

**PERIODIC REVIEW REPORT**

# **Containment Structure Site #734048**

**Conklin Limited  
Syracuse, New York**

April 2011

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**Syracuse, New York**

Prepared for: Conklin Limited

## TABLE OF CONTENTS

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

8. References.....	16
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## LIST OF TABLES

---

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

## LIST OF FIGURES

---

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

## LIST OF APPENDICES

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A	Institutional and Engineering Controls Certification Form
B	Uniform Hazardous Waste Manifests
C	Leachate Collection Sump, Leak Detection Sump, and Groundwater Monitoring Well Data
C-1	LCS and LDS As-built Data
C-2	Monitoring Data (LCSs and LDSs)
C-3	Depth of Water in LCSs
C-4	MW As-built Data
C-5	MW Monitoring Data
D	Laboratory Analytical Results
D-1	LCS-1 and LDS-1 Water Quality Data
D-2	LCS-2 and LDS-2 Water Quality Data
D-3	LCS-3 and LDS-3 Water Quality Data
D-4	LCS-4 and LDS-4 Water Quality Data
D-5	LCS-5 and LDS-5 Water Quality Data
D-6	MW-1 through MW-5 Water Quality Data
E	Health and Safety at Hazardous Waste Operations Course Certification
F	Form 1 – Leachate Collection Sump Field Logs
G	2010 Laboratory Analytical Reports
G-1	LCS Analytical Reports
G-2	LDS Analytical Reports
G-3	MW Analytical Reports
H	Form 2 – Leak Detection Sump Field Logs
I	Form 3 – Groundwater Monitoring Well Field Logs
J	Form 4 – Site Observation Form
K	Form 5 – 2010 Storm Drainage Facilities Report

## 1. INTRODUCTION

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This 2010 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 2010 and includes data since 1994. The report was prepared as requested by the NYSDEC in correspondence dated November 23, 2009 (NYSDEC 2009), as modified in discussions with NYSDEC, and in substantive conformance with the NYSDEC-approved Operation and Maintenance (O&M) Manual (O'Brien & Gere 1994). The first annual PRR summarizing the monitoring activities from 2009 was submitted to the NYSDEC in March 2010. 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. The water level in LCS-2 was 1.83 ft, which is in excess of the corrective action level of 1.5 ft specified in the Response Action Plan (RAP) (O'Brien & Gere 1998). 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.

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 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 19<sup>th</sup> 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 20<sup>th</sup> 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 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 NYSDEC. The Supplemental Remedial Investigation was accepted and approved by NYSDEC on January 14, 1991. The IRM Report was accepted and approved by NYSDEC on March 14, 1991. The Feasibility Study was submitted to 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. 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 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

A LDS (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.



### 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 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. Air quality, measured in terms of Lower Explosive Limit (LEL), hydrogen sulfide (H<sub>2</sub>S), and oxygen content (O<sub>2</sub>), has been within acceptable levels within the LCS and LDS access points.
6. The measured water levels and sample analytical results from the LCSs, LDSs, and MWs do not prompt corrective action per the RAP. 1. With the exception of LCS-2, the measured water levels from the LCSs, LDSs, and monitoring wells do not prompt corrective action per the RAP. The 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, the field representative checked the pump and reported that the unit was receiving power and that the switch and pump were operating properly.

#### 3.2 RECOMMENDATIONS

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

#### 4. IC/EC PLAN COMPLIANCE REPORT

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

## 5. MONITORING PLAN COMPLIANCE REPORT

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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 2010. 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 16-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 2009 have been submitted in past years in accordance with the O&M Manual. The Leachate Collection Sump Field Logs (Form 1) for the 2010 monitoring year are included as Appendix F.

### 6.1.2 LCS Water Measurements

Leachate was observed each year in the LCSs. Table C-1 in Appendix C includes the rim and invert elevations for the individual LCSs. For the years 1999 through 2010, rim and invert elevations reflect information obtained by surveys performed by C.T. Male Associates (C.T. Male) on July 21, 1997 and April 1, 2004. 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. 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.

Leachate levels have been less than corrective action levels in each LCS since 1994, indicating that the leachate collection system continues to function appropriately. As shown in Table C-3, with the exception of LCS-2, the measured water levels from the LCSs for 2010 do not prompt corrective action per the RAP. The 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<sub>2</sub>S and O<sub>2</sub> 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<sub>2</sub>S readings of 0%
- O<sub>2</sub> levels at or near 20.5%

### 6.1.4 LCS Sampling and Laboratory Analysis

Samples were collected pursuant of 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 2010, 1,1-dichloroethane was the only constituent detected in the LCSs with the lowest concentrations reported since 1994 in LCS-1, LCS-2, LCS-3, and LCS-5. The concentration in LCS-4 was the lowest reported since 2006. Laboratory reports from 1994 through 2009 have been submitted in past years in accordance with the O&M Manual. Laboratory reports for the 2010 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 <sup>1</sup>	
Period 2/94 to 6/94 <sup>2</sup>	20,000	
Period 7/94 to 9/94	23,903	
Period 10/94 to 12/94	10,000	53,900 (1994)
Period 1/95	1,601	

Dates	Leachate Collected (Gallons)	Annual Recovery (year) (gallons)
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)
<sup>(1)</sup> Estimated based on review of available records		
<sup>(2)</sup> 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 either Cecos International in Niagara Falls, New York or Vickery Environmental, Inc. in Vickery, Ohio. Hazardous Waste Manifests for the leachate transportation from the 2010 monitoring period are included as Appendix B. Hazardous Waste Manifests from 1994 through 2009 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 2009 have been submitted in past years in accordance with the O&M Manual. The Leak Detection Sump Field Logs (Form 2) for the 2010 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. 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 2010 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<sub>2</sub>S and O<sub>2</sub> for health and safety and reporting purposes. From 1994 through 2010, measurements near the access cover to the sump have consistently been as follows:

- LEL readings of 0%
- H<sub>2</sub>S readings of 0%
- O<sub>2</sub> 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 2010, 1,1 dichloroethane was detected in all five LDSs and vinyl chloride was detected in LDS-4 at concentrations consistent with historical data. Laboratory reports from the 1994 through 2009 sampling events have been submitted in past years in accordance with the O&M Manual. Laboratory reports for the 2010 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 2010 are indicated in Table 6-2.

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

Date (Month/Year)	LDS-1	LDS-2	LDS-3	LDS-4	LDS-5	TOTAL
4/94	610	1240	720	1575	1670	6815
5/94	1290	930	265	1075	295	3855
6/94	600	575	85	800	160	2220
7/94	600	750	200	500	645	2695
8/94	75	400	200	400	227	1320
9/94	390	800	230	500	180	2100
10/94	125	500	200	350	125	1300
11/94	100	600	250	400	150	1500
12/94	100	800	250	575	125	1850
1/95	125	600	200	550	160	1635
2/95	250	NM	250	525	190	1215
3/95	200	400	1150	900	125	1775
4/95	400	600	175	925	700	2800
5/95	100	500	100	450	200	1350
6/95	200	500	100	500	300	1600
7/95	125	600	100	200	250	1275
8/95	220	800	50	75	230	1375
9/95	190	300	40	400	300	1230
10/95	450	950	50	400	500	2350
11/95	200	1000	50	800	600	2650
12/95	250	800	50	600	500	2200
3/96	650	975	75	1200	1200	4100
5/96	800	1000	175	1200	1000	4175
9/96	400	700	150	1100	550	2900
11/96	800	1000	600	1050	800	4250
3/97	800	850	800	1000	900	4350

Date (Month/Year)	LDS-1	LDS-2	LDS-3	LDS-4	LDS-5	TOTAL
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			1580
11/03				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

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 Cecos International in Niagara Falls, New York or to Vickery Environmental, Inc. in Vickery, Ohio by Page Transportation Company. Uniform Hazardous Waste Manifest forms for 2010 are included in Appendix B. Hazardous Waste Manifests from 1994 through 2009 have been submitted in past years in accordance with the O&M Manual.

## 6.3 GROUNDWATER MONITORING SYSTEM

### 6.3.1 Groundwater Monitoring

MWs 1 through 5 were surveyed by C.T. Male on July 21, 1997 and April 1, 2004. Rim elevations for 1997 and 2004 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 2010 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 decreasing groundwater elevation trend reported in MW-1 and MW-2 reported in the 2009 PRR has been interrupted with modest elevation increases in 2010 (Figure 3). The data for MW-5 indicates a continued increasing groundwater elevation trend since its construction in 1997 (Figure 3), with no apparent trends in MW-3 and MW-4 (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 2010, no constituents were detected in any of the 5 MWs, except for MW-1. In MW-1, there was a single detection of trichloroethene (7.5µg/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 2009 sampling events have been submitted in past years in accordance with the O&M Manual. Laboratory reports for 2010 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 2010 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 is 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 2009 have been submitted in past years in accordance with the O&M Manual. A copy of the Storm Drainage Facilities Report for 2010 is included in Appendix K.

In 2010, pipelines were noted to be clear of sediment and no system problems were noted. Various amounts 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 2010 data.

1. Total manifested volume of leachate from LCSs and LDSs = 12,390 gal
2. Total LDS volume = 950 gal (measured)
3. Total LCS volume = 11,440 gal (calculated)
4. The pH recorded in MW-1 was 8.63, continuing a downward trend. The pH was 8.97 in 2009, 9.14 in 2008, 9.21 in 2007, 9.43 in 2006, and 9.72 in 2005.
5. Trichloroethene was detected in MW-1 (7.5 ug/L). No compounds were detected above detection limits in MW-2, MW-3, MW-4, and MW-5.
6. 1,1-Dichloroethane was the only constituent detected in LCS-1, LDS-1, LCS-2, LDS-2, LCS-3, LDS-3, LCS-4, LCS-5, and LDS-5 and was detected at the lowest concentrations ever in LCS-1, LCS-2, LCS-3, and LCS-5. The concentrations in the other LCS and LDS samples were consistent with historical data.
7. A total of only three constituents were detected in the LCSs, LDSs, and MWs: 1,1-dichloroethane, vinyl chloride, and trichloroethene.
8. No constituents have been detected in MW-3 since 1996.
9. No constituents have been detected in MW-2 or MW-4 since 2006.

The following conclusions are based on Site activities from 1994 through 2010.

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. With the exception of LCS-2, the measured water levels from the LCSs, LDSs, and MWs do not prompt corrective action per the RAP. The water level in LCS-2 was 1.83 ft, which is 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.
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 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<sub>2</sub>, and H<sub>2</sub>S, has been within acceptable levels within the LCSs and LDS access points.

The following recommendations are based on Site activities from 1994 through 2010.

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. Since the last elevation survey was conducted April 1, 2004, it is recommended that a new survey be scheduled for 2011.

Data should be submitted to the NYSDEC on an annual basis per the O&M Manual.

## 7. OVERALL PRP CONCLUSIONS AND RECOMMENDATIONS

---

Conklin Limited has completed Year 17 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.

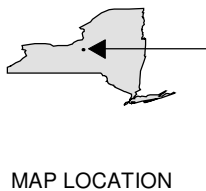
O'Brien & Gere. 1998. *Response Action Plan Containment Structure Site 734048*. Prepared for Conklin Limited, Syracuse, New York. October 1998.

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

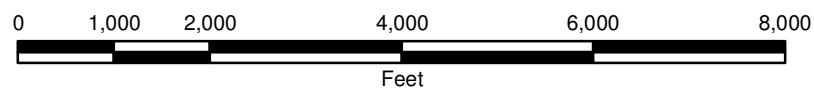




ADAPTED FROM: SYRACUSE WEST USGS QUADRANGLE



CONKLIN LIMITED  
SITE #734048  
CONTAINMENT STRUCTURE  
2010 PERIODIC REVIEW REPORT  
**SITE LOCATION**





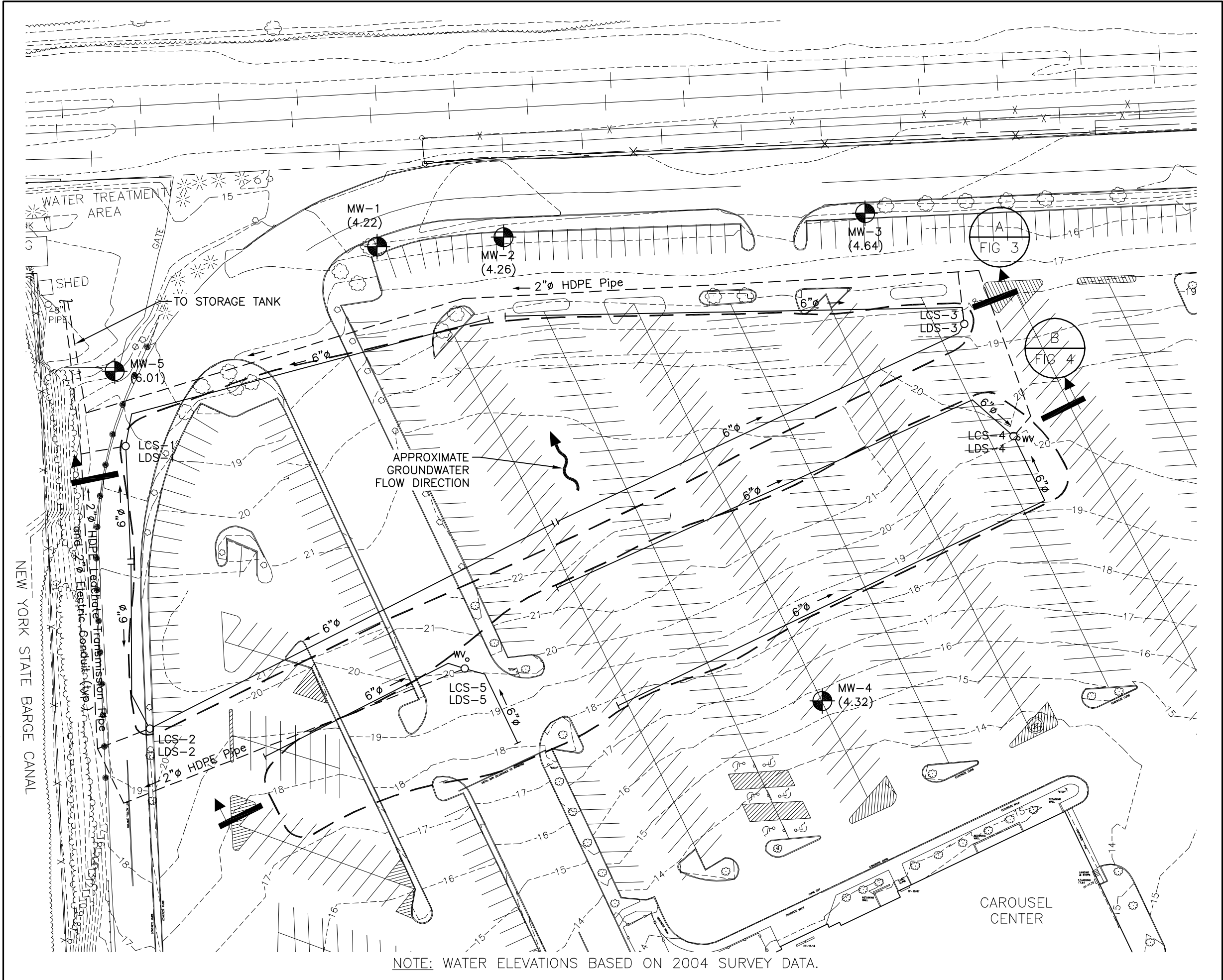
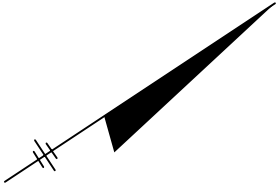


FIGURE 2



LEGEND

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

CONKLIN LIMITED  
SITE #734048  
CONTAINMENT STRUCTURE  
2010 PERIODIC REVIEW REPORT

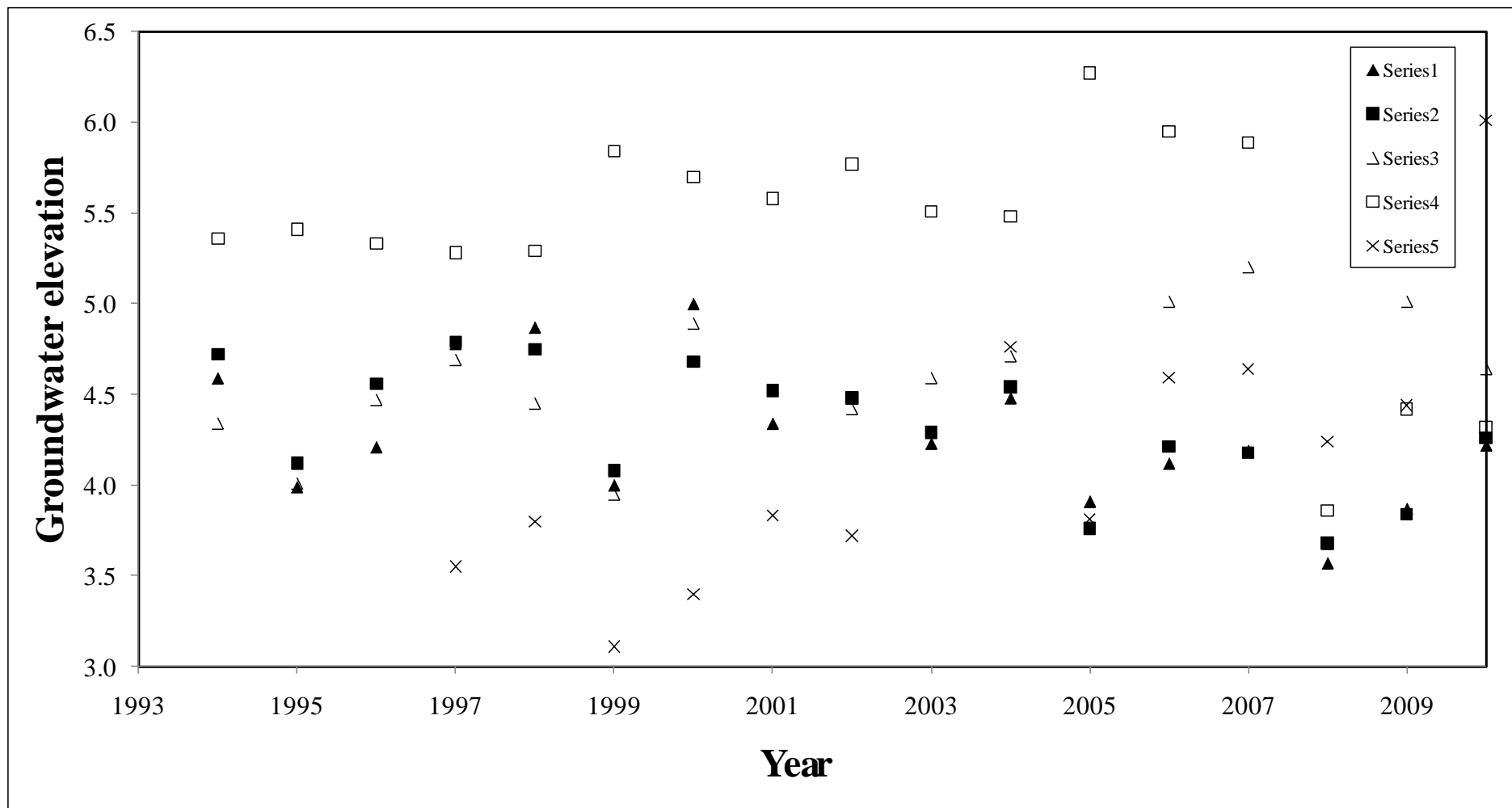
GENERAL SITE PLAN



6443.37514-FIG2  
FEBRUARY 2011



FIGURE 3



CONKLIN LIMITED  
 SITE #734048  
 CONTAINMENT STRUCTURE  
 2010s 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
<b>Site No.</b> 734048	
<b>Site Name</b> 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, 2010 to January 07, 2011	

Verification of Site Details	Box 2	
	YES	NO
1. Is the information in Box 1 correct?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If NO, are changes handwritten above or included on a separate sheet?	<input checked="" type="checkbox"/>	
2. Has some or all of the site property been sold, subdivided, merged, or undergone a tax map amendment during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If YES, is documentation or evidence that documentation has been previously submitted included with this certification?	<input type="checkbox"/>	
3. Have any federal, state, and/or local permits (e.g., building, discharge) been issued for or at the property during this Reporting Period?	<input type="checkbox"/>	<input checked="" type="checkbox"/>
If YES, is documentation (or evidence that documentation has been previously submitted) included with this certification?	<input type="checkbox"/>	
4. If use of the site is restricted, is the current use of the site consistent with those restrictions?	N/A <input type="checkbox"/>	<input type="checkbox"/>
If NO, is an explanation included with this certification?	<input type="checkbox"/>	
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 <input type="checkbox"/>	<input type="checkbox"/>
If YES, is the new information or evidence that new information has been previously submitted included with this Certification?	<input type="checkbox"/>	
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 <input type="checkbox"/>	<input type="checkbox"/>

**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.

**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.

☒ ☐

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 SCHOENCK at CAROUSEL CENTER  
print name print business address  
9090 CAROUSEL CENTER SYRACUSE, NY

am certifying as GENERAL MANAGER (Owner or Remedial Party)

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

Robert Schoenck  
Signature of Owner or Remedial Party Rendering Certification

APRIL 5, 2011  
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 Cary D. Cannarella at O'Brien & Gere 333 W. Washington St. Syracuse NY 13221-4873  
print name print business address

am certifying as a Qualified Environmental Professional for the CONKLIN Limited

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

Cary D. Cannarella  
Signature of Qualified Environmental Professional, for  
the Owner or Remedial Party, Rendering Certification

Stamp (If Required)

4/11/11  
Date

*Appendix B*  
*Uniform Hazardous Waste*  
*Manifests*

389718

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

Form Approved. OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NYD 986 870 668</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>302 652-8000</b>	4. Manifest Tracking Number <b>004308186 JJK</b>	
5. Generator's Name and Mailing Address <b>Corbin Limited</b> <b>3080 Carousal Center, Syracuse, NY 13290</b> Generator's Phone: <b>315 465-0000</b>			Generator's Site Address (if different than mailing address) <b>372 Hawatha Blvd,</b> <b>Syracuse, NY 13202</b>			
6. Transporter 1 Company Name <b>Page ETC, Inc.</b>			U.S. EPA ID Number <b>NYD 986 858 847</b>			
7. Transporter 2 Company Name			U.S. EPA ID Number			
8. Designated Facility Name and Site Address <b>Vickery Environmental, Inc.</b> <b>3956 State Route 412, Vickery, OH 43464</b> Facility's Phone: <b>419 547-7791</b>			U.S. EPA ID Number <b>OH0020 275 819</b>			
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No. Type		11. Total Quantity	12. Unit Wt/Vol
	X	1. <b>RQ, NA3082 Hazardous Waste, Liquid, N.O.S., 9, III (Xylene, Naphthalene)</b>		<b>TT</b>	<b>4000</b> <b>EST.</b>	<b>G</b>
		2. <b>Residue Last Contained</b>				
		3.				
		4.				
13. Waste Codes <b>P039</b>						
14. Special Handling Instructions and Additional Information <b>1: VB6006 ERG171</b> <b>SR# 930659</b> <b>Job# WLM-MECH</b>						
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/Officer's Printed/Typed Name <b>Roy Thompson</b>		Signature <i>Roy Thompson</i>		Month Day Year <b>05/19/10</b>		
16. International Shipments <input type="checkbox"/> Import to U.S.		<input type="checkbox"/> Export from U.S.		Port of entry/exit: Date leaving U.S.:		
17. Transporter Acknowledgment of Receipt of Materials						
Transporter 1 Printed/Typed Name <b>Gregory Gaudin</b>		Signature <i>Gregory Gaudin</i>		Month Day Year <b>05/19/10</b>		
Transporter 2 Printed/Typed Name		Signature		Month Day Year		
18. Discrepancy						
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection						
18b. Alternate Facility (or Generator) Manifest Reference Number: 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. <b>H134</b>		2.		3.		4.
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 <b>Lane Smith</b>		Signature <i>Lane Smith</i>		Month Day Year <b>05/20/10</b>		

**Capitol Environmental Services, Inc.**

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

**RECEIVED**

JUN 02 2010

**INVOICE****SOLD TO:**

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

Per \_\_\_\_\_

INVOICE NUMBER

WILM-MSCH-

2786-18484-18916

INVOICE DATE

06/02/2010

TERMS

**NET 30 DAYS**

YOUR ORDER NUMBER

**17435**

SALES REP

M.Schubert

SHIPPED VIA

Page

PREPAID or COLLECT

Collect

**SHIPPED TO:**

Vickery Environmental, Inc.

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
4310.75	Gallons Disposal of F039 Water (VB5696) <b>Manifest#004308186JJK</b>	\$0.32	\$1,379.44
1	Load Transportation	\$1,850.00	\$1,850.00
1	Each Fuel surcharge (34%)	\$629.00	\$629.00
Date of Shipment: 5/19/10			
Generator: Conklin Limited 372 W. Hiawatha Blvd. Syracuse, NY 13202			
"Demurrage and surcharges, if applicable, will be billed separately"		SUBTOTAL	\$3,858.44
		TAX (8%)	\$308.68
		FREIGHT	\$0.00
			\$4,167.12
Questions concerning this invoice? Call: Amy Moser (302)652-8999		MAKE ALL CHECKS PAYABLE TO: Capitol Environmental Services, Inc.	
		PAY THIS AMOUNT	

**THANK YOU FOR YOUR BUSINESS!**

398305

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

Form Approved. OMB No. 2050-0038

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NYD 888 870 688</b>		2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>302 882-6389</b>		4. Manifest Tracking Number <b>004308187 JJK</b>			
		5. Generator's Name and Mailing Address <b>Conklin Limited 3090 Carrousel Center, Syracuse, NY 13290</b>		Generator's Site Address (if different than mailing address) <b>372 Hicock Rd., Syracuse, NY 13202</b>						
Generator's Phone: <b>315 485-6000</b>		6. Transporter 1 Company Name <b>Pags ETC, Inc.</b>				U.S. EPA ID Number <b>NYD 888 889 847</b>				
7. Transporter 2 Company Name						U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Victory Environmental, Inc. 3866 State Route 412, Victory, OH 43484</b>						U.S. EPA ID Number <b>OH0 020 273 819</b>				
Facility's Phone: <b>419 547-7791</b>										
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))			10. Containers No. Type		11. Total Quantity	12. Unit Wt./Vol.	13. Waste Codes	
	X	1. <b>RQ, NA3082 Hazardous Waste, Liquid, N.O.S., 6, III (Xylene, Naphthalene)</b>					<b>4000</b>	<b>G</b>	<b>F039</b>	
		2.								
		3.								
		4.								
14. Special Handling Instructions and Additional Information. <b>I: V88633 ERG 171</b>										
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/Officer's Printed/Typed Name <b>Roy Flanagan</b>										
Signature <i>Roy Flanagan</i>										
Month Day Year <b>7 13 10</b>										
16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. Port of entry/exit: Date leaving U.S.:										
17. Transporter Acknowledgment of Receipt of Materials										
Transporter 1 Printed/Typed Name <b>Ronald L. Loveland</b>										
Signature <i>R. L. Loveland</i>										
Month Day Year <b>7 13 10</b>										
Transporter 2 Printed/Typed Name										
Signature										
Month Day Year										
18. Discrepancy										
18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection										
Manifest Reference Number: U.S. EPA ID Number										
18b. Alternate Facility (or Generator)										
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. <b>H134</b> 2. 3. 4.										
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 <b>Teresa Roth</b>										
Signature <i>Teresa Roth</i>										
Month Day Year <b>10 7 14 10</b>										



# Capitol Environmental Services, Inc.

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

RECEIVED

## INVOICE

JUL 27 2010

**SOLD TO:**

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

Per \_\_\_\_\_

INVOICE NUMBER WILM-MSCH-

2786-18655-19104

INVOICE DATE 07/27/2010

TERMS **NET 30 DAYS**

YOUR ORDER NUMBER **17435**

SALES REP M.Schubert

SHIPPED VIA Page

PREPAID or COLLECT Collect

**SHIPPED TO:**

Vickery Environmental, Inc.

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
4021.67	Gallons Disposal of F039 Water (VB5696) <b>Manifest#004308187JJK</b>	\$0.32	\$1,286.93
1	Load Transportation	\$1,850.00	\$1,850.00
1	Each Fuel surcharge (31%)	\$573.50	\$573.50
Date of Shipment: 7/13/10			
Generator: Conklin Limited 372 W. Hiawatha Blvd. Syracuse, NY 13202			
"Demurrage and surcharges, if applicable, will be billed separately"		SUBTOTAL	\$3,710.43
		TAX (8%)	\$296.83
		FREIGHT	\$0.00
			\$4,007.27
Questions concerning this invoice? Call: Amy Moser (302)652-8999			PAY THIS AMOUNT

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

**THANK YOU FOR YOUR BUSINESS!**

4116022

Please print or type. (Form designed for use on 41/2 (12-pitch) typewriter.)

Form Approved, OMB No. 2050-0039

<b>UNIFORM HAZARDOUS WASTE MANIFEST</b>		1. Generator ID Number <b>NYD 238 870 635</b>	2. Page 1 of <b>1</b>	3. Emergency Response Phone <b>302 547 5394</b> <b>302 547 5395</b>	4. Manifest Tracking Number <b>004308188 JJK</b>		
5. Generator's Name and Mailing Address <b>Corbett Limited</b> <b>3050 Corbett Center, Syracuse, NY 13200</b> Generator's Phone: <b>315 485-5000</b>			6. Generator's Site Address (if different than mailing address) <b>372 Housley Blvd,</b> <b>Syracuse, NY 13202</b>				
7. Transporter 1 Company Name <b>Pogo ETC, Inc.</b>			U.S. EPA ID Number <b>NYD 238 863 847</b>				
7. Transporter 2 Company Name			U.S. EPA ID Number				
8. Designated Facility Name and Site Address <b>Victory Environmental, Inc.</b> <b>3908 State Route 412, Victory, OH 43464</b> Facility's Phone: <b>419 847-7781</b>			U.S. EPA ID Number <b>OH0 020 273 818</b>				
GENERATOR	9a. HM	9b. U.S. DOT Description (including Proper Shipping Name, Hazard Class, ID Number, and Packing Group (if any))	10. Containers No.	Type	11. Total Quantity	12. Unit Volume	13. Waste Codes
	X	1. <b>NO. NA3082 Hazardous Waste, Liquid, H.O.S., 9, III (Xylene, Nitrobenzene)</b>	1	TT	4200	G	F039
	2						
	3						
	4						
14. Except Handling Instructions and Additional Information <b>1: V00530 E03171</b> <b>944134</b>							
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/packaged, 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/Officer's Printed/Typed Name: <b>Ray H. Henschel</b> Signature: <b>Ray H. Henschel</b> Month: <b>11</b> Day: <b>12</b> Year: <b>10</b>							
TRANSPORTER	16. International Shipments <input type="checkbox"/> Import to U.S. <input type="checkbox"/> Export from U.S. <input checked="" type="checkbox"/>		Port of export/Date leaving U.S.: <b>11/17/10</b>				
	17. Transporter Acknowledgment of Receipt of Materials Transporter 1 Printed/Typed Name: <b>DAVID BRENON</b> Signature: <b>David Brenon</b> Month: <b>11</b> Day: <b>17</b> Year: <b>10</b>		Transporter 2 Printed/Typed Name: Signature: Month: Day: Year:				
DESIGNATED FACILITY	18. Discrepancy 18a. Discrepancy Indication Space <input type="checkbox"/> Quantity <input type="checkbox"/> Type <input type="checkbox"/> Residue <input type="checkbox"/> Partial Rejection <input type="checkbox"/> Full Rejection Manifest Reference Number: U.S. EPA ID Number:						
	19. Alternate Facility (or Generator) Facility's Phone: U.S. EPA ID Number:						
	19b. 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. <b>H-134</b> 2. 3. 4.						
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: <b>Ken Frank</b> Signature: <b>Ken Frank</b> Month: <b>11</b> Day: <b>18</b> Year: <b>10</b>							

# Capitol Environmental Services, Inc.

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

## INVOICE

<b>SOLD TO:</b>
Carousel Center 9090 Carousel Center Drive Syracuse, NY 13290 Attn: Gail Carroll

<b>SHIPPED TO:</b>
Vickery Environmental, Inc.

RECEIVED  
NOV 26 2010  
Per \_\_\_\_\_

INVOICE NUMBER	WILM-MSCH-2786-19060-19566
INVOICE DATE	11/26/2010
TERMS	<b>NET 30 DAYS</b>
YOUR ORDER NUMBER	17435
SALES REP	M.Schubert
SHIPPED VIA	Page
PREPAID or COLLECT	Collect

QUANTITY	DESCRIPTION	UNIT PRICE	AMOUNT
4057.52	Gallons Disposal of F039 Water (VB5696) <b>Manifest#004308188JJK</b>	\$0.32	\$1,298.41
1	Load Transportation	\$1,850.00	\$1,850.00
1	Each Fuel surcharge (34%)	\$629.00	\$629.00
<b>Date of Shipment: 11/17/10</b>			
<b>Generator: Conklin Limited</b> <b>372 W. Hiawatha Blvd.</b> <b>Syracuse, NY 13202</b>			
<b>"Demurrage and surcharges, if applicable, will be billed separately"</b>		SUBTOTAL	\$3,777.41
		TAX (8%)	\$302.19
		FREIGHT	\$0.00
			\$4,079.60
Questions concerning this invoice? Call: Amy Moser (302)652-8999		<b>MAKE ALL CHECKS PAYABLE TO:</b> Capitol Environmental Services, Inc.	
		PAY THIS AMOUNT	

**THANK YOU FOR YOUR BUSINESS!**

## *Appendix C*

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

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

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

WELL	RIM ELEV	INV ELEV	1997 RIM ELEV	1997 INV ELEV <sup>1</sup>	2004 RIM <sup>2</sup> ELEV	2003 INV ELEV <sup>1</sup>	WELL	RIM ELEV	INV ELEV	1997 RIM ELEV	1997 INV ELEV <sup>1</sup>	2004 RIM <sup>2</sup> ELEV	2003 INV ELEV <sup>1</sup>
LCS-1	19.02	4.61	18.28	3.87	17.66	3.25	LDS-1	19.04	3.65	18.23	2.84	17.73	2.34
LCS-2	21.92	3.27	20.76	2.11	20.31	1.66	LDS-2	22.30	2.44	21.00	1.14	20.50	0.64
LCS-3	19.52	5.12	18.97	4.57	18.36	3.96	LDS-3	19.46	3.66	18.78	2.98	18.14	2.34
LCS-4	21.25	3.85	20.65	3.25	20.00	2.60	LDS-4	21.17	2.82	20.54	2.19	19.86	1.51
LCS-5	21.32	4.59	20.63	3.90	20.11	3.38	LDS-5	21.45	3.85	20.73	3.13	20.15	2.55

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. Data collected from 1997 through December 2002 reflect the 1997 survey information.
4. Data collected in 2003 reflect the 2004 survey information.
5. Elevations refer to Syracuse City Datum.

**Table C-2  
Conklin Limited  
Site #734048  
Monitoring Data**

DATE <sup>1</sup>	LCS-1 DEPTH TO WATER	WATER ELEV <sup>3</sup>	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 <sup>4</sup>	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	12.38	5.35	17.29	3.02	15.82	4.68	13.73	4.63	13.46	4.68	16.53	3.47	12.37	7.49	15.94	4.17	10.58	9.57
8/14/2007	14.13	3.53	NM	NM	17.22	3.09	NM	NM	13.68	4.68	NM	NM	16.61	3.39	NM	NM	15.87	4.24	NM	NM
9/26/2007	NM	NM	12.53	5.20	NM	NM	16.01	4.49	NM	NM	13.60	4.54	NM	NM	12.56	7.30	NM	NM	10.74	9.41
8/4/2008	14.12	3.54	NM	NM	17.36	2.95	NM	NM	13.68	4.68	NM	NM	16.44	3.56	NM	NM	15.88	4.23	NM	NM
8/25/2008	NM	NM	12.62	5.11	NM	NM	15.96	4.54	NM	NM	13.28	4.86	NM	NM	12.52	7.34	NM	NM	10.27	9.88
7/10/2009	14.28	3.38	NM	NM	17.87	2.44	NM	NM	13.81	4.55	NM	NM	16.80	3.20	NM	NM	15.79	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

Notes:

NM = not measured on that date.

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

DATE <sup>1</sup>	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

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. 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**

<b>WELL</b>	<b>RIM ELEV</b>	<b>INV ELEV</b>	<b>1997 RIM ELEV</b>	<b>2004 RIM ELEV<sup>3</sup></b>
MW-1	15.67	-5.96	15.48	15.05
MW-2	15.46	-6.50	15.01	14.56
MW-3	16.03	-5.79	15.62	15.14
MW-4	15.82	-8.00	15.55	15.20
MW-5 <sup>2</sup>			17.63	18.12

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.



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

DATE <sup>1</sup>	MW-1 DEPTH TO WATER <sup>2</sup>	WATER ELEV <sup>3</sup>	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 <sup>4</sup>	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

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.

## *Appendix D*

### *Laboratory Analytical Results*

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

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

Compound	Sample Location and Date																																															
	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				
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	-	-		
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

[illegible]

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 7/1/2005	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					
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	
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

Compound	Sample Location and Date																							
	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4	LCS-4	LDS-4
Dichlorodifluoromethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Chloromethane	--	--	--	--	2100	5081	143	2100	--	--	66	--	--	--	--	--	--	11	--	--	--	--	--	--
Trans-1,2-dichloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8.0	--	--	--	--	--	--	--
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	65	--	76	68	--	32	--	10.5	--
Vinyl chloride	1330	451	3104	2570	--	--	--	--	--	1100	--	--	--	830	52	760	--	170	70	630	--	46	80	30
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
Chloroform	65	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	8	--	--	--	--	--	--	--
1,1,1-Trichloroethane	70	68.5	191	177	285	--	130	279	--	104	49	45	60	52	16	43	21	14	18	--	14	5.5	34	--
Trichloroethene	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	9	--	--	--	17	--	--	--
Toluene	--	--	59	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--
Bromomethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	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 10/13/1994	LDS-5 10/12/1994	LCS-5 1/14/1995	LDS-5 1/17/1995	LCS-5 6/5/1995	LDS-5 6/5/1995	LCS-5 10/23/1995	LDS-5 10/31/1995	LCS-5 5/15/1996	LDS-5 5/29/1996	LCS-5 6/3/1997	LDS-5 6/27/1997	LCS-5 6/23/1998	LDS-5 6/25/1998	LCS-5 6/10/1999	LDS-5 9/9/1999	LCS-5 8/16/2000	LDS-5 8/29/2000	LCS-5 6/26/2001	LDS-5 8/29/2001	LCS-5 6/24/2002	LDS-5 10/15/2002	LCS-5 7/10/2003	LDS-5 11/5/2003	LCS-5 9/1/2004	LDS-5 10/28/2004	LCS-5 7/11/2005	LDS-5 10/31/2005	LCS-5 8/24/2006	LDS-5 10/23/2006	LCS-5 8/14/2007	LDS-5 9/27/2007	LCS-5 8/4/2008	LDS-5 8/25/2008	LCS-5 7/10/2009	LDS-5 9/11/2009	LCS-5 9/9/2010	LDS-5 9/13/2010			
Dichlorodifluoromethane	26	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--			
Chloromethane	--	--	--	--	2100	45	1276	--	--	--	20	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Chloroethane	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	75	--	--	58	--	--	38	--	--	--	--	29	--	--	--	--	--	--	37	--	--
Vinyl chloride	--	--	1417	49	--	--	--	--	19	--	--	920	--	20	--	15	--	--	--	--	--	--	24	--	16	--	120	--	--	170	55	--	26	155	--	1.5	17	--	16	--	8.9	17	--	--	--	--	
1,1-Dichloroethene	--	9	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
Methylene chloride	--	--	142	5.1	--	--	--	--	--	--	--	--	120	--	--	--	--	--	--	--	10	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--		
1,1-Dichloroethane	21	--	440	23	1600	17	495	14	58	9.7	120	330	230	14	270	14	105	16	122	--	58	--	336	8.0	305	17	310	--	60	180	140	270	113	150	7.2	20	24	7	56	17	58	59	6.7	9.4			
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	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	--	

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

[illegible]

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*

# *Certificate of Training*

*This Certifies That*

ROY FLANAGAN  
XXX-XX-0216

*Has satisfactorily completed the requirements for*  
OSHA 8 HR HAZARDOUS WASTE OPERATIONS AND EMERGENCY RESPONSE REFRESHER

*developed pursuant to*  
*Regulations promulgated by the Occupational Safety and Health Administration*  
*And is hereby awarded this certificate*  
*by*

*R O E Environmental, Inc.*  
*Syracuse, New York*

*on this* 6TH *day of* JANUARY 20 10

XXX-XX-0216-2358J

*Certificate Number*

  
*Authorized Signature*

*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 9-9-10 INSPECTOR(S) R. Flanagan  
TIME 0700- WEATHER Sunny 60's

LCS NO	RIM ELEVATION	DEPTH TO WATER (feet)	WATER ELEVATION	AIR (1) QUALITY (include units)	METER READING	SAMPLE TAKEN (yes) (no)	COMMENTS
<u>LCS1</u>	<u>17.66</u>	<u>13.82</u>	<u>3.84</u>	<u>0</u>	<u>0 20</u>		
<u>LCS2</u>	<u>20.31</u>	<u>16.82</u>	<u>3.49</u>	<u>0</u>	<u>0 20</u>		
<u>LCS3</u>	<u>18.36</u>	<u>13.53</u>	<u>4.83</u>	<u>0</u>	<u>0 20</u>		
<u>LCS4</u>	<u>20.00</u>	<u>16.61</u>	<u>3.39</u>	<u>0</u>	<u>0 20</u>		
<u>LCS5</u>	<u>20.11</u>	<u>15.73</u>	<u>4.38</u>	<u>0</u>	<u>0 20</u>		

• COMMENTS:

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(1) INSTRUMENT USED: Invert. m-40

GROUND WATER SAMPLING FIELD LOG

Sample Location LCS Well No. 1  
Sampled By R. Flanagan Date 9-9-10 Time 0700  
Weather Sunny 60's Sampled with Bailer \_\_\_\_\_ Pump ☒

A. WATER TABLE:

Well depth:

(below top of casing) 14.41 ft.

Well elevation:

(top of casing) 17.66 ft

Depth to water table:

(below top of casing) 13.82 ft.

Water table elevation: 3.84 ft

Length of water column (LWC) \_\_\_\_\_ ft.

Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons X 3

4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons

6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ 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 4.51 ms/cm -

F. pH 6.41

G. TEMPERATURE 15.1°C

H. WELL SAMPLING NOTES:

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# GROUND WATER SAMPLING FIELD LOG

Sample Location LCS Well No. 2  
Sampled By R. Flanagan Date 9-9-10 Time 0700  
Weather Sunny 60's Sampled with Bailer \_\_\_\_\_ Pump ☒

## A. WATER TABLE:

Well depth:  
(below top of casing) 18.65 ft. Well elevation:  
(top of casing) 20.81 ft  
Depth to water table:  
(below top of casing) 16.82 ft. Water table elevation: 3.49 ft  
Length of water column (LWC) \_\_\_\_\_ ft.  
Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons X3  
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ 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 \_\_\_\_\_ 100 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 4.61 ms/cm

F. pH 6.18

G. TEMPERATURE 17.10c

## H. WELL SAMPLING NOTES:

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GROUND WATER SAMPLING FIELD LOG

Sample Location LCS Well No. 3  
Sampled By R. Flanagan Date 9-9-10 Time 0700  
Weather Sunny 60's Sampled with Bailer \_\_\_\_\_ Pump ☒

A. WATER TABLE:

Well depth:  
(below top of casing) 14.40 ft. Well elevation:  
(top of casing) 18.36 ft.  
Depth to water table:  
(below top of casing) 13.53 ft. Water table elevation: 4.83 ft.  
Length of water column (LWC) \_\_\_\_\_ ft.  
Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ gallons

B. PHYSICAL APPEARANCE AT START:

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

E. CONDUCTIVITY 4.27 ms/cm

F. pH 6.91

G. TEMPERATURE 18.3°C

H. WELL SAMPLING NOTES:

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GROUND WATER SAMPLING FIELD LOG

Sample Location LCS Well No. 4  
Sampled By R. Flanagan Date 9-9-10 Time 0700  
Weather Sunny 60's Sampled with Bailer \_\_\_\_\_ Pump ☒

A. WATER TABLE:

Well depth:  
(below top of casing) 17.40 ft. Well elevation:  
(top of casing) 20.00 ft.  
Depth to water table:  
(below top of casing) 16.61 ft. Water table elevation: 3.39 ft.  
Length of water column (LWC) \_\_\_\_\_ ft.  
Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ 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 \_\_\_\_\_ 30 gallons.  
Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

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

E. CONDUCTIVITY 4.22 ms/cm

F. pH 6.11

G. TEMPERATURE 17.62°C

H. WELL SAMPLING NOTES:

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GROUND WATER SAMPLING FIELD LOG

Sample Location LCS Well No. 5  
Sampled By R. Flanagan Date 9-9-10 Time 0700  
Weather Sunny 60's Sampled with Bailer \_\_\_\_\_ Pump ☒

A. WATER TABLE:

Well depth:  
(below top of casing) 16.73 ft. Well elevation:  
(top of casing) 20.11 ft.  
Depth to water table:  
(below top of casing) 15.73 ft. Water table elevation: 4.38 ft.  
Length of water column (LWC) \_\_\_\_\_ ft.  
Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ 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 \_\_\_\_\_ 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 5.11 mc/cm

F. pH 6.52

G. TEMPERATURE 17.8°C

H. WELL SAMPLING NOTES:

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## *Appendix G*

### *2010 Laboratory Analytical Results*

- G-1 LCS Analytical Reports*
- G-2 LDS Analytical Reports*
- G-3 MW Analytical Reports*



# CHAIN OF CUSTODY RECORD

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

Phone: 315-478-2374

Fax: 315-478-2107

BATCH NO: 03327

Page 1 of 1

Turn-Around Time:

- ☐ Standard  
☐ 1 Week  
☐ 72 Hours  
☐ 48 Hours  
☐ 24 Hours

CLIENT NAME: <u>Pyramid</u>	PROJECT NUMBER/NAME:
ADDRESS:	
PHONE: <u>466 6000</u>	
FAX:	
CONTACT NAME:	PURCHASE ORDER NO:

Sampler's Name: R. Flanagan Signature: R. Flanagan

LAB USE ONLY	Collected		TYPE		MATRIX		CLIENT ID/SAMPLE LOCATION	TOTAL NUMBER OF CONTAINERS	PARAMETERS FOR ANALYSIS
	CES Sample Numbers	Date	Time	Comp.	Grab	Aqueous			
	598389	9-9-10	0800	✓			Well #1	2	
	598390	9-9-10	0800	✓			Well #2	2	
	598391	9-9-10	0800	✓			Well #3	2	
	598392	9-9-10	0800	✓			Well #4	2	
	598393	9-9-10	0800	✓			Well #5	2	
TOTAL NUMBER OF CONTAINERS									601/602/109
SPECIAL REMARKS:									
TOTAL NUMBER OF CONTAINERS									

SAMPLES RELINQUISHED BY:		SAMPLES RECEIVED BY:	
NAME: <u>R. Flanagan</u>	DATE: <u>9-14-10</u>	NAME: <u>B. Murphy</u>	DATE: <u>9-14-10</u>
SIGNATURE: <u>[Signature]</u>	TIME: <u>14:55</u>	SIGNATURE: <u>[Signature]</u>	TIME: <u>12:10</u>
NAME: <u>R. Flanagan</u>	DATE: <u>9-14-10</u>	NAME: <u>R. Flanagan</u>	DATE: <u>9-14-10</u>
SIGNATURE: <u>[Signature]</u>	TIME: <u>14:55</u>	SIGNATURE: <u>[Signature]</u>	TIME: <u>14:55</u>

Samples Received in Good Condition:

☒ Yes ☐ No

Temperature 5.0 °C



**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: 09/21/2010

SAMPLE NUMBER- 598389 SAMPLE ID- Well #1  
DATE SAMPLED- 09/09/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/20/10		RRB	
Dichlorodifluoromethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/20/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/20/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/20/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/20/10		RRB	6.9 ug/L
2-Butanone (MEK)	EPA 624	09/20/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/20/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/20/10		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

Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598389

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/20/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/20/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/20/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/20/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/20/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/20/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/20/10		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: LCS Wells  
DATE: 09/21/2010

SAMPLE NUMBER- 598390 SAMPLE ID- Well #2  
DATE SAMPLED- 09/09/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/20/10		RRB	
Dichlorodifluoromethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/20/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/20/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/20/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/20/10		RRB	6.9 ug/L
2-Butanone (MEK)	EPA 624	09/20/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/20/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/20/10		RRB	< 5.0 ug/L

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





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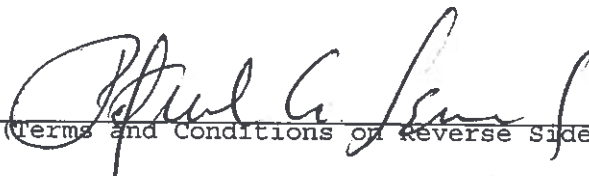
Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598390

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/20/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/20/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/20/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/20/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/20/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/20/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
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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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REPORT OF ANALYSES

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

PROJECT NAME: LCS Wells  
DATE: 09/21/2010

SAMPLE NUMBER- 598391 SAMPLE ID- Well #3  
DATE SAMPLED- 09/09/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/17/10		RRB	
Dichlorodifluoromethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/17/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/17/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/17/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/17/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/17/10		RRB	7.5 ug/L
2-Butanone (MEK)	EPA 624	09/17/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/17/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/17/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/17/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/17/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/17/10		RRB	< 5.0 ug/L

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





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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598391

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/17/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/17/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/17/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/17/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/17/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/17/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/17/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/17/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/17/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/17/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/17/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/17/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/17/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/17/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/17/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/17/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/17/10		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
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Patrick A. Lauer, Jr.  
Laboratory Director

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



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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: 09/21/2010

SAMPLE NUMBER- 598392 SAMPLE ID- Well #4  
DATE SAMPLED- 09/09/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/17/10		RRB	
Dichlorodifluoromethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/17/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/17/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/17/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/17/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/17/10		RRB	7.6 ug/L
2-Butanone (MEK)	EPA 624	09/17/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/17/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/17/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/17/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/17/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/17/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/17/10		RRB	< 5.0 ug/L

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



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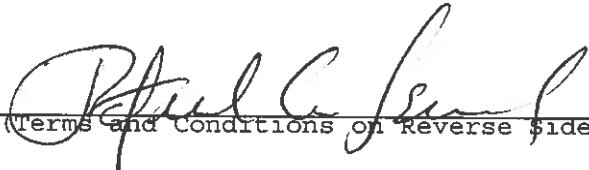
Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598392

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/17/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/17/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/17/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/17/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/17/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/17/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/17/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/17/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/17/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/17/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/17/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/17/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/17/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/17/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/17/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/17/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/17/10		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
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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: 09/21/2010

SAMPLE NUMBER- 598393 SAMPLE ID- Well #5  
DATE SAMPLED- 09/09/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/20/10		RRB	
Dichlorodifluoromethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/20/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/20/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/20/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/20/10		RRB	6.7 ug/L
2-Butanone (MEK)	EPA 624	09/20/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/20/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/20/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/20/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/20/10		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 598393

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/20/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/20/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/20/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/20/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/20/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/20/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/20/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/20/10		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
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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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REPORT OF ANALYSES

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

PROJECT NAME: Leak Detect  
DATE: 09/28/2010

SAMPLE NUMBER- 598399 SAMPLE ID- Well #1  
DATE SAMPLED- 09/13/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/23/10		RRB	
Dichlorodifluoromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/23/10		RRB	8.4 ug/L
2-Butanone (MEK)	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/23/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L

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



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598399

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/23/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/23/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/23/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/23/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/23/10		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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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: Leak Detect  
DATE: 09/28/2010

SAMPLE NUMBER- 598400 SAMPLE ID- Well #2  
DATE SAMPLED- 09/13/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/23/10		RRB	
Dichlorodifluoromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/23/10		RRB	8.4 ug/L
2-Butanone (MEK)	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/23/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L

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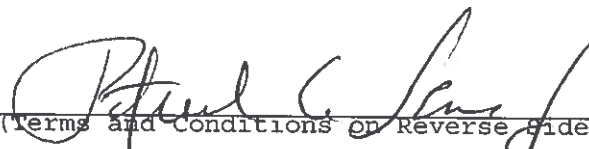
Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598400

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/23/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/23/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/23/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/23/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/23/10		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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REPORT OF ANALYSES

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

PROJECT NAME: Leak Detect  
DATE: 09/28/2010

SAMPLE NUMBER- 598401 SAMPLE ID- Well #3  
DATE SAMPLED- 09/13/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/23/10		RRB	
Dichlorodifluoromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/23/10		RRB	8.2 ug/L
2-Butanone (MEK)	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/23/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L

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CONTINUATION OF DATA FOR SAMPLE NUMBER 598401

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/23/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/23/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/23/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/23/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
(Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.  
Laboratory Director

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REPORT OF ANALYSES

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

PROJECT NAME: Leak Detect  
DATE: 09/28/2010

SAMPLE NUMBER- 598402 SAMPLE ID- Well #4  
DATE SAMPLED- 09/13/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/23/10		RRB	
Dichlorodifluoromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/23/10		RRB	7.2 ug/L
Bromomethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/23/10		RRB	8.8 ug/L
2-Butanone (MEK)	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/23/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L

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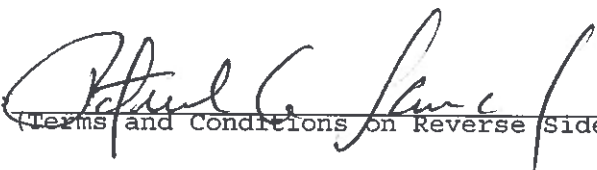
Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598402

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/23/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/23/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/23/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/23/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY

  
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Patrick A. Leone, Jr.  
Laboratory Director

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Phone 315-478-2374  
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REPORT OF ANALYSES

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

PROJECT NAME: Leak Detect  
DATE: 09/28/2010

SAMPLE NUMBER- 598403 SAMPLE ID- Well #5  
DATE SAMPLED- 09/13/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/23/10		RRB	
Dichlorodifluoromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/23/10		RRB	9.4 ug/L
2-Butanone (MEK)	EPA 624	09/23/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/23/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/23/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/23/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/23/10		RRB	< 5.0 ug/L

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



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598403

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/23/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/23/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/23/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/23/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/23/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/23/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/23/10		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.





BATCH NO: B7328

**Fax: 315-478-2107**

Prasad

PROJECT NUMBER/NAME:

ADDRESS: \_\_\_\_\_

PHONE: 476 1006

FAX: \_\_\_\_\_

PURCHASE ORDER NO:

**Signature:**

Signature: Prof. Chang

TOTAL NUMBER OF CONTAINERS

SPECIAL REMARKS:

TOTAL NUMBER OF CONTAINERS

**SAMPLES RECEIVED BY:**

David

DATE: TIME:

DATE: 9-14-10  
TIME:

### Samples Received in Good Condition:

☒ Yes ☐ NoTemperature 5.0 °C

Murphy

DATE: 9-14-10  
TIME: 14:55

DATE: 9-14-10  
TIME: 1455

NAME: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_

NAME: \_\_\_\_\_  
SIGNATURE: \_\_\_\_\_

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



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SEP 30 2010

Per \_\_\_\_\_

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REPORT OF ANALYSES

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

PROJECT NAME: Leachate Monitoring Wells  
DATE: 09/23/2010

SAMPLE NUMBER- 598394 SAMPLE ID- Well #1  
DATE SAMPLED- 09/10/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/22/10		RRB	
Dichlorodifluoromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
2-Butanone (MEK)	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/22/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/22/10		RRB	7.5 ug/L
1,2-Dichloropropane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L

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



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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598394

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/22/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/22/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/22/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/22/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/22/10		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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REPORT OF ANALYSES

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

PROJECT NAME: Leachate Monitoring Wells  
DATE: 09/23/2010

SAMPLE NUMBER- 598395 SAMPLE ID- Well #2  
DATE SAMPLED- 09/10/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/22/10		RRB	
Dichlorodifluoromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
2-Butanone (MEK)	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/22/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L

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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598395

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/22/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/22/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/22/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/22/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
(Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.  
Laboratory Director

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REPORT OF ANALYSES

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

PROJECT NAME: Leachate Monitoring Wells  
DATE: 09/23/2010

SAMPLE NUMBER- 598396 SAMPLE ID- Well #3  
DATE SAMPLED- 09/10/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/22/10		RRB	
Dichlorodifluoromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
2-Butanone (MEK)	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/22/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L

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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598396

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/22/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/22/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/22/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/22/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY:

  
(Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.  
Laboratory Director

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REPORT OF ANALYSES

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

PROJECT NAME: Leachate Monitoring Wells  
DATE: 09/23/2010

SAMPLE NUMBER- 598397 SAMPLE ID- Well #4  
DATE SAMPLED- 09/10/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/22/10		RRB	
Dichlorodifluoromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
2-Butanone (MEK)	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/22/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L

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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598397

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/22/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/22/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/22/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/22/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY

(Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.  
Laboratory Director

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REPORT OF ANALYSES

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

PROJECT NAME: Leachate Monitoring Wells  
DATE: 09/23/2010

SAMPLE NUMBER- 598398 SAMPLE ID- Well #5  
DATE SAMPLED- 09/10/10  
DATE RECEIVED- 09/14/10 SAMPLER- Roy Flanagan  
TIME RECEIVED- 1455 DELIVERED BY- Ben Murphy

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

Page 1 of 2

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT UNITS
Sample Receipt Temperature		09/14/10		RS	5.0 Degrees C
EPA 624 Volatiles	EPA 624	09/22/10		RRB	
Dichlorodifluoromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Vinyl Chloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
Bromomethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Trichlorofluoromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1-Dichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
Methylene Chloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
trans-1,2-Dichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1-Dichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
2-Butanone (MEK)	EPA 624	09/22/10		RRB	< 5.0 ug/L
Chloroform	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,1,1-Trichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Carbon Tetrachloride	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,2-Dichloroethane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Benzene	EPA 624	09/22/10		RRB	< 5.0 ug/L
Trichloroethene	EPA 624	09/22/10		RRB	< 5.0 ug/L
1,2-Dichloropropane	EPA 624	09/22/10		RRB	< 5.0 ug/L
Bromodichloromethane	EPA 624	09/22/10		RRB	< 5.0 ug/L

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Page 2 of 2

CONTINUATION OF DATA FOR SAMPLE NUMBER 598398

ANALYSIS	METHOD	ANALYSIS DATE	TIME	BY	RESULT	UNITS
2-Chloroethylvinyl Ether	EPA 624	09/22/10		RRB	< 5.0	ug/L
4-Methyl-2-Pentanone (MIBK)	EPA 624	09/22/10		RRB	< 5.0	ug/L
cis-1,3-Dichloropropene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Toluene	EPA 624	09/22/10		RRB	< 5.0	ug/L
trans-1,3-Dichloropropene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,1,2-Trichloroethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
Tetrachloroethene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Dibromochloromethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
Chlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Ethylbenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
m & p-Xylene	EPA 624	09/22/10		RRB	< 5.0	ug/L
o-Xylene	EPA 624	09/22/10		RRB	< 5.0	ug/L
Bromoform	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,1,2,2-Tetrachloroethane	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,3-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,4-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L
1,2-Dichlorobenzene	EPA 624	09/22/10		RRB	< 5.0	ug/L

NYSDOH LAB ID NO. 11246

APPROVED BY

(Terms and Conditions on Reverse Side)

Patrick A. Leone, Jr.  
Laboratory Director

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*Appendix H*  
*Form 2 – Leak Detection*  
*Sump Field Logs*

## LEAK DETECT SUMP FIELD LOG

OPERATION and MAINTENANCE MANUAL  
CONTAINMENT STRUCTURE  
CONKLIN LIMITED  
SYRACUSE, NEW YORKDATE: 9-13-10INSPECTOR: R. FlanaganTIME: 0700 —WEATHER: Plunny 60's

LDS NO.	RIM ELEVATION	DEPTH TO WATER (FEET)	LEAK DETECT ELEVATION (INCLUDE UNITS)	AIR QUALITY	METER READING	SAMPLE TAKEN Yes-No	COMMENTS
LDS 1	17.73	13.51	4.22	1-1 Hes 0	0 20.5	Yes	100
LDS 2	20.50	16.26	4.24	0 0	20.5	Yes	150
LDS 3	18.14	13.17	4.97	0 0	20.5	Yes	150
LDS 4	19.86	14.85	5.01	0 0	20.5	Yes	200
LDS 5	20.15	13.85	6.30	0 0	20.5	Yes	350

COMMENTS: Inclast. M-40 monitor

INSTRUMENT USE: \_\_\_\_\_

Sample Location Leachate Leak Detect Well No. 1  
Sampled By R. Flanagan Date 9-13-10 Time 0700  
Weather P/sunny 60's Sampled with Bailer \_\_\_\_\_ Pump ☒

A. WATER TABLE:

Well depth:

(below top of casing) 15.35 ft.

Well elevation:

(top of casing) 17.73 ft.

Depth to water table:

(below top of casing) 13.51 ft.

Water table elevation: 4.22 ft.

Length of water column (LWC) \_\_\_\_\_ ft.

Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons X3  
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ 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 \_\_\_\_\_ 100 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 5.84 ms/cm

F. pH 6.51

G. TEMPERATURE 15.4°C

H. WELL SAMPLING NOTES:

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

Sample Location Leachate Leak Detect Well No. 2  
Sampled By R. Tanagan Date 9-13-10 Time 0700  
Weather P/sunny 60's Sampled with Bailer \_\_\_\_\_ Pump ☒

A. WATER TABLE:

Well depth:

(below top of casing) 19.86 ft.

Well elevation:

(top of casing) 20.50 ft.

Depth to water table:

(below top of casing) 16.26 ft.

Water table elevation: 4.24 ft.

Length of water column (LWC) \_\_\_\_\_ ft.

Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ 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 LT. Gray Odor Slight Turbidity low

Was an oil film or layer apparent? No

E. CONDUCTIVITY 4.82 ms/cm

F. pH 6.81

G. TEMPERATURE 15.8°C

H. WELL SAMPLING NOTES:

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Sample Location Leachate Leak Detect Well No. 3  
Sampled By R. Flanagan Date 9-13-10 Time 0700  
Weather 10/sunny 60's Sampled with Bailer \_\_\_\_\_ Pump ☒

A. WATER TABLE:

Well depth:

(below top of casing) 15.80 ft.

Well elevation:

(top of casing) 18.14 ft.

Depth to water table:

(below top of casing) 13.17 ft.

Water table elevation: 4.97 ft.

Length of water column (LWC) \_\_\_\_\_ ft.

Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ gallons

B. PHYSICAL APPEARANCE AT START:

Color LT. orange 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 Slight Turbidity low

Was an oil film or layer apparent? No

E. CONDUCTIVITY 5.10 ms/cm

F. pH 6.62

G. TEMPERATURE 16.80 c

H. WELL SAMPLING NOTES:

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Sample Location Leachate Leak Detect Well No. 4  
Sampled By R. Flanagan Date 9-13-10 Time 0700  
Weather P/Sunny 60's Sampled with Bailer        Pump ☒

A. WATER TABLE:

Well depth:

(below top of casing) 18.35 ft.

Well elevation:

(top of casing) 19.86 ft.

Depth to water table:

(below top of casing) 14.85 ft.

Water table elevation: 5.01 ft.

Length of water column (LWC)                      ft.

Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$                       gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$                       gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$                       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 200 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 4.42 ms/cm

F. pH 6.71

G. TEMPERATURE 15.9°C

H. WELL SAMPLING NOTES:

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## GROUND WATER SAMPLING FIELD LOG

Sample Location Leachate Leak Detect Well No. 5  
Sampled By R. Flanagan Date 9-13-10 Time 0700  
Weather ☀️/sunny 60's Sampled with Bailer \_\_\_\_\_ Pump ☒

## A. WATER TABLE:

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

Well elevation:  
(top of casing) 20.15 ft.

Depth to water table:  
(below top of casing) 13.85 ft.

Water table elevation: 6.30 ft.

Length of water column (LWC) \_\_\_\_\_ ft.

Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ gallons

## B. PHYSICAL APPEARANCE AT START:

Color LT. Gray Odor Slight Turbidity Med  
Was an oil film or layer apparent? No

## C. PREPARATION OF WELL FOR SAMPLING:

Amount of water removed before sampling \_\_\_\_\_ 350 gallons.

Did well go dry? No

## D. PHYSICAL APPEARANCE DURING SAMPLING:

Color LT. Gray Odor Slight Turbidity Low  
Was an oil film or layer apparent? No

E. CONDUCTIVITY 4.91 ms/cm

F. pH 6.48

G. TEMPERATURE 16.4°C

## H. WELL SAMPLING NOTES:

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*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 9-10-10

INSPECTOR *R. Flanagan*

TIME 0800-

WEATHER Sunny 60°

WELL NO	RIM ELEVATION	DEPTH TO WATER (feet)	WATER ELEVATION	DEPTH TO BOTTOM (feet)	SAMPLE TAKEN (yes) (no)	COMMENTS
MW-1	15.05	10.83	4.22	21.63	Yes	
MW-2	14.56	10.30	4.26	21.96	Yes	
MW-3	15.14	10.50	4.64	21.82	Yes	
MW-4	15.20	10.88	4.32	23.82	Yes	
MW-5	18.12	12.11	6.01	20.00	Yes	

COMMENTS:

GROUND WATER SAMPLING FIELD LOG

Sample Location Leachate Monitoring Well No. 1  
Sampled By R. Flanagan Date 9-10-10 Time 0800  
Weather Sunny 60's Sampled with Bailer ☒ Pump ☐

A. WATER TABLE:

Well depth:  
(below top of casing) 21.63 ft. Well elevation:  
(top of casing) 15.05 ft  
Depth to water table:  
(below top of casing) 11.48 ft. Water table elevation: 3.57 ft  
Length of water column (LWC) \_\_\_\_\_ ft.  
Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ 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 \_\_\_\_\_ 5 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 4.98 us/cm

F. pH 8.63

G. TEMPERATURE 17.3°C

H. WELL SAMPLING NOTES:

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GROUND WATER SAMPLING FIELD LOG

Sample Location Leachate Monitoring Well No. 2  
Sampled By R. F. Langman Date 9-10-10 Time 0800  
Weather Sunny 60's Sampled with Bailer ☒ Pump ☐

A. WATER TABLE:

Well depth:  
(below top of casing) 21.96 ft. Well elevation:  
(top of casing) 14.56 ft  
Depth to water table:  
(below top of casing) 10.30 ft. Water table elevation: 4.26 ft  
Length of water column (LWC) \_\_\_\_\_ ft.  
Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ gallons

B. PHYSICAL APPEARANCE AT START:

Color LT. orange Odor None Turbidity low  
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 None Turbidity low  
Was an oil film or layer apparent? No

E. CONDUCTIVITY 4.01 us/cm =

F. pH 6.92

G. TEMPERATURE 19.3°C

H. WELL SAMPLING NOTES:

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GROUND WATER SAMPLING FIELD LOG

Sample Location Leachate Monitoring Well No. 3  
Sampled By R. Flanagan Date 9-10-10 Time 0800  
Weather Sunny 60's Sampled with Bailer ☒ Pump ☐

A. WATER TABLE:

Well depth:  
(below top of casing) 21.82 ft. Well elevation:  
(top of casing) 15.14 ft  
Depth to water table:  
(below top of casing) 10.50 ft. Water table elevation: 4.64 ft  
Length of water column (LWC) \_\_\_\_\_ ft.  
Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons X 3  
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ 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 \_\_\_\_\_ 5 gallons.  
Did well go dry? No

D. PHYSICAL APPEARANCE DURING SAMPLING:

Color LT. gray Odor Slight Turbidity low  
Was an oil film or layer apparent? No

E. CONDUCTIVITY 11.55 us/cm

F. pH 7.65

G. TEMPERATURE 18.5°C

H. WELL SAMPLING NOTES:

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GROUND WATER SAMPLING FIELD LOG

Sample Location Monitoring Leachate Well No. 4  
Sampled By R. Flanagan Date 9-10-10 Time 0800  
Weather Sunny 60's Sampled with Bailer ☒ Pump ☐

A. WATER TABLE:

Well depth:  
(below top of casing) 23.82 ft. Well elevation:  
(top of casing) 15.20 ft  
Depth to water table:  
(below top of casing) 10.88 ft. Water table elevation: 4.32 ft  
Length of water column (LWC) \_\_\_\_\_ ft.  
Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ 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 LT. Gray Odor Slight Turbidity mod.  
Was an oil film or layer apparent? No

E. CONDUCTIVITY 12.14 mc/cm

F. pH 6.63

G. TEMPERATURE 18.6°C

H. WELL SAMPLING NOTES:

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GROUND WATER SAMPLING FIELD LOG

Sample Location Leachate Monitoring Well No. 5  
Sampled By R. Flanagan Date 9-10-10 Time 0800  
Weather Sunny 60° Sampled with Bailer ☒ Pump ☐

A. WATER TABLE:

Well depth:  
(below top of casing) 20.00 ft. Well elevation:  
(top of casing) 18.12 ft  
Depth to water table:  
(below top of casing) 12.11 ft. Water table elevation: 6.01 ft  
Length of water column (LWC) \_\_\_\_\_ ft.  
Volume of water in well:

2" diameter wells =  $0.163 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  $\times 3$   
4" diameter wells =  $0.653 \times (\text{LWC}) =$  \_\_\_\_\_ gallons  
6" diameter wells =  $1.469 \times (\text{LWC}) =$  \_\_\_\_\_ gallons

B. PHYSICAL APPEARANCE AT START:

Color LT. orange Odor mod 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 4.21 ms/cm -

F. pH 7.44

G. TEMPERATURE 7.44 16.1°C

H. WELL SAMPLING NOTES:

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*Appendix J*  
*Form 4 – Site Observation*  
*Form*

SITE OBSERVATION FORM

FORM 4

OPERATION and MAINTENANCE MANUAL  
CONTAINMENT STRUCTURE  
CONKLIN LIMITED  
SYRACUSE NEW YORK

DATE: 9-8-10  
TIME: 0900

INSPECTOR(S): A. F. Lawrence  
WEATHER: 60's Cloudy

1.) VISUAL INSPECTION OF PAVEMENT

TARGET

2.) VISUAL INSPECTION OF LANDSCAPE AREAS

No sink holes

3.) MAINTENANCE PERFORMED OVER CONTAINMENT AREA

None @ This Time

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 9-2-9-3 INSPECTOR(S) P. T. Langan  
TIME 0800 - 1200 WEATHER Cloudy 80's

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

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