February 22, 2012

Mr. Christopher F. Mannes, III, P.E.
Environmental Engineer II
New York State Department
of Environmental Conservation
Region 7- Environmental Quality Office
615 Erie Boulevard W.
Syracuse, NY 13204-2400

RE: Containment Structure Site # 734048

FILE: 6443/37514

Dear Mr. Mannes:

On behalf of Conklin Limited, O'Brien & Gere is submitting two (2) copies of the 2011 Periodic Review Report and the 2011 Fact Sheet for Containment Structure Site #734048 (Clark Site). This report represents the requirements of the approved Operation and Maintenance Manual for the Containment Structure dated May 1993, revised February 1994. A .pdf copy of the report will be emailed to you separately.

Should there be questions or comments, please contact Rob Schoeneck at (315)-466-6000 or me at (315)-956-6228.

Very truly yours,

O'BRIEN & GERE ENGINEERS, INC.

Michael E. Rewkowski
Senior Project Designer

Enclosures: Containment Structure Year 2011 Periodic Review Report
2011 Fact Sheet

cc: Rob Schoeneck – Conklin Limited (2 copies)
GDCannerelli - O'Brien & Gere

CONTAINMENT STRUCTURE
SITE #734048

FACT SHEET – FEBRUARY 2012

What and where is the Containment Structure?

The Containment Structure was constructed in 1990 on the west side of the Carousel Center below the parking field. An earthen berm was constructed and the interior was double lined with 60 ml high density polyethylene (HDPE) liners. An intermediate layer of geonet was installed as a leak detection system between the liners. These primary and secondary liners were overlain with a combination of sand, geotextile, crushed stone and filter fabric layers to facilitate leachate collection and management from approximately 60,000 cubic yards of soils impacted with volatile organic compounds (VOCs). The final cover consists of a HDPE liner covered by sand, gravel and an asphalt surface.

Perforated pipe within the Containment Structure directs leachate by gravity towards 5 leachate collection sumps. Adjacent to each of these sumps are leak detection sumps. There are 5 ground water monitoring wells installed around the perimeter of the Containment Structure.

What has occurred since construction of the Containment Structure?

In May of 1993 a draft Operation and Maintenance (O&M) Manual was prepared for the 30-year closure period for the Containment Structure and submitted to the NYSDEC for review. In February of 1994 the O&M Manual was approved by the NYSDEC and the work tasks within the O&M Manual were commenced. The Containment Structure has been operated in accordance to the approved O&M Manual.

Specifically, implementation of the O&M Manual included:

1. Inspections and monitoring of the leachate collection sumps, leak detection sumps and ground water monitoring wells.

2. Leachate sample collection and analysis from the leachate collection and leak detection sumps, and ground water monitoring wells.

3. Leachate collection and proper disposal.

4. General site observation.

5. Storm drain inspections and air monitoring.

6. Reports and submittals to the NYSDEC.

What is the current status of the project?

Based on review of the annual reports and monitoring information, the Containment Structure appears to be functioning appropriately. Leachate is being removed by automatic pumping of the leachate collection system and by manual pumping of the leak detection system. Analysis of ground water samples from the monitoring wells indicates that the local ground water quality is

not impacted by the Containment Structure. The asphalt surface above the Structure is intact and appears structurally sound.

Are there any proposed actions for the site?

In general, work at the site will continue to include work tasks identified in the O&M Manual. These items include:

1. Inspections of the leachate collection sumps, leak detection sumps, monitoring wells and general site condition.

2. Laboratory analysis of water from the collection, detection and monitoring well systems.

3. Fluid removed from the leachate collection sumps and leak detection sumps will continue to be properly managed and manifested.

PERIODIC REVIEW REPORT

Containment Structure Site #734048

Conklin Limited
Syracuse, New York

February 2012

O'BRIEN & GERE

6443 | 37514

Containment Structure Site #734048

Syracuse, New York

Prepared for: Conklin Limited

TABLE OF CONTENTS

LIST OF TABLES

LIST OF FIGURES

LIST OF APPENDICES

1. INTRODUCTION

This 2011 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 2011 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 1994). The PRRs summarizing the monitoring activities from 2009 and 2010 were submitted to the NYSDEC in March 2010 and April 2011, respectively. 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) (O'Brien & Gere 1998).

Analytical results of samples collected from the leachate collection sumps (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 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 yards of VOC-impacted soils excavated from the Clark Site and portions of the Hess-1 and Buckeye properties.

An Operations and Maintenance (O&M) Manual was prepared for the Clark Site in accordance with Agreement and Determination No. A7-0163-88-12 and Agreement and Determination No. A7-0224-90-02 between Conklin Limited and the NYSDEC for remediation of the Inactive Hazardous Waste Site No. 734048 (Clark Site). These agreements required Conklin Limited to perform a Remedial Investigation/Feasibility Study (RI/FS) and an Interim Remedial Measure (IRM), respectively, at the Clark Site. The IRM was performed during the spring and summer of 1990, and on December 3, 1990, an IRM report and Supplemental Remedial Investigation Study Report were submitted to the NYSDEC. The Supplemental Remedial Investigation was accepted and approved by the NYSDEC on January 14, 1991. The IRM Report was accepted and approved by the NYSDEC on March 14, 1991. The Feasibility Study was submitted to the NYSDEC in April 1991. The Feasibility Study was performed in a manner consistent with the National Contingency Plan and concluded that the preferred remediation alternative was Alternative No. 2 – Groundwater Management/Leachate Site Monitoring with completed Interim Remedial Measures. The NYSDEC adopted the Final Record of Decision (ROD) approving Alternative No. 2 on or about March 24, 1994. The O&M Manual, as approved by the NYSDEC, was implemented as part of Alternative No. 2.

The O&M Manual is a post-closure document that provides guidelines and procedures for operation and maintenance of Containment Structure #734048. Work tasks for the 30-year closure period described in the O&M Manual were commenced in 1994. The Containment Structure continues to be operated in accordance to 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. A 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 updated in 1997. Rim elevations of MWs 1 through 5 were again surveyed in 2004 and in 2011.

3. EVALUATE REMEDY PERFORMANCE, EFFECTIVENESS, AND PROTECTIVENESS

The O&M Manual establishes appropriate procedures for data and sample collection, compilation of results (Tables 6-1 and 6-2 in Section 6, Tables 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, than 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.
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. However, collected water volumes appear to reflect a decreasing trend. The secondary liner appears to be performing its design function of containing water and directing it to the LDSs.
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. Comparison of the 2004 and 2011 surveys indicates approximately 0.5-ft of settlement has occurred on Site.
6. Air quality, measured in terms of Lower Explosive Limit (LEL), hydrogen sulfide (H_2S), and oxygen content (O_2), has been within acceptable levels within the LCS and LDS access points.
7. The measured water levels and sample analytical results from the LCSs, LDSs, and MWs do not prompt corrective action per the RAP.

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.

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 2011. 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. 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 on-Site monitor. The Site monitor has completed the 40-hour Occupational Safety and Health Administration (OSHA) Course in Hazardous Waste Site Operation Safety training and annual 8-hour refresher courses. A copy of his Health and Safety at Hazardous Waste Operations Course Certification is included in Appendix E.

Summaries of the data from the 18-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 air monitoring device or Industrial Science M40 unit
- 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 2010 have been submitted in past years in accordance with the O&M Manual. The Leachate Collection Sump Field Logs (Form 1) for the 2011 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 reflect the August 29, 2011 C.T. Male survey information. Rim and invert elevations are used to calculate water elevation and depth of water (water level) within the LCSs that are provided in Tables 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 from the LCSs for 2011 do not prompt corrective action per the RAP.

Leachate levels have generally been less than corrective action levels in each LCS since 1994, indicating that the leachate collection system continues to function appropriately. In 2010, the measured water level in LCS-2 was 1.83 ft, in excess of the corrective action level of 1.5 ft specified in the RAP. Subsequently, corrective actions prescribed in the RAP were implemented in conjunction with procedures provided in the O&M Manual and the system was reported to be functioning properly.

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%
- H_2S readings of 0%
- O_2 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 2011, 1,1-dichloroethane was the only constituent detected in each of the LCSs at concentrations that are consistent with past monitoring events. The only other compound detected above detection limits was 1,1,1-trichloroethane in LCS-5 at 5.5 ug/L. Laboratory reports from 1994 through 2010 have been submitted in past years in accordance with the O&M Manual. Laboratory reports for the 2011 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

Dates	Leachate Collected (Gallons)	Annual Recovery (year) (gallons)
10/90 to 1/94	171,000[1]	
Period 2/94 to 6/94[2]	20,000	
Period 7/94 to 9/94	23,903	

Dates	Leachate Collected (Gallons)	Annual Recovery (year) (gallons)
Period 10/94 to 12/94	10,000	53,900 (1994)
Period 1/95	1,601	
Period 2/95 - 12/95	10,050	11,651 (1995)
Period 1/96 - 12/96	14, 508	14,508 (1996)
Period 1/97 - 12/97	5,055	5,055 (1997)
Period 1/98 - 12/98	11,957	11,957 (1998)
Period 1/99 – 12/99	20,250	20,250 (1999)
Period 1/00 - 12/00	15,270	15,270 (2000)
Period 1/01 - 12/01	12,910	12,910 (2001)
Period 1/02 - 12/02	12,495	12,495 (2002)
Period 1/03 - 12/03	17,020	17,020 (2003)
Period 1/04 – 12/04	16,850	16,850 (2004)
Period 1/05 – 12/05	14,700	14,700 (2005)
Period 1/06 – 12/06	15,350	15,350 (2006)
Period 1/07 – 12/07	16,458	16,458 (2007)
Period 1/08 – 12/08	10,394	10,394 (2008)
Period 1/09 – 12/09	10,406	10,406 (2009)
Period 1/10 – 12/10	11,440	11,440 (2010)
Period 1/11 – 12/11	18,846	18,846 (2011)
(1) Estimated based on review of available records **(2) Automatic pumping initiated** **Source: O'Brien & Gere**		

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.

Leachate was transported by Page Transportation Company to Vickery Environmental, Inc. in Vickery, Ohio. Hazardous Waste Manifests for the leachate transportation from the 2011 monitoring period are included as Appendix B. Hazardous Waste Manifests from 1994 through 2010 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 air monitoring device or Industrial Science M40 unit
- 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 2010 have been submitted in past years in accordance with the O&M Manual. The Leak Detection Sump Field Logs (Form 2) for the 2011 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 reflect the August 29, 2011 C.T. Male survey information.

Depths to water within the individual LDSs were measured each year since 1994 and are indicated in Table 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 2011 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 2011, measurements near the access cover to the sump have consistently been as follows:

- LEL readings of 0%
- H_2S readings of 0%
- O_2 levels at or near 20.5%

6.2.4 LDS Sampling and Laboratory Analysis

Samples were collected pursuant of the O&M Manual from each of the five LDSs since 1994. 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 the laboratory detection limits within the individual LDS samples since 1994 are summarized in Appendix D. In 2011, 1,1 dichloroethane was the only compound detected above detection limits. It was present in three of the five LDSs (LDS-2, LDS-3, and LDS-4) at concentrations consistent with historical data. Laboratory reports from the 1994 through 2010 sampling events have been submitted in past years in accordance with the O&M Manual. Laboratory reports for the 2011 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 2011 are indicated in Table 6-2.

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

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

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

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 Transportation Company. Uniform Hazardous Waste Manifest forms for 2011 are included in Appendix B. Hazardous Waste Manifests from 1994 through 2010 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 reflect the August 29, 2011 C.T. Male survey information and are included in Table C-4 of Appendix C. Depth to water in the five groundwater MWs were gauged during monitoring events using a water level indicator. Results for 2011 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 are consistent with past data (Figure 3).

6.3.2 Groundwater Sampling and Laboratory Analysis

Groundwater samples were collected pursuant to the O&M Manual from MW-1 through MW-4 since 1994 and 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 2011, no constituents were detected in any of the 5 MWs, except for MW-1. In MW-1, there was a single detection of trichloroethene (7.6µg/L in MW-1). 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 µg/L) and a single reading of trichloroethane in 2008 (10 µg/L). Laboratory reports from the 1994 through 2010 sampling events have been submitted in past years in accordance with the O&M Manual. Laboratory reports for 2011 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 2011 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 2010 have been submitted in past years in accordance with the O&M Manual. A copy of the Storm Drainage Facilities Report for 2011 is included in Appendix K.

In 2011, 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 2011 data.

1. Total manifested volume of leachate from LCSs and LDSs = 18,846 gal
2. Total LDS volume = 650 gal (measured)
3. Total LCS volume = 18,196 gal (calculated)
4. The pH recorded in MW-1 was 8.46, continuing a downward trend. The pH was 8.63 in 2010, 8.97 in 2009, 9.14 in 2008, 9.21 in 2007, 9.43 in 2006, and 9.72 in 2005.
5. No compounds were detected above detection limits in LDS-1, LDS-5, MW-2, MW-3, MW-4, and MW-5.

6. Trichloroethene was the only compound detected in MW-1 (7.6 ug/L).
7. First detection of 1,1,1-trichloroethane in LCS-5 (5.5 ug/L) since 2000.
8. 1,1-Dichloroethane was the only constituent detected in LCS-1, LCS-2, LDS-2, LCS-3, LDS-3, LCS-4, and LDS-4. It was detected at the highest concentration since 2005 in LCS-5 (69 ug/L). It was not detected in LDS-1 for the first time since 1994 and in LDS-5 since 2002.
9. The concentrations in the other LCS, LDS, and MW samples were consistent with historical data.
10. A total of only three constituents were detected in the LCSs, LDSs, and MWs: 1,1-dichloroethane, 1,1,1-trichloroethane, and trichloroethene.
11. No constituents have been detected in MW-3 since 1996.
12. No constituents have been detected in MW-2 or MW-4 since 2006.

The following conclusions are based on Site activities from 1994 through 2011.

1. Samples from the Containment Structure LCSs and LDSs contain different constituents, at variable concentrations, than samples from groundwater MWs. Therefore, there does not appear to be a hydrologic connection between systems.
2. The measured water levels from the LCSs, LDSs, and MWs do not prompt corrective action per the RAP. The system was reported to be functioning properly.
3. Leachate continues to enter, and be removed from, the leachate collection system. Automatic pumping of the LCSs will continue to dewater the Containment Structure.
4. Water continues to drain to the LDSs where it is removed during the monitoring events. Collected volumes appear to reflect a general decreasing trend since 2002. 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.
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 2011.

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.
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 need to performed in 2016 to conform to the O&M Manual requirement for a survey to be performed every five years.
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 18 of the 30-year closure period for Containment Structure #734048. The O&M Manual requires inspections, gauging, sampling and analysis, and recordkeeping of LCSs, LDSs, groundwater MWs, and surface drainage facilities. In addition, general Site inspections are also performed. To date, the Containment Structure has been operated in accordance with the approved O&M Manual. Compliance requirements have been met for each component outlined and analytical results have not prompted corrective action per the RAP to date.

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.

FIGURE 1

PATH: I:\Carousel-Ctr-Co.6443\37514.Containment-Str\DWG\Figure1_SITE_LOC.mxd
NAME: KellyBA
DATE: 2/7/2012 1:26:25 PM

ADAPTED FROM: SYRACUSE WEST USGS QUADRANGLE

MAP LOCATION

CONKLIN LIMITED
SITE #734048
CONTAINMENT STRUCTURE
2011 PERIODIC REVIEW REPORT

SITE LOCATION

N

0 1,000 2,000 4,000 6,000 8,000

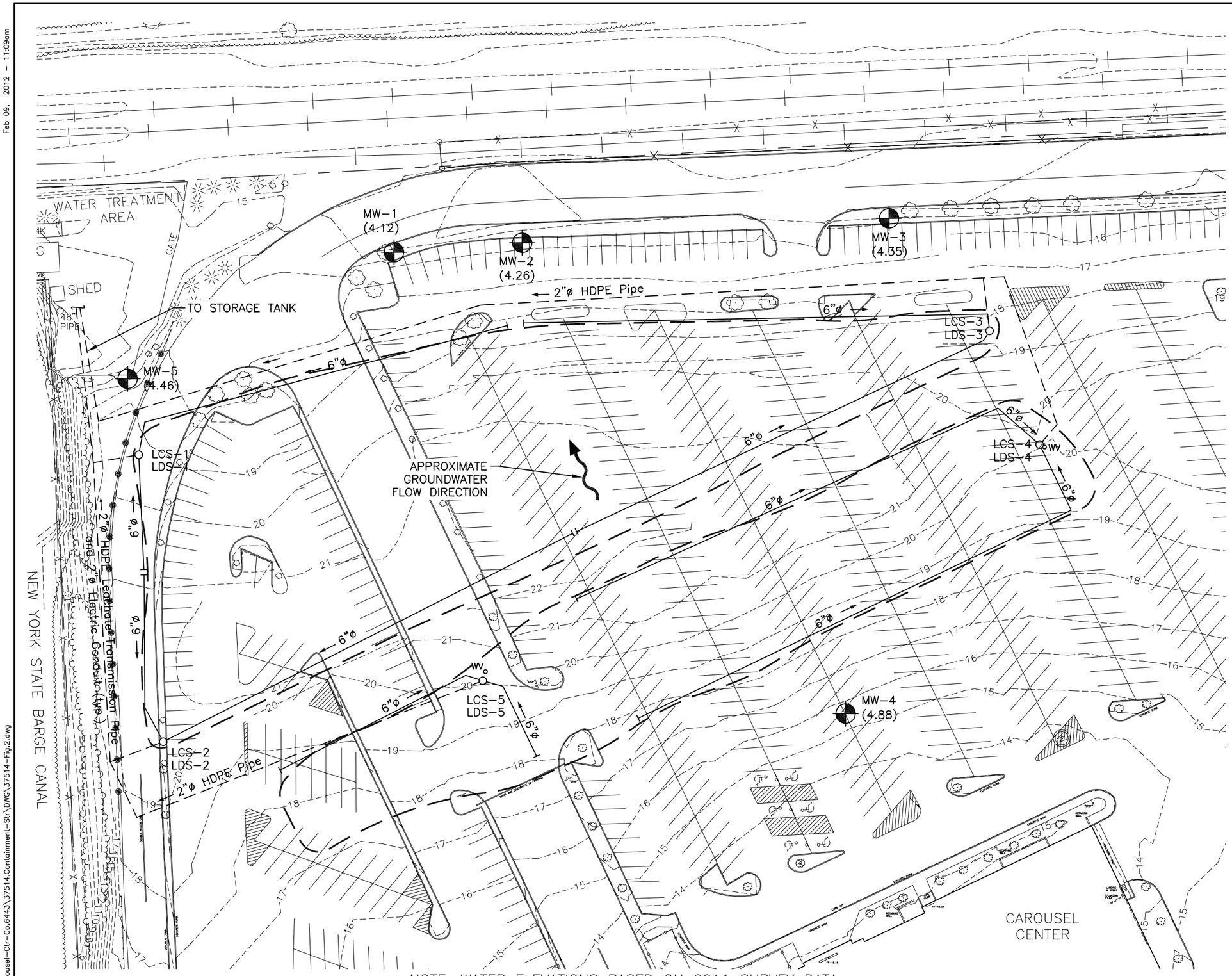
Feet

FEBRUARY 2012
6443.37514

1:24,000

O'BRIEN & GERE

FIGURE 2



NOTE: WATER ELEVATIONS BASED ON 2011 SURVEY DATA.

LEGEND

- MW-1 (4.22) — MONITORING WELL & GW ELEVATION (FT.)
- LCS-4 — LEACHATE COLLECTION SUMP
- LDS-4 — LEAK DETECTION SUMP
- APPROXIMATE CELL LIMITS
- 6"ø — PERFORATED LEACHATE COLLECTION PIPE
- 2"ø HDPE Pipe — LEACHATE SUMP DISCHARGE PIPE
- 18 — EXISTING SURFACE CONTOUR

CONKLIN LIMITED
SITE #734048
CONTAINMENT STRUCTURE
2011 PERIODIC REVIEW REPORT

GENERAL SITE PLAN

1"=60' (60 0 60)

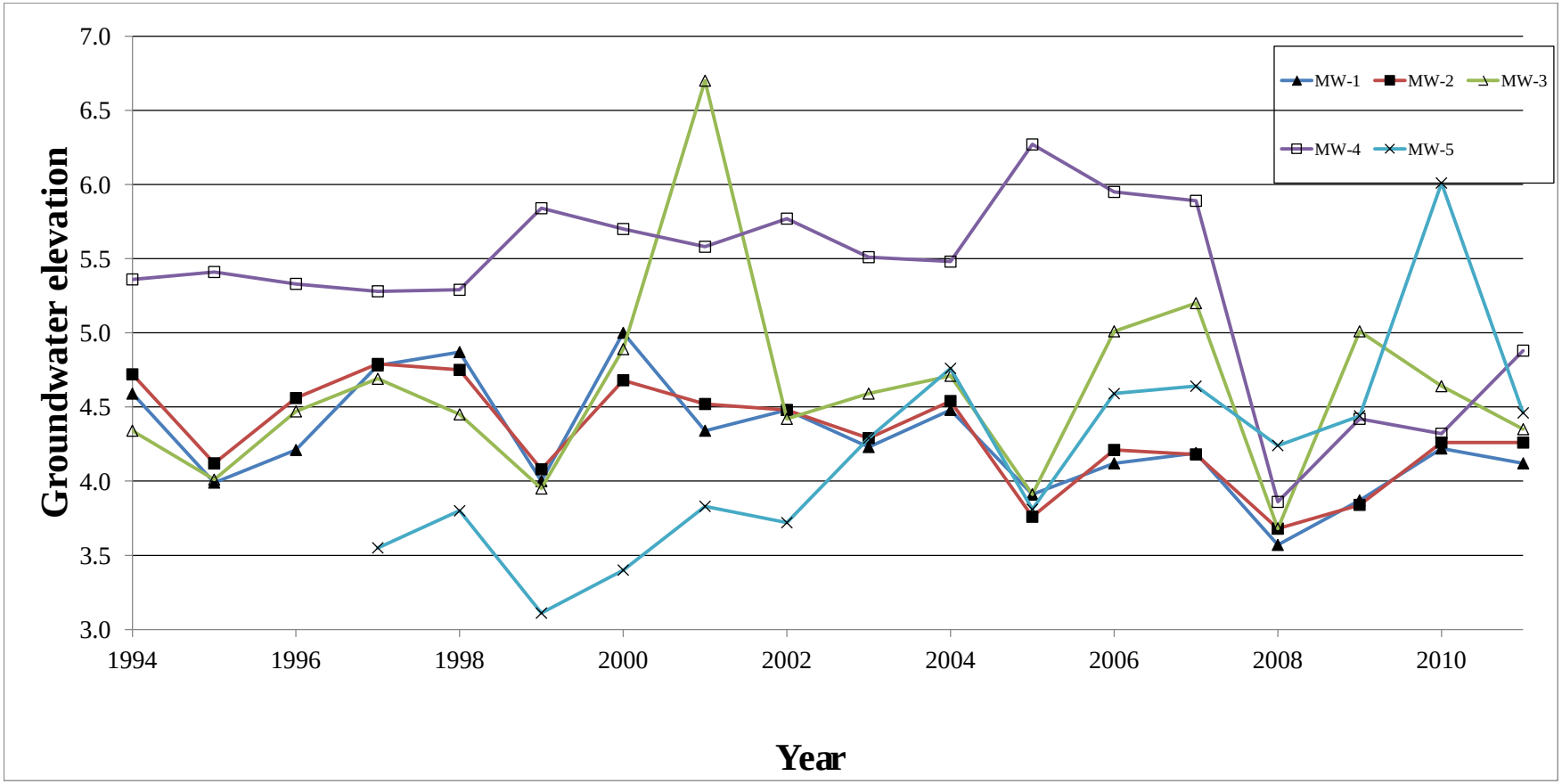
6443.37514-FIG2
FEBRUARY 2012

O'BRIEN & GERE

Feb 09, 2012 - 11:09am

I:\Carousel-Ctr-Co.6443\37514.Containment-Str\DWG\37514-Fig2.dwg

CONKLIN LIMITED
SITE #734048
CONTAINMENT STRUCTURE
2011 PERIODIC REVIEW REPORT
MONITORING WELL WATER ELEVATIONS



Appendix A

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 Details **Box 1**

Site No. 734048

Site Name Clark Property

Site Address: 350 West Hiawatha Boulevard Zip Code: 13208
City/Town: Syracuse
County: Onondaga
Allowable Use(s) (if applicable, does not address local zoning): no restrictions known
Site Acreage: 1.8
Owner: Pyramid Company of Onondaga
350 W. Hiawatha Blvd, Rear, Syracuse, NY 13204

Reporting Period: January 07, 2011 to January 07, 2012

Verification of Site Details **Box 2**

		YES	NO
1.	Is the information in Box 1 correct?	☒	☐
	If NO, are changes handwritten above or included on a separate sheet?	☐	
2.	Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	☐	☒
	If YES, is documentation or evidence that documentation has been previously submitted included with this certification?	☐	
3.	Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	☐	☒
	If YES, is documentation (or evidence that documentation has been previously submitted) included with this certification?	☐	
4.	If use of the site is restricted, is the current use of the site consistent with those restrictions?	N/A ☐	☐
	If NO, is an explanation included with this certification?	☐	
5.	For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), has any new information revealed that assumptions made in the Qualitative Exposure Assessment regarding offsite contamination are no longer valid?	N/A ☐	☐
	If YES, is the new information or evidence that new information has been previously submitted included with this Certification?	☐	
6.	For non-significant-threat Brownfield Cleanup Program Sites subject to ECL 27-1415.7(c), are the assumptions in the Qualitative Exposure Assessment still valid (must be certified every five years)?	N/A ☐	☐

SITE NO. 734048 **Box 3**

Description of Institutional Controls

Parcel	Institutional Control
S_B_L Image: 114.-02-05.2	O&M Manual

Box 4

Description of Engineering Controls

Parcel	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 Statements

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

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

   b) to the best of my knowledge and belief, the work and conclusions described in this certification are in accordance with the requirements of the site remedial program, and generally accepted

YES	NO
☒	☐

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

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

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

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

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

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

YES	NO
☒	☐

3. If this site has an Operation and Maintenance (O&M) Plan (or equivalent as required in the Decision Document);

   I certify by checking "YES" below that the O&M Plan Requirements (or equivalent as required in the Decision Document) are being met.

YES	NO
☒	☐

4. If this site has a Monitoring Plan (or equivalent as required in the remedy selection document);

   I certify by checking "YES" below that the requirements of the Monitoring Plan (or equivalent as required in the Decision Document) is being met.

YES	NO
☒	☐

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 Law.

I ROBERT J. SCHOENECK at CAROUSEL CENTER 9090 CAROUSEL CENTER, SYRACUSE, NY
print name print business address

am certifying as GENERAL MANAGER (Owner or Remedial Party)

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

Robert J Schoeneck
Signature of Owner or Remedial Party Rendering Certification

FEB 6, 2012
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.

I _____ at _____,
print name print business address

am certifying as a Qualified Environmental Professional for the _____

(Owner or Remedial Party) for the Site named in the Site Details Section of this form.

_____ _____ _____
Signature of Qualified Environmental Professional, for the Owner or Remedial Party, Rendering Certification | Stamp (if Required) | Date

Appendix B

Uniform Hazardous Waste Manifests

...ype. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

...FORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD 986 870 559	1	302 652-8999	004308189 JJK

GENERATOR

5. Generator's Name and Mailing Address
Conklin Limited
9090 Carousel Center, Syracuse, NY 13290
Generator's Phone: 315 466-6000

Generator's Site Address (if different than mailing address)
372 Hiawatha Blvd.,
Syracuse, NY 13202

6. Transporter 1 Company Name
Page ETC, Inc.
U.S. EPA ID Number
NYD 986 969 947

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

8. Designated Facility Name and Site Address
Vickery Environmental, Inc.
3956 State Route 412, Vickery, OH 43464
Facility's Phone: 419 547-7791
U.S. EPA ID Number
OHD 020 273 819

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, NA3082 Hazardous Waste, Liquid, N.O.S., 9, III (Xylene, Napthalene)		TT	5000	G	F039		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: VB5696 ERG171

SR# 95490

Job# WILM-MSCH-

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Ray Flanagan
Signature: Ray Flanagan
Month 4 Day 18 Year 11

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Richard Pullen
Signature: Richard Pullen
Month 4 Day 18 Year 11

Transporter 2 Printed/Typed Name
Signature
Month Day Year

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☑ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Greater than 10% discrepancy. Actual gallons = 4398. Resolved per Robert Schoenick / Roth 4/19/11
Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H134			

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

Printed/Typed Name: Teresa Roth
Signature: Teresa Roth
Month 04 Day 19 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Capitol Environmental Services, Inc.

INVOICE

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

RECEIVED
APR 25 2011
Per

SOLD TO:
Carousel Center 9090 Carousel Center Drive Syracuse, NY 13290 Attn: Gail Carroll

SHIPPED TO:
Vickery Environmental, Inc.

INVOICE NUMBER	WILM-MSCH-2786-19550-20149
INVOICE DATE	04/25/2011
TERMS	**NET 30 DAYS**
YOUR ORDER NUMBER	**17435**
SALES REP	M.Schubert
SHIPPED VIA	Page
PREPAID or COLLECT	Collect

QUANTITY	*DESCRIPTION*	*UNIT PRICE*	*AMOUNT*
4398.1	Gallons Disposal of F039 Water (VB5696) **Manifest#004308189JJK**	$0.32	$1,407.39
1	Load Transportation	$1,850.00	$1,850.00
1	Each Fuel surcharge (51%)	$943.50	$943.50
	Date of Shipment: 4/18/11		
	Generator: Conklin Limited **372 W. Hiawatha Blvd.** **Syracuse, NY 13202**		

"Demurrage and surcharges, if applicable, will be billed separately"

SUBTOTAL	$4,200.89
TAX (8%)	$336.07
FREIGHT	$0.00
PAY THIS AMOUNT	$4,536.96

Questions concerning this invoice?
Call: Amy Moser
(302)652-8999

MAKE ALL CHECKS PAYABLE TO:
Capitol Environmental Services, Inc.

THANK YOU FOR YOUR BUSINESS!

Please print or type. (Form designed for use on elite (12-pitch) typewriter.) Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST	1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
	NYD 986 870 558	1	302 652-8999	004308190 JJK

GENERATOR

5. Generator's Name and Mailing Address
Conklin Limited
9090 Carousel Center, Syracuse, NY 13290
Generator's Phone: 315 466-6000

Generator's Site Address (if different than mailing address)
372 Hiawatha Blvd.,
Syracuse, NY 13202

6. Transporter 1 Company Name
Page ETC, Inc.

U.S. EPA ID Number
NYD 986 969 847

7. Transporter 2 Company Name

U.S. EPA ID Number

8. Designated Facility Name and Site Address
Vickery Environmental, Inc.
3956 State Route 412, Vickery, OH 43464
Facility's Phone: 419 547-7791

U.S. EPA ID Number
OHD 020 273 819

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, NA3082 Hazardous Waste, Liquid, N.O.S., 9, III (Xylene, Napthalene)		TT	4500 gal.	G	F039		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: VB5696 ERG171

SR# 957624

Job# WILM-MSCH-

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Roy Flanagan
Signature: Roy Flanagan
Month: 5 Day: 26 Year: 11

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Richard Pullen
Signature: Richard Pullen
Month: 5 Day: 26 Year: 11

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

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)

U.S. EPA ID Number

Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H134			

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

Printed/Typed Name: James Baumer
Signature: James L Baumer
Month: 05 Day: 27 Year: 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

DESIGNATED FACILITY TO DESTINATION STATE (IF REQUIRED)

Capitol Environmental Services, Inc.

INVOICE

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

RECEIVED
JUN 2 2011
Per

SOLD TO:
Carousel Center 9090 Carousel Center Drive Syracuse, NY 13290 Attn: Gall Carroll

SHIPPED TO:
Vickery Environmental, Inc.

INVOICE NUMBER	WILM-MSCH-2786-19667-20288
INVOICE DATE	06/02/2011
TERMS	**NET 30 DAYS**
YOUR ORDER NUMBER	**17435**
SALES REP	M.Schubert
SHIPPED VIA	Page
PREPAID or COLLECT	Collect

QUANTITY	*DESCRIPTION*	*UNIT PRICE*	*AMOUNT*
4711.25	Gallons Disposal of F039 Water (VB5696) **Manifest#004308190JJK**	$0.32	$1,507.60
1	Load Transportation	$1,850.00	$1,850.00
1	Each Fuel surcharge (49%)	$906.50	$906.50
	Date of Shipment: 5/26/11		
	Generator: Conklin Limited **372 W. Hiawatha Blvd.** **Syracuse, NY 13202**		

"Demurrage and surcharges, if applicable, will be billed separately"

SUBTOTAL	$4,264.10
TAX (8%)	$341.13
FREIGHT	$0.00
PAY THIS AMOUNT	$4,605.23

Questions concerning this invoice?
Call: Amy Moser
(302)652-8999

MAKE ALL CHECKS PAYABLE TO:
Capitol Environmental Services, Inc.

THANK YOU FOR YOUR BUSINESS!

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number: NYD 986 870 558
2. Page 1 of: 1
3. Emergency Response Phone: 302 652-8999
4. Manifest Tracking Number: 004308192 JJK

GENERATOR

5. Generator's Name and Mailing Address
Conklin Limited
8090 Carousel Center, Syracuse, NY 13290
Generator's Phone: 315 466-6000

Generator's Site Address (if different than mailing address)
372 Hiawatha Blvd.,
Syracuse, NY 13202

6. Transporter 1 Company Name: Page ETC, Inc.
U.S. EPA ID Number: NYD 986 969 947

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

8. Designated Facility Name and Site Address
Vickery Environmental, Inc.
3956 State Route 412, Vickery, OH 43464
Facility's Phone: 419 547-7791
U.S. EPA ID Number: OHD 020 273 819

9a. HM	9b. U.S. DOT Description (Including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes		
X	1. RQ, NA3082 Hazardous Waste, Liquid, N.O.S., 9, III (Xylene, Napthalene)		TT	5000	G	F039		
	2.							
	3.							
	4.							

14. Special Handling Instructions and Additional Information
1: VB5696 ERG171

SR# 963586

Job# WILM-MSCH-

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Roy Flanagan
Signature: Roy Flanagan
Month: 8 Day: 24 Year: 11

INT'L

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

TRANSPORTER

17. Transporter Acknowledgment of Receipt of Materials

Transporter 1 Printed/Typed Name: Richard Pullen
Signature: Richard Pullen
Month: 8 Day: 24 Year: 11

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

DESIGNATED FACILITY

18. Discrepancy

18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection

Manifest Reference Number:

18b. Alternate Facility (or Generator)
U.S. EPA ID Number:
Facility's Phone:

18c. Signature of Alternate Facility (or Generator)
Month: Day: Year:

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H134			

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

Printed/Typed Name: Teresa Roth
Signature: Teresa Roth
Month: 08 Day: 25 Year: 11

RECEIVED

SEP 0 2 2011

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: Gail Carroll

SHIPPED TO:
Vickery Environmental, Inc.

INVOICE NUMBER	WILM-MSCH-2786-19947-20595
INVOICE DATE	08/31/2011
TERMS	**NET 30 DAYS**
YOUR ORDER NUMBER	**17435**
SALES REP	M.Schubert
SHIPPED VIA	Page
PREPAID or COLLECT	Collect

QUANTITY	*DESCRIPTION*	*UNIT PRICE*	*AMOUNT*
4821.9	Gallons Disposal of F039 Water (VB5696) **Manifest#004308192JJK**	$0.32	$1,543.01
1	Load Transportation	$1,850.00	$1,850.00
1	Each Fuel surcharge (46%)	$851.00	$851.00
	Date of Shipment: 8/24/11		
	Generator: Conklin Limited **372 W. Hiawatha Blvd.** **Syracuse, NY 13202**		

"Demurrage and surcharges, if applicable, will be billed separately"

SUBTOTAL	$4,244.01
TAX (8%)	$339.52
FREIGHT	$0.00
PAY THIS AMOUNT	$4,583.53

Questions concerning this invoice?
Call: Amy Moser
(302)652-8999

MAKE ALL CHECKS PAYABLE TO:
Capitol Environmental Services, Inc.

THANK YOU FOR YOUR BUSINESS!

4620KP

Please print or type. (Form designed for use on elite (12-pitch) typewriter.)

Form Approved. OMB No. 2050-0039

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator ID Number	2. Page 1 of	3. Emergency Response Phone	4. Manifest Tracking Number
NYD 986 870 558	1	302 682-8999	004308191 JJK

5. Generator's Name and Mailing Address
Conklin Limited
3090 Carousel Center, Syracuse, NY 13290
Generator's Phone: 315 466-6000

Generator's Site Address (if different than mailing address)
372 Hiawatha Blvd.,
Syracuse, NY 13202

6. Transporter 1 Company Name: Page ETC, Inc. — U.S. EPA ID Number: NYD 986 969 947

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

8. Designated Facility Name and Site Address
Vickery Environmental, Inc.
3956 State Route 412, Vickery, OH 43464
Facility's Phone: 419 547-7791
U.S. EPA ID Number: OHD 020 273 819

9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	10. Containers Type	11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes
X	1. RQ, NA3082 Hazardous Waste, Liquid, N.O.S., 9, III (Xylene, Napthalene)		TT	5000	G	F038
	2.					
	3.					
	4.					

14. Special Handling Instructions and Additional Information
1: VE6696 ERG171
SR# 969157
Job# WILM-MSCH-

15. GENERATOR'S/OFFEROR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by the proper shipping name, and are classified, packaged, marked and labeled/placarded, and are in all respects in proper condition for transport according to applicable international and national governmental regulations. If export shipment and I am the Primary Exporter, I certify that the contents of this consignment conform to the terms of the attached EPA Acknowledgment of Consent.
I certify that the waste minimization statement identified in 40 CFR 262.27(a) (if I am a large quantity generator) or (b) (if I am a small quantity generator) is true.

Generator's/Offeror's Printed/Typed Name: Roy Flanagan — Signature: Roy Flanagan — Month 11 Day 9 Year 11

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

17. Transporter Acknowledgment of Receipt of Materials
Transporter 1 Printed/Typed Name: Richard Pullen — Signature: Richard Pullen — Month 11 Day 9 Year 11
Transporter 2 Printed/Typed Name: — Signature: — Month Day Year

18. Discrepancy
18a. Discrepancy Indication Space ☐ Quantity ☐ Type ☐ Residue ☐ Partial Rejection ☐ Full Rejection
Manifest Reference Number:
18b. Alternate Facility (or Generator) — U.S. EPA ID Number:
Facility's Phone:
18c. Signature of Alternate Facility (or Generator) — Month Day Year

19. Hazardous Waste Report Management Method Codes (i.e., codes for hazardous waste treatment, disposal, and recycling systems)

1.	2.	3.	4.
H134			

20. Designated Facility Owner or Operator: Certification of receipt of hazardous materials covered by the manifest except as noted in Item 18a
Printed/Typed Name: Teresa Roth — Signature: Teresa Roth — Month 11 Day 10 Year 11

EPA Form 8700-22 (Rev. 3-05) Previous editions are obsolete.

TRANSPORTER'S COPY

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: Gail Carroll

SHIPPED TO:
Vickery Environmental, Inc.

INVOICE NUMBER	WILM-MSCH-2786-20222-20889
INVOICE DATE	11/29/2011
TERMS	**NET 30 DAYS**
YOUR ORDER NUMBER	**17435**
SALES REP	M.Schubert
SHIPPED VIA	Page
PREPAID or COLLECT	Collect

QUANTITY	*DESCRIPTION*	*UNIT PRICE*	*AMOUNT*
4914.27	Gallons Disposal of F039 Water (VB5696) **Manifest#004308191JJK**	$0.32	$1,572.57
1	Load Transportation	$1,850.00	$1,850.00
1	Each Fuel surcharge (47%)	$869.50	$869.50
	Date of Shipment: 11/9/11		
	Generator: Conklin Limited **372 W. Hiawatha Blvd.** **Syracuse, NY 13202**		

"Demurrage and surcharges, if applicable, will be billed separately"

SUBTOTAL	$4,292.07
TAX (8%)	$343.37
FREIGHT	$0.00
PAY THIS AMOUNT	$4,635.44

Questions concerning this invoice?
Call: Amy Moser
(302)652-8999

MAKE ALL CHECKS PAYABLE TO:
Capitol Environmental Services, Inc.

THANK YOU FOR YOUR BUSINESS!

Appendix C

Leachate Collection Sump, Leak Detection Sump, and Groundwater Monitoring Well Data

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

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

Note:

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

Table C-2
Conklin Limited
Site #734048
Monitoring Data

DATE[1]	LCS-1 DEPTH TO WATER[2]	WATER ELEV[3]	LDS-1 DEPTH TO WATER	WATER ELEV	LCS-2 DEPTH TO WATER	WATER ELEV	LDS-2 DEPTH TO WATER	WATER ELEV	LCS-3 DEPTH TO WATER	WATER ELEV	LDS-3 DEPTH TO WATER	WATER ELEV	LCS-4 DEPTH TO WATER	WATER ELEV	LDS-4 DEPTH TO WATER	WATER ELEV	LCS-5 DEPTH TO WATER	WATER ELEV	LDS-5 DEPTH TO WATER	WATER ELEV
02/25/94	12.91	6.11	13.89	5.15	NM	NM	NM	NM	12.45	7.07	13.51	5.95	15.35	5.90	15.88	5.29	14.61	6.71	7.67	13.78
03/31/94	12.71	6.31	13.15	5.89	18.65	3.27	NM	NM	12.44	7.08	14.55	4.91	15.35	5.90	14.29	6.88	14.59	6.73	7.64	13.81
04/27/94	12.19	6.83	12.66	6.38	14.81	7.11	15.97	6.33	12.48	7.04	13.46	6.00	15.23	6.02	14.14	7.03	14.60	6.72	13.30	8.15
05/24/94	12.09	6.93	13.41	5.63	14.51	7.41	16.61	5.69	12.41	7.11	14.66	4.80	14.96	6.29	15.52	5.65	14.25	7.07	16.83	4.62
06/21/94	13.19	5.83	13.77	5.27	15.76	6.16	16.46	5.84	13.24	6.28	14.67	4.79	15.40	5.85	15.87	5.30	14.60	6.72	17.17	4.28
07/20/94	13.69	5.33	14.01	5.03	17.04	4.88	16.78	5.52	13.42	6.10	14.77	4.69	16.08	5.17	16.26	4.91	15.49	5.83	15.94	5.51
08/11/94	14.29	4.73	15.05	3.99	17.30	4.62	17.35	4.95	13.78	5.74	14.80	4.66	16.17	5.08	16.51	4.66	16.04	5.28	16.82	4.63
09/07/94	13.91	5.11	13.98	5.06	16.32	5.60	16.69	5.61	13.79	5.73	14.69	4.77	16.40	4.85	16.48	4.69	16.11	5.21	17.02	4.43
10/13/94	13.82	5.20	14.59	4.45	17.32	4.60	16.92	5.38	13.74	5.78	14.60	4.86	16.44	4.81	16.48	4.69	16.16	5.16	17.16	4.29
11/14/94	13.72	5.30	14.56	4.48	17.65	4.27	16.79	5.51	13.73	5.79	14.31	5.15	16.41	4.84	16.04	5.13	16.02	5.30	16.83	4.62
12/14/94	13.83	5.19	14.58	4.46	17.98	3.94	16.63	5.67	13.78	5.74	14.74	4.72	16.56	4.69	15.95	5.22	16.21	5.11	16.87	4.58
01/19/95	14.19	4.83	14.04	5.00	18.01	3.91	17.10	5.20	13.81	5.71	14.66	4.80	16.46	4.79	16.03	5.14	16.21	5.11	16.71	4.74
02/18/95	14.23	4.79	14.12	4.92	18.07	3.85	NM	NM	13.79	5.73	14.28	5.18	16.40	4.85	16.24	4.93	16.17	5.15	16.79	4.66
03/13/95	14.21	4.81	14.03	5.01	18.11	3.81	16.53	5.77	14.75	4.77	14.87	4.59	16.61	4.64	14.98	6.19	16.19	5.13	16.65	4.80
04/25/95	13.96	5.06	14.05	4.99	17.98	3.94	16.96	5.34	13.91	5.61	14.81	4.65	16.98	4.27	14.87	6.30	16.36	4.96	15.39	6.06
05/08/95	14.01	5.01	15.07	3.97	17.89	4.03	17.88	4.42	14.29	5.23	16.10	3.36	16.72	4.53	17.12	4.05	16.56	4.76	16.47	4.98
06/05/95	14.10	4.92	14.42	4.62	17.98	3.94	17.38	4.92	13.79	5.73	15.13	4.33	16.77	4.48	16.04	5.13	16.47	4.85	16.56	4.89
07/21/95	14.03	4.99	14.83	4.21	18.03	3.89	17.15	5.15	13.31	6.21	15.32	4.14	16.48	4.77	16.04	5.13	16.49	4.83	16.51	4.94
08/30/95	14.00	5.02	14.25	4.79	18.05	3.87	17.35	4.95	13.79	5.73	15.44	4.02	16.51	4.74	16.02	5.15	16.35	4.97	16.64	4.81
09/26/95	14.04	4.98	14.09	4.95	18.09	3.83	16.86	5.44	13.65	5.87	15.79	3.67	16.53	4.72	16.91	4.26	16.18	5.14	16.76	4.69
10/23/95	13.91	5.11	14.02	5.02	18.32	3.60	16.43	5.87	14.13	5.39	15.62	3.84	16.45	4.80	16.29	4.88	16.22	5.10	16.14	5.31
11/27/95	13.87	5.15	14.40	4.64	17.71	4.21	15.84	6.46	13.46	6.06	15.50	3.96	16.24	5.01	14.33	6.84	16.11	5.21	14.01	7.44
12/28/95	14.01	5.01	14.12	4.92	18.08	3.84	16.70	5.60	13.92	5.60	15.73	3.73	16.48	4.77	15.50	5.67	16.26	5.06	15.97	5.48
03/13/96	13.81	5.21	13.72	5.32	16.47	5.45	16.42	5.88	12.86	6.66	15.45	4.01	16.02	5.23	14.07	7.10	15.91	5.41	13.01	8.44
05/15/96	13.92	5.10	13.44	5.60	17.38	4.54	16.37	5.93	13.68	5.84	14.76	4.70	16.40	4.85	14.07	7.10	16.23	5.09	14.81	6.64
08/27/96	13.88	5.14	13.98	5.06	17.62	4.30	16.98	5.32	13.21	6.31	14.83	4.63	16.18	5.07	14.38	6.79	16.09	5.23	15.93	5.52
11/13/96	13.90	5.12	13.56	5.48	17.42	4.50	15.92	6.38	13.38	6.14	13.58	5.88	16.20	5.05	14.25	6.92	16.10	5.22	15.53	5.92
3/10/1997[4]	13.94	4.34	13.42	4.81	17.40	3.36	16.51	4.49	13.39	5.58	12.91	5.87	16.22	4.43	13.94	6.60	16.12	4.51	15.11	5.62
06/03/97	13.88	4.40	13.82	4.41	17.36	3.40	16.86	4.14	13.42	5.55	13.59	5.19	16.31	4.34	14.01	6.53	16.02	4.61	14.74	5.99
08/10/97	13.88	4.40	13.71	4.52	17.41	3.35	16.68	4.32	13.40	5.57	13.62	5.16	16.28	4.37	13.97	6.57	16.21	4.42	14.68	6.05
10/14/97	13.91	4.37	13.46	4.77	17.44	3.32	16.58	4.42	13.31	5.66	13.45	5.33	16.28	4.37	13.44	7.10	16.07	4.56	14.81	5.92
03/19/98	13.68	4.60	13.15	5.08	16.32	4.44	16.10	4.90	12.92	6.05	13.59	5.19	15.78	4.87	13.88	6.66	17.40	3.23	10.35	10.38
06/22/98	13.75	4.53	13.82	4.41	17.41	3.35	16.83	4.17	12.81	6.16	13.56	5.22	15.63	5.02	13.98	6.56	16.17	4.46	15.83	4.90
09/03/98	13.61	4.67	13.62	4.61	17.21	3.55	16.88	4.12	12.79	6.18	13.41	5.37	15.68	4.97	14.48	6.06	16.51	4.12	16.11	4.62
11/16/98	13.66	4.62	14.00	4.23	17.30	3.46	16.79	4.21	12.78	6.19	13.57	5.21	15.65	5.00	15.16	5.38	16.33	4.30	15.68	5.05
06/10/99	13.97	4.31	13.68	4.55	17.95	2.81	17.21	3.79	13.72	5.25	14.93	3.85	16.25	4.40	16.52	4.02	16.07	4.56	14.81	5.92
03/20/00	NM	NM	13.14	5.09	NM	NM	16.70	4.30	NM	NM	13.45	5.33	NM	NM	13.87	6.67	NM	NM	14.25	6.48
06/23/00	NM	NM	13.28	4.95	NM	NM	16.47	4.53	NM	NM	13.62	5.16	NM	NM	13.97	6.57	NM	NM	14.01	6.72
08/29/00	13.71	4.57	13.60	4.63	16.51	4.25	14.87	6.13	13.86	5.11	14.01	4.77	16.12	4.53	13.93	6.61	15.70	4.93	12.16	8.57
04/02/01	NM	NM	12.87	5.36	NM	NM	15.80	5.20	NM	NM	13.01	5.77	NM	NM	13.51	7.03	NM	NM	14.70	6.03
06/26/01	13.83	4.45	NM	NM	17.01	3.75	NM	NM	16.31	2.66	NM	NM	16.82	3.83	NM	NM	15.83	4.80	NM	NM
08/29/01	NM	NM	11.84	6.39	NM	NM	17.42	3.58	NM	NM	13.21	5.57	NM	NM	13.94	6.60	NM	NM	12.18	8.55
05/07/02	NM	NM	11.53	6.70	NM	NM	17.21	3.79	NM	NM	13.25	5.53	NM	NM	13.87	6.67	NM	NM	12.01	8.72
06/24/02	13.90	4.38	NM	NM	17.40	3.36	NM	NM	13.51	5.46	NM	NM	16.36	4.29	NM	NM	16.17	4.46	NM	NM
10/14/02	NM	NM	11.75	6.48	NM	NM	15.71	5.29	NM	NM	13.61	5.17	NM	NM	14.01	6.53	NM	NM	10.88	9.85
07/16/03	13.96	3.70	NM	NM	17.43	2.88	NM	NM	13.53	4.83	NM	NM	16.32	3.68	NM	NM	16.21	3.90	NM	NM
10/20/03	NM	NM	12.01	5.72	NM	NM	15.58	4.92	NM	NM	13.70	4.44	NM	NM	NM	NM	NM	NM	NM	NM
11/05/03	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM	14.63	5.23	NM	NM	11.21	8.94
6/15/2004	NM	NM	12.48	5.25	NM	NM	15.15	5.35	NM	NM	12.98	5.16	NM	NM	13.12	6.74	NM	NM	10.03	10.12
9/1/2004	14.25	3.41	NM	NM	17.03	3.28	NM	NM	13.61	4.75	NM	NM	16.12	3.88	NM	NM	16.30	3.81	NM	NM
10/27/2004	NM	NM	11.93	5.80	NM	NM	15.10	5.40	NM	NM	13.02	5.12	NM	NM	12.93	6.93	NM	NM	11.22	8.93
7/11/2005	14.31	3.35	12.02	5.71	17.18	3.13	15.52	4.98	13.80	4.56	13.33	4.81	16.48	3.52	12.81	7.05	16.11	4.00	10.91	9.24
8/24/2006	14.03	3.63	12.36	5.35	17.29	3.02	15.82	4.68	13.73	4.63	13.46	4.68	16.53	3.47	12.37	7.49	15.94	4.17	10.58	9.57
8/14/2007	14.13	3.53	NM	NM	17.22	3.09	NM	NM	13.68	4.68	NM	NM	16.61	3.39	NM	NM	15.87	4.24	NM	NM
9/26/2007	NM	NM	12.53	5.20	NM	NM	16.01	4.49	NM	NM	13.60	4.54	NM	NM	12.56	7.30	NM	NM	10.74	9.41
8/4/2008	14.12	3.54	NM	NM	17.36	2.95	NM	NM	13.68	4.68	NM	NM	16.44	3.56	NM	NM	15.88	4.23	NM	NM
8/25/2008	NM	NM	12.62	5.11	NM	NM	15.96	4.54	NM	NM	13.28	4.86	NM	NM	12.52	7.34	NM	NM	10.27	9.88
7/10/2009	14.28	3.38	NM	NM	17.87	2.44	NM	NM	13.81	4.55	NM	NM	16.80	3.20	NM	NM	15.78	4.33	NM	NM
9/10-11/09	NM	NM	12.34	5.39	NM	NM	15.77	4.73	NM	NM	13.47	4.67	NM	NM	12.38	7.48	NM	NM	10.48	9.67
9/9/2010	13.82	3.84	NM	NM	16.82	3.49	NM	NM	13.53	4.83	NM	NM	16.61	3.39	NM	NM	15.73	4.38	NM	NM
9/13/2010	NM	NM	13.51	4.22	NM	NM	16.26	4.24	NM	NM	13.17	4.97	NM	NM	14.85	5.01	NM	NM	13.85	6.30
7/13/2011	13.54	3.71	NM	NM	17.99	1.93	NM	NM	13.49	4.30	NM	NM	16.60	2.80	NM	NM	16.22	3.42	NM	NM
10/5/2011	NM	NM	12.57	4.68	NM	NM	15.53	4.56	NM	NM	17.63	0.00	NM	NM	11.51	7.86	NM	NM	13.11	6.44

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

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

DATE[1]	LCS-1 WATER LEVEL	LCS-2 WATER LEVEL	LCS-3 WATER LEVEL	LCS-4 WATER LEVEL	LCS-5 WATER LEVEL
2/25/1994	1.50	NM	1.95	2.05	2.12
3/31/1994	1.70	0.00	1.96	2.05	2.14
4/27/1994	2.22	3.84	1.92	2.17	2.13
5/24/1994	2.32	4.14	1.99	2.44	2.48
6/21/1994	1.22	2.89	1.16	2.00	2.13
7/20/1994	0.72	1.61	0.98	1.32	1.24
8/11/1994	0.12	1.35	0.62	1.23	0.69
9/7/1994	0.50	2.33	0.61	1.00	0.62
10/13/1994	0.59	1.33	0.66	0.96	0.57
11/14/1994	0.69	1.00	0.67	0.99	0.71
12/14/1994	0.58	0.67	0.62	0.84	0.52
01/19/95	0.22	0.64	0.59	0.94	0.52
2/18/1995	0.18	0.58	0.61	1.00	0.56
3/13/1995	0.20	0.54	-0.35	0.79	0.54
4/25/1995	0.45	0.67	0.49	0.42	0.37
5/8/1995	0.40	0.76	0.11	0.68	0.17
6/5/1995	0.31	0.67	0.61	0.63	0.26
7/21/1995	0.38	0.62	1.09	0.92	0.24
8/30/1995	0.41	0.60	0.61	0.89	0.38
9/26/1995	0.37	0.56	0.75	0.87	0.55
10/23/1995	0.50	0.33	0.27	0.95	0.51
11/27/1995	0.54	0.94	0.94	1.16	0.62
12/28/1995	0.40	0.57	0.48	0.92	0.47
3/13/1996	0.60	2.18	1.54	1.38	0.82
5/15/1996	0.49	1.27	0.72	1.00	0.50
8/27/1996	0.53	1.03	1.19	1.22	0.64
11/13/1996	0.51	1.23	1.02	1.20	0.63
3/10/1997	0.47	1.25	1.01	1.18	0.61
6/3/1997	0.53	1.29	0.98	1.09	0.71
8/10/1997	0.53	1.24	1.00	1.12	0.52
10/14/1997	0.50	1.21	1.09	1.12	0.66
3/19/1998	0.73	2.33	1.48	1.62	-0.67
6/22/1998	0.66	1.24	1.59	1.77	0.56
9/3/1998	0.80	1.44	1.61	1.72	0.22
11/16/1998	0.75	1.35	1.62	1.75	0.40
6/10/1999	0.44	0.70	0.68	1.15	0.66
3/20/2000	NM	NM	NM	NM	NM
6/23/2000	NM	NM	NM	NM	NM
8/29/2000	0.70	2.14	0.54	1.28	1.03
4/2/2001	NM	NM	NM	NM	NM
6/26/2001	0.58	1.64	-1.91	0.58	0.90
8/29/2001	NM	NM	NM	NM	NM
5/7/2002	NM	NM	NM	NM	NM
6/24/2002	0.51	1.25	0.89	1.04	0.56
10/14/2002	NM	NM	NM	NM	NM
7/16/2003	0.45	1.22	0.87	1.08	0.52
10/20/2003	NM	NM	NM	NM	NM
11/5/2003	NM	NM	NM	NM	NM
6/15/2004	NM	NM	NM	NM	NM
9/1/2004	0.16	1.62	0.79	1.28	0.43
10/27/2004	NM	NM	NM	NM	NM
7/11/2005	0.10	1.47	0.60	0.92	0.62
8/24/2006	0.38	1.36	0.67	0.87	0.79
8/14/2007	0.28	1.43	0.72	0.79	0.86
8/4/2008	0.29	1.29	0.72	0.96	0.85
7/10/2009	0.13	0.78	0.59	0.60	0.95
9/9/2010	0.59	1.83	0.87	0.79	1.00
7/13/2011	0.87	0.66	0.91	0.80	0.51

Notes:
NM = not measured on that date.
1. Date of leachate collection sump monitoring.
2. Data collected from 1997 through December 2002 reflect the 1997 survey information.
3. Data collected in 2003 through 2010 inclusive reflect the 2004 survey information.
4. Data collected in 2011 reflect the 2011 survey information.
5. 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

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

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

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

DATE[1]	MW-1 DEPTH TO WATER[2]	WATER ELEV[3]	MW-2 DEPTH TO WATER	WATER ELEV	MW-3 DEPTH TO WATER	WATER ELEV	MW-4 DEPTH TO WATER	WATER ELEV	MW-5 DEPTH TO WATER	WATER ELEV
2/25/1994	NM	NM	NM	NM	NM	NM	NM	NM		
3/31/1994	9.87	5.80	9.41	6.05	10.30	5.73	10.42	5.40		
4/28/1994	11.13	4.54	10.55	4.91	11.04	4.99	11.56	4.26		
5/30/1994	11.76	3.91	10.71	4.75	10.93	5.10	11.67	4.15		
6/7/1994	11.57	4.10	11.15	4.31	11.58	4.45	11.73	4.09		
7/12/1994	11.36	4.31	11.00	4.46	11.57	4.46	11.33	4.49		
8/31/1994	10.97	4.70	10.60	4.86	11.58	4.45	10.41	5.41		
9/1/1994	10.97	4.70	10.60	4.86	11.58	4.45	10.41	5.41		
10/11/1994	11.31	4.36	11.01	4.45	11.91	4.12	10.56	5.26		
11/7/1994	11.17	4.50	10.54	4.92	11.58	4.45	10.70	5.12		
12/7/1994	11.18	4.49	9.88	5.58	11.37	4.66	10.46	5.36		
01/13/95	10.96	4.71	10.52	4.94	11.41	4.62	10.64	5.18		
02/03/95	11.23	4.44	11.02	4.44	11.63	4.40	10.44	5.38		
03/13/95	10.93	4.74	10.15	5.31	10.93	5.10	10.28	5.54		
04/19/95	11.26	4.41	10.89	4.57	11.41	4.62	10.33	5.49		
05/08/95	11.46	4.21	11.21	4.25	11.66	4.37	10.32	5.50		
06/01/95	11.47	4.20	11	4.46	11.86	4.17	10.48	5.34		
7/5/1995	11.72	3.95	11.43	4.03	12.15	3.88	10.56	5.26		
8/10/1995	11.81	3.86	11.54	3.92	12.3	3.73	10.42	5.40		
09/25/95	11.78	3.89	11.52	3.94	12.22	3.81	10.46	5.36		
10/20/95	11.45	4.22	10.97	4.49	11.53	4.50	10.36	5.46		
11/17/95	11.39	4.28	10.88	4.58	11.48	4.55	10.39	5.43		
12/02/95	11.31	4.36	10.85	4.61	11.41	4.62	10.42	5.40		
3/20/1996	10.62	5.05	9.78	5.68	10.51	5.52	10.17	5.65		
5/8/1996	10.39	5.28	10.13	5.33	10.59	5.44	9.94	5.88		
8/21/1996	11.46	4.21	10.9	4.56	11.56	4.47	10.49	5.33		
11/5/1996	11.29	4.38	10.96	4.50	11.45	4.58	10.33	5.49		
3/10/1997[4]	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

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

Appendix D

Laboratory Analytical Results

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

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

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 601/602 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

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

	Sample Location and Date																																													
	3/31/1994		6/14/1994	5/27/1994	9/7/1994	8/11/1994	10/13/1994	10/12/1994	1/14/1995	1/17/1995	6/5/1995	6/5/1995	10/23/1995	10/31/1995	5/15/1996	5/29/1996	6/3/1997	6/26/1997	6/23/1998	6/25/1998	6/10/1999	9/28/1999	8/16/2000	8/29/2000	6/26/2001	8/30/2001	6/24/2002	10/14/2002	7/16/2003	10/20/2003	9/1/2004	10/20/2004	7/11/2005	10/31/2005	8/24/2006	10/23/2006	8/14/2007	9/26/2007	8/4/2008	8/25/2008	7/10/2009	9/10/2009	9/9/2010	9/13/2010	7/13/2011	10/5/2011
Compound	LCS-2	LDS-2*	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2	LCS-2	LDS-2
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	2824	177	1160	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	9.7	--	3230	985	--	--	--	--	--	591	--	1200	--	630	--	210	--	72	--	160	--	44	--	25	18	38	73	31	--	89	--	41	25	17	184	--	6.2	2.4	23	--	6.3	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	30	--	--	--	--	63	67	--	--	--	--	69	52	--	--	27	6.9	--	--	--	--	--	--	--	--
2-Butanone	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	164	--	--	--	--	--	--	--	--	--	200	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	23	--	584	442	398	169	230	239	168	156	64	--	150	120	15	--	52	71	257	250	186	115	221	50	95	48	290	--	25	170	140	180	112	50	132	5.2	34	24	57	18	61	42	6.9	8.4	16	9.6
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	4.9	--	114	225	260	115	175	125	--	80	30	30	32	45	7	32	17	7.2	22	10	14	--	20	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	1.8	--	--	--	--	--	--	--	--	--	--	130	--	--	--	43	--	--	20	--	8.5	--	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	68	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:
* = Not Sampled
1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 601/602 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

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

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

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 601/602 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

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

	Sample Location and Date																																													
Compound	LCS-4 3/31/1994	LDS-4 3/10/1994	LCS-4 6/14/1994	LDS-4 5/27/1994	LCS-4 9/7/1994	LDS-4 8/11/1994	LCS-4 10/13/1994	LDS-4 10/12/1994	LCS-4 1/14/1995	LDS-4 1/17/1995	LCS-4 6/5/1995	LDS-4 6/5/1995	LCS-4 10/23/1995	LDS-4 10/31/1995	LCS-4 5/15/1996	LDS-4 5/29/1996	LCS-4 6/3/1997	LDS-4 6/27/1997	LCS-4 6/22/1998	LDS-4 6/24/1998	LCS-4 6/10/1999	LDS-4 9/9/1999	LCS-4 8/16/2000	LDS-4 8/29/2000	LCS-4 6/26/2001	LDS-4 8/29/2001	LCS-4 6/24/2002	LDS-4 10/14/2002	LCS-4 7/16/2003	LDS-4 11/5/2003	LCS-4 9/1/2004	LDS-4 10/28/2004	LCS-4 7/11/2005	LDS-4 10/31/2005	LCS-4 8/24/2006	LDS-4 10/23/2006	LCS-4 8/14/2007	LDS-4 9/27/2007	LCS-4 8/4/2008	LDS-4 8/25/2008	LCS-4 7/10/2009	LDS-4 9/11/2009	LCS-4 9/9/2010	LDS-4 9/13/2010	LCS-4 7/13/2011	LDS-4 10/5/2011
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	2100	5081	143	2100	--	--	66	--	--	--	--	--	--	--	--	--	--	11	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trans-1,2-dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.0	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	65	--	--	--	--	76	68	--	32	--	--	10.5	--	--	--	--	--	--	39	--	--	--	--	--	--
Vinyl chloride	1330	451	3104	2570	--	--	--	--	--	1100	--	--	--	830	52	760	--	170	70	630	--	46	80	30	150	30	86	--	--	--	63	--	103	129	--	65	32	--	16	12	--	--	--	7.2	--	--
1,1-Dichloroethene	--	351	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	223	693	--	--	--	--	--	--	--	--	93	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	510	--	1302	639	1600	877	362	813	540	430	320	274	220	320	160	285	146	320	--	710	178	255	204	198	248	175	310	140	35	6.0	180	89	107	110	--	130	135	42	58	25	56	43	7.6	8.8	33	12
Chloroform	65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	70	68.5	191	177	285	--	130	279	--	104	49	45	60	52	16	43	21	14	18	--	14	5.5	34	--	--	--	--	--	--	--	13	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	--	--	--	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	21.5	--	--	--	--	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 601/602 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

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

Compound	Sample Location and Date																																							
	LCS-5 3/31/1994		LDS-5 3/10/1994		LCS-5 6/14/1994		LDS-5 5/27/1994		LCS-5 9/7/1994		LDS-5 8/11/1994		LCS-5 ########		LDS-5 ########		LCS-5 1/14/1995		LDS-5 1/17/1995		LCS-5 6/5/1995		LDS-5 6/5/1995		LCS-5 ########		LDS-5 ########		LCS-5 5/15/1996		LDS-5 5/29/1996		LCS-5 6/3/1997		LDS-5 6/27/1997		LCS-5 6/23/1998		LDS-5 6/25/1998	
Dichlorodifluoromethane	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	2100	45	1276	--	--	--	--	--	--	--	--	--	--	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Vinyl chloride	--	--	--	--	1417	49	--	--	--	--	--	--	--	--	--	--	19	--	--	--	--	920	--	20	--	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethene	--	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	142	5.1	--	--	--	--	--	--	--	--	120	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	21	--	440	23	1600	17	495	14	58	9.7	120	330	230	14	270	14	105	16	122	--	58	--	336	8.0	305	17	310	--	60	180	140	270	113	150	7.2	20	24	7	56	17
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2	--	--
1,1,1-Trichloroethane	--	--	94	3.9	282	--	125	--	7.9	1.2	26	--	60	--	28	--	21	--	12	--	12	--	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Trichloroethene	--	--	--	2.3	--	--	--	--	--	--	18	40	--	--	--	1.3	--	--	15	--	--	--	14	--	--	--	--	--	--	--	--	--	--	--	--	--	5.4	1.1	--	--
Toluene	--	--	35	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.0	--	--
Bromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	21	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	52	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Compound	Sample Location and Date																																							
	LCS-5 6/5/1995		LDS-5 6/5/1995		LCS-5 ########		LDS-5 ########		LCS-5 6/10/1999		LDS-5 9/9/1999		LCS-5 8/16/2000		LDS-5 8/29/2000		LCS-5 6/26/2001		LDS-5 8/29/2001		LCS-5 6/24/2002		LDS-5 ########		LCS-5 7/10/2003		LDS-5 11/5/2003		LCS-5 9/1/2004		LDS-5 ########		LCS-5 7/11/2005		LDS-5 ########		LCS-5 8/24/2006		LDS-5 ########	
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	75	--	--	--	58	--	--	--	--	--	38	--	--	--	--	--	29	--	--	--
Vinyl chloride	--	--	920	--	20	--	15	--	--	--	--	--	24	--	--	--	16	--	--	--	120	--	--	--	170	55	--	--	--	26	155	--	1.5	17	--	16	--	8.9	17	--	--
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Methylene chloride	--	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
1,1-Dichloroethane	120	330	230	14	270	14	105	16	122	--	58	--	336	8.0	305	17	310	--	60	180	140	270	113	150	7.2	20	24	7	56	17	58	59	6.7	9.4	69	--				
Chloroform	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	1.2	--	--	--	--	--	--	--	--	--	--	--	--
1,1,1-Trichloroethane	26	--	60	--	28	--	21	--	12	--	12	--	15	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.5	--
Trichloroethene	18	40	--	--	--	1.3	--	--	15	--	--	--	14	--	--	--	--	--	--	--	--	--	--	--	--	--	--	5.4	1.1	--	--	--	--	--	--	--	--	--	--	--
Toluene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	4.0	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	21	--	--	--	--	--	--	--	--	--
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--

Compound	Sample Location and Date																																							
	LCS-5 8/14/2007		LDS-5 9/27/2007		LCS-5 8/4/2008		LDS-5 8/25/2008		LCS-5 10/7/2009		LDS-5 9/11/2009		LCS-5 9/9/2010		LDS-5 9/13/2010		LCS-5 7/13/2011		LDS-5 10/5/2011																						
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--																				
Chloromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--																				
Chloroethane	29	--	--	--	--	--	--	--	--	37	--	--	--	--	--	--	--	--	--	--																				
Vinyl chloride	17	--	16	--	8.9	17	--	--	--	--	--	--	--	--	--	--	--	--	--	--																				
1,1-Dichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--																				
Methylene chloride	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--																				
1,1-Dichloroethane	24	7	56	17	58	59	6.7	9.4	69	--																														
Chloroform	--	1.2	--	--	--	--	--	--	--	--																														
1,1,1-Trichloroethane	--	--	--	--	--	--	--	--	--	5.5	--																														
Trichloroethene	5.4	1.1	--	--	--	--	--	--	--	--	--																														
Toluene	--	--	4.0	--	--	--	--	--	--	--	--																														
Bromomethane	--	--	--	--	--	--	--	--	--	--	--																														
Total Xylenes	--	--	--	--	--	--	--	--	--	--	--																														

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 601/602 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

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

	MW-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
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
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	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total Xylenes	–	–	–	–	–	–	–	–	–	5.5	–	–	–	–	–	–	–	–	–	–	–	–	–
M&P Xylene	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Vinyl Chloride	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

	MW-2																						
Compound	3/31/1994	6/7/1994	9/1/1994	10/11/1994	1/13/1995	5/31/1995	10/20/1995	5/16/1996	6/17/1997	6/16/1998	6/22/1999	8/9/2000	7/31/2001	7/17/2002	8/5/2003	8/23/2004	8/17/2005	9/11/2006	10/31/2007	10/11/2008	10/19/2009	9/10/2010	8/23/2011
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	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

	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
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	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

	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
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	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

	MW-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
Chloromethane	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1,1-Dichloroethene	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Trans-1,2-dichloroethene	1.0	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1,1-Dichloroethane	2.3	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Chloroform	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Trichloroethene	2.0	–	–	3.5	–	–	–	–	–	–	–	10	–	–	–
Chlorobenzene	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
1,4-Dichlorobenzene	–	–	–	1.1	–	–	–	–	–	–	–	–	–	–	–
Benzene	4.1	2.7	2.4	1.3	–	–	–	–	–	–	–	–	–	–	–
Toluene	–	–	–	1.0	–	–	–	–	–	–	–	–	–	–	–
2-Butanone	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–
Total Xylenes	–	4.9	–	–	–	–	–	–	–	–	–	–	–	–	–
M&P Xylene	–	–	–	–	–	–	–	–	1.5	–	–	–	–	–	–
Vinyl Chloride	–	–	–	–	–	–	–	–	–	–	–	–	–	–	–

Notes:

1. Results reported in micrograms per liter (ug/L)(ppb)
2. USEPA Method 601/602 performed by Certified Environmental Services, Inc.
3. -- = Constituent not detected above laboratory detection limits
4. Analytical results for compounds not reported above were below laboratory detection limits

Appendix E

Health and Safety at Hazardous Waste Operations Course Certification

CHURCHILL ENVIRONMENTAL, INC

Environmental, Health & Safety
Consultants

639 N. Salina St., Syracuse, NY 13208
Phone: 315-428-1959 Fax: 315-428-0432
www.churchillenvironmental.com

Stephen Kennedy

Has fully attended and satisfactorily completed all requirements
Covering the contents of this course

Health & Safety at Hazardous Waste Operations: Initial 40-Hour Training

The regulations of 29 CFR 1910.120
Conducted by Michael Murphy

This course is required by the Occupational Safety and Health Administration.

Michael Murphy
Instructor

Certificate Number: OSHA 40-Hr: 491-0228
Course Duration: 10/24/2011 – 10/28/2011
Course Expiration Date: 10/28/2012

Thomas M. Gallanni Jr.
Director of Environmental Training

CHURCHILL ENVIRONMENTAL, INC

Environmental, Health & Safety
Consultants

639 N. Salina St., Syracuse, NY 13208
Phone: 315-428-1959 Fax: 315-428-0432
www.churchillenvironmental.com

Roy Flanagan

Has fully attended and satisfactorily completed all requirements
Covering the contents of this course

Health & Safety at Hazardous Waste Operations: 8-Hour Annual Refresher Training

Including American Red Cross First Aid/CPR

The regulations of 29 CFR 1910.120
Performed by: Michael Murphy

This course is required by the Occupational Safety and Health Administration.

Michael Murphy
Instructor

Thomas M. Gallanni Sr.
Director of Environmental Training

Course Completion Date: 10/24/2011
Course Expiration Date: 10/24/2012
Certificate Number: OSHA 8-Hr - 0288

CHURCHILL ENVIRONMENTAL, INC

Environmental, Health & Safety
Consultants

639 N. Salina St., Syracuse, NY 13208
Phone: 315-428-1959 Fax: 315-428-0432
www.churchillenvironmental.com

Robert Kennedy

Has fully attended and satisfactorily completed all requirements
Covering the contents of this course

Health & Safety at Hazardous Waste Operations: Initial 40-Hour Training

The regulations of 29 CFR 1910.120
Conducted by Michael Murphy

This course is required by the Occupational Safety and Health Administration.

Instructor

Certificate Number: OSHA 40-Hr: 491-0241
Course Duration: 11/14/2011 – 11/18/2011
Course Expiration Date: 11/18/2012

Director of Environmental Training

CHURCHILL ENVIRONMENTAL, INC

Environmental, Health & Safety Consultants

639 N. Salina St., Syracuse, NY 13208
Phone: 315-428-1959 Fax: 315-428-0432
www.churchillenvironmental.com

Brandon Munger

Has fully attended and satisfactorily completed all requirements
Covering the contents of this course

Health & Safety at Hazardous Waste Operations: Initial 24-Hour Training

The regulations of 29 CFR 1910.120
Conducted by Michael Murphy

This course is required by the Occupational Safety and Health Administration.

Michael Murphy
Instructor

Certificate Number: OSHA 24-Hr: 791-0104
Course Duration: 10/24/2011 – 10/26/2011
Course Expiration Date: 10/26/2012

Thomas M. Gallanni Sr.
Director of Environmental Training

Appendix F

Form 1 – Leachate Collection Sump Field Logs

"LEACHATE COLLECTION SUMP FIELD LOG" FORM 1

OPERATION and MAINTENANCE MANUAL
CONTAINMENT STRUCTURE
CONKLIN LIMITED
SYRACUSE NEW YORK

DATE 7-13-11 INSPECTOR(S) R. Flanagan/M. Haywood

TIME 0800 - WEATHER Sunny 70's

LCS NO	RIM ELEVATION	DEPTH TO WATER (feet)	WATER ELEVATION	AIR (1) QUALITY (include units)	METER READING	SAMPLE TAKEN (yes) (no)	COMMENTS
LCS 1	17.25	13.54	3.71	LEL H2S O2 0 0 20.5		Yes	
LCS 2	19.92	17.99	1.93	LEL H2S O2 0 0 20.5		Yes	
LCS 3	17.79	13.49	4.30	LEL H2S O2 0 0 20.5		Yes	
LCS 4	19.40	16.60	2.80	LEL H2S O2 0 0 20.5		Yes	
LCS 5	19.64	16.22	3.42	LEL H2S O2 0 0 20.5		Yes	

COMMENTS:

(1) INSTRUMENT USED: Indust. Sci M-40

GROUND WATER SAMPLING FIELD LOG

Sample Location LCS Well No. 1

Sampled By R. Flanagan/M. Haywood Date 7-13-11 Time 0800

Weather Sunny 20's Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth: (below top of casing) 14.41 ft.

Well elevation: (top of casing) 17.25 ft

Depth to water table: (below top of casing) 13.54 ft.

Water table elevation: 3.71 ft

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color Clear Odor None Turbidity low

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 25 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Clear Odor None Turbidity low

Was an oil film or layer apparent? No

E. CONDUCTIVITY 4.86 ms/cm

F. pH 6.78

G. TEMPERATURE 24.2°C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location L.C.S. Well No. 2

Sampled By R. Flanagan/M. Haywood Date 7-13-11 Time 930

Weather Sunny 70's Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth: (below top of casing) 18.65 ft.

Well elevation: (top of casing) 19.92 ft

Depth to water table: (below top of casing) 17.99 ft.

Water table elevation: 1.93 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 None Turbidity low

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 30 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Clear Odor None Turbidity low

Was an oil film or layer apparent? No

E. CONDUCTIVITY 7.22

F. pH 6.93

G. TEMPERATURE 22.6°C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location LCS Well No. 3

Sampled By R. Flanagan/M Haywood Date 2-13-11 Time 10:30

Weather Sunny 70's Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 14.40 ft.

Well elevation:
(top of casing) 17.79 ft

Depth to water table:
(below top of casing) 13.49 ft.

Water table elevation: 4.30 ft

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color Clear Odor Slight Turbidity low

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 20 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Clear Odor None Turbidity low

Was an oil film or layer apparent? No

E. CONDUCTIVITY 11.45

F. pH 7.51

G. TEMPERATURE 21.4° C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location LCS Well No. 4

Sampled By R. Flanagan / M. Haywood Date 7-13-11 Time 11:45

Weather Sunny 90's Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 17.40 ft.

Well elevation:
(top of casing) 19.40 ft

Depth to water table:
(below top of casing) 16.6 ft.

Water table elevation: 2.80 ft

Length of water column (LWC) ____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = ____ gallons X 3
4" diameter wells = 0.653 X (LWC) = ____ gallons
6" diameter wells = 1.469 X (LWC) = ____ gallons

B. PHYSICAL APPEARANCE AT START:

Color Clear Odor Slight Turbidity low

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 50 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Clear Odor None Turbidity low

Was an oil film or layer apparent? No

E. CONDUCTIVITY 11.92 ms/cm

F. pH 6.96

G. TEMPERATURE 22.4 °C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location LCS Well No. 5

Sampled By R. Flanagan/M. Haywood Date 7-13-11 Time 1230

Weather Sunny 70's Sampled with Bailer ___ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 16.73 ft.

Well elevation:
(top of casing) 19.64 ft

Depth to water table:
(below top of casing) 16.22 ft.

Water table elevation: 3.42 ft

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color Clear Odor None Turbidity low

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 30 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Clear Odor None Turbidity low

Was an oil film or layer apparent? No

E. CONDUCTIVITY 7.96 ms/cm

F. pH 6.84

G. TEMPERATURE 22.1°C

H. WELL SAMPLING NOTES:

Appendix G

2011 Laboratory Analytical Results

G-1 LCS Analytical Reports

G-2 LDS Analytical Reports

G-3 MW Analytical Reports

CHAIN OF CUSTODY RECORD

CES
Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210
Phone: 315-478-2374 Fax: 315-478-2107

BATCH NO: C1621

Page ____ of ____

Turn-Around Time:
- ☐ Standard
- ☐ 1 Week
- ☐ 2 Work Days
- ☐ 3 Work Days
- ☐ 1 Work Day

Standard Turn Around Time is end of day, 10 work days after lab receipt. Samples received after 2 pm are considered next day business.

CLIENT NAME: Pyramid
ADDRESS:
PHONE: 466 6000
FAX:
CONTACT NAME:
PROJECT NUMBER/NAME:
PURCHASE ORDER NO:
Sampler Name: R. Flanagan Signature: Roy Flanagan

LAB USE ONLY CES Sample Numbers	Collected Date	Collected Time	TYPE Comp.	TYPE Grab	MATRIX Aqueous	MATRIX Soil	MATRIX Other	CLIENT ID/SAMPLE LOCATION	TOTAL NUMBER OF CONTAINERS	PARAMETERS FOR ANALYSIS: Total Hg
614763	7-13-11	0800		✓				Well #1	2	✓
614764	7-13-11	900		✓				Well #2	2	✓
614765	7-13-11	1080		✓				Well #3	2	✓
614766	7-13-11	1100		✓				Well #4	2	✓
614767	7-13-11	1230		✓				Well #5	2	✓

L.C.S. wells

SPECIAL REMARKS:

TOTAL NUMBER OF CONTAINERS

SAMPLES RELINQUISHED BY:	SAMPLES RECEIVED BY:	
NAME: R. Flanagan DATE: TIME:	NAME: Ryan Sheehan DATE: 7-14-11 TIME: 0912	Samples Received in Good Condition: ☑ Yes ☐ No
SIGNATURE: Roy Flanagan	SIGNATURE:	Temperature 5.0 °C
NAME: Ryan Sheehan DATE: 7-14-11 TIME: 1058	NAME: DATE: 7-14-11 TIME: 1056	
SIGNATURE:	SIGNATURE:	

White - CES's Copy • Canary - Return to Client With Report • Pink - Clients Initial Copy

CES Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: LCS Wells
DATE: 07/28/2011

SAMPLE NUMBER- 614763 SAMPLE ID- Well #1
DATE SAMPLED- 07/13/11
DATE RECEIVED- 07/14/11 SAMPLER- Roy Flanagan
TIME RECEIVED- 1058 DELIVERED BY- Ryan Sheehan

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

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		07/14/11		BLD	5.0	Degrees C
EPA 624 Volatiles	EPA 624	07/22/11		RRB		
Dichlorodifluoromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	07/22/11		RRB	< 13	ug/L
trans-1,2-Dichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	07/22/11		RRB	11	ug/L
2-Butanone (MEK)	EPA 624	07/22/11		RRB	< 13	ug/L
Chloroform	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Benzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 614763

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	07/22/11		RRB	< 13	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	07/22/11		RRB	< 13	ug/L
cis-1,3-Dichloropropene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Toluene	EPA 624	07/22/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	07/22/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

The analytical results on this sample are representative of the sample received by the Laboratory.

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Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: LCS Wells
DATE: 07/28/2011

SAMPLE NUMBER- 614764 SAMPLE ID- Well #2 SAMPLE MATRIX- WW
DATE SAMPLED- 07/13/11 TIME SAMPLED- 0800
DATE RECEIVED- 07/14/11 SAMPLER- Roy Flanagan RECEIVED BY- BLD
TIME RECEIVED- 1058 DELIVERED BY- Ryan Sheehan TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		07/14/11		BLD	5.0	Degrees C
EPA 624 Volatiles	EPA 624	07/25/11		RRB		
Dichlorodifluoromethane	EPA 624	07/25/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	07/25/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	07/25/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	07/25/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	07/25/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	07/25/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	07/25/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	07/25/11		RRB	< 13	ug/L
trans-1,2-Dichloroethene	EPA 624	07/25/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	07/25/11		RRB	16	ug/L
2-Butanone (MEK)	EPA 624	07/25/11		RRB	< 13	ug/L
Chloroform	EPA 624	07/25/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	07/25/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	07/25/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	07/25/11		RRB	< 5.0	ug/L
Benzene	EPA 624	07/25/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	07/25/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	07/25/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	07/25/11		RRB	< 5.0	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 614764

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	07/25/11		RRB	< 13	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	07/25/11		RRB	< 13	ug/L
cis-1,3-Dichloropropene	EPA 624	07/25/11		RRB	< 5.0	ug/L
Toluene	EPA 624	07/25/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	07/25/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	07/25/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	07/25/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	07/25/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	07/25/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	07/25/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	07/25/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	07/25/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	07/25/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	07/25/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	07/25/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	07/25/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	07/25/11		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

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Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: LCS Wells
DATE: 07/28/2011

SAMPLE NUMBER- 614765 SAMPLE ID- Well #3 SAMPLE MATRIX- WW
DATE SAMPLED- 07/13/11 TIME SAMPLED- 0800
DATE RECEIVED- 07/14/11 SAMPLER- Roy Flanagan RECEIVED BY- BLD
TIME RECEIVED- 1058 DELIVERED BY- Ryan Sheehan TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		07/14/11		BLD	5.0	Degrees C
EPA 624 Volatiles	EPA 624	07/22/11		RRB		
Dichlorodifluoromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	07/22/11		RRB	< 13	ug/L
trans-1,2-Dichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	07/22/11		RRB	37	ug/L
2-Butanone (MEK)	EPA 624	07/22/11		RRB	< 13	ug/L
Chloroform	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Benzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 614765

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	07/22/11		RRB	< 13	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	07/22/11		RRB	< 13	ug/L
cis-1,3-Dichloropropene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Toluene	EPA 624	07/22/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	07/22/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

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Certified Environmental Services, Inc.

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Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: LCS Wells
DATE: 07/28/2011

SAMPLE NUMBER- 614766 SAMPLE ID- Well #4 SAMPLE MATRIX- WW
DATE SAMPLED- 07/13/11 TIME SAMPLED- 0800
DATE RECEIVED- 07/14/11 SAMPLER- Roy Flanagan RECEIVED BY- BLD
TIME RECEIVED- 1058 DELIVERED BY- Ryan Sheehan TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		07/14/11		BLD	5.0	Degrees C
EPA 624 Volatiles	EPA 624	07/22/11		RRB		
Dichlorodifluoromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	07/22/11		RRB	< 13	ug/L
trans-1,2-Dichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	07/22/11		RRB	33	ug/L
2-Butanone (MEK)	EPA 624	07/22/11		RRB	< 13	ug/L
Chloroform	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Benzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 614766

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	07/22/11		RRB	< 13	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	07/22/11		RRB	< 13	ug/L
cis-1,3-Dichloropropene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Toluene	EPA 624	07/22/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	07/22/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

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Certified Environmental Services, Inc.

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REPORT OF ANALYSES

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

PROJECT NAME: LCS Wells
DATE: 07/28/2011

SAMPLE NUMBER- 614767 SAMPLE ID- Well #5 SAMPLE MATRIX- WW
DATE SAMPLED- 07/13/11 TIME SAMPLED- 0800
DATE RECEIVED- 07/14/11 SAMPLER- Roy Flanagan RECEIVED BY- BLD
TIME RECEIVED- 1058 DELIVERED BY- Ryan Sheehan TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		07/14/11		BLD	5.0	Degrees C
EPA 624 Volatiles	EPA 624	07/22/11		RRB		
Dichlorodifluoromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	07/22/11		RRB	< 13	ug/L
trans-1,2-Dichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	07/22/11		RRB	69	ug/L
2-Butanone (MEK)	EPA 624	07/22/11		RRB	< 13	ug/L
Chloroform	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	07/22/11		RRB	5.5	ug/L
Carbon Tetrachloride	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Benzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 614767

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	07/22/11		RRB	< 13	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	07/22/11		RRB	< 13	ug/L
cis-1,3-Dichloropropene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Toluene	EPA 624	07/22/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	07/22/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	07/22/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	07/22/11		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

The analytical results on this sample are representative of the sample received by the Laboratory.

CHAIN OF CUSTODY RECORD

CES
Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210
Phone: 315-478-2374 Fax: 315-478-2107

BATCH NO: 23897

Turn-Around Time:
- ☐ Standard
- ☐ 1 Week
- ☐ 72 Hours
- ☐ 48 Hours
- ☐ 24 Hours

Page ___ of ___

CLIENT NAME: Pyramid
ADDRESS:
PHONE: 466 6000
FAX:
CONTACT NAME:
PROJECT NUMBER/NAME:
PURCHASE ORDER NO:
Sampler's Name: R. Flanagan Signature: Roy Flanagan

LAB USE ONLY CES Sample Number	Collected Date	Collected Time	TYPE Comp.	TYPE Grab	MATRIX Aqueous	MATRIX Soil	MATRIX Other	CLIENT ID/SAMPLE LOCATION	TOTAL NUMBER OF CONTAINERS	PARAMETERS FOR ANALYSIS: 601/602 HCl
[redacted]	10-5-11	0800		✓				LD #5	2	✓
[redacted]	10-5-11	0900		✓				LD #3 LD #4	2	✓
[redacted]	10-5-11	1000		✓				LD #2	2	✓
[redacted]	10-6-11	0700		✓				LD #1	2	✓

LD wells

SPECIAL REMARKS:

TOTAL NUMBER OF CONTAINERS

SAMPLES RELINQUISHED BY:
NAME: R. Flanagan SIGNATURE: Roy Flanagan DATE: TIME:
NAME: Nicole Copeland SIGNATURE: Nicole Copeland DATE: 10/7/11 TIME: 1135

SAMPLES RECEIVED BY:
NAME: Nicole Copeland SIGNATURE: Nicole Copeland DATE: 10/7/11 TIME: 1015
NAME: [redacted] SIGNATURE: [redacted] DATE: 10-7-11 TIME: 1135

Samples Received in Good Condition: ☑ Yes ☐ No
Temperature 5.0 °C

White - CES's Copy • Canary - Return to Client With Report • Pink - Clients Initial Copy

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: L.D. Wells
DATE: 10/20/2011

SAMPLE NUMBER- 618687 SAMPLE ID- LD #1
DATE SAMPLED- 10/06/11
DATE RECEIVED- 10/07/11 SAMPLER- Roy Flanagan
TIME RECEIVED- 1135 DELIVERED BY- Nicole Copeland

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

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		10/07/11		RS	5.0	Degrees C
EPA 624 Volatiles	EPA 624	10/13/11		RRB		
Dichlorodifluoromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
2-Butanone (MEK)	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloroform	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Benzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 618687

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	10/13/11		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	10/13/11		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Toluene	EPA 624	10/13/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	10/13/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L

Volatile Surrogate Recovery:
Dibromofluoromethane - 94% (Limits 75-128%)
1,2-Dichloroethane-d4 - 68% (Limits 59-142%)
Toluene-d8 - 116% (Limits 63-133%)
4-Bromofluorobenzene - 127% (Limits 71-127%)

NYSDOH LAB ID NO. 11246

APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

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REPORT OF ANALYSES

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

PROJECT NAME: L.D. Wells
DATE: 10/20/2011

SAMPLE NUMBER- 618686 SAMPLE ID- LD #2
DATE SAMPLED- 10/05/11
DATE RECEIVED- 10/07/11 SAMPLER- Roy Flanagan
TIME RECEIVED- 1135 DELIVERED BY- Nicole Copeland

SAMPLE MATRIX- WW
TIME SAMPLED- 1000
RECEIVED BY- RS
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		10/07/11		RS	5.0	Degrees C
EPA 624 Volatiles	EPA 624	10/13/11		RRB		
Dichlorodifluoromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	10/13/11		RRB	9.6	ug/L
2-Butanone (MEK)	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloroform	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Benzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 618686

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	10/13/11		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	10/13/11		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Toluene	EPA 624	10/13/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	10/13/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L

Volatile Surrogate Recovery:
Dibromofluoromethane - 95% (Limits 75-128%)
1,2-Dichloroethane-d4 - 71% (Limits 59-142%)
Toluene-d8 - 115% (Limits 63-133%)
4-Bromofluorobenzene - 122% (Limits 71-127%)

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

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REPORT OF ANALYSES

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

PROJECT NAME: L.D. Wells
DATE: 10/20/2011

SAMPLE NUMBER- 618685 SAMPLE ID- LD #3
DATE SAMPLED- 10/05/11
DATE RECEIVED- 10/07/11 SAMPLER- Roy Flanagan
TIME RECEIVED- 1135 DELIVERED BY- Nicole Copeland

SAMPLE MATRIX- WW
TIME SAMPLED- 0900
RECEIVED BY- RS
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		10/07/11		RS	5.0	Degrees C
EPA 624 Volatiles	EPA 624	10/13/11		RRB		
Dichlorodifluoromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	10/13/11		RRB	12	ug/L
2-Butanone (MEK)	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloroform	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Benzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 618685

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	10/13/11		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	10/13/11		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Toluene	EPA 624	10/13/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	10/13/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L

Volatile Surrogate Recovery:
Dibromofluoromethane - 93% (Limits 75-128%)
1,2-Dichloroethane-d4 - 67% (Limits 59-142%)
Toluene-d8 - 119% (Limits 63-133%)
4-Bromofluorobenzene - 124% (Limits 71-127%)

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

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REPORT OF ANALYSES

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

DATE: 10/27/2011

PROJECT NAME: L.D. Wells

SAMPLE NUMBER- 618685 SAMPLE ID- LD #4
DATE SAMPLED- 10/05/11
DATE RECEIVED- 10/07/11 SAMPLER- Roy Flanagan
TIME RECEIVED- 1135 DELIVERED BY- Nicole Copeland

SAMPLE MATRIX- WW
TIME SAMPLED- 0900
RECEIVED BY- RS
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		10/07/11		RS	5.0	Degrees C
EPA 624 Volatiles	EPA 624	10/13/11		RRB		
Dichlorodifluoromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	10/13/11		RRB	12	ug/L
2-Butanone (MEK)	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chloroform	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Benzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 618685

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	10/13/11		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	10/13/11		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Toluene	EPA 624	10/13/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	10/13/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	10/13/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	10/13/11		RRB	< 5.0	ug/L

Note: Revised report for Sample ID. This report replaces the report issued on 10/20/2011.

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Certified Environmental Services, Inc.

1401 Erie Blvd. East
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REPORT OF ANALYSES

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

PROJECT NAME: L.D. Wells
DATE: 10/20/2011

SAMPLE NUMBER- 618684 SAMPLE ID- LD #5
DATE SAMPLED- 10/05/11
DATE RECEIVED- 10/07/11 SAMPLER- Roy Flanagan
TIME RECEIVED- 1135 DELIVERED BY- Nicole Copeland

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

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		10/07/11		RS	5.0	Degrees C
EPA 624 Volatiles	EPA 624	10/12/11		RRB		
Dichlorodifluoromethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	10/12/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	10/12/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	10/12/11		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene	EPA 624	10/12/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
2-Butanone (MEK)	EPA 624	10/12/11		RRB	< 5.0	ug/L
Chloroform	EPA 624	10/12/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	10/12/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
Benzene	EPA 624	10/12/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	10/12/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	10/12/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	10/12/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 618684

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	10/12/11		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	10/12/11		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	10/12/11		RRB	< 5.0	ug/L
Toluene	EPA 624	10/12/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	10/12/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	10/12/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	10/12/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	10/12/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	10/12/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	10/12/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	10/12/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	10/12/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	10/12/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	10/12/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	10/12/11		RRB	< 5.0	ug/L

Volatile Surrogate Recovery:
Dibromofluoromethane - 102% (Limits 75-128%)
1,2-Dichloroethane-d4 - 70% (Limits 59-142%)
Toluene-d8 - 114% (Limits 63-133%)
4-Bromofluorobenzene - 128% (Limits 71-127%)

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Barbara L. DuChene
Laboratory Manager

The analytical results on this sample are representative of the sample received by the Laboratory.

CHAIN OF CUSTODY RECORD

CES
Certified Environmental Services, Inc.
1401 Erie Blvd. East
Syracuse, NY 13210

Phone: 315-478-2374 Fax: 315-478-2107

BATCH NO: C224

Page ____ of ____

Turn-Around Time:
- ❑ Standard
- ❑ 1 Week
- ❑ 2 Work Days
- ❑ 3 Work Days
- ❑ 1 Work Day

Standard Turn Around Time is end of day, 10 work days after lab receipt. Samples received after 2 pm are considered next day business.

CLIENT NAME: Pyramid
ADDRESS:
PHONE: 466 6000
FAX:
CONTACT NAME:
PROJECT NUMBER/NAME:
PURCHASE ORDER NO:
Sampler Name: R. Flanagan Signature: Ros Flanagan

LAB USE ONLY CES Sample Numbers	Collected Date	Collected Time	TYPE Comp.	TYPE Grab	MATRIX Aqueous	MATRIX Soil	MATRIX Other	CLIENT ID/SAMPLE LOCATION (Leachate Monitoring Wells)	TOTAL NUMBER OF CONTAINERS	PARAMETERS FOR ANALYSIS 601/602 +III
616770	8-23-11	0730		✓				Well #5	2	✓
616771	8-23-11	0830		✓				Well #1	2	✓
616772	8-23-11	0930		✓				Well #2	2	✓
616773	8-23-11	1030		✓				Well #3	2	✓
616774	8-23-11	1130		✓				Well #4	2	✓

SPECIAL REMARKS:

TOTAL NUMBER OF CONTAINERS

SAMPLES RELINQUISHED BY:

NAME: R. Flanagan
SIGNATURE: Ros Flanagan
DATE:
TIME:

NAME: Ben Murphy
SIGNATURE: Ben Murphy
DATE: 8-24-11
TIME: 1015

SAMPLES RECEIVED BY:

NAME: Ben Murphy
SIGNATURE: Ben Murphy
DATE: 8-24-11
TIME: 09:5[illegible]

NAME: Ryan Shelton
SIGNATURE: Ryan Shelton
DATE: 8-24-11
TIME: 1015

Samples Received in Good Condition:
☒ Yes ❑ No
Temperature 4.4 °C

White - CES's Copy • Canary - Return to Client With Report • Pink - Clients Initial Copy

Certified Environmental Services, Inc.

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Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: Leachate Monitoring Wells
DATE: 09/13/2011

SAMPLE NUMBER- 616771 SAMPLE ID- Well #1
DATE SAMPLED- 08/23/11
DATE RECEIVED- 08/24/11 SAMPLER- Roy Flanagan
TIME RECEIVED- 1015 DELIVERED BY- Ben Murphy

SAMPLE MATRIX- WW
TIME SAMPLED- 0830
RECEIVED BY- RS
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		08/24/11		RS	4.4	Degrees C
EPA 624 Volatiles	EPA 624	09/06/11		RRB		
Dichlorodifluoromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
2-Butanone (MEK)	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloroform	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Benzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	09/06/11		RRB	7.6	ug/L
1,2-Dichloropropane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 616771

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/06/11		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/06/11		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Toluene	EPA 624	09/06/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/06/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L

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

Patrick A. Leone, Jr.
Laboratory Director

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

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Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: Leachate Monitoring Wells
DATE: 09/13/2011

SAMPLE NUMBER- 616772 SAMPLE ID- Well #2 SAMPLE MATRIX- WW
DATE SAMPLED- 08/23/11 TIME SAMPLED- 0930
DATE RECEIVED- 08/24/11 SAMPLER- Roy Flanagan RECEIVED BY- RS
TIME RECEIVED- 1015 DELIVERED BY- Ben Murphy TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		08/24/11		RS	4.4	Degrees C
EPA 624 Volatiles	EPA 624	09/06/11		RRB		
Dichlorodifluoromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
2-Butanone (MEK)	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloroform	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Benzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

CES Certified Environmental Services, Inc.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 616772

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/06/11		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/06/11		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Toluene	EPA 624	09/06/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/06/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.
Laboratory Director

The analytical results on this sample are representative of the sample received by the Laboratory.

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Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: Leachate Monitoring Wells
DATE: 09/13/2011

SAMPLE NUMBER- 616773 SAMPLE ID- Well #3
DATE SAMPLED- 08/23/11
DATE RECEIVED- 08/24/11 SAMPLER- Roy Flanagan
TIME RECEIVED- 1015 DELIVERED BY- Ben Murphy

SAMPLE MATRIX- WW
TIME SAMPLED- 1030
RECEIVED BY- RS
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		08/24/11		RS	4.4	Degrees C
EPA 624 Volatiles	EPA 624	09/06/11		RRB		
Dichlorodifluoromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
2-Butanone (MEK)	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloroform	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Benzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

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CONTINUATION OF DATA FOR SAMPLE NUMBER 616773

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/06/11		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/06/11		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Toluene	EPA 624	09/06/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/06/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.
Laboratory Director

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

1401 Erie Blvd. East
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Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: Leachate Monitoring Wells
DATE: 09/13/2011

SAMPLE NUMBER- 616774 SAMPLE ID- Well #4
DATE SAMPLED- 08/23/11
DATE RECEIVED- 08/24/11 SAMPLER- Roy Flanagan
TIME RECEIVED- 1015 DELIVERED BY- Ben Murphy

SAMPLE MATRIX- WW
TIME SAMPLED- 1130
RECEIVED BY- RS
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		08/24/11		RS	4.4	Degrees C
EPA 624 Volatiles	EPA 624	09/06/11		RRB		
Dichlorodifluoromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
2-Butanone (MEK)	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chloroform	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Benzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

1401 Erie Blvd. East
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CONTINUATION OF DATA FOR SAMPLE NUMBER 616774

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/06/11		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/06/11		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Toluene	EPA 624	09/06/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/06/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/06/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/06/11		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246 APPROVED BY:

(Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.
Laboratory Director

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

REPORT OF ANALYSES

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

PROJECT NAME: Leachate Monitoring Wells
DATE: 09/13/2011

SAMPLE NUMBER- 616770 SAMPLE ID- Well #5
DATE SAMPLED- 08/23/11
DATE RECEIVED- 08/24/11 SAMPLER- Roy Flanagan
TIME RECEIVED- 1015 DELIVERED BY- Ben Murphy

SAMPLE MATRIX- WW
TIME SAMPLED- 0730
RECEIVED BY- RS
TYPE SAMPLE- Grab

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
Sample Receipt Temperature		08/24/11		RS	4.4	Degrees C
EPA 624 Volatiles	EPA 624	09/02/11		RRB		
Dichlorodifluoromethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
Chloromethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
Vinyl Chloride	EPA 624	09/02/11		RRB	< 5.0	ug/L
Bromomethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
Chloroethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
Trichlorofluoromethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
1,1-Dichloroethene	EPA 624	09/02/11		RRB	< 5.0	ug/L
Methylene Chloride	EPA 624	09/02/11		RRB	< 5.0	ug/L
trans-1,2-Dichloroethene	EPA 624	09/02/11		RRB	< 5.0	ug/L
1,1-Dichloroethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
2-Butanone (MEK)	EPA 624	09/02/11		RRB	< 5.0	ug/L
Chloroform	EPA 624	09/02/11		RRB	< 5.0	ug/L
1,1,1-Trichloroethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
Carbon Tetrachloride	EPA 624	09/02/11		RRB	< 5.0	ug/L
1,2-Dichloroethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
Benzene	EPA 624	09/02/11		RRB	< 5.0	ug/L
Trichloroethene	EPA 624	09/02/11		RRB	< 5.0	ug/L
1,2-Dichloropropane	EPA 624	09/02/11		RRB	< 5.0	ug/L
Bromodichloromethane	EPA 624	09/02/11		RRB	< 5.0	ug/L

The analytical results on this sample are representative of the sample received by the Laboratory.

Certified Environmental Services, Inc.

1401 Erie Blvd. East
Syracuse, NY 13210
Phone 315-478-2374
Fax 315-478-2107

CONTINUATION OF DATA FOR SAMPLE NUMBER 616770

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/02/11		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/02/11		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/02/11		RRB	< 5.0	ug/L
Toluene	EPA 624	09/02/11		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/02/11		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/02/11		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/02/11		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/02/11		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/02/11		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/02/11		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/02/11		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/02/11		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/02/11		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/02/11		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/02/11		RRB	< 5.0	ug/L

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

Patrick A. Leone, Jr.
Laboratory Director

The analytical results on this sample are representative of the sample received by the Laboratory.

Appendix H

Form 2 – Leak Detection Sump Field Logs

LEAK DETECT FIELD LOG

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

DATE: 10-5-11 INSPECTOR(S): R. Flanagan M. Haywood

TIME: 0700 WEATHER: _____

L.D. NO	RIM ELEVATION	DEPTH TO WATER (FEET)	WATER ELEVATION	AIR(1) QUALITY (INCLUDE UNITS) LEL	AIR(1) QUALITY (INCLUDE UNITS) H_2S	METER READING	SAMPLE TAKEN (YES) (NO)	COMMENTS
1	17.25	12.57	4.68	0	0	O_2 20.5		150
2	20.09	15.53	4.56	0	0	20.5		100
3	17.63	—	—		—	—	—	—
4	19.37	11.51	7.86	0	0	20.5		250
5	19.55	13.11	6.44	0	0	20.5		150
					0			

COMMENTS: No Data was collected from well #3 Determined To be Dry

(1) INSTUMENT USED: _____

GROUND WATER SAMPLING FIELD LOG

Sample Location LD Well No. 1

Sampled By R. Flanagan M. Haywood Date 10-5-11 Time 0700

Weather _____ Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 15.35 ft.

Well elevation:
(top of casing) 17.25 ft

Depth to water table:
(below top of casing) 12.57 ft.

Water table elevation: 4.68 ft

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color Gray Odor Slight Turbidity high

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 150 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Gray Odor Slight Turbidity Mod.

Was an oil film or layer apparent? No

E. CONDUCTIVITY 30.2 ms/cm

F. pH 8.84

G. TEMPERATURE 16.1°C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location LD Well No. 2

Sampled By R. Flanagan M. Haywood Date 10-5-11 Time 0700

Weather _____ Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 19.86 ft.

Well elevation:
(top of casing) 20.09 ft

Depth to water table:
(below top of casing) 15.53 ft.

Water table elevation: 4.56 ft

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color Clear Odor Slight Turbidity low

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 100 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Clear Odor Slight Turbidity low

Was an oil film or layer apparent? No

E. CONDUCTIVITY 16.96 ms/cm

F. pH 7.40

G. TEMPERATURE 16.6 °C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location LD Well No. 3

Sampled By R. Flanagan M. Haywood Date 10-5-11 Time _____

Weather _____ Sampled with Bailer ____ Pump ____

A. WATER TABLE:

Well depth:
(below top of casing) _____ ft.

Well elevation:
(top of casing) _____ f

Depth to water table:
(below top of casing) _____ ft.

Water table elevation: _____ f

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color _____ Odor _____ Turbidity _____

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 _____ Odor _____ Turbidity _____

Was an oil film or layer apparent? _____

E. CONDUCTIVITY _____

F. pH _____

G. TEMPERATURE _____

H. WELL SAMPLING NOTES:

No sample or Data collected. Well was Determined To be Dry. Vac. Truck was used No water was recovered

GROUND WATER SAMPLING FIELD LOG

Sample Location LD Well No. 4

Sampled By R. Flanagan M. Haywood Date 10-5-11 Time 0700

Weather _____ Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 18.35 ft.

Well elevation:
(top of casing) 19.37 ft

Depth to water table:
(below top of casing) 11.51 ft.

Water table elevation: 7.86 ft

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color Clear Odor Slight Turbidity low

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 250 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Clear Odor Slight Turbidity low

Was an oil film or layer apparent? No

E. CONDUCTIVITY 10.68 ms/cm

F. pH 7.62

G. TEMPERATURE 16.2 °C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location LD Well No. 5

Sampled By R. Flanagan M. Haywood Date 10-5-11 Time 0700

Weather _____ Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 17.60 ft.

Well elevation:
(top of casing) 19.55 ft

Depth to water table:
(below top of casing) 13.11 ft.

Water table elevation: 6.44 ft

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color LT. GRAY Odor Slight Turbidity low

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 150 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Clear Odor None Turbidity low

Was an oil film or layer apparent? No

E. CONDUCTIVITY 28.4 ms/cm

F. pH 7.11

G. TEMPERATURE 17.1°C

H. WELL SAMPLING NOTES:

Appendix I

Form 3 – Groundwater Monitoring Well Field Logs

GROUND WATER MONITORING WELL FIELD LOG"

FORM 3

OPERATION and MAINTENANCE MANUAL
CONTAINMENT STRUCTURE
CONKLIN LIMITED
SYRACUSE NEW YORK

DATE 8-23-11 INSPECTOR(S) R. Flanagan / M. Haywood

TIME 0730 - 1130 WEATHER Sunny 70's

WELL NO	RIM ELEVATION	DEPTH TO WATER (feet)	WATER ELEVATION	DEPTH TO BOTTOM (feet)	SAMPLE TAKEN (yes) (no)	COMMENTS
MW-1	14.63	10.51	4.12	21.63	Yes	
MW-2	14.10	9.84	4.26	21.96	Yes	
MW-3	14.67	10.32	4.35	21.82	Yes	
MW-4	14.81	9.93	4.88	23.82	Yes	
MW-5	17.67	13.21	4.46	20.00	Yes	

COMMENTS:

GROUND WATER SAMPLING FIELD LOG

Sample Location Leachate Monitoring Well No. 1
Sampled By R. Flanagan/M. Haywood Date 8-23-11 Time 0830
Weather Sunny 70's Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 21.63 ft.

Well elevation:
(top of casing) 14.63 ft

Depth to water table:
(below top of casing) 10.51 ft.

Water table elevation: 4.12 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 None Turbidity low
Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 4 gallons.
Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Clear Odor None Turbidity low
Was an oil film or layer apparent? No

E. CONDUCTIVITY 5.86 ms/cm

F. pH 8.46

G. TEMPERATURE 15.8° c

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location Leachate Monitoring Well No. 2
Sampled By R. Flanagan / M. Haywood Date 8-23-11 Time 0930
Weather Sunny. 70's Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 21.96 ft.

Well elevation:
(top of casing) 14.10 ft

Depth to water table:
(below top of casing) 9.84 ft.

Water table elevation: 4.26 ft

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color LT. Gray Odor None Turbidity mod

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 5 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color LT. Gray Odor None Turbidity mod.

Was an oil film or layer apparent? No

E. CONDUCTIVITY 3.74 ms/cm

F. pH 7.91

G. TEMPERATURE 20.2 °c

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location Leachate Monitoring Well No. 3

Sampled By R. Flanagan / M. Haywood Date 8-23-11 Time 1030

Weather Sunny 70's Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 21.82 ft.

Well elevation:
(top of casing) 14.67 ft

Depth to water table:
(below top of casing) 10.32 ft.

Water table elevation: 4.35 ft

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color Gray Odor Slight Turbidity high

Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 5 gallons.

Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Gray Odor Slight Turbidity mod.

Was an oil film or layer apparent? No

E. CONDUCTIVITY 11.22 ms/cm

F. pH 7.53

G. TEMPERATURE 20.2 °C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location Leachate Monitoring Well No. 4
Sampled By R. Flanagan/M. Haywood Date 8-23-11 Time 1130
Weather Sunny. 70's Sampled with Bailer ____ Pump ✓

A. WATER TABLE:

Well depth:
(below top of casing) 23.82 ft.

Well elevation:
(top of casing) 14.81 ft

Depth to water table:
(below top of casing) 9.93 ft.

Water table elevation: 4.88 ft

Length of water column (LWC) _____ ft.

Volume of water in well:

2" diameter wells = 0.163 x (LWC) = _____ gallons X 3
4" diameter wells = 0.653 X (LWC) = _____ gallons
6" diameter wells = 1.469 X (LWC) = _____ gallons

B. PHYSICAL APPEARANCE AT START:

Color Lt. Gray Odor None Turbidity low
Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 4 gallons.
Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color Clear Odor None Turbidity low
Was an oil film or layer apparent? No

E. CONDUCTIVITY 9.70 ms/cm

F. pH 6.97

G. TEMPERATURE 21.3°C

H. WELL SAMPLING NOTES:

GROUND WATER SAMPLING FIELD LOG

Sample Location Leachate Monitoring Well Well No. 5
Sampled By R. Flanagan/M. Haywood Date 8-23-11 Time 0730
Weather Sunny 70's Sampled with Bailer ✓ Pump ____

A. WATER TABLE:

Well depth:
(below top of casing) 20.00 ft.

Well elevation:
(top of casing) ________ ft

Depth to water table:
(below top of casing) 13.21 ft.

Water table elevation: ________ 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 LT. orange Odor Slight Turbidity mod.
Was an oil film or layer apparent? No

C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling 5 gallons.
Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color LT. orange Odor Slight Turbidity mod.
Was an oil film or layer apparent? No

E. CONDUCTIVITY 7.52 ms/cm

F. pH 6.81

G. TEMPERATURE 17° c

H. WELL SAMPLING NOTES:

Appendix J

Form 4 – Site Observation Form

SITE OBSERVATION FORM **FORM 4**

OPERATION and MAINTENANCE MANUAL
CONTAINMENT STRUCTURE
CONKLIN LIMITED
SYRACUSE NEW YORK

DATE: 9-23-11 **INSPECTOR(S):** R. Flanagan
TIME: 1000 **WEATHER:** Cloudy 60's

1.) **VISUAL INSPECTION OF PAVEMENT**

Area is intact

2.) **VISUAL INSPECTION OF LANDSCAPE AREAS**

No sink holes

3.) **MAINTENANCE PERFORMED OVER CONTAINMENT AREA**

None

4.) **COMMENTS**

Appendix K

Form 5 - Storm Drainage Facilities Report

STORM DRAINAGE FACILITIES REPORT

FORM 5

OPERATION and MAINTENANCE MANUAL
CONTAINMENT STRUCTURE
CONKLIN LIMITED
SYRACUSE NEW YORK

DATE 10-10-11 / 10-11-11 INSPECTOR(S) R. Flaugher

TIME 0800-1000 / 0900-1100 WEATHER Sunny 60's

CATCH BASIN NO.	FLOW CONDITION (inches)	DEPTH OF SEDIMENT (inches)	ODORS NOTED (describe)	COMMENTS
63	1 1/2	2 1/2	None	
64	1	2	None	
65	—	2 1/2	None	
66	2 1/2	2	None	
67a	1	2	None	
67	1	2 1/2	None	
69	3/4	1	None	
70	—	—	—	Eliminated
71	1	1	None	
72	1 1/2	2 1/2	None	
73	1	1 1/2	None	
74	1 1/2	2 1/2	None	
75	1/2	1 3/4	None	

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