter 4 Ransporter 4 Ransporter 5 Ransporter 7 Ransporter 7 Ransporter 7 Ransporter 8 Ransporter 8 Ransporter 9	FOR SIOPFEROR to abelied/placated certify that the color to the waster nature errors Prometr'lype For Aports Acknowledgment of the Aports Acknowledgment of the Aports Name of the Aport	'S CERTIFICATION. hereby etc. and ere in all respects in printents of this consignment confined to statement identified in a so print. I mport to U.S. anny: SEPAUG Quantity Quantity	oper condition for transport so, orm to the terms of the attach if CEFP 252 27(a) (if am a factor).	cording to applied the integral of EPA Acknowledgmen ge quantity generatory Signature Export from U.S. Signature Signature	and accurately de- emplored and nate if of Consent in (b) (if) am a small in (b) (if) am a small in Date leavil	scribed abovernor on all governor of the control of	e by the proper sh nental regulations nerator)	If export shi	and are classified, package pment and tam the Primary Por th Day 7 31 Month Day Month Day
5. GENERA: marked at Exponer: 1 certify the Generation a fransporter sign 7 Transporter 1 ransporter 1 ransporter 2 Pr	FOR SLOFFEROR to above the top of	'S CERTIFICATION. hereby test and the and the and the analytespects in printerts of this consignment confunction statement identified in a south statement identified in a south printer of the analytes and the analytes and the analytes are also analytes. SEPAUG Guantity	oper condition for transport so, orm to the terms of the attach if CEFP 252 27(a) (if am a factor).	cording to applied the integral of EPA Acknowledgmen ge quantity generatory Signature Export from U.S. Signature Signature	and accurately de- emplored and nate if of Consent in (b) (if) am a small in (b) (if) am a small in Date leavil	scribed abovernor on all governor of the control of	e by the proper sh nental regulations nerator)	If export shi	and are classified, package pment and tam the Primary Por th Day 7 31 Month Day Month Day
5. GENERA: marked at Exponer: 1 certify the Generation a fransporter sign 7 Transporter 1 ransporter 1 ransporter 2 Pr	FOR SIOPFEROR to abelied/placated certify that the color to the waster nature errors Prometr'lype For Aports Acknowledgment of the Aports Acknowledgment of the Aports Name of the Aport	'S CERTIFICATION. hereby test and the and the and the analytespects in printerts of this consignment confunction statement identified in a south statement identified in a south printer of the analytes and the analytes and the analytes are also analytes. SEPAUG Guantity	oper condition for transport so, orm to the terms of the attach if CEFP 252 27(a) (if am a factor).	cording to applied the integral of EPA Acknowledgmen gas quantity generatory Signature Export from U.S. Signature Signature	and accurately de- emplored and nate if of Consent in (b) (if) am a small in (b) (if) am a small in Date leavil	scribed abovernor on all governor of the control of	e by the proper sh nental regulations nerator)	If export shi	and are classified, package pment and I am the Primary Por th Day 7 3 1 Month Day 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5. GENERA: marked at Exponer: 1 certify the Generation a fransporter sign 7 Transporter 1 ransporter 1 ransporter 2 Pr	FOR SLOFFEROR to above the top of	'S CERTIFICATION. hereby test and the and the and the analytespects in printerts of this consignment confunction statement identified in a south statement identified in a south printer of the analytes and the analytes and the analytes are also analytes. SEPAUG Guantity	oper condition for transport so, orm to the terms of the attach if CEFP 252 27(a) (if am a factor).	cording to applied the integral of EPA Acknowledgmen gas quantity generatory Signature Export from U.S. Signature Signature	and accurately de- emplored and nate if of Consent in (b) (if) am a small in (b) (if) am a small in Date leavil	scribed abovernor on all governor of the control of	e by the proper sh nental regulations nerator)	If export shi	and are classified, package pment and I am the Primary Por th Day 7 3 1 Month Day Full Rejection
5. GENERA: marked ar Exponer:	FOR SLOFFEROR no labeled phical of certify that the color in wastern under control of the wastern under control of the control of the certific per certific and the control of the certific per certific	'S CERTIFICATION, hereby to ec, and the analytic solid real or all respects in printers of this consignment confunction statement identified in a scriptory. I mport to U.S. anhytical solid receipt of Materials. SEPALIG	pper condition for transport so order to the letterns of the attach in CEFR 262.27(a) (4 am a fac	cording to applied the intended EPA Acknowledgmenge ge quantity generator) of Signature. Export from U.S. Signature.	and accurately described and national and na	scribed abovernor on all governor of the control of	e by the proper sh nental regulations nerator)	If export shi	and are classified, package pment and I am the Primary Por th Day 7 3 1 Month Day 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5. GENERA: markec ar Exporter 1 certify the Sene; tor storic 6. Internationa (ransporter skyl) 7. Transporter 1 Pr C1 Pr Ransporter 2 Pr Ransporter 2 Pr Ransporter 5 Pr Ransporter 5 Pr Ransporter 6 Pr Ransporter 6 Pr Ransporter 7 Pr Ransporter 7 Pr Ransporter 7 Pr Ransporter 8 Pr Ransporter 8 Pr Ransporter 9 Pr Ransp	FOR SIOPFEROR In Jabelled placato certify that the too at the work of the process Powerfully per Comment of the process Powerfully per Comment of the process Powerfully and the process Powerfully and the process Powerfully and Name of the process Powerfully and Name of the process Powerfully and Powerfull	'S CERTIFICATION. hereby test and the and the and the analytespects in printerts of this consignment confunction statement identified in a south statement identified in a south printer of the analytes and the analytes and the analytes are also analytes. SEPAUG Guantity	pper condition for transport so order to the letterns of the attach in CEFR 262.27(a) (4 am a fac	cording to applied the integral EPA Acknowledgment ge quantity generator) of Signature. Signature. Signature. Signature.	and accurately described and national and na	scribed abovernor on all governor of the control of	e by the proper shemal regulations rerator)	If export shi	and are classified, package pment and I am the Primary Por th Day 7 3 1 Month Day 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5. GENERA: markec ar Exporter 1 certify the Sene; tor storic 6. Internationa (ransporter skyl) 7. Transporter 1 Pr C1 Pr Ransporter 2 Pr Ransporter 2 Pr Ransporter 5 Pr Ransporter 5 Pr Ransporter 6 Pr Ransporter 6 Pr Ransporter 7 Pr Ransporter 7 Pr Ransporter 7 Pr Ransporter 8 Pr Ransporter 8 Pr Ransporter 9 Pr Ransp	FOR SLOFFEROR no labeled phical of certify that the color in wastern under control of the wastern under control of the control of the certific per certific and the control of the certific per certific	'S CERTIFICATION, hereby to ec, and the analytic solid real or all respects in printers of this consignment confunction statement identified in a scriptory. I mport to U.S. anhytical solid receipt of Materials. SEPALIG	pper condition for transport so order to the letterns of the attach in CEFR 262.27(a) (4 am a fac	cording to applied the intended EPA Acknowledgmenge ge quantity generator) of Signature. Export from U.S. Signature.	and accurately described and national and na	scribed abovernor on all governor of the control of	e by the proper sh nental regulations nerator)	If export shi	and are classified, package pment and I am the Primary Por th Day 7 3 1 Month Day 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5. GENERA: markec ar Exporter 1 certify the Sene: tors office 6. Internationa reansporter sign 7. Transporter 1 Pr ransporter 1 Pr ransporter 2 Pr 8. Discrepance 8. Discrepance 8. Alternate Fa actility's Phorie 1. Hazardous V	FOR S/OFFEROR on abelief placate certify that the so at the waste manner of the sound of the sou	S CERTIFICATION. hereby est, and the in all respects in printents of this consignment confination statement identified in a solution. I might be statement identified in a solution. I might be used in the confined in the co	pper condition for transport so orm to the letterms of the attach. If CFR 252.27(a) (4 am a factor) amount of the attach of CFR 252.27(a) (4 am a factor) amount of the attach of the at	cording to applied the integral EPA Acknowledgmen ge quantity generatory. Signature Signature Signature Signature Signature 3.	and accurately describing and national and national and national for the Consent (b) (f) am a small Port of entitle Residue anitest Reference	scribed aboverno onal governo ill quantity ge rylexit ng U.S.	e by the proper shemal regulations rerator)	If export shi	and are classified, package pment and I am the Primary Por th Day 7 3 1 Month Day 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
5. GENERA: markec ar Exponer: 1 certify the 1 certify the Sene: tors office O IS 6. Internationa reansporter sign 7. Transporter 1 Pr ransporter 2 Pr ransporter 2 Pr ransporter 2 Pr ransporter 3 Pr ransporter 3 Pr ransporter 4 Pr ransporter 5 Pr ransporter 6 Pr ransporter 6 Pr ransporter 7 Pr ransporter 7 Pr ransporter 8 Pr ransporter 8 Pr ransporter 9 Pr ransport	FOR S/OFFEROR on abore soft opens, that the cool in the sade number of S Ponter I year of S Ponter I Alleman F S Ponter I Alleman F S Ponter I year of S Ponter I yea	'S CERTIFICATION, hereby to ec, and the analytic solid real or all respects in printers of this consignment confunction statement identified in a scriptory. I mport to U.S. anhytical solid receipt of Materials. SEPALIG	pper condition for transport so orm to the letterms of the attach. If CFR 252.27(a) (4 am a factor) amount of the attach of CFR 252.27(a) (4 am a factor) amount of the attach of the at	cording to applied the intended EPA Acknowledgment ge quantity generator) of Signature. Export from U.S. Signature. Signature. Multiple Signature. Add by the manifest exceled EPA Acknowledge the intended to the intend	and accurately describing and national and national and national for the Consent (b) (f) am a small Port of entitle Residue anitest Reference	scribed aboverno onal governo ill quantity ge rylexit ng U.S.	e by the proper shemal regulations rerator)	If export shi	and are classified, package pment and I am the Primary Por th Day 7 3 1 Month Day Full Rejection Month Day
5. GENERA: marked at Exporter 1 certify the Sene tor's Office 6. Internationa (ransporter skyl) 7. Transporter 1 Proceedings of the Ransporter 1 Proceedings of the Ransporter 2 Proceedings of the Ransporter 3 Proceedings of the Ransporter 5 Proceedings of the Ransporter 6 Proceedings of the Ransporter 7 Proceedings of the Ransporter 8 Proceedings of the Ransporter 9 Proceedings o	FOR SIOPFEROR In Jabelled Pipicard certify that the too earnly that the too earnly that the too earnly that the too earnly shiptinents nature (to exports nature (to exports nature (to exports nature (to exports nature) to export shiptinent Typed Name of the too earnly of the earnly indication Space on the too earnly of the	S CERTIFICATION. hereby est, and the in all respects in printents of this consignment confination statement identified in a solution. I might be statement identified in a solution. I might be used in the confined in the co	oper condition for transport so, orm to the terms of the attach of CEFP 252.27(a) (if am a factor) and a factor of the condition of the condit	cording to applied the integral EPA Acknowledgmen ge quantity generatory. Signature Signature Signature Signature Signature 3.	and accurately describing and national and national and national for the Consent (b) (f) am a small Port of entitle Residue anitest Reference	scribed abovernor all quantity get some state of the scriber of th	e by the proper shemal regulations rerator)	If export shi	and are classified, package pment and I am the Primary Por th Day 7 3 1 Month Day 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1

LCS, LDS, and MW Data

- C-1 LCS and LDS As-built Data
- C-2 Monitoring Data (LCSs and LDSs)
- C-3 Depth of Water in LCSs
- C-4 MW As-built Data
- C-5 MW Monitoring Data

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

	RIM	INV	1997 RIM	1997 INV	2004 RIM	2003 INV	2011 RIM	2011 INV		RIM	INV	1997 RIM	1997 INV	2004 RIM	2003 INV	2011 RIM	2011 INV
WELL	ELEV	ELEV	ELEV	ELEV ¹	ELEV ²	ELEV ¹	ELEV ³	ELEV ¹	WELL	ELEV	ELEV	ELEV	ELEV ¹	ELEV ²	ELEV ¹	ELEV ³	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

- 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 2017 reflect the 2011 survey information.
- 7. Elevations refer to Syracuse City Datum.

Table C-2 Conklin Limited Site #734048 Monitoring Data

	LCS-1		LDS-1		LCS-2		LDS-2		LCS-3		LDS-3		LCS-4		LDS-4		LCS-5		LDS-5	
	DEPTH		DEPTH	*******	DEPTH	WATER	DEPTH	WATER	DEPTH		DEPTH	WATER	DEPTH	WATER	DEPTH	********	DEPTH		DEPTH	WATER
DATE ¹	TO WATER ²	WATER ELEV ³	TO WATER	WATER ELEV	TO WATER	ELEV	TO WATER	ELEV	TO WATER	WATER ELEV	TO WATER	ELEV	TO WATER	ELEV	TO WATER	WATER	TO WATER	WATER ELEV	TO 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 04/27/94	12.71 12.19	6.31 6.83	13.15 12.66	5.89 6.38	18.65 14.81	3.27 7.11	NM 15.97	NM 6.33	12.44 12.48	7.08 7.04	14.55 13.46	4.91 6.00	15.35 15.23	5.90 6.02	14.29 14.14	6.88 7.03	14.59 14.60	6.73 6.72	7.64 13.30	13.81 8.15
05/24/94	12.19	6.93	13.41	5.63	14.51	7.11	16.61	5.69	12.46	7.04	14.66	4.80	14.96	6.29	15.52	5.65	14.00	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 08/11/94	13.69 14.29	5.33 4.73	14.01 15.05	5.03 3.99	17.04 17.30	4.88 4.62	16.78 17.35	5.52 4.95	13.42 13.78	6.10 5.74	14.77 14.80	4.69 4.66	16.08 16.17	5.17 5.08	16.26 16.51	4.91 4.66	15.49 16.04	5.83 5.28	15.94 16.82	5.51 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 11/14/94	13.82 13.72	5.20 5.30	14.59 14.56	4.45 4.48	17.32 17.65	4.60 4.27	16.92 16.79	5.38 5.51	13.74 13.73	5.78 5.79	14.60 14.31	4.86 5.15	16.44 16.41	4.81 4.84	16.48 16.04	4.69 5.13	16.16 16.02	5.16 5.30	17.16 16.83	4.29 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 02/18/95	14.19 14.23	4.83 4.79	14.04 14.12	5.00 4.92	18.01 18.07	3.91 3.85	17.10 NM	5.20 NM	13.81 13.79	5.71 5.73	14.66 14.28	4.80 5.18	16.46 16.40	4.79 4.85	16.03 16.24	5.14 4.93	16.21 16.17	5.11 5.15	16.71 16.79	4.74 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 05/08/95	13.96 14.01	5.06 5.01	14.05 15.07	4.99 3.97	17.98 17.89	3.94 4.03	16.96 17.88	5.34 4.42	13.91 14.29	5.61 5.23	14.81 16.10	4.65 3.36	16.98 16.72	4.27 4.53	14.87 17.12	6.30 4.05	16.36 16.56	4.96 4.76	15.39 16.47	6.06 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 08/30/95	14.03 14.00	4.99 5.02	14.83 14.25	4.21 4.79	18.03 18.05	3.89 3.87	17.15 17.35	5.15 4.95	13.31 13.79	6.21 5.73	15.32 15.44	4.14 4.02	16.48 16.51	4.77 4.74	16.04 16.02	5.13 5.15	16.49 16.35	4.83 4.97	16.51 16.64	4.94 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 11/27/95	13.91 13.87	5.11 5.15	14.02 14.40	5.02 4.64	18.32 17.71	3.60 4.21	16.43 15.84	5.87 6.46	14.13 13.46	5.39 6.06	15.62 15.50	3.84 3.96	16.45 16.24	4.80 5.01	16.29 14.33	4.88 6.84	16.22 16.11	5.10 5.21	16.14 14.01	5.31 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 05/15/96	13.81 13.92	5.21 5.10	13.72 13.44	5.32 5.60	16.47 17.38	5.45 4.54	16.42 16.37	5.88 5.93	12.86 13.68	6.66 5.84	15.45 14.76	4.01 4.70	16.02 16.40	5.23 4.85	14.07 14.07	7.10 7.10	15.91 16.23	5.41 5.09	13.01 14.81	8.44 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 06/03/97	13.94 13.88	4.34 4.40	13.42 13.82	4.81 4.41	17.40 17.36	3.36 3.40	16.51 16.86	4.49 4.14	13.39 13.42	5.58 5.55	12.91 13.59	5.87 5.19	16.22 16.31	4.43 4.34	13.94 14.01	6.60 6.53	16.12 16.02	4.51 4.61	15.11 14.74	5.62 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 03/19/98	13.91 13.68	4.37 4.60	13.46 13.15	4.77 5.08	17.44 16.32	3.32 4.44	16.58 16.10	4.42 4.90	13.31 12.92	5.66 6.05	13.45 13.59	5.33 5.19	16.28 15.78	4.37 4.87	13.44 13.88	7.10 6.66	16.07 17.40	4.56 3.23	14.81 10.35	5.92 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 11/16/98	13.61 13.66	4.67 4.62	13.62 14.00	4.61 4.23	17.21 17.30	3.55 3.46	16.88 16.79	4.12 4.21	12.79 12.78	6.18 6.19	13.41 13.57	5.37 5.21	15.68 15.65	4.97 5.00	14.48 15.16	6.06 5.38	16.51 16.33	4.12 4.30	16.11 15.68	4.62 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 06/23/00	NM NM	NM NM	13.14 13.28	5.09 4.95	NM NM	NM NM	16.70 16.47	4.30 4.53	NM NM	NM NM	13.45 13.62	5.33 5.16	NM NM	NM NM	13.87 13.97	6.67 6.57	NM NM	NM NM	14.25 14.01	6.48 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 06/26/01	NM 13.83	NM 4.45	12.87 NM	5.36 NM	NM 17.01	NM 3.75	15.80 NM	5.20 NM	NM 16.31	NM 2.66	13.01 NM	5.77 NM	NM 16.82	NM 3.83	13.51 NM	7.03 NM	NM 15.83	NM 4.80	14.70 NM	6.03 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 06/24/02	NM 13.90	NM 4.38	11.53 NM	6.70 NM	NM 17.40	NM 3.36	17.21 NM	3.79 NM	NM 13.51	NM 5.46	13.25 NM	5.53 NM	NM 16.36	NM 4.29	13.87 NM	6.67 NM	NM 16.17	NM 4.46	12.01 NM	8.72 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 10/20/03	13.96 NM	3.70 NM	NM 12.01	NM 5.72	17.43 NM	2.88 NM	NM 15.58	NM 4.92	13.53 NM	4.83 NM	NM 13.70	NM 4.44	16.32 NM	3.68 NM	NM NM	NM NM	16.21 NM	3.90 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
6/15/2004 9/1/2004	NM 14.25	NM 3.41	12.48 NM	5.25 NM	NM 17.03	NM 3.28	15.15 NM	5.35 NM	NM 13.61	NM 4.75	12.98 NM	5.16 NM	NM 16.12	NM 3.88	13.12 NM	6.74 NM	NM 16.30	NM 3.81	10.03 NM	10.12 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 8/24/2006	14.31 14.03	3.35 3.63	12.02 12.38	5.71 5.35	17.18 17.29	3.13 3.02	15.52 15.82	4.98 4.68	13.80 13.73	4.56 4.63	13.33 13.46	4.81 4.68	16.48 16.53	3.52 3.47	12.81 12.37	7.05 7.49	16.11 15.94	4.00 4.17	10.91 10.58	9.24 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 8/4/2008	NM 14.12	NM 3.54	12.53 NM	5.20 NM	NM 17.36	NM 2.95	16.01 NM	4.49 NM	NM 13.68	NM 4.68	13.60 NM	4.54 NM	NM 16.44	NM 3.56	12.56 NM	7.30 NM	NM 15.88	NM 4.23	10.74 NM	9.41 NM
8/4/2008 8/25/2008	14.12 NM	3.54 NM	NM 12.62	5.11	17.36 NM	2.95 NM	NM 15.96	NM 4.54	13.68 NM	4.68 NM	NM 13.28	NM 4.86	16.44 NM	3.56 NM	NM 12.52	7.34	15.88 NM	4.23 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 9/9/2010	NM 13.82	NM 3.84	12.34 NM	5.39 NM	NM 16.82	NM 3.49	15.77 NM	4.73 NM	NM 13.53	NM 4.83	13.47 NM	4.67 NM	NM 16.61	NM 3.39	12.38 NM	7.48 NM	NM 15.73	NM 4.38	10.48 NM	9.67 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 10/5/2011	13.54 NM	3.71 NM	NM 12.57	NM 4.68	17.99 NM	1.93 NM	NM 15.53	NM 4.56	13.49 NM	4.30 NM	NM Dry	NM Dry	16.60 NM	2.80 NM	NM 11.51	NM 7.86	16.22 NM	3.42 NM	NM 13.11	NM 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 6/17/2013	NM 13.97	NM 3.28	Dry NM	Dry NM	NM 17.91	NM 2.01	16.40 NM	3.69 NM	NM 13.75	NM 4.04	Dry NM	Dry NM	NM 16.53	NM 2.87	15.20 NM	4.17 NM	NM 15.84	NM 3.80	10.70 NM	8.85 NM
9/16/2013	NM	3.28 NM	Dry	Dry	17.91 NM	2.01 NM	16.00	4.09	13.75 NM	4.04 NM	Dry	Dry	16.53 NM	NM	13.87	5.50	15.84 NM	3.80 NM	10.68	8.87
6/5/2014 9/24/2014	14.01 NM	3.24 NM	NM	NM Dry	17.84 NM	2.08 NM	NM 17.11	NM 2.98	13.70 NM	4.09 NM	NM Dry	NM	16.48 NM	2.92 NM	NM 12.52	NM 5.85	15.80 NM	3.84 NM	NM 10.66	NM 8.89
9/24/2014 7/14/2015	NM 13.88	NM 3.37	Dry NM	Dry NM	NM 17.89	NM 2.03	17.11 NM	2.98 NM	NM 13.70	NM 4.09	Dry NM	Dry NM	NM 16.51	NM 2.89	13.52 NM	5.85 NM	NM 15.81	3.83	10.66 NM	8.89 NM
9/22/2015	NM 12.02	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
6/20/16 9/14/16	13.93 NM	3.32 NM	NM Dry	NM Dry	17.91 NM	2.01 NM	NM 16.40	NM 3.69	13.74 NM	4.05 NM	NM Dry	NM Dry	16.47 NM	2.93 NM	NM 13.96	NM 5.41	15.77 NM	3.87 NM	NM 10.94	NM 8.61
10/24/17	NM	NM	Dry	Dry	NM	NM	15.65	4.44	NM	NM	Dry	Dry	NM	NM	12.10	7.27	NM	NM	10.75	8.80
10/25/17	12.90	4.35	NM	NM	15.95	3.97	NM	NM	12.98	4.82	NM	NM	13.68	5.73	NM	NM	14.83	4.82	NM	NM

- 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 of ata 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 C-3 **Conklin Limited** Site #734048 Depth of Water in LCS (feet)

	LCS-1	LCS-2	LCS-3	LCS-4	LCS-5
	WATER LEVEL				
DATE ¹					
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 9/7/1994	0.12 0.50	1.35 2.33	0.62 0.61	1.23 1.00	0.69 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 0.40	0.67	0.49	0.42	0.37
5/8/1995 6/5/1995	0.40	0.76 0.67	0.11 0.61	0.68 0.63	0.17 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 0.50
5/15/1996 8/27/1996	0.49 0.53	1.27 1.03	0.72 1.19	1.00 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 11/16/1998	0.80 0.75	1.44 1.35	1.61 1.62	1.72 1.75	0.22 0.40
6/10/1999	0.73	0.70	0.68	1.15	0.40
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 6/24/2002	NM 0.51	NM 1.25	NM 0.89	NM 1.04	NM 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 0.10	NM 1.47	NM 0.60	NM 0.92	NM 0.62
7/11/2005 8/24/2006	0.10 0.38	1.47 1.36	0.60 0.67	0.92 0.87	0.62 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 6/20/2016	0.53 0.48	0.76 0.74	0.70 0.66	0.89 0.93	0.92 0.96
10/25/2017	0.48 1.51	2.70	1.43	3.73	1.91
.012012011	1.01	2.10	1.70	0.10	1.01

- 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.
- Data collected from 2011 through 2017 inclusive reflect the 2011 survey information.
 Based on the 1998 RAP, the corrective action level for the LCSs is 1.5 ft.

Table C-4 Conklin Limited Site #734048

Ground Water Monitoring Well As-built Data

	RIM	INV	1997 RIM	2004 RIM	2011 RIM
WELL	ELEV	ELEV	ELEV	ELEV ³	ELEV⁴
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

- 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 C-5 **Conklin Limited** Site #734048 **Ground Water Monitoring Well Monitoring Data**

	MW-1		MW-2		MW-3		MW-4		MW-5	
	DEPTH		DEPTH		DEPTH		DEPTH		DEPTH	
	то	WATER	TO	WATER	то	WATER	TO	WATER	то	WATER
DATE ¹	WATER ²	ELEV ^{3,4}	WATER	ELEV	WATER	ELEV	WATER	ELEV	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 10.93	4.44 4.74	11.02	4.44	11.63	4.40	10.44	5.38 5.54		
3/13/1995 4/19/1995	11.26	4.74 4.41	10.15	5.31	10.93	5.10	10.28			
5/8/1995	11.46	4.41	10.89 11.21	4.57 4.25	11.41 11.66	4.62 4.37	10.33 10.32	5.49 5.50		
6/1/1995	11.47	4.21	11.21	4.46	11.86	4.17	10.32	5.34		
7/5/1995	11.72	3.95	11.43	4.40	12.15	3.88	10.46	5.26		
8/10/1995	11.81	3.86	11.54	3.92	12.13	3.73	10.30	5.40		
9/25/1995	11.78	3.89	11.54	3.94	12.3	3.81	10.42	5.36		
10/20/1995	11.45	4.22	10.97	4.49	11.53	4.50	10.46	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	10.42	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 10.71	4.40	10.10	4.57	10.62	4.19	13.14	4.53
7/28/2016 10/23/2017	11.26 11.50	3.37	10.71	3.39 4.00	11.46 7.70	3.21 6.97	10.13 9.45	4.68 5.36	14.34	3.33 5.57
10/23/2017	11.50	3.13	10.10	4.00	7.70	0.97	ყ.4ე	J.30	12.10	J.57

Notes:

NM = not measured on that date.

- 1. Date of monitoring well monitoring.
- 2. Depth to water in feet.
- Elevations refer to Syracuse City Datum.
 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.

Laboratory Analytical Results

- D-1 LCS-1 and LDS-1 Water Quality Data
- D-2 LCS-2 and LDS-2 Water Quality Data
- D-3 LCS-3 and LDS-3 Water Quality Data
- D-4 LCS-4 and LDS-4 Water Quality Data
- D-5 LCS-5 and LDS-5 Water Quality Data
- D-6 MW-1 through MW-5 Water Quality Data

																					Sam	ple Loc	ation an	d Date	9																				
	3/31/1994	3/10/1994	6/14/1994	5/27/1994	8/1/1994	10/13/1994	10/12/1994	1/14/1995	1/17/1995	6/5/1995	10/23/1995	5/15/1996	5/29/1996	6/3/1997	6/23/1998	0/20/1990	9/28/1999	8/16/2000	6/26/2001	6/24/2002	10/15/2002	7/16/2003	9/1/2004	7/11/2005	10/31/2005	8/24/2006	10/23/2006	9/26/2007	8/4/2008	8/25/2008	9/10/2009	9/9/2010	9/13/2010	7/13/2011	10/6/2011	9/30/2012		9/16/2013 ⁵	6/5/2014	9/24/2014 ⁵	7/14/2015	75/	6/20/2016 9/14/2016 ⁵	/25	10/24/2017 ⁵
Compound	LCS-1	LDS-1	LCS-1	LDS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LDS-1	LCS-1	LCS-1	LDS-1	LCS-1 LDS-1	LCS-1	1-02-1	LDS-1	LCS-1	LCS-1	LCS-1	LDS-1	LCS-1 LDS-1	LCS-1	LCS-1	LDS-1	LCS-1	LCS-1	LDS-1	LCS-1	LDS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LOS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LDS-1	LCS-1	LCS-1	LDS-1
Dichlorodifluoromethane	63			-								-				-															- <u></u>				.		-							.	
Chloroethane				-								-				- -			2	26	11			58	8		23	8	(6.6					.		-							.	
Chloromethane				-	593	3 110	0 715					-				- -																			-		-							.	
2-Butanone ⁶				-												- -																			-		-		6.0						
Vinyl chloride	88	387	918	-				2	252	- 450		-	210	37	3	2 -	12	18	16 -	20	260	190	44 2	24 2	1		16	8	15	1.4					.		-								
Trans-1,2-dichloroethene				-												- -		5.6								1.5									-		-								
1,1-Dichloroethene		303	-	-								-				- -																			.		-							.	
Methylene chloride			41	-							180 -					- -								- -											-		-								
1,1-Dichloroethane	108		377 8	10 48	80 390	615	5 197		88 5	4 90	90 5	4 160	60	114 58	24 1	35 16	60 68	141 32	88 2	21 88	3 220	33 270	190 1	90 10	96	14 5	5.2 13	5 11	51	17 5	5 56	6.9	8.4	11	3	30	- 61		48		19		19		
Chloroform	44			-												- -								- -					-	- -					.		-							.	
1,1,1-Trichloroethane	65	310	130 7	30 32	25 250	129	286	^	103 3	0 70	64 7	0 21	76	25 29	3	5 1	2	31	12 -			11	17												_ .		-							.	
Trichloroethene	-	-	36	-								- 14		6.1		- -		22						- -				- 1.5							- .		-							-	
Toluene				-								-				- 5	.5												-						.		-							.	
Total Xylenes				_ .					_ _			-				_			.	-							_			_ _	. <u></u>				_ .		.						_ _	.	

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

																				Sa	ample L	ocation	and	Date																			_	
	3/31/1994	6/14/1994	5/27/1994	9/7/1994	6/11/1994	10/12/1994	1/14/1995	1/17/1995	6/5/1995	10/23/1995	10/31/1995	5/15/1996	6/3/1997	6/26/1997	6/23/1998	6/10/1999	9/28/1999	8/16/2000	8/29/2000	8/30/2001	6/24/2002	7/16/2003	10/20/2003	10/20/2004	7/11/2005	10/31/2005	8/24/2006	8/14/2007	9/26/2007	8/4/2008	7/10/2009	9/10/2009	9/9/2010	7/13/2011	10/5/2011	6/18/2012	9/30/2012	9/16/2013	6/5/2014	9/24/2014	9/22/2015	6/20/2016	9/14/2016	10/24/2017
Compound	LCS-2 LDS-2*	LCS-2	LDS-2	CS-5	LUS-2	LDS-2	LCS-2		LCS-2 LDS-2	LCS-2	LDS-2	LCS-2 LDS-2	LCS-2	LDS-2	LCS-2	LCS-2		LCS-2	LCS-2		LCS-2 LDS-2	LCS-2		LCS-2	LCS-2	LDS-2	LCS-2	LCS-2		LCS-2 LDS-2	LCS-2		LCS-2		LDS-2	LCS-2	LCS-2	LDS-2		Z-S(1)	LC3-2		LDS-2	LCS-2
Dichlorodifluoromethane										.						-							-											.						-			-	
Chloromethane				28	324 17	7 116	0			.						-							-											.						-			-	
Vinyl chloride	9.7	3230	985					591	120	00	630	21	0	72	16	60	- 44	2	25 18	38	73 31	8	39 -	- 41	25	17 1	84	6.2	2.4	23	6.3			.						-			-	
Chloroethane										.						-	- 30				63 67		-		69	52		27	6.9					.						-	- 5.7			
2-Butanone ⁵										.						-							- -											.					10 -	-				
1,1-Dichloroethene										.						-							-											.						-				
Methylene chloride		164								200)					-							-											.						-			-	
1,1-Dichloroethane	23	584	442	398 1	69 23	30 239	168	156	64	150	120	15	52	71	257 25	50 18	6 115	221	50 95	48	290	25 1	70 14	10 180	112	50 1	32 5.2	34	24	57 18	61	42	6.9 8.	4 16	9.6	35 1	3 67	15	49 9	0.1 2	5 10	15 1	10 -	- 7.3
Chloroform										.						-							- -											.			- -			-			-	
1,1,1-Trichloroethane	4.9	114	225	260 1	15 17	'5 125	5	80	30 30	32	45	7 32	17	7.2	22 10	0 14	4	20	13				-											.		5.4	- -			-			-	
Trichloroethene	1.8								13	0		43	·		20	- 8.	5	14					-											-			- -			-			-	
Toluene		68								.						-							-			-								-			- -			-			-	
Total Xylenes																-							_ .											-										

- * = 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

																				Sar	nple Lo	cation	and D	ate																			
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	CS-3 10/13/1994	LDS-3 10/12/1994	LCS-3 1/14/1995	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	LCS-3 6/3/1997	LDS-3 6/27/1997	LCS-3 6/22/1998	LCS-3 6/10/1999	LDS-3 9/9/1999	LCS-3 8/16/2000	LCS-3 6/26/2001	LDS-3 8/29/2001	LCS-3 6/24/2002	F Q	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	9	LCS-3 6/5/2014	LCS-3 7/14/2015	LDS-3 9/22/2015 ⁵	LCS-3 6/20/2016 LDS-3 9/14/2016 ⁵	S-3 10/2 S-3 10/2
Dichlorodifluoromethane																																											
Chloromethane					190	00 11	3 1900		120	-			-			-						-												-			-			-			
Chloroethane						-			.	-			-			-			.	65	73 6	7 230	66						3	30 30				-			- -			- 32			
Vinyl chloride	160	243	2477 1	220		- -			-	920 -	62	6	0			-		71 2	5 57	33	31 -	-	35	69	14	18	26	20	2	21 12	!			-		33 -	- -			- 59			
1,1-Dichloroethene	,	42.7				- -				-			-			-																		-			- -			-			
Methylene chloride			180	302		- -			-	3	80		-			-						-							-					-			-			-			
1,1-Dichloroethane	42		202	84 3		- 28	36 274	540 70	510	63 24	40 26	160 1	2 130	9.8	840 -	- 164	ا	253 18	8 172	175	270 1	50 150	150	210 1	80 10	36	44 65	134	132	56 26	58	34	7.5 8.	2 37	12	39 -	3	32	16 -	- 36		6.8	14
Chloroform						- -				-			-			-	7.0					-							-					-									
1,1,1-Trichloroethane	13	20.7	113	62 1	61	- 12	21 273	92	2 34	30 5	7 11	6.	9 19		18 -	- 11						-							-					-			-			-			
Trichloroethene						- -			-				-		14 -	-		8.0											-					-			- -			-			
Toluene						- -			-	-			-			-						-							-					-			- -						
Total Xylenes				-		- -			-	- -			-			-						-			- -				-					-			- -			-			
Carbon tetrachloride						- -			-				-			-												!	9.9					-			- -			-			
Trans-1,2-Dichloroethene]		- -			-	.			-		3	0			.			-			- -									-			- -			-			

- 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.

																						Sa	ample	e Locati	on and [ate																				_	
	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	10/23/1995	10/31/1995	5/15/1996	5/29/1996	6/27/1997	6/22/1998	6/24/1998	6/10/1999	8/16/2000	8/29/2000	6/26/2001	0/28/2001	6/24/2002	7/16/2003	9/1/2004	10/28/2004	7/11/2005	10/31/2005	0/24/2000	8/14/2007	9/27/2007	8/4/2008	7/10/2009	9/11/2009	9/9/2010 9/13/2010	7/13/2011	10/5/2011	6/18/2012	(4)	9/16/2013	6/5/2014 9/24/2014	7/14/2015	9/22/2015	6/20/2016	9/14/2016	10/24/2017
Compound	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LCS-4	LDS-4	LCS-4	4 2	LDS-4	LCS-4	LDS-4	LCS-4	LCS-4	LDS-4	LCS-4	LU34	LCS-4 LDS-4	LCS-4 LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LDS-4	LCS-4	LDS-4	LCS4	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	LU34	LDS-4
Dichlorodifluoromethane						1						-	-		- -						1																										
Chloromethane					2100	5081	143 2	2100			66 -	-			-				1	1	-								-																	- -	
Trans-1,2-dichloroethane												-			-					- 8.0	-								-																	- -	
Chloroethane												-			-				6	5	-		7	76 68	32			10.5	-				39										15	8.1		- -	
Vinyl chloride	1330	451	3104	2570					1	1100		-	830	52 7	60 -	- 170	70 6	630	4	6 80	30	150 3	80 8	86		63		103	129	65	32		16 12			7.2	·		33 6.3			15	64		6.6 -	-	
1,1-Dichloroethene		351										-			- -					-	-								-														-			-	
Methylene chloride			223	693								- 93			-					-									-																		
1,1-Dichloroethane	510		1302	639	1600	877	362	813	540 4	430	320 27	74 220	320	160 2	85 14	46 320	7	710 1	78 25	55 204	198	248 1	75 3	310 140	35 6.0	180	89	107	110 -	130	135	42	58 25	56	43 7	7.6 8.8	33	12	36 5.9	32 2	22 2	20 19	34	14	15 -	-	8.9
Chloroform	65											-			-		8			-									-																	-	
1,1,1-Trichloroethane	70	68.5	191	177	285		130	279	^	104	49 4	5 60	52	16 4	13 2	1 14	18	-	14 5.	5 34						13			-																	-	
Trichloroethene				-								-			- -		9			- 17	-		-			-												-					-			- -	
Toluene			59									-			-					-						-												-									
Bromomethane												-			-					-								21.5																		- -	
Total Xylenes										_		_			_		I			.			_						.			_			_								_			_ _	

- Results reported in micrograms per liter (ug/L)(ppb)
 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

																						Sam	ple Lo	cation	and Da	te																					
	3/31/1994	6/14/1004	5/27/1994	9/7/1994	8/11/1994	10/13/1994	10/12/1994	1/14/1995	1/17/1995	6/5/1995	10/23/1995	10/31/1995	5/15/1996 5/29/1996	6/3/1997	6/27/1997	6/23/1998	6/10/1999	9/9/1999	8/16/2000	6/26/2001	8/29/2001	6/24/2002	7/10/2003	11/5/2003	9/1/2004	7/11/2005	10/31/2005	8/24/2006	8/14/2007	9/27/2007	8/4/2008	8/25/2008	7/10/2009	9/11/2009	9/9/2010	7/13/2011	10/5/2011	6/18/2012	30	6/17/2013	6/5/2014	9/24/2014	14/		6/20/2016	10/25/2017	24/
Compound	LCS-5 LDS-5) u	LCS-5	LCS-5	LDS-5	LCS-5	LDS-5	CS-5	CDS-5	LCS-5 LDS-5	CS-5	FDS-5	LCS-5 LDS-5	CS-5	LDS-5	LCS-5	CS-5	LDS-5	LCS-5 LDS-5	LCS-5	FDS-5	LCS-5	FCS-5	LDS-5	LCS-5 LDS-5	CS-5	LDS-5	LCS-5	LCS-5	COS-2	CS-5	LDS-5	CS-5	LDS-5	LCS-5	LCS-5	LDS-5	CS-5	LDS-5	LCS-5	LCS-5	FOS 2	FCS-2	CDS-5	LCS-5 LDS-5	LCS-5	LDS-5
Dichlorodifluoromethane	26	- -												.			.						.													-										-	
Chloromethane		- -		210	0 45	1276	S			20		-		.			.							-										-		-					-					-	
Chloroethane		- -																				75	-	58		38			29	9				37		-		-								-	
2-Butanone ⁵		- -																																		-		-			- 6.0	0					
√inyl chloride		- 14	17 49					19		920		20	15	5					24	16	/	120	-	170	55	26	155	1	.5 17	7	16		8.9	17		-	·									-	
1,1-Dichloroethene	9	-										-		.									.	-												-	·									-	
Methylene chloride		- 14	42 5.1								120			.			10						.													-										-	
1,1-Dichloroethane	21	- 44	40 23	160	0 17	495	14	58	9.7	120 330	230	14 2	270 14	1 105	16	122	58	:	336 8.0	305	17	310	- 60	180	140 270	113	150	7.2 2	20 24	4 7	56	17	58	59 6	6.7 9.	.4 69	9	33	7.9	66 6	.3 33	3	46		14 6.0	0 10	
Chloroform		- -										-		.			.						.	-						- 1.2						-	·									-	
1,1,1-Trichloroethane		- 9	4 3.9	282	2	125		7.9	1.2	26	60	:	28	21		12	12		15				.	-												- 5.5	5									-	
Trichloroethene		- -	- 2.3							18 40			1.3	3		15			14				.	-					5.4	4 1.1						-	. <u></u>									-	
Toluene		- 3	5														.						-							- 	4.0					-											
Bromomethane		- -																								21								-		-		-									
Total Xylenes		- 5	2						_					.			.						.											_		_								_		_	!

- 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

	MW-1	MW-2	MW-3	MW-4	MW-5
		*****	1	WW 4	11111 0
	994 995 995 995 996 997 997 997 997 997 997 997 997 997	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4 4	6071994 (1/31/994) (1/	9997 9998 9999 9999 9001 9005 9005 9005 9005 9007 9007 9009 9009
	1117 1117 1117 1117 1117 1117 1117 111	11.17 11.17	11 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	11.17 11.17	1771 18671 1772
Compound				2	19 8 17 17 8 8 18 18 19 10 10 10 10 10 10 10 10 10 10 10 10 10
Chloromethane	3.3	2.6			
1,1-Dichloroethene	2.4	3.1	- 1.5		
		2.1 1.7 2.1 1.5 1.4			
Trans-1,2-dichloroethene		2.1 1.7 2.1 1.5 1.4			1.0
1.1-Dichloroethane	2.0 2.0 1.1 5.5 1.8 1.8 1.7 1.0	15			23
1,1 Diomorocanano		·· ·			
Chloroform	1.4		1.2		
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 -	2.3 1.1 1.6 1.8 - 2.1 2.0 1.7			2.0 3.5 10
Chlorobenzene				1.9 1.1 1.5 1.5 1.1 1.2	
Chioropenzene					
1,4-Dichlorobenzene				1.5 1.2 1.8 2.0 - 1.2 1.7 1.4 1.7	1.1
Benzene	4.8			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	4.1 2.7 2.4 1.3
Toluene	5.0 4.1 - 2.9 3.0 1.6 1.6 4.7 2.1 1.9	5.1		- 1.9 5.1	1.0
2-Butanone	<u> </u>				
E Batanono	-				
Total Xylenes	5.5			- 4.4 4.9	- 4.9
M&P Xylene					1.5
Maria Oblinia					
Vinyl Chloride					

Notes:

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

I:\Carousel-Ctr-Co.6443\60578.Containment-Str\Docs\Reports\2017 PRR\LABDATA2016.xls 6/7/2018

															ΜV	<i>I</i> -1													
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	6/15/1998	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
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	
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	 5.2					-											
2-Butanone													5.2					-											
Total Xylenes					-					5.5				-				-											
M&P Xylene																													
Vinyl Chloride											_		_		_	_		_			_		_						

- 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

														N	ЛW-2	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
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																											_		

- 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

														1	MW-	3													
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
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														_															

- 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

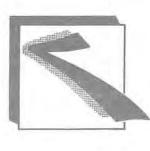
															MW-	4													
Compound	3/31/1994	6/7/1994	9/1/1994	10/11/1994	1/13/1995	5/31/1995	10/20/1995	5/16/1996	6/17/1997	6/16/1998	6/22/1999	8/9/2000	7/31/2001	7/17/2002	8/5/2003	8/23/2004	8/17/2005	9/11/2006	10/31/2007	10/11/2008	10/19/2009	9/10/2010	8/23/2011	7/24/2012	8/21/2013	7/24/2014	8/6/2015	7/28/2016	10/23/2017
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																													

- 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

										N	ЛW-5	5									
Compound	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
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																					-

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

Health and Safety at
Hazardous Waste
Operations Course
Certification



ENVIRONMENTAL COMPLIANCE MANAGEMENT CORPORATION P.O. BOX 86 CHITTENANGC, NEW YORK 13037 PHONE: (315) 687-9435

Robert Kennedy

has attended and successfully completed a course for:

OPERATIONS AND EMERGENCY RESPONSE OSHA 8 HR HAZARDOUS WASTE REFRESHER Course Location:

Length of Course

8 HOURS

172612-03

Student I.D. #:

Social Security #

Exam Grade:

Exam Date

CHITTENANGO, NEW YORK

Date of Course Completion:

December 26,2017

Expiration Date

Executive Director

Form 1 – LCS Field Logs

"LEACHATE COLLECTION SUMP FIELD LOG"

FORM 1

OPERATION and MAINTENANCE MANUAL CONTAINMENT STRUCTURE CONKLIN LIMITED SYRACUSE, NEW YORK

DATE/0/25/17	INSPECTOR(S)	R KR	NNEDY	
TIME 0700	WEATHER	SUNNY	505	

LCS NO	RIM ELEVATION	DEPTH TO WATER (FT.)	WATER ELEVATION	AIR (1) QUALITY READING (INCLUDE	METER UNITS)	SAMPLE TAKEN (YES)(NO)	COMMENTS
				LES HE	5 07		
LCS 1	17,25	12.90	4,35	0 0	20,5	YES	
LCS 2	19.92	15,45	3.97	0 0	20.5	465	
LCS 3	17.79	12.975	4.815	0 0	.20.5	465	
LCS 4	19.4	13.675	5.725	00	20.5	MES	
LCS 5	19.64	14.825	5.39	0 0	20.5	YES	
			4.815				

COMMENTS:

(1) INSTRUMENT USED: HANNA 991301

MULTI (ZEAD)

ample l	Location LCS	•	Well No.	/
ample E	By RENNA	\mathcal{D}_{1}^{\prime} Date \mathcal{D}_{1}^{\prime}	6/25/17	Time <u>0 70 0</u>
eather	SUNNY S'O	Sample	with Bailer	Pump
A.	WATER TABLE: Well depth: (below top of casting Depth to water table (below top of casting Length of water colu	(g)	l elevation: ft. (top of cas table elevation: t. ft.	ting) <u>/ 7. 2 \$</u>
В	4" diameter wel	lls = 0.163 x (LWC) ls = 0.653 x (LWC) ls = 1.469 x (LWC)		galions x3 galions galions
В.	Color 1642 Was an oil film or lay	Odor NON	Turbidity	LOW
C.	PREPARATION OF V Amount of water ren Did well go dry?		~	gallons
D.	PHYSICAL APPEARA Color (LAAC) Was an oil film or lay	_ Odor /VONE	MPLING: Turbidity	20W
	CONDUCTIVITY _	1,22		
	PH	- 13 C		
	TEMPERATURE WELL SAMPLING NO	/ % ; > DTES:	_	
_				

ample L	ocation <u>LCS</u>		Well No.	
ımple E	By RKENNEDY	Date	25/17	Time 2700
eather	SUNNY 505	Sample wit	h Bailer	Pump
A.	WATER TABLE:			
	Well depth:	Well ele	vation:	200
	(below top of casting)	/8.65 ft.	(top of cast	ting) <u>/ 1/2 / 2</u>
	Depth to water table:		e elevation:	3.97
	(below top of casting)	15.95 ft.		
	Length of water column	(LWC)	ft.	
	Volume of water in well:			
	2" diameter wells =	0.163 x (LWC) =		gallons x3
	4" diameter wells =	$0.653 \times (LWC) =$		gallons
	6" diameter wells =	· · · · · · · · · · · · · · · · · · ·		gallons
B.	PHYSICAL APPEARANC			
	Color (LEAR		Turbidity	Low
	Was an oil film or layer a		NO	
C.	PREPARATION OF WEL		Market	
	Amount of water remove	ed before sampling		gallons
	Did well go dry?	10	_	
D.	PHYSICAL APPEARANC		ING:	1061
	Color CIGAR O		Turbidity _	
	Was an oil film or layer a	· ·	No	
	CONDUCTIVITY/	0		
	PH_6.42	~ C		
	TEMPERATURE/			
н.	WELL SAMPLING NOTES	S:		
_				
_				
-				

mple Location <u>LCS</u>	Well N	vo. <u>#3</u>
mple By CKE	Date 10/25/1	7 Time 07:00
eather SUNNY 505	Sample with Bailer	Pump 🗸
A. WATER TABLE:		
Well depth:	Well elevation:	
(below top of casting)	$\frac{14.9}{1}$ ft. (top of	casting) 17.77
Depth to water table:	Water table elevati	on: 4.8
(below top of casting)	12.475 ft.	•
Length of water column (LWC) ft.	
Volume of water in well:		
2" diameter wells =	. ,	gallons x3
4" diameter wells = 0		gallons
6" diameter wells = 1		gallons
B. PHYSICAL APPEARANCE		1
	Odor NINE Turbid	lity Low
Was an oil film or layer a		
C. PREPARATION OF WELL		
Amount of water removed	–	<u>gallons</u>
Did well go dry?		
D. PHYSICAL APPEARANCE		1 -0.1
Color CLAR O		lity Low
Was an oil film or layer ap	oparent?	/ 0
E. CONDUCTIVITY	. 4	
F. PH 7,08	770	
G. TEMPERATURE /	1.1	
H. WELL SAMPLING NOTES		
:		

mple l	Location LC5		Well No.	4
mple i	By (Z KANNEDY	Date /6/3	25//7 Time	0700
eather	SUNNY 508	Sample with	Bailer	Pump
A.	WATER TABLE:			
	Well depth:	Well elev	/ation:	
	(below top of casting)	17.40 ft.	(top of casting)	18.4
	Depth to water table:	Water table	elevation:	5,70
	(below top of casting)	13,675 ft.		
	Length of water column (LWC)	ft.	
	Volume of water in well:			
	2" diameter wells =	• •		gallons x3
	4" diameter wells = 0	` '		gallons
	6" diameter wells = 1	, , , , , , , , , , , , , , , , , , ,		gallons
B.	PHYSICAL APPEARANCE		í	
	Color (GAR C			
	Was an oil film or layer ap		NO	
C.	PREPARATION OF WELL		0.6	
	Amount of water removed	d before sampling	26	gallons
	Did well go dry?)		
D.	PHYSICAL APPEARANCE	and the same of th	NG:	41./
		dor SLIGHT	Turbidity	
_	Was an oil film or layer a	pparent?	No	
	CONDUCTIVITY	. 15		
	PH 7,45	100 1 0		
		8.1 C		
Н.	WELL SAMPLING NOTES			
-				

ation <u>LC</u>	.5	Well N	o	5
RKENN	KD7 Date	10/25/17	Time	07:00
CUNN'S	Sam	ple with Bailer_	n	ump
pth to water tal	ting) <u>/ 6, 7</u> oble: Wat	ft. (top of e	•	19,64
ngth of water c	olumn (LWC)	<u>ft.</u>		4.815
2" diameter v 4" diameter v	wells = 0.163 x (LW vells = 0.653 x (LW	C) =	g	allons x3 allons
YSICAL APPEA Ior <u>CLEAR</u>	ARANCE AT START	Γ: V& Tụrbidi	, ,	
EPARATION OI nount of water r	F WELL FOR SAMI	PLING:	20	gallons
~ ,		AMPLING: Turbidi	ty Low	
NDUCTIVITY	layer apparent?	<u> </u>		
MPERATURE	18.2°	•		
	ATER TABLE: ATER TABLE: ATER TABLE: ATER TABLE: All depth: All dep	ATER TABLE: ATER TABLE: ATER TABLE: ATER TABLE: A TER	Sample with Bailer ATER TABLE: Sample with Bailer Note 10/25/17 Sample with Bailer Property of Sample with Bailer Propert	

Laboratory Analytical Reports

G-1 LCS Analytical Reports

G-2 LDS Analytical Reports

G-3 MW Analytical Reports

REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: LCS Wells DATE: 11/16/2017

SAMPLE NUMBER- 750248 SAMPLE ID- Well #1
DATE SAMPLED- 10/25/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

SAMPLE MATRIX- WW TIME SAMPLED- 0700 RECEIVED BY- SB TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT UNITS
Sample Receipt Temperature EPA 624 Volatiles Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Methylene Chloride trans-1,2-Dichloroethene 1,1-Dichloroethane 2-Butanone (MEK) Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride 1,2-Dichloroethane Benzene	EPA 624 EPA 624	DATE 10/25/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17	SB RRB RRB RRB RRB RRB RRB RRB RRB RRB R	3.2 Degrees C L-< 5.0 ug/L < 5.0 ug/L
Trichloroethene 1,2-Dichloropropane Bromodichloromethane	EPA 624 EPA 624 EPA 624	11/02/17 11/02/17 11/02/17	RRB RRB RRB	< 5.0 ug/L < 5.0 ug/L < 5.0 ug/L

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750248

ANALYSIS	METHOD	ANALYSIS DATE TIM	E BY	RESULT UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethane Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene	EPA 624	11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR ug/L NR ug/L NR ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L < 5.0 ug/L
1,2-Dichlorobenzene	EPA 624	11/02/17	RRB	< 5.0 ug/L

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 79 % REC Toluene-d8 (75-125) - 84 % REC 4-Bromofluorobenzene (75-125) - 92 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY:

Terms and Conditions on Reverse Side)

Rachel R. Bonczyk
Technical Director

^{***} IEK analyzed by Method EPA 8260C. Disregard method number listed above.



REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: LCS Wells

DATE: 11/16/2017

SAMPLE NUMBER- 750249 SAMPLE ID- Well #2
DATE SAMPLED- 10/25/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

SAMPLE MATRIX- WW TIME SAMPLED- 0700 RECEIVED BY- SB TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS MET	THOD	ANALYSIS DATE	TIME	ву	RESULT	UNITS
Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Chlorofluoromethane Chlorofluoromethane Trichlorofluoromethane 1,1-Dichloroethene EPA Methylene Chloride EPA trans-1,2-Dichloroethene 1,1-Dichloroethane 2-Butanone (MEK) Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride 1,2-Dichloroethane EPA 1,2-Dichloroethane EPA Trichloroethene EPA Trichloroethene EPA Trichloroethene EPA Trichloroethene EPA 1,2-Dichloropropane	A A A A A A A A A A A A A A A A A A A	10/25/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17		SB RRB RRB RRB RRB RRB RRB RRB RRB RRB R	L-< 5.0 L-< 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750249

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethene Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene	EPA 624 EPA 624	11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17		RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L
1,2-Dichlorobenzene	EPA 624	11/02/17		RRB	< 5.0	

"*MEK analyzed by Method EPA 8260C. Disregard method number listed above.

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 104 % REC Toluene-d8 (75-125) - 86 % REC 4-Bromofluorobenzene (75-125) - 97 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY:_

Terms and Conditions on Reverse Side)

Rachel R. Bonczyk Technical Director



REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: LCS Wells DATE: 11/16/2017

SAMPLE NUMBER- 750250 SAMPLE ID- Well #3
DATE SAMPLED- 10/25/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

SAMPLE MATRIX- WW TIME SAMPLED- 0700 RECEIVED BY- SB TYPE SAMPLE- Grab

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT	UNITS
Sample Receipt Temperature EPA 624 Volatiles Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Methylene Chloride trans-1,2-Dichloroethene 1,1-Dichloroethane 2-Butanone (MEK) Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride 1,2-Dichloroethane Benzene Trichloroethene 1,2-Dichloropropane Bromodichloromethane	EPA 624 EPA 624	10/25/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17	SB RRB RRB RRB RRB RRB RRB RRB RRB RRB R	L-< 5.0 L-< 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750250

ANALYSIS	METHOD	ANALYSIS DATE T	IME BY	RESULT	UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethene Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene	EPA 624	11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR L-< 5.0	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L

**** IEK analyzed by Method EPA 8260C. Disregard method number listed above.

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 93 % REC Toluene-d8 (75-125) - 89 % REC 4-Bromofluorobenzene (75-125) - 102 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Rachel R. Bonczyk Technical Director

REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: LCS Wells DATE: 11/16/2017

SAMPLE NUMBER- 750251 SAMPLE ID- Well #4
DATE SAMPLED- 10/25/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

SAMPLE MATRIX- WW

TIME SAMPLED- 0700 RECEIVED BY- SB TYPE SAMPLE- Grab

EPA 624 Volatiles EPA 624 11/02/17 RRB Dichlorodifluoromethane EPA 624 11/02/17 RRB L-< 5.0 ug/L Chloromethane EPA 624 11/02/17 RRB L-< 5.0 ug/L Vinyl Chloride EPA 624 11/02/17 RRB -< 5.0 ug/L	ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT UNITS
Chloroethane	EPA 624 Volatiles Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Methylene Chloride trans-1,2-Dichloroethene 1,1-Dichloroethane 2-Butanone (MEK) Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride 1,2-Dichloroethane Benzene Trichloroethene 1,2-Dichloropropane	EPA 624 EPA 624	11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	L-< 5.0 ug/L < 5.0 ug/L

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750251

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT	UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethene Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene	EPA 624	11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR L-< 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0 < 5.0	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L
1,2-Dichlorobenzene	EPA 624	11/02/17	RRB	< 5.0	ug/ь

1EK analyzed by Method EPA 8260C. Disregard method number listed above.

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 94 % REC Toluene-d8 (75-125) - 88 % REC 4-Bromofluorobenzene (75-125) - 104 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY:

Ferms and Conditions of Reverse Side

REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: LCS Wells

DATE: 11/16/2017

SAMPLE NUMBER- 750252 SAMPLE ID- Well #5
DATE SAMPLED- 10/25/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

SAMPLE MATRIX- WW TIME SAMPLED- 0700 RECEIVED BY- SB

TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT UNITS
ANALYSIS Sample Receipt Temperature EPA 624 Volatiles Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Methylene Chloride trans-1,2-Dichloroethene 1,1-Dichloroethane 2-Butanone (MEK) Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride 1,2-Dichloroethane Benzene Trichloroethene	METHOD EPA 624	DATE 10/25/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17	TIME BY SB RRB RRB RRB RRB RRB RRB RRB RRB RRB	3.2 Degrees C L-< 5.0 ug/L L-< 5.0 ug/L < 5.0 ug/L
1,2-Dichloropropane Bromodichloromethane	EPA 624 EPA 624	11/02/17 11/02/17	RRB RRB	< 5.0 ug/L < 5.0 ug/L



Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750252

ANALYSIS	METHOD	ANALYSIS DATE TIME	ВУ	RESULT UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethene Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene	EPA 624 EPA 624	11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17 11/02/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR ug/L NR ug/L NR ug/L L-< 5.0 ug/L -< 5.0 ug/L
1,4-Dichlorobenzene 1,2-Dichlorobenzene	EPA 624 EPA 624	11/02/17 11/02/17	RRB RRB	< 5.0 ug/L < 5.0 ug/L

*** (EK analyzed by Method EPA 8260C. Disregard method number listed above.

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 90 % REC Toluene-d8 (75-125) - 83 % REC 4-Bromofluorobenzene (75-125) - 104 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY:

Terms and Conditions on Reverse Side

			CHA	_	CUSTODY R			OR TERMS &	_	_									
CIES	En	rtified vironm rvices,		North S Phone 3	aswell St. (Hanc yracuse, New Y 315-478-2374 i-478-2107	ork 13212		IO: 674 Standard TATT Ime: next day busine Standard 2 Working Days	s end d ess. Ru]5 W	of day, ush TA 'orkir	10 wor T subje	ays	ys aller boratory	O lab red appro 3 W	ceipt. oval ar	Sampl nd surc ing D	les recharge	ceived :	alter 2 pm are considered
CLIENT NAME: ADDRESS: CONTACT NAME:	ZAM:	<u> </u>			CLIENT PHONE: PROJECT #/NAM	E/PO #:	VEUS		óf Containers	1607	1								Remarks
CES LOG NUMBERS	Coll	ected Time	Matrix	Grab or Comp.			MPLE LOCATION	ON	Number	100)-	2	3 4	4 5	6	7	8	9	10	
7/6/13	10/25/17	0700		GRAB	WAL	U #I	7507	248	2	/						П			
114	10/25/17	0700		GRAB	1266	L #2	7507		2	/									
/115	14/24/17			GRAB	0	U #3			2	1									
116	10/25/	0700		62AB	/	L #4			Z	1									
1 117	10/29/	0700		GRAB	WE	111	-		7	1									
								<u></u>											
RS10-2517																			
				1							П								
	4				Sample	e bottle:	Preservative	Preservative Code	s: A=	Unpre	eserve	ed B=F	12SO4	C=H	CI D)=NaC	ЭН	E≓Asc	orbic Acid F=HNO ₃
Parameter and Method	d:				Туре	Size	Code:	G=Na ₂ S ₂ O ₃ H=_	_				. l=					-	212107/010 1 1111/03
1								Samples Colle				1				Ren	nari	ks:	
2								Name (Print):	301	BA	51	14	NR	rED	1				
3								Signature:	10	12		1	/	9	2	-			
4								Company:			1			-					
5								RELINQU	JISHE	ED B	Y:		Date	Ti	me			REC	EIVED BY:
6								Name: POPG	N	KE	NNO	EDY,	n/			Nar	ne.	7	son Rubs,
7								Signature 2	54	1	20	3	125/	10	1/5	1		ire;	1 //
8								Name: Jas	ion	1	-		-						vanyon Bar
9								Signature:	ann	to	1/2	-	25/0	, 11:	70	Sign		- (2 Ban
10								Samples Receive				dition	///		_		_	-	ature: 3.2 °C
10								Yes		No					Re	ceibi	, re	inpera	iture: > O



Sample Receiving Checklist

Client Name: Recomid			
Batch Number: 62439	Yes	No	If No Explain:
1. Proper Full and Complete Documentation:			
2. Appropriate Sample Containers:			
3. Adequate Sample Volume:	d		
4. Hold Time(OK):			(
5. Proper Sample Labeling:			
6. Sample Temperature:	Ø		
7. Preservation OK: (If preservation required note Lot # associated with pr	escrvative if a	available.)	
H ₂ SO ₄ <u>WC</u> HNO ₃ <u>MP</u> NaOH	WCSP	A	scorbic Acid WC
HCl WCSP Gay Na2S2O3 WC	Other _		Not Available
Additional Comments/Client Correspondence			
DOCUMENT ID: SRCL 100914 Approved by	y: AG	Date	e Put In Place: 10/9/14

REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: Leak Detects

DATE: 11/14/2017

SAMPLE NUMBER- 750253 SAMPLE ID- Well #2
DATE SAMPLED- 10/24/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

SAMPLE MATRIX- WW TIME SAMPLED- 0800 RECEIVED BY- SB TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE T	IME BY	RESULT UNITS
Sample Receipt Temperature EPA 624 Volatiles Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Methylene Chloride trans-1,2-Dichloroethene 1,1-Dichloroethane 2-Butanone (MEK) Chloroform 1,1,1-Trichloroethane	EPA 624 EPA 624	DATE T 10/25/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17	SB RRB RRB RRB RRB RRB RRB RRB RRB RRB R	3.2 Degrees C L-< 5.0 ug/L L-< 5.0 ug/L L-< 5.0 ug/L < 5.0 ug/L
Carbon Tetrachloride 1,2-Dichloroethane Renzene	EPA 624	10/31/17	RRB	< 5.0 ug/L
	EPA 624	10/31/17	RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	10/31/17	RRB	< 5.0 ug/L
Benzene	EPA 624	10/31/17	RRB	< 5.0 ug/L
Trichloroethene	EPA 624	10/31/17	RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	10/31/17	RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	10/31/17	RRB	< 5.0 ug/L

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750253

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethene Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene	EPA 624 EPA 624	10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17		RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR	ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY: (Terms and Conditions on Reverse Side)

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) -98 % REC Toluene-d8 (75-125) 92 % REC

4-Bromofluorobenzene (75-125) - 105 % REC

^{**}MEK analyzed by Method EPA 8260C. Disregard method number listed above.

REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: Leak Detects

DATE: 11/14/2017

SAMPLE NUMBER- 750254 SAMPLE ID- Well #4
DATE SAMPLED- 10/24/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

SAMPLE MATRIX- WW

TIME SAMPLED- 0800 RECEIVED BY- SB TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT	UNITS
Sample Receipt Temperat EPA 624 Volatiles	ure EPA 624	10/25/17 11/01/17	SB RRB		Degrees C
Dichlorodifluoromethane	EPA 624	11/01/17	RRB	< 5.0	ug/L
Chloromethane Vinyl Chloride	EPA 624 EPA 624	11/01/17 11/01/17	RRB	LS-< 5.0 < 5.0	ug/L ug/L
Bromomethane Chloroethane	EPA 624 EPA 624	11/01/17 11/01/17	RRB RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	11/01/17	RRB	< 5.0	ug/L
1,1-Dichloroethene Methylene Chloride	EPA 624 EPA 624	11/01/17 11/01/17	RRB RRB		ug/L
trans-1,2-Dichloroethen 1,1-Dichloroethane	e EPA 624	11/01/17	RRB	< 5.0	ug/L
2-Butanone (MEK)	EPA 624 EPA 624	11/01/17 11/01/17	RRB RRB	**< 5.0	ug/L ug/L
Chloroform 1,1,1-Trichloroethane	EPA 624 EPA 624	11/01/17 11/01/17	RRB RRB		ug/L
Carbon Tetrachloride	EPA 624	11/01/17	RRB	< 5.0	ug/L
1,2-Dichloroethane Benzene	EPA 624 EPA 624	11/01/17 11/01/17	RRB RRB		ug/L ug/L
Trichloroethene 1,2-Dichloropropane	EPA 624 EPA 624	11/01/17 11/01/17	RRB RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	11/01/17	RRB	< 5.0	ug/L

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750254

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT	UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Coluene crans-1,3-Dichloropropene c,1,2-Trichloroethane Cetrachloroethene Dibromochloromethane Chlorobenzene Cthylbenzene a & p-Xylene b-Xylene Bromoform c,1,2,2-Tetrachloroethane c,3-Dichlorobenzene c,4-Dichlorobenzene	EPA 624	11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB		ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/L

*** IEK analyzed by Method EPA 8260C. Disregard method number listed above.

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 87 % REC Toluene-d8 (75-125) - 96 % REC 4-Bromofluorobenzene (75-125) - 110 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY:

Terms and Conditions on Reverse Side

REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: Leak Detects

DATE: 11/14/2017

SAMPLE NUMBER- 750255 SAMPLE ID- Well #5
DATE SAMPLED- 10/24/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

SAMPLE MATRIX- WW TIME SAMPLED- 0800 RECEIVED BY- SB TYPE SAMPLE- Grab

	3.2 Degrees	
EPA 624 Volatiles EPA 624 11/01/17 RRB Dichlorodifluoromethane EPA 624 11/01/17 RRB Chloromethane EPA 624 11/01/17 RRB Vinyl Chloride EPA 624 11/01/17 RRB Bromomethane EPA 624 11/01/17 RRB Chloroethane EPA 624 11/01/17 RRB Trichlorofluoromethane EPA 624 11/01/17 RRB 1,1-Dichloroethene EPA 624 11/01/17 RRB Methylene Chloride EPA 624 11/01/17 RRB trans-1,2-Dichloroethene EPA 624 11/01/17 RRB 1,1-Dichloroethane EPA 624 11/01/17 RRB 2-Butanone (MEK) EPA 624 11/01/17 RRB Chloroform EPA 624 11/01/17 RRB 1,1,1-Trichloroethane EPA 624 11/01/17 RRB Carbon Tetrachloride EPA 624 11/01/17 RRB 1,2-Dichloroethane EPA 624 11/01/17 RRB EPA 624 11/01/17 RRB 5 1,2-Dichloroethane EPA 624 11/01/17 RRB EPA 624 11/01/17 RRB 5 EPA 624 11/01/17 RRB 5	5.0 ug/L 5.0 ug/L	С
Trichloroethene	5.0 ug/L 5.0 ug/L 5.0 ug/L	

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750255

ANALYSIS	METHOD	ANALYSIS DATE TI	IME BY	RESULT UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethene Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene	EPA 624 EPA 624	11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17 11/01/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR ug/L NR ug/L S.0 ug/L

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) -94 % REC Toluene-d8 (75-125) - 93 % REC 4-Bromofluorobenzene (75-125) - 109 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY: (Terms and

^{*}MEK analyzed by Method EPA 8260C. Disregard method number listed above.

Preservative Codes: A= Unpreserved B=H₂SO₄ C=HCl D=NaOH E=Ascorbic Acid F=HNO₃ G=Na₂S₂O₃ H= Remarks RECEIVED BY: 11:56 Name: 3Kannon Receipt Temperature: 2 Name: Jason Signature: Signature: 9 Remarks: တ 00 10:15 Time ဖ Date S Standard 5 Working Days 2 Working Days 4 Samples Received in Good Condition: IN OF CUSTODY RECORD (SE ACK FOR TERMS & CONDITIONS)
7280 Caswell St. (Hancock Air Park) | C. . BATCH NO: | C. . . | PAGE Name: R KENNED N RELINQUISHED BY: Name: Jaso Ruhs 109 Samples Collected By: 209 N Number of Containers Name (Print): R□ Yes Signature; Signature Signature: Company: 750254 750255 756257 LOAK DETECTS CLIENT ID/SAMPLE LOCATION Preservative Code: CLIENT PHONE: 466-6000 FAX: CHAIN OF CUSTODY RECORD (SE North Syracuse, New York 13212 Size Sample bottle: PROJECT #/NAME/PG #: Phone 315-478-2374 ype Fax 315-478-2107 Grab or Comp. Garas CESTS GRAB Matrix Environmental Services, Inc. 10/24/17 0800 Time Ceriffed 1024/17 0800 0080 11/150 Collected Date Parameter and Method: CES LOG NUMBERS INTERNAL USE/DO NOT WRITE) J-510-15-17 CONTACT NAME: CLIENT NAME: ADDRESS: 10 2 ന S 4 ဖ ω 6



DOCUMENT ID: SRCL 100914

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

Sample Receiving Checklist

Client Name: Remid			
Batch Number: 62446	Yes	No	If No Explain:
1. Proper Full and Complete Documentation:			
2. Appropriate Sample Containers:	Ŏ.		
3. Adequate Sample Volume:			
4. Hold Time(OK):			4
5. Proper Sample Labeling:	Ø		,
6. Sample Temperature:	Ø		
7. Preservation OK: (If preservation required note Lot # associated with pre	scrvative if a	 vailable.)	
H ₂ SO ₄ <u>WC</u> HNO ₃ <u>MP</u> NaOH	WCSP	A	scorbic Acid WC
HCI WCSP Gay Na2S2O3 WC	_ Other _		Not Available
Additional Comments/Client Correspondence			

Approved by: AG

₩. a.

Date Put In Place: 10/9/14



Sample Receiving Checklist

Client Name: Recomid			
Batch Number: 62439	Yes	No	If No Explain:
1. Proper Full and Complete Documentation:			
2. Appropriate Sample Containers:			
3. Adequate Sample Volume:	d		
4. Hold Time(OK):			(
5. Proper Sample Labeling:			
6. Sample Temperature:	Ø		
7. Preservation OK: (If preservation required note Lot # associated with pr	escrvative if a	available.)	
H ₂ SO ₄ <u>WC</u> HNO ₃ <u>MP</u> NaOH	WCSP	A	scorbic Acid WC
HCl WCSP Gay Na2S2O3 WC	Other _		Not Available
Additional Comments/Client Correspondence			
DOCUMENT ID: SRCL 100914 Approved by	y: AG	Date	e Put In Place: 10/9/14



REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-

PROJECT NAME: Leachate Monitor Wells

DATE: 11/14/2017

Attn: Mr. Robert Schoeneck

SAMPLE NUMBER- 750256 SAMPLE ID- Well #1

SAMPLE MATRIX- WW

DATE SAMPLED- 10/23/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

RECEIVED BY- SB TYPE SAMPLE- Grab

Sample Receipt Temperature 10/25/17 SB 3.2 Deg EPA 624 Volatiles EPA 624 10/27/17 RRB Dichlorodifluoromethane EPA 624 10/27/17 RRB L-< 5.0 ug/	
1,2-Dichloroethane EPA 624 10/27/17 RRB < 5.0 ug/	ւ Ե Ե

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750256

ANALYSIS	METHOD	ANALYSIS DATE TI	IME BY	RESULT UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethene Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene	EPA 624 EPA 624	10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17 10/27/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR ug/L NR ug/L < 5.0 ug/L

MEK analyzed by Method EPA 8260C. Disregard method number listed above.

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 94 % REC Toluene-d8 (75-125) - 92 % REC 4-Bromofluorobenzene (75-125) - 106 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY:

Cerms and Conditions on Reverse Side



REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: Leachate Monitor Wells

DATE: 11/14/2017

SAMPLE NUMBER- 750257 SAMPLE ID- Well #2
DATE SAMPLED- 10/23/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

SAMPLE MATRIX- WW

RECEIVED BY- SB TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT	UNITS
ANALYSIS Sample Receipt Temperature EPA 624 Volatiles Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Methylene Chloride trans-1,2-Dichloroethene 1,1-Dichloroethane 2-Butanone (MEK) Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride 1,2-Dichloroethane	METHOD EPA 624		SB RRB RRB RRB RRB RRB	3.2 L-< 5.0 LS-< 5.0 < 5.0	Degrees C ug/L ug/L ug/L ug/L ug/L ug/L ug/L ug/
Benzene Trichloroethene 1,2-Dichloropropane Bromodichloromethane	EPA 624 EPA 624 EPA 624 EPA 624	10/31/17 10/31/17 10/31/17 10/31/17	RRB RRB RRB RRB	< 5.0 < 5.0 < 5.0	ug/L ug/L ug/L

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750257

ANALYSIS	METHOD	ANALYSIS DATE TIM	ME BY	RESULT UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethene Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene	EPA 624 EPA 624	10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR ug/L NR ug/L VR ug/L VR ug/L VR 5.0 ug/L
1,2-Dichlorobenzene	EPA 624	10/31/17	RRB	< 5.0 ug/L

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 95 % REC Toluene-d8 (75-125) - 102 % REC 4-Bromofluorobenzene (75-125) - 117 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY:

Terms and Conditions on Reverse Sid

^{**}MEK analyzed by Method EPA 8260C. Disregard method number listed above.



REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: Leachate Monitor Wells

DATE: 11/14/2017

SAMPLE MATRIX- WW

SAMPLE NUMBER- 750258 SAMPLE ID- Well #3
DATE SAMPLED- 10/23/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

RECEIVED BY- SB TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature EPA 624 Volatiles	EPA 624	10/25/17 10/31/17		SB RRB	3.2	Degrees C
Dichlorodifluoromethane Chloromethane	EPA 624 EPA 624	10/31/17		RRB	L-< 5.0	
Vinyl Chloride	EPA 624	10/31/17		RRB RRB	L-< 5.0 L-< 5.0	ug/L
Bromomethane Chloroethane	EPA 624 EPA 624	10/31/17 10/31/17		RRB RRB		ug/L ug/L
Trichlorofluoromethane 1,1-Dichloroethene	EPA 624 EPA 624	10/31/17 10/31/17		RRB RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	10/31/17		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene 1,1-Dichloroethane	EPA 624 EPA 624	10/31/17 10/31/17		RRB RRB	< 5.0 < 5.0	
2-Butanone (MEK) Chloroform	EPA 624 EPA 624	10/31/17 10/31/17		RRB RRB	**< 5.0 < 5.0	ug/L
1,1,1-Trichloroethane Carbon Tetrachloride	EPA 624 EPA 624	10/31/17 10/31/17		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	10/31/17		RRB RRB	< 5.0 < 5.0	ug/L
Trichloroethene	EPA 624 EPA 624	10/31/17 10/31/17			< 5.0 < 5.0	ug/L ug/L
1,2-Dichloropropane Bromodichloromethane	EPA 624 EPA 624	10/31/17		RRB	< 5.0	ug/L
Benzene	EPA 624 EPA 624	10/31/17 10/31/17		RRB RRB RRB	< 5.0 < 5.0 < 5.0	ug/L ug/L ug/L ug/L

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750258

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT U	NITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethene Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene	EPA 624 EPA 624	10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17		RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR us NR us NR us S.0 us	

**MEK analyzed by Method EPA 8260C. Disregard method number listed above.

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 94 % REC Toluene-d8 (75-125) - 96 % REC 4-Bromofluorobenzene (75-125) - 110 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY: (Terms and

REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: Leachate Monitor Wells

DATE: 11/14/2017

SAMPLE NUMBER- 750259 SAMPLE ID- Well #4

DATE SAMPLED- 10/23/17

DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy (Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

SAMPLE MATRIX- WW

RECEIVED BY- SB TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT UNITS
Sample Receipt Temperature EPA 624 Volatiles Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Methylene Chloride trans-1,2-Dichloroethene 1,1-Dichloroethane 2-Butanone (MEK) Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride 1,2-Dichloroethane Benzene Trichloroethene 1,2-Dichloropropane	EPA 624 EPA 624	10/25/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17	SB RRB RRB RRB RRB RRB RRB RRB RRB RRB R	< 5.0 ug/L < 5.0 ug/L
Bromodichloromethane	EPA 624	10/31/17	RRB RRB	< 5.0 ug/L < 5.0 ug/L

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750259

ANALYSIS	METHOD	ANALYSIS DATE	TIME BY	RESULT UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethene Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene 1,2-Dichlorobenzene	EPA 624	10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR ug/L NR ug/L < 5.0 ug/L

1EK analyzed by Method EPA 8260C. Disregard method number listed above.

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 92 % REC Toluene-d8 (75-125) - 94 % REC 4-Bromofluorobenzene (75-125) - 96 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY: (Terms

Terms and Conditions of Reverse Sid

REPORT OF ANALYSES

Pyramid Company of Onondaga 9090 Carousel Center Syracuse, NY 13290-Attn: Mr. Robert Schoeneck

PROJECT NAME: Leachate Monitor Wells

DATE: 11/14/2017

SAMPLE MATRIX- WW

SAMPLE NUMBER- 750260 SAMPLE ID- Well #5
DATE SAMPLED- 10/23/17
DATE RECEIVED- 10/25/17 SAMPLER- Robert Kennedy(Destiny)
TIME RECEIVED- 1156 DELIVERED BY- Jason Ruhs

RECEIVED BY- SB

TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT U	NITS	
Sample Receipt Temperature EPA 624 Volatiles Dichlorodifluoromethane Chloromethane Vinyl Chloride Bromomethane Chloroethane Trichlorofluoromethane 1,1-Dichloroethene Methylene Chloride trans-1,2-Dichloroethene 1,1-Dichloroethane 2-Butanone (MEK) Chloroform 1,1,1-Trichloroethane Carbon Tetrachloride 1,2-Dichloroethane Benzene Trichloroethene 1,2-Dichloroethene 1,2-Dichloroethene 1,2-Dichloropropane Bromodichloromethane	EPA 624 EPA 624	10/25/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17		SB RRB RRB RRB RRB RRB RRB RRB RRB RRB R	L-< 5.0 ug L-< 5.0 ug L-< 5.0 ug < 5.0 ug < 5.0 ug < 5.0 ug	gggggggggggggggggggggggggggggggggggggg	C

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 750260

ANALYSIS	METHOD	ANALYSIS DATE TI	ME BY	RESULT UNITS
2-Chloroethylvinyl Ether 4-Methyl-2-Pentanone (MIBK) cis-1,3-Dichloropropene Toluene trans-1,3-Dichloropropene 1,1,2-Trichloroethane Tetrachloroethane Dibromochloromethane Chlorobenzene Ethylbenzene m & p-Xylene o-Xylene Bromoform 1,1,2,2-Tetrachloroethane 1,3-Dichlorobenzene 1,4-Dichlorobenzene	EPA 624 EPA 624	10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17 10/31/17	RRB RRB RRB RRB RRB RRB RRB RRB RRB RRB	NR ug/L NR ug/L VR ug/L VR ug/L VR 5.0 ug/L
1,2-Dichlorobenzene	EPA 624	10/31/17	RRB	< 5.0 ug/L

*** IEK analyzed by Method EPA 8260C. Disregard method number listed above.

Surrogate Recovery:

1,2-Dichloroethane-d4 (70-130) - 100 % REC Toluene-d8 (75-125) - 93 % REC 4-Bromofluorobenzene (75-125) - 106 % REC

NYSDOH LAB ID NO. 11246

APPROVED BY: K

Terms and Conditions of Reverse Sid

CES	Certified Environm Services,		North Sy Phone 3	swell St. (Hanc vracuse, New Y 15-478-2374 -478-2107	ock Air Park, ork 13212	CF 4TCH Turn-Around	NO: Standard TAT Time Standard day bush Standard Standard 2 Working Day	_ 5 W	orkin	g Day	s L	or lab re ory appr	F ocelpt. roval a Vorki	Sample and sure ing D	es receive harges. ays	d allt 🧳 are considere
CLIENT NAME: ADDRESS: CONTACT NAME:	C4 MID			CLIENT PHONE: PROJECT #/NAMI	E/PO #:	OOC FAX:		Number of Containers	1602							Remarks
CES LOG NUMBERS (INTERNAL USE/DO NOT WRITE)	Collected Date Time	Matrix	Grab or Comp.			AMPLE LOCAT	ION	Number 1	1 (00)	2 3	4 5	6	7	8	9 10	
70%	10/23/17		GRAB GRAB	WELL		750		2	/							
710	10/2417 11/23/17		GRAB GRAB	MECC	- + (A	0259	2	/							
318																
Au										1						
Parameter and Method				Sample Type	bottle: Size	Preservative Code:	Preservative Code G=Na ₂ S ₂ O ₃ H= Samples Colle			erved E	B=H₂SO₄ =	C=HC		=NaOH		corbic Acid F≈HNO ₃
2 3 4							Name (Print): (Signature: Company:					24	7			
5 6 7							RELINQL Name: Co 134 Signature				Date	10:	15			SEIVED BY:
9							Name: Jase Signature: A	ans	ch	Conditi	10/25/	11:3	56	Name Signa	eture.	annon Bar Bour

Form 2 – LDS Field Logs

LEAK DETECT FIELD LOG

FORM 1

OPERATION AND MAINTENANCE MANUAL CONTAINMENT STRUCTURE CONKLIN LIMITED SYRACUSE, NEW YORK

DATE 10/24/17	INSPECTOR(s) (2 K61	UNEDY	
TIME 0800	WEATHER	CLOUDY	(00 5	

L.D. NO	RIM ELEVATION	DEPTH TO WATER (FT)	WATER ELEVATION	AIR(1) QUALITY (INCLUDES UNIT)	METER READING	SAMPLE TAKEN (YES)(NO)	COMMENTS GALLONS PROPERTY
	17.25			-	-	NO	DRY
_ Z	20,09	15,65	4.44	0 0 20.3		465	300
3	17.63			_		NO	DRY
_4	19.37	12.1	7,27	0 6 20.3		465	180
	19,55	10.75	8.61	0 0 20,3		VES	300
			ું 80			*	

OMMENTS:	
(1) INSTRUMENT USED:	

bie i	ocation LEAK DE	TECT	Well	No	
ple I	By R KENNEDY	Date	16/24/17	Time	0800
her	-	_ Samp	le with Bailer		Pump
A.	WATER TABLE:				
	Well depth:	W	ell elevation:		
	(below top of casting)	15.35	ft. (top o	f casting)	17.2
	Depth to water table:	Wate	r table elevat	ion:	
	(below top of casting)		ft.		
	Length of water column (LWC)	ft.		
	Volume of water in well:			-	
	2" diameter wells =	0.163 x (LW	C) =		gallons x3
	4" diameter wells = (D.653 x (LWC	;) =		gallons
	6" diameter wells = 1	1.469 x (LWC	s) =		gallons
B.	PHYSICAL APPEARANCE	E AT START			-
	Color	Odor	Turbi	dity	
	Was an oil film or layer a				
C.	PREPARATION OF WELL	FOR SAMP	LING:		
	Amount of water removed				gallons
	Did well go dry?				
D.	PHYSICAL APPEARANCE				
	Color O	dor	Turbi	dity	
	Was an oil film or layer a				
	CONDUCTIVITY				
	PH				
	TEMPERATURE				
G.	WELL SAMPLING NOTES				

nple Location 6AK DETECT	_ Well No.
mple By R KENNED T Date 10/2	24/17 Time 0800
ather <u>CLOUDY</u> (20 ⁵ Sample wit	th Bailer Pump
A. WATER TABLE:	
in the same	evation:
(below top of casting) 19.86 ft.	(top of casting)
	le elevation:
(below top of casting) 15,65 ft.	
Length of water column (LWC)	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) =	gallons
B. PHYSICAL APPEARANCE AT START:	• * /
Color CLEAR Odor SCICH)	Turbidity <i>LoW</i>
Was an oil film or layer apparent?	
C. PREPARATION OF WELL FOR SAMPLING	
Amount of water removed before sampling	g <u>3००</u> gallons
Did well go dry?	
D. PHYSICAL APPEARANCE DURING SAMPL	
Color & LGAR Odor SLIGHT	_ Turbidity Low
Was an oil film or layer apparent?	NO
E. CONDUCTIVITY $\frac{4.7 \delta}{}$	
F. PH 7.62	
G. TEMPERATURE /9, 6	
H. WELL SAMPLING NOTES:	
F	

ple Location LEAK DE	CC Well No Solution Solution
ther	_ Sample with Bailer Pump
A. WATER TABLE:	
Well depth:	Well elevation:
(below top of casting)	15.80 ft. (top of casting) 17.63
Depth to water table:	Water table elevation:
(below top of casting)	ft
Length of water column (L	LWC) ft.
Volume of water in well:	
2" diameter wells = 0	0.163 x (LWC) = gallons x3
4" diameter wells = 0.	.653 x (LWC) =gallons
6" diameter wells = 1.	.469 x (LWC) =gallons
B. PHYSICAL APPEARANCE	AT START:
Color O	dor Turbidity
Was an oil film or layer ap	
C. PREPARATION OF WELL	FOR SAMPLING:
Amount of water removed	before sampling gallons
Did well go dry?	
D. PHYSICAL APPEARANCE	DURING SAMPLING:
ColorOde	or Turbidity
Was an oil film or layer ap	· · · · · · · · · · · · · · · · · · ·
E. CONDUCTIVITY	
F. PH	
G. TEMPERATURE	
	1)00
H. WELL SAMPLING NOTES:	

nple l ather	
A.	WATER TABLE: Well depth: Well elevation:
	(below top of casting) 18.35 ft. (top of casting) 19.35
	Depth to water table: Water table elevation: 7.
	(below top of casting) / ft.
	Length of water column (LWC)ft
	2" diameter wells = 0.163 x (LWC) = gallons x3 4" diameter wells = 0.653 x (LWC) = gallons
	6" diameter wells = 1.469 x (LWC) =gallons
В.	PHYSICAL APPEARANCE AT START:
	Color CLEAR Odor SLIGHT Turbidity LOW
	Was an oil film or layer apparent?
C.	PREPARATION OF WELL FOR SAMPLING:
	Amount of water removed before sampling / O gallons
	Did well go dry?
D.	PHYSICAL APPEARANCE DURING SAMPLING:
	Color CLGAR Odor SLICHT Turbidity LOW
	Was an oil film or layer apparent?
	CONDUCTIVITY
	PH
	TEMPERATURE 20.5
	WELL SAMPLING NOTES:

	By R $KENNEDY$ Date $\frac{10/24/17}{60^{S}}$ Sample with Bailer	Time 0000
A.	A. WATER TABLE:	
	Well depth: Well elevation:	10
	(below top of casting) /7.66 ft. (top of cas	
	Depth to water table: Water table elevation:	<u>\$</u>
	(below top of casting) 10-75 ft.	8
	Length of water column (LWC) ft.	
	Volume of water in well:	
	2" diameter wells = 0.163 x (LWC) =	gallons x
	4" diameter wells = 0.653 x (LWC) =	galions
Б	6" diameter wells = 1.469 x (LWC) =	gallons
В.	B. PHYSICAL APPEARANCE AT START: Color LIGHT GREY Odor SLIGHT Turbidity	MGD
	,	1 (Cy
_	Was an oil film or layer apparent? Note: PREPARATION OF WELL FOR SAMPLING:	
U.	Amount of water removed before sampling	gallons
	Did well go dry?	yanons
D.	PHYSICAL APPEARANCE DURING SAMPLING:	
	Color LIGHT GREY Odor SLIGHT Turbidity	MED
	Was an oil film or layer apparent?	
E.	CONDUCTIVITY	
F.	. PH	
G.	i. TEMPERATURE 20.3	
H.	. WELL SAMPLING NOTES:	

Form 3 – Groundwater Monitoring Well Field Logs

"GROUND WATER MONITORING WELL FIELD LOG"

FORM 3

OPERATIONS and MAINTENANCE MANUAL CONTAINMENT STRUCTURE CONKLIN LIMITED SYRACUSE, NEW YORK

DATE 10/23/17	INSPECTOR	(s) R K	ENNOPY	
TIME 0800	WEATHER	SUNNY	509	

WELL NO.	RIM ELEVATION	DEPTH TO WATER (FT)	WATER ELEVATION	DEPTH TO BOTTOM (FT)	SAMPLE TAKEN (YES)(NO)	COMMENTS
<u>MW-1</u>	14.63	11,5	3.13	21.63	YES	
<u>MW-2</u>	14.10	10.1	4.00	21.96	YES	
<u>MW-3</u>	14,67	7.7	6.97	21.82	YES	
<u>MW-4</u>	14.81	9.45	5,36	23.82	YES	,
<u>MW-5</u>	17.67	12,10	5.57	20,00	YES	

COMMENTS:			
		-	

ple l ple f	Location MONITORING LEACHAGE Well No
ther	Surve So Sample with Bailer Pump
A.	WATER TABLE:
	Well depth: Well elevation:
	(below top of casting) $\frac{2\sqrt{63}}{6}$ ft. (top of casting) $\frac{196}{6}$
	Depth to water table: Water table elevation:
	(below top of casting) // > ft.
	Length of water column (LWC) 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) =gallons
В.	PHYSICAL APPEARANCE AT START:
	Color CLAR Odor NONE Turbidity Low
	Was an oil film or layer apparent?
C.	PREPARATION OF WELL FOR SAMPLING:
	Amount of water removed before sampling gallons
_	Did well go dry?
D.	PHYSICAL APPEARANCE DURING SAMPLING: Color CLAR Odor None Turbidity
	outinitiatey
_	Was an oil film or layer apparent? CONDUCTIVITY 2.72
	TEMPERATURE 15.8
	WELL SAMPLING NOTES:
п.	WELL SAMPLING MOTES:
-	
_	

iple l	Location MONTTURING LEACHAID Well No
ple l	By C. V.S. N.V.B.D. Date 10/23/17 Time 08 00
ther	Sown 50 9 Sample with Bailer Pump
A.	WATER TABLE:
	Well depth: Well elevation:
	(below top of casting) $\frac{2}{2}$, $\frac{9}{2}$ ft. (top of casting) $\frac{1}{2}$
	Depth to water table: Water table elevation:
	(below top of casting) $\frac{10}{1}$ ft. $\frac{1}{1}$
	Length of water column (LWC) 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) =gallons
B.	PHYSICAL APPEARANCE AT START:
	Color Latt Gara Odor SCIGHT Turbidity Low
	Was an oil film or layer apparent?
C.	PREPARATION OF WELL FOR SAMPLING:
	Amount of water removed before sampling gallons
	Did well go dry?
D.	PHYSICAL APPEARANCE DURING SAMPLING:
	Color LIGHT Odor SLIGHT Turbidity LOW
	Was an oil film or layer apparent?
E.	CONDUCTIVITY 3,35
F.	PH
G.	TEMPERATURE /7-7
H.	WELL SAMPLING NOTES:
_	

Sample Location MONTTORING LGA(HATE Well No.
Sample By R. KRWRDY Date 10/23/17 Time 0800
Veather SONN 565 Sample with Bailer Pump
A. WATER TABLE:
Well depth: Well elevation:
(below top of casting) <u>入/ パピン ft.</u> (top of casting) <u>/ りん</u>
Depth to water table: Water table elevation: $6-9$
(below top of casting) 7.7 ft.
Length of water column (LWC) 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) =gallons
B. PHYSICAL APPEARANCE AT START:
Color GOET Odor SCIGHT Turbidity MOD
Was an oil film or layer apparent?
C. PREPARATION OF WELL FOR SAMPLING:
Amount of water removed before sampling gallons
Did well go dry?
D. PHYSICAL APPEARANCE DURING SAMPLING:
Color GOEY Odor SLIGHT Turbidity MOD
Was an oil film or layer apparent?
E. CONDUCTIVITY 4/7
F. PH
G. TEMPERATURE
H. WELL SAMPLING NOTES:

Sample Location MNRTORING LGACHATE	Well No.
Sample By R KGNNGDY Date 16/23	7/17 Time 08 00
Weather SUMNY 505 Sample with	Bailer Pump
A. WATER TABLE:	
Well depth: Well elev	ration:
(below top of casting) 23.82 ft.	(top of casting) 14.8
Depth to water table: Water table	elevation:
(below top of casting) 9,45 ft.	
Length of water column (LWC)	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) =	gallons
B. PHYSICAL APPEARANCE AT START:	
Color DAUR GREY Odor SUGGHT	Turbidity HIGH
Was an oil film or layer apparent?	NOW
C. PREPARATION OF WELL FOR SAMPLING:	==
Amount of water removed before sampling	3gallons
Did well go dry?/\/o	
D. PHYSICAL APPEARANCE DURING SAMPLI	NG: 1 - 2 - 1
Color PACK GREY Odor SLEGHT	Turbidity 1764
Was an oil film or layer apparent?	NONE
E. CONDUCTIVITY 10.78	
F. PH	
G. TEMPERATURE/8.7 C	
H. WELL SAMPLING NOTES:	
1	

ple l	Location MOVITOGING LGACHATE Well NoS
ple i	By C (GNNG) Date 10/23/17 Time 0800
ther	SOMNY SOS Sample with Bailer Pump
A.	WATER TABLE:
	Well depth: Well elevation:
	(below top of casting) 20.00 ft. (top of casting) 17.6
	Depth to water table: Water table elevation:
	(below top of casting) $\frac{12.10}{12.10}$ ft.
	Length of water column (LWC) 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) =gallons
B.	PHYSICAL APPEARANCE AT START:
	Color BACK GORY Odor SLIGHT Turbidity HRaff
	Was an oil film or layer apparent?
C.	PREPARATION OF WELL FOR SAMPLING:
	Amount of water removed before sampling gallons
	Did well go dry?
D.	PHYSICAL APPEARANCE DURING SAMPLING:
	Color DAUX GRAY Odor SLIGHT Turbidity HIGH
	Was an oil film or layer apparent?
E.	CONDUCTIVITY 8.69
F.	PH7:/7
G.	TEMPERATURE 15-3
H.	WELL SAMPLING NOTES:
-	
_	

Form 4 – Site Observation Form

OPERATION and MAINTENANCE MANUAL CONTAINMENT STRUCTURE CONKLIN LIMITED SYRACUSE NEW YORK

INSPECTION OF PAVEMENT INSPECTION OF PAVEMENT INSPECTOR(S): (USGC, KM MLD) WEATHER: (LOW) Syo
1.) VISUAL INSPECTION OF PAVEMENT TO MAJOR PROCESSAUK HOLES
2.) VISUAL INSPECTION OF LANDSCAPE AREAS
ALL ARSAS IN GOOD SHAPE
3.) MAINTENANCE PERFORMED OVER CONTAINMENT AREA
NONE
4.) COMMENTS

Form 5 – 2016 Storm **Drainage Facilities Report**

OPERATION and MAINTENANCE MANUAL CONTAINMENT STRUCTURE CONKLIN LIMITED SYRACUSE NEW YORK

DATE WEATHER INSPECTORIS (2086C) 5000S

	73 74 75	70 72	65 66 67a	NO.
ODDAS CON NOTED (describe) I V V V V V V V V V V V V V V V V V V	125.11	3.5%	011	CONDITION (inches)
CON DEPOSITOR OF BED SHS	7,7	3,7	727	DEPTH OF SEDIMENT (inches)
COMMENTS ELTMIN ATED	NONE NONE	3NON U	None	ODORS NOTED (describe)
		ELIMIN ALEO		COMMENTS



OBG

THERE'S A WAY

