<u>report. hw 734053, 2005-02-08.</u> <u>Annual Rpt. Yearl.pdf</u> •

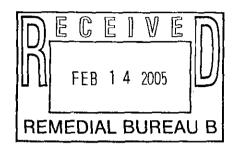
# ENVIRONMENTAL CONSULTING & MANAGEMENT ROUX ASSOCIATES INC



1222 FOREST PARKWAY, SUITE 190 WEST DEPTFORD, NEW JERSEY 08066 856 423-8800 FAX 856 423-3220

February 8, 2005

Mr. John Grathwol, P.E. Division of Environmental Remediation, 12<sup>th</sup> Floor New York State Department of Environmental Conservation 625 Broadway Albany, New York 12233-7010



Re: Annual Landfill Inspection Report (Year 1) Syracuse China Landfill Town of Salina, Onondaga County, New York NYSDEC Site Number 7-34-053

Dear Mr. Grathwol:

Remedial Engineering, P.C. (Remedial Engineering) and Roux Associates, Inc. (Roux Associates) on behalf of The Pfaltzgraff Co. (Pfaltzgraff) have prepared this Annual Landfill Monitoring and Inspection Report to summarize the first four quarters of operation, maintenance and monitoring activities performed at the Syracuse China Landfill, located in the Town of Salina, Onondaga County, New York. This report has been prepared in accordance with the Operation, Maintenance and Monitoring (OM&M) Plan prepared by Remedial Engineering, dated September 25, 2003. The referenced OM&M Plan is on file with the New York State Department of Environmental Conservation (NYSDEC). In addition, this report is in accordance with the landfill closure and post-closure criteria specified in Title 6 of the Official Compilation of Codes, Rules and Regulations of the State of New York (6NYCRR) Part 360. A site plan is provided as Figure 1.

This report is divided into three sections:

- Summary of Monitoring and Inspection Activities;
- Recommended Maintenance and Corrective Actions; and
- Proposed Variations to OM&M Schedule.

Supporting tables, figures and appendices are included at the end of this report.

# Summary of Monitoring and Inspection Activities

Site inspection activities were performed during the first year following Remedial Action as specified in the OM&M Plan. Quarterly ground-water sampling, surface-water sampling and landfill gas monitoring were performed by Upstate Laboratories, Inc. (Upstate Laboratories) of East Syracuse, New York on November 24, 2003 (first quarter), March 23, 2004 (second quarter), June 29, 2004 (third quarter) and September 16, 2004 (fourth quarter). Annual wetland

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monitoring was conducted on November 24, 2003 and July 28, 2004. An inspection of the landfill was completed on November 24, 2003. Wetland monitoring and the landfill inspection were performed by Roux Associates. Site Monitoring, Inspection and Maintenance Forms are included in Appendix A.

# Landfill Inspection

Roux Associates conducted an inspection of the site on November 17, 2004. The inspection included an evaluation of the landfill cap, site vegetation, drainage structures, access road and security fence. Photographs of the site are included as Appendix B.

The landfill cap surface exhibited 100 percent vegetative cover with no visible signs of erosion. The upper and lower landfill cap swales were observed to be intact with no visible signs of settling, clogging or erosion of riprap or subgrade materials. No obstructions were identified in the cap swales, however, some plant growth was observed within the swales. The landfill down chute was clear of obstructions and vegetative growth. The corrugated pipe and flared outlet located at the toe of the landfill were unobstructed and in good condition.

The existing wet area located at the northern base of the landfill was inspected for signs of erosion. Some minor ponding was observed in the area; however, no signs of erosion were evident.

The four onsite monitoring wells (MW-2, MW-5, MW-8 and MW-10) and two wells (MW-1 and MW-6) in the Syracuse China facility were inspected and appeared to be undamaged. Seven onsite gas vents (GV-1 through GV-7), located on the landfill, were also examined. All vents appeared undamaged.

The access road along the south boundary of the site was observed to be stable and in good condition. The existing chain link security fence was also in good condition. All fence gates were undamaged and secured with locks.

# Installation of Signs Along Factory Avenue

Sixteen signs were installed within the right-of-way of Factory Avenue on November 17, 2004 by Absolute Sign & Awning (1630 Erie Boulevard East, Syracuse, New York). Each sign reads "RESTRICTED AREA FOR EXCAVATION. Contact the New York State Department of Environmental Conservation at (315) 426-7519 for information". Eight signs were secured to the Syracuse China fence along the south side of Factory Avenue approximately 100 feet apart. The remaining eight signs were installed on posts in the right-of-way on the north side of Factory Avenue opposite of the signs on the fence. The signs were installed approximately 10 feet from the edge of pavement and approximately 6 feet above ground surface. Photographs are included in Appendix B.

# Ground-Water Monitoring

Ground-water sampling was performed on a quarterly basis by Upstate Laboratories, Inc. Sampling was conducted on November 24, 2003, March 23, 2004, June 29, 2004 and September

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16, 2004. Ground-water levels were gauged and samples were collected from monitoring wells MW-1, MW-2, MW-5, MW-6, MW-8 and MW-10 and analyzed for lead.

The results of the OM&M activities for year one indicate that lead concentrations in groundwater samples were below the appropriate Ambient Water Quality Standard for lead in ground water with the exception of one sample collected from MW-8 on March 23, 2004. Lead was detected at a concentration of 0.040 milligrams per liter (mg/L), slightly exceeding the ambient standard of 0.025 mg/L. The slightly elevated lead concentration in MW-8 was attributed to sample turbidity. As discussed with NYSDEC, subsequent sampling events were performed 24 hours after purging to minimize sediment entrainment in the sample. Lead concentrations for the remaining quarterly rounds for MW-8 were below the Ambient Water Quality Standard. Table 1 includes a summary of ground-water monitoring results and laboratory analytical reports are included as Appendix C.

# Surface-Water Monitoring

Surface-water sampling was performed on a quarterly basis by Upstate Laboratories, Inc. Sampling was conducted on November 24, 2003, March 23, 2004, June 29, 2004 and September 16, 2004. Two surface water samples were collected during each quarter. One sample was collected from the base of the landfill drainage swales on the northern face of the landfill (SW-1) and one sample was collected from a point north of the wetlands that is representative of runoff from the northern wetland area (SW-2). All surface water samples were analyzed for lead.

The results of the OM&M activities for year one indicate that lead concentrations in all surfacewater samples were below the appropriate Ambient Water Quality Standard for lead in surface water of 0.050 mg/L. Table 2 includes a summary of surface-water monitoring results and the laboratory analytical reports are included as Appendix C.

# Landfill Gas Monitoring

Landfill gas was monitored on a quarterly basis by Upstate Laboratories, Inc. Monitoring was performed on November 24, 2003, March 23, 2004, June 29, 2004 and September 16, 2004. Monitoring was conducted for hydrogen sulfide and lower explosive limit (LEL) in permanent gas vents GV-1 through GV-7 located within the landfill and temporary gas points TG-1 through TG-6 located outside the perimeter of the landfill cap.

Landfill gas monitoring indicated 0.0 parts per million of hydrogen sulfide and 0% LEL for all permanent and temporary monitoring points. Table 3 includes a summary of landfill gas monitoring results.

# Wetlands Monitoring

Roux Associates completed wetlands monitoring events on November 24, 2003 and July 28, 2004. Wetlands monitoring was conducted to evaluate the success of the wetland restoration and recovery effort, as required by the United States Army Corp of Engineers (USACOE) Nationwide Permit No. 38 dated November 1, 2002. Overall, 100 percent vegetation cover is present throughout the restored wetlands. In accordance with the Record of Decision (ROD), the wetland has been stabilized and allowed to continue colonization naturally. The first annual wetlands monitoring report was submitted to USACOE on January 29, 2004. The annual wetlands monitoring report required for year two will be submitted to USACOE in early 2005. Monitoring of the wetland mitigation and recovery effort will continue to be performed annually

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for years three through five. In accordance with the Nationwide Permit issued for the site, the next wetland monitoring report will be prepared and submitted to the USACOE in year five.

# **Recommended Maintenance and Corrective Actions**

The landfill will require periodic mowing to prevent woody vegetation growth on the landfill cap. In addition to mowing activities, weed whacking will be required to remove vegetation within the landfill swales. Weed whacking can be performed concurrently with seasonal mowing activities. The next series of mowing will occur in Fall 2005 and weed-whacking of woody type plants will be performed in spring, 2005.

# **Proposed Variations to OM&M Schedule**

As previously discussed in the OM&M Plan, Pfaltzgraff is requesting that the landfill gas monitoring frequency be reduced to annually for years two through five. This request is based on the results of the year one landfill gas surveys (no detections) and the character of the landfill waste (largely inert materials with no potential to produce methane).

As previously discussed with NYSDEC, Pfaltzgraff is requesting that surface-water monitoring frequency be reduced to semiannually. This request is based on year one monitoring results (all below 0.050 mg/L lead).

Ground-water sampling will continue on a quarterly basis for year two. Based on the results from the first two years of monitoring, it is anticipated that Pfaltzgraff will request ground-water sampling frequency to be reduced to semi-annually in years three through five. Sampling after year five would be conducted on an annual basis, if deemed necessary. This request is based on year one monitoring results. Ground-water samples indicated lead below 0.025 mg/L with the exception of one sample (attributed to sediment entrainment).

Subsequent Annual Landfill Inspection Reports summarizing yearly inspection activities and monitoring data will be submitted to the NYDSEC after years three through five.

Please call either of the undersigned with any questions regarding this report.

Sincerely, ROUX ASSOCIATES, INC.

Mulith Hanison

Meredith Harris, P.E. Senior Engineer

REMEDIAL ENGINEERING, P.C.

Harles Mc Cruchin

Charles J. McGuckin, P.E. Principal Engineer

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# NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION DIVISION OF ENVIRONMENTAL REMEDIATION

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II. RECOMMENDATIONS FOR FURTHER ACTION       Continue montoring & mainlinearly         No further action is recommended under the Onondaga Lake NPL Site program. Complete RI/FS through the Remedial Action process under New York State hazardous waste site program.         12. SITE OWNER'S NAME       13. ADDRESS         Syracuse China Corporation       2900 Court Street         (315) 455-4581	8. HAZARDOUS SUBSTANCES/WASTES ASSOCIATED W	ITH THE SITE	
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No further action is recommended under the Onondaga Lake NPL Site program. Complete RI/FS through the Remedial Action process under New York State hazardous waste site program.         12. SITE OWNER'S NAME       13. ADDRESS         Syracuse China Corporation       2900 Court Street       (315) 455-4581		Continue	monitoring & maintenand V
Syracuse China Corporation     2900 Court Street     (315) 455-4581			
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	Syracuse China Corporation		

	Ambient Water Quality	r Quality Lead Concentration (mg/				
Sample Date: Sample ID	Standard for Lead in Ground Water (mg/L)	11/24/03	3/23/04	6/29/04	9/16/04	
MW-1	0.025	<0.003	0.005	0.005	<0.001	
MW-2	0.025	<0.003	0.002	<0.001	<0.001	
MW-5	0.025	<0.003	0.004	0.005	<0.001	
MW-6	0.025	<0.003	0.002	0.006	<0.001	
MW-8	0.025	<0.003	0.040	0.002	<0.001	
MW-10	0.025	<0.003	<0.001	<0.001	<0.001	

Table 1. Summary of Ground-Water Monitoring Results. Syracuse China Site; Town of Salina, New York.

mg/L = Milligrams per liter.

1. The Ambient Water Quality Standard was obtained from 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (New York State Department of Environmental Conservation, 1999).

	Ambient Water Quality	Concentration of Lead (mg/L)				
Sample Date: Sample ID	Standard for Lead in Surface Water (mg/L)	11/24/03	3/23/04	6/29/04	9/16/04	
SW-1	0.050	<0.003	<0.001	0.002	<0.001	
SW-2	0.050	0.025	<0.001	<0.001	0.008	

Table 2. Summary of Surface Water Monitoring Results. Syracuse China Site; Town of Salina, New York.

mg/L = Milligrams per liter.

1. The Ambient Water Quality Standard was obtained from 6 NYCRR Part 703 Surface Water and Groundwater Quality Standards and Groundwater Effluent Limitations (New York State Department of Environmental Conservation, 1999).

Date	11/2	11/24/04		3/04	6/28	/04	9/16	5/04
Location	H <sub>2</sub> S (ppm)	LEL (%)	H <sub>2</sub> S (ppm)	LEL (%)	H <sub>2</sub> S (ppm)	LEL (%)	H <sub>2</sub> S (ppm)	LEL (%)
GV-1	0	0	0	0	0.	0	0	0
GV-2	0	0	0	0	0	0	0	0
GV-3	0	0	0	0	0	0	0	0
GV-4	0	0	0	0	0	0	0	0
GV-5	0	0	0	0	0	0	0	0
GV-6	0	0	0	0	0	0	0 ·	0
GV-7	0	0	0	0	0	0	0	0

Table 3. Summary of Landfill Gas Monitoring Results. Syracuse China Site; Town of Salina, New York.

 $H_2S = Hydrogen Sulfide.$ 

LEL = Lower Explosive Limit.

ppm = parts per million.

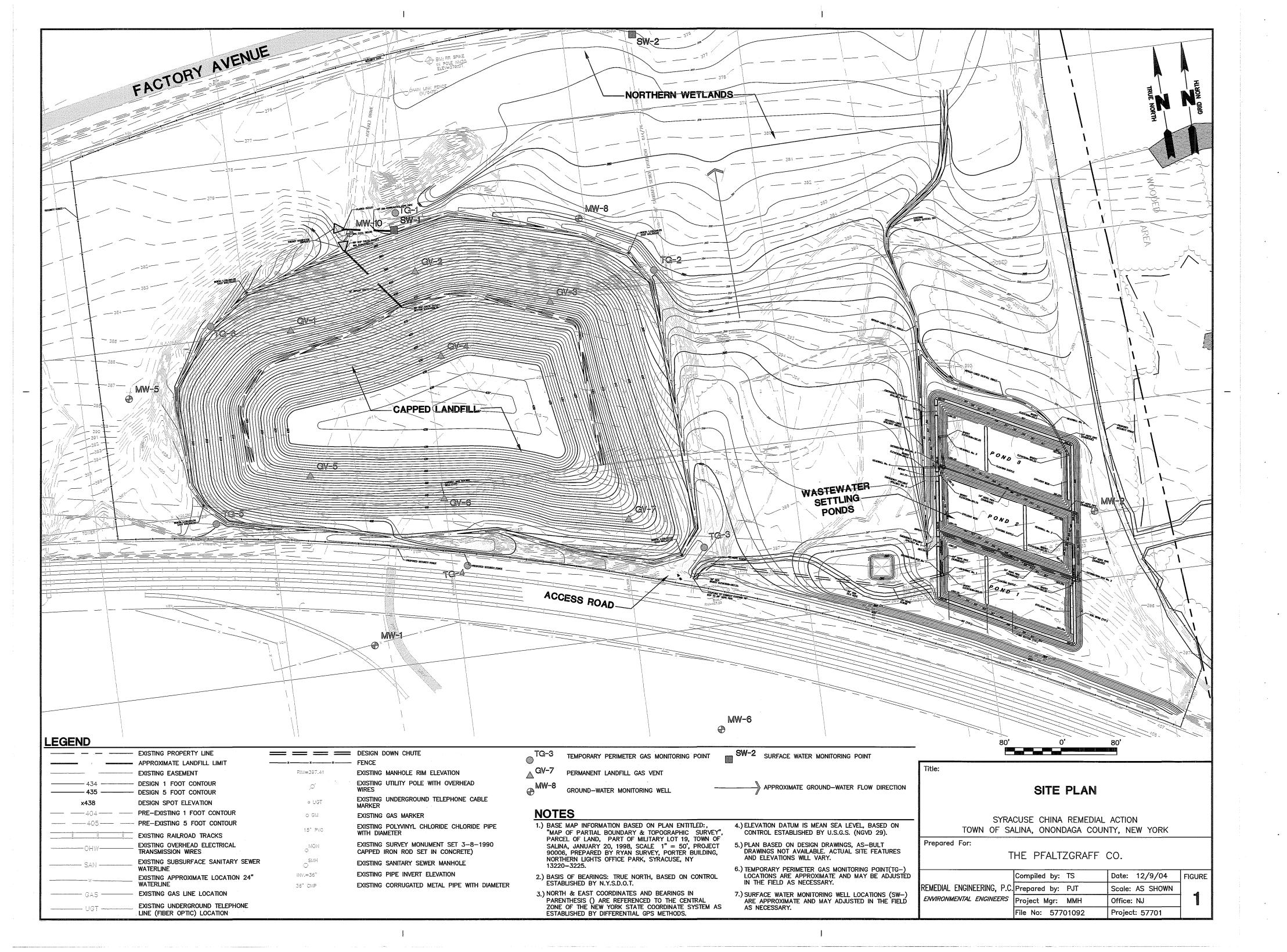
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# FIGURES



# APPENDICES

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APPENDIX A 

# APPENDIX A

# SITE MONITORING, INSPECTION AND MAINTENANCE FORMS

ROUX ASSOCIATES INC

Inspector: Meredith Harris

Date: 11/24/2003

Item	Action	Value	Notes	Corrective Action Suggested
MW-l <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	· <3	TOGS 1.1.1 Standard = 25 ug/l	None
MW-1ª	Ground-Water Elevation (ft MSL)	396.77		None
MW-2 <sup>a</sup>	Ground-Water Sample for Lead (ug/i)	<3	TOGS 1.1.1 Standard = 25 ug/l	None
MW-2ª	Ground-Water Elevation (ft MSL)	390.35		None
MW-5 <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	<3	TOGS 1.1.1 Standard = 25 ug/l	None
MW-5 <sup>a</sup>	Ground-Water Elevation (ft MSL)	387.46		None
MW-6 <sup>4</sup>	Ground-Water Sample for Lead (ug/l)	<3	TOGS 1.1.1 Standard = 25 ug/l	None
MW-6 <sup>a</sup>	Ground-Water Elevation (ft MSL)	410.92		None
MW-8 <sup>2</sup>	Ground-Water Sample for Lead (ug/l)	<3	TOGS 1.1.1 Standard = 25 ug/l	None
MW-8ª	Ground-Water Elevation (ft MSL)	387.03		None
MW-10 <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	<3	TOGS 1.1.1 Standard = 25 ug/l	None
MW-10 <sup>a</sup>	Ground-Water Elevation (ft MSL)	379.84		None
GV-1	Inspect for Damage		Vent in good condition	None
GV-2	Inspect for Damage		Vent in good condition	None
GV-3	Inspect for Damage		Vent in good condition	None
GV-4	Inspect for Damage		Vent in good condition	None
GV-5	Inspect for Damage		Vent in good condition	None
GV-6	Inspect for Damage		Vent in good condition	None
GV-7	Inspect for Damage		Vent in good condition	None
SW-1 <sup>b</sup>	SW Sample for Lead at Swales (ug/l)	<3	Below TOGS 1.1.1 Standard = 25 ug/l	None
SW-2 <sup>b</sup>	SW Sample for Lead at Northern Discharge (ug/l)	25	TOGS 1.1.1 Standard = 25 ug/l	None
Eastern Portion of Site <sup>c</sup>	Inspect Vegetation	Good	No erosion	None
Eastern Portion of Site <sup>c</sup>	Mow Grass	Good	Mowed in fall	Spring mowing
Cap Surface <sup>c</sup>	Inspect Vegetation	Good	No erosion	None
Cap Surface <sup>c</sup>	Mow Grass	Good	Mowed in fall	Spring mowing
Northern Wetland <sup>d</sup>	Inspect Vegetation	Good	No erosion, good coverage	None
Swales <sup>e</sup>	Inspect for Erosion	Good	No erosion. Some woody vegetation observed in swales.	Weed-whacking in spring

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Inspector: Meredith Harris

Date: 11/24/2003

Item	Action	Value	Notes	Corrective Action Suggested
Fence <sup>e</sup>	Inspect for Damage	Good		None
Signs on SC Fence <sup>e</sup>	Inspect for Damage	NA	Signs not installed yet	
Signs on GM Fence <sup>e</sup>	Inspect for Damage	NA	Signs not installed yet	
Access Road <sup>e</sup>	Inspect for Wear and Erosion	Good	No erosion	None
Drop Chute <sup>e</sup>	Inspect for Blockage	Good	Appears to be functioning as designed	None
Energy Dissipation Structures	Inspect for Damage	Good	No clogging or washout	None
Sitewide	Inspect for Major Erosion Problems	Good	No erosion	None
Sitewide <sup>e</sup>	Inspect for Significant Differential Settlement	Good	No Settlement noted	· None

MW = Ground-Water Monitoring Well

GV = Permanent Landfill Gas Vent

LEL = Lower Explosive Limit

SW = Surface Water

SC = Syracuse China

GM = General Motors Corporation

# Notes and Assumptions

### <sup>a</sup> Ground-Water Sampling

1. Ground-water sampling to be performed quarterly for years 1 and 2.

2. Ground-water sampling to be performed semi-annually for years 3 through 5.

3. Ground-water sampling to be performed annually for years 6 through 30.

4. NYSDEC will grant reduction of ground-water sampling, Part 360 requires quarterly sampling for minimum of 5 years.

### \* Surface-Water Sampling

1. Surface-water sampling to be performed quarterly for year 1.

2. No Surface-water sampling will be performed after year 1.

3. NYSDEC will grant reduction of surface-water sampling, Part 360 requires quarterly sampling for minimum of 5 years.

## <sup>c</sup> Landfill Mowing and Repairs

1. Landfill mowing to be performed semi-annually for years 1 through 30.

## <sup>4</sup> Wetlands Monitoring Activities

- 1. Wetlands inspection to be performed annually for years 1 through 5.
- 2. Wetlands monitoring report required in years 1, 2 and 5 per USACE permit.
- 3. One confirmatory wetlands delineation required in year 5.
- 4. Wetlands monitoring activities will be completed after year 5.
- 5. USACE accepts wetlands restoration after year 5, no further restoration required.

### <sup>4</sup>Annual Landfill Inspection and Reporting

1. One inspection to be performed annually for years 1 through 30.

Inspector: \_\_\_\_\_ Date:

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Paul Baltzersen

11/24/2003

Item	Action	Location	Value	Notes	Corrective Action Suggested
GV-1	Monitor for Hydrogen Sulfide		0 ppm		None
GV-1	Monitor for LEL		0%		None
GV-2	Monitor for Hydrogen Sulfide		0 ppm		None
GV-2	Monitor for LEL		0%		None
GV-3	Monitor for Hydrogen Sulfide	· · ·	0 ppm		None
GV-3	Monitor for LEL		0%		None
GV-4	Monitor for Hydrogen Sulfide		0 ppm		None
GV-4	Monitor for LEL		0%		None
GV-5	Monitor for Hydrogen Sulfide		0 ppm		None
GV-5	Monitor for LEL		0%		None
GV-6	Monitor for Hydrogen Sulfide		0 ppm		None
GV-6	Monitor for LEL		0%	***	None
GV-7	Monitor for Hydrogen Sulfide		0 ppm		None
GV-7	Monitor for LEL		0%		None
TG-1	Monitor for Hydrogen Sulfide		0 ppm		None
TG-1	Monitor for LEL		0%		None
TG-2	Monitor for Hydrogen Sulfide		0 ppm		None
TG-2	Monitor for LEL		0%		None
TG-3	Monitor for Hydrogen Sulfide		0 ppm		None
TG-3	Monitor for LEL		0%		None
TG-4	Monitor for Hydrogen Sulfide		0 ppm		None
TG-4	Monitor for LEL		0%	·····	None
TG-5	Monitór for Hydrogen Sulfide		0 ppm		None
TG-5	Monitor for LEL		0%		None

**REMEDIAL ENGINEERING, P.C.** 

Inspector:	Paul Baltzersen
Date:	11/24/2003

11/24/2003

Item	Action	Location	Value	Notes	Corrective Action Suggested
TG-6	Monitor for Hydrogen Sulfide		0 ppm		None
TG-6	Monitor for LEL		0%		None
TG-7	Monitor for Hydrogen Sulfide		0 ppm		None
TG-7	Monitor for LEL		0%		None

# Notes and Assumptions

e

GV = Landfill Gas Vent.

TG = Temprary Gas Monitoring Point (Points are placed at 400-foot intervals around the perimeter of the constructed cap).

LEL = Lower Explosive Limit.

Landfill gas sampling to be performed quarterly year 1.

Landfill gas sampling to be performed annually years 2 through 5.

No landfill gas sampling will be performed after year 5.

Inspector: Paul Baltzersen

Date: 3/23/2004

Item	Action	Value	Notes	Corrective Action Suggested
MW-1 <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	5	TOGS 1.1.1 Standard = 25 ug/l	Collect filtered sample
MW-1 <sup>a</sup>	Ground-Water Elevation (ft MSL)	399.25	••	None
MW-2ª	Ground-Water Sample for Lead (ug/l)	2	TOGS 1.1.1 Standard = 25 ug/l	Collect filtered sample
MW-2 <sup>a</sup>	Ground-Water Elevation (ft MSL)	390.53		None
MW-5 <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	4	TOGS 1.1.1 Standard = 25 ug/l	Collect filtered sample
MW-5 <sup>a</sup>	Ground-Water Elevation (ft MSL)	387.77	· · · · · · · · · · · · · · · · · · ·	None
MW-6 <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	2	TOGS 1.1.1 Standard = 25 ug/1	Collect filtered sample
MW-6 <sup>a</sup>	Ground-Water Elevation (ft MSL)	411.06		None
MW-8 <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	40	TOGS 1.1.1 Standard = 25 ug/1	Collect filtered sample
MW-8 <sup>a</sup>	Ground-Water Elevation (ft MSL)	389.08		None
MW-10 <sup>4</sup>	Ground-Water Sample for Lead (ug/l)	<1	TOGS 1.1.1 Standard = 25 ug/l	Collect filtered sample
MW-10 <sup>a</sup>	Ground-Water Elevation (ft MSL)	379.97		None
GV-1	Inspect for Damage	NA		None
GV-2	Inspect for Damage	NA		None
GV-3	Inspect for Damage	NA		None
GV-4	Inspect for Damage	NA		None
GV-5	Inspect for Damage	NA		None
GV-6	Inspect for Damage	NA	· · ·	None
GV-7	Inspect for Damage	NA		None
SW-1 <sup>b</sup>	SW Sample for Lead at Swales (ug/l)	<1	TOGS 1.1.1 Standard = 25 ug/l	None
SW-2 <sup>b</sup>	SW Sample for Lead at Northern Discharge (ug/l)	<1	TOGS 1.1.1 Standard = 25 ug/l	None
Eastern Portion of Site <sup>c</sup>	Inspect Vegetation	NA		None
Eastern Portion of Site <sup>c</sup>	Mow Grass	NA		Spring mowing
Cap Surface <sup>c</sup>	Inspect Vegetation	NA		None
Cap Surface <sup>c</sup>	Mow Grass	NA		Spring mowing
Northern Wetland <sup>d</sup>	Inspect Vegetation	NA		None
Swales <sup>c</sup>	Inspect for Erosion	NA		Weed-whacking in spring
Fence <sup>e</sup>	Inspect for Damage	NA		None

Inspector: Paul Baltzersen

Date: 3/23/2004

Item	Action	Value	Notes	Corrective Action Suggested
Signs on SC Fence <sup>e</sup>	Inspect for Damage	NA		To be installed
Signs on GM Fence <sup>e</sup>	Inspect for Damage	NA		To be installed
Access Road <sup>e</sup>	Inspect for Wear and Erosion	NA		None
Drop Chute <sup>e</sup>	Inspect for Blockage	NA		None
Energy Dissipation Structures <sup>6</sup>	Inspect for Damage	NA		None
Sitewide <sup>e</sup>	Inspect for Major Erosion Problems	NA		None
Sitewide	Inspect for Significant Differential Settlement	NA		None

MW = Ground-Water Monitoring Well

GV = Permanent Landfill Gas Vent

LEL = Lower Explosive Limit

### Notes and Assumptions

<sup>a</sup> Ground-Water Sampling

- 1. Ground-water sampling to be performed quarterly for years 1 and 2.
- 2. Ground-water sampling to be performed semi-annually for years 3 through 5.
- 3. Ground-water sampling to be performed annually for years 6 through 30.
- 4. NYSDEC will grant reduction of ground-water sampling, Part 360 requires quarterly sampling for minimum of 5 years.

### \*Surface-Water Sampling

1. Surface-water sampling to be performed quarterly for year 1.

2. No Surface-water sampling will be performed after year 1.

3. NYSDEC will grant reduction of surface-water sampling, Part 360 requires quarterly sampling for minimum of 5 years.

### <sup>c</sup> Landfill Mowing and Repairs

1. Landfill mowing to be performed semi-annually for years 1 through 30.

SW = Surface Water

SC = Syracuse China

GM = General Motors Corporation

### \* Wetlands Monitoring Activities

- 1. Wetlands inspection to be performed annually for years 1 through 5.
- 2. Wetlands monitoring report required in years 1, 2 and 5 per USACE permit.
- 3. One confirmatory wetlands delineation required in year 5.
- 4. Wetlands monitoring activities will be completed after year 5.
- 5. USACE accepts wetlands restoration after year 5, no further restoration required.

### <sup>4</sup>Annual Landfill Inspection and Reporting

1. One inspection to be performed annually for years 1 through 30.

Inspector:	Paul Baltzersen				
Date:	3/23/2004				
Item	Action	Location	Value	Notes	Corrective Action Suggested
GV-1	Monitor for Hydrogen Sulfide		0 ppm		None
GV-1	Monitor for LEL	· · · · · · · · · · · · · · · · · · ·	0%		None
GV-2	Monitor for Hydrogen Sulfide		0 ppm		None
GV-2	Monitor for LEL		0%		None
GV-3	Monitor for Hydrogen Sulfide		0 ppm	+*	None
GV-3	Monitor for LEL		0%	`	None
GV-4	Monitor for Hydrogen Sulfide		0 ppm		None
GV-4	Monitor for LEL	••••••••••••••••••••••••••••••••••••••	0%		None
GV-5	Monitor for Hydrogen Sulfide		0 ppm		None
GV-5	Monitor for LEL		0%		None
GV-6	Monitor for Hydrogen Sulfide		0 ppm		None
GV-6	Monitor for LEL		0%		None
GV-7	Monitor for Hydrogen Sulfide		0 ppm		None
GV-7	Monitor for LEL		0%		None
TG-1	Monitor for Hydrogen Sulfide		0 ppm		None
TG-1	Monitor for LEL		0%		None
TG-2	Monitor for Hydrogen Sulfide		0 ppm		None
TG-2	Monitor for LEL		0%		None
TG-3	Monitor for Hydrogen Sulfide	·	0 ppm		None
TG-3	Monitor for LEL		0%		None
TG-4	Monitor for Hydrogen Sulfide		0 ppm		None
TG-4	Monitor for LEL		0%		None
TG-5	Monitor for Hydrogen Sulfide		0 ppm	••	None
TG-5	Monitor for LEL		0%		None

Paul Baltzersen Inspector:

3/23/2004

Date:

Item	Action	Location	Value	Notes	Corrective Action Suggested
TG-6	Monitor for Hydrogen Sulfide		0 ppm	##	None
TG-6	Monitor for LEL		0%		None

# Notes and Assumptions

GV = Landfill Gas Vent.

TG = Temprary Gas Monitoring Point (Points are placed at 400-foot intervals around the perimeter of the constructed cap).

LEL = Lower Explosive Limit.

Landfill gas sampling to be performed quarterly year 1. Landfill gas sampling to be performed annually years 2 through 5.

No landfill gas sampling will be performed after year 5.

Paul Baltzersen

Inspector:

6/29/2004 Date: Corrective Action Suggested Value Notes Item Action Ground-Water Sample for Lead (ug/l) 5 TOGS 1.1.1 Standard = 25 ug/l MW-1ª None MW-1<sup>a</sup> Ground-Water Elevation (ft MSL) 396.38 None ---MW-2<sup>a</sup> Ground-Water Sample for Lead (ug/l) <1 TOGS 1.1.1 Standard = 25 ug/l None 388.56 Ground-Water Elevation (ft MSL) MW-2<sup>ª</sup> ---None 5 TOGS 1.1.1 Standard = 25 ug/l MW-5ª Ground-Water Sample for Lead (ug/l) None 386.82 MW-5ª Ground-Water Elevation (ft MSL) None --6 TOGS 1.1.1 Standard = 25 ug/l MW-6ª Ground-Water Sample for Lead (ug/l) None 408.47 MW-6<sup>a</sup> Ground-Water Elevation (ft MSL) --None TOGS 1.1.1 Standard = 25 ug/l 2 MW-8ª Ground-Water Sample for Lead (ug/l) None MW-8ª Ground-Water Elevation (ft MSL) 388.55 None --Ground-Water Sample for Lead (ug/l) <1 TOGS 1.1.1 Standard = 25 ug/l None MW-10<sup>a</sup> Ground-Water Elevation (ft MSL) 379.94 MW-10<sup>a</sup> None ---GV-1 Inspect for Damage NA None --GV-2 Inspect for Damage NA --None GV-3 -Inspect for Damage NA --None GV-4 Inspect for Damage NA None --GV-5 Inspect for Damage NA None --GV-6 NA Inspect for Damage --None GV-7 Inspect for Damage NA None ---SW-1<sup>b</sup> SW Sample for Lead at Swales (ug/l) 2 TOGS 1.1.1 Standard = 25 ug/l None SW-2<sup>b</sup> SW Sample for Lead at Northern Discharge (ug/l) <1 TOGS 1.1.1 Standard = 25 ug/l None Eastern Portion of Site<sup>c</sup> Inspect Vegetation NA --None Mow Grass NA Eastern Portion of Site<sup>c</sup> Fall mowing --Inspect Vegetation Cap Surface<sup>c</sup> NA --None Cap Surface<sup>c</sup> Mow Grass NA Fall mowing ---Northern Wetland<sup>d</sup> Inspect Vegetation NA None --Swales NA Inspect for Erosion Weed-whacking --Fence Inspect for Damage NA --None

Inspector: Paul Baltzersen

Date: 6/29/2004

Item	Action	Value	Notes	Corrective Action Suggested
Signs on SC Fence	Inspect for Damage	NĄ		To be installed
Signs on GM Fence <sup>c</sup>	Inspect for Damage	NA		To be installed
Access Road <sup>e</sup>	Inspect for Wear and Erosion	NA		None
Drop Chute <sup>e</sup>	Inspect for Blockage	· NA		None
Energy Dissipation Structures <sup>6</sup>	Inspect for Damage	NA		None
Sitewide <sup>c</sup>	Inspect for Major Erosion Problems	NA		None
Sitewide <sup>e</sup>	Inspect for Significant Differential Settlement	NA		None

MW = Ground-Water Monitoring Well

GV = Permanent Landfill Gas Vent

LEL = Lower Explosive Limit

## Notes and Assumptions

### <sup>a</sup> Ground-Water Sampling

- 1. Ground-water sampling to be performed quarterly for years 1 and 2.
- 2. Ground-water sampling to be performed semi-annually for years 3 through 5.
- 3. Ground-water sampling to be performed annually for years 6 through 30.
- 4. NYSDEC will grant reduction of ground-water sampling, Part 360 requires quarterly sampling for minimum of 5 years.

## \*Surface-Water Sampling

1. Surface-water sampling to be performed quarterly for year 1.

- 2. No Surface-water sampling will be performed after year 1.
- 3. NYSDEC will grant reduction of surface-water sampling, Part 360 requires quarterly sampling for minimum of 5 years.

### <sup>c</sup>Landfill Mowing and Repairs

1. Landfill mowing to be performed semi-annually for years 1 through 30.

SW = Surface Water

SC = Syracuse China

GM = General Motors Corporation

### "Wetlands Monitoring Activities

- 1. Wetlands inspection to be performed annually for years 1 through 5.
- 2. Wetlands monitoring report required in years 1, 2 and 5 per USACE permit.
- 3. One confirmatory wetlands delineation required in year 5.
- 4. Wetlands monitoring activities will be completed after year 5.
- 5. USACE accepts wetlands restoration after year 5, no further restoration required.

## <sup>4</sup>Annual Landfill Inspection and Reporting

1. One inspection to be performed annually for years 1 through 30.

Inspector: Date:	Paul Baltzersen 6/29/2004				
Item	Action	Location	Value	Notes	Corrective Action Suggested
GV-1	Monitor for Hydrogen Sulfide	Landfill Cap	0 ppm	**	None
GV-1	Monitor for LEL	Landfill Cap	0%		None
GV-2	Monitor for Hydrogen Sulfide	Landfill Cap	0 ppm		None
GV-2	Monitor for LEL	Landfill Cap	0%		None
GV-3	Monitor for Hydrogen Sulfide	Landfill Cap	0 ppm		None
GV-3	` Monitor for LEL	Landfill Cap	0%		None
GV-4	Monitor for Hydrogen Sulfide	Landfill Cap	0 ppm		None
GV-4	Monitor for LEL	Landfill Cap	0%		None
GV-5	Monitor for Hydrogen Sulfide	Landfill Cap	0 ppm		None
GV-5	Monitor for LEL	Landfill Cap	0%		None
GV-6	Monitor for Hydrogen Sulfide	Landfill Cap	0 ppm		None
GV-6	Monitor for LEL	Landfill Cap	0%		None
GV-7	Monitor for Hydrogen Sulfide	Landfill Cap	0 ppm		None
GV-7	Monitor for LEL	Landfill Cap	0%		None
TG-1	Monitor for Hydrogen Sulfide	Site Perimeter	0 ppm		None
TG-1	Monitor for LEL	Site Perimeter	0%		None
TG-2	Monitor for Hydrogen Sulfide	Site Perimeter	0 ppm		None
TG-2	Monitor for LEL	Site Perimeter	0%	N=	None
TG-3	Monitor for Hydrogen Sulfide	Site Perimeter	0 ppm		None
TG-3	Monitor for LEL	Site Perimeter	0%		None
TG-4	Monitor for Hydrogen Sulfide	Site Perimeter	0 ppm		None
TG-4	Monitor for LEL	Site Perimeter	0%		None
TG-5	Monitor for Hydrogen Sulfide	Site Perimeter	0 ppm		None
TG-5	Monitor for LEL	Site Perimeter	0%		None

Inspector:	Paul Baltzersen			I	
Date:	6/29/2004				
Item	Action	Location	Value	Notes	Corrective Action Suggested
TG-6	Monitor for Hydrogen Sulfide	Site Perimeter	0 ppm	,	None
TG-6	Monitor for LEL	Site Perimeter	0%		None

# Notes and Assumptions

 $\neg$  GV = Landfill Gas Vent.

TG = Temprary Gas Monitoring Point (Points are placed at 400-foot intervals around the perimeter of the constructed cap).

LEL = Lower Explosive Limit.

Landfill gas sampling to be performed quarterly year 1.

Landfill gas sampling to be performed annually years 2 through 5.

No landfill gas sampling will be performed after year 5.

Inspector: Paul Baltzersen

# Date: 9/16/2004

Item	Action	Value	Notes	Corrective Action Suggested
MW-1 <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	<1	TOGS 1.1.1 Standard = 25 ug/l	None
MW-1 <sup>a</sup>	Ground-Water Elevation (ft MSL)	398.6		None
MW-2*	Ground-Water Sample for Lead (ug/l)	<1	TOGS 1.1.1 Standard = 25 ug/l	None
MW-2 <sup>a</sup>	Ground-Water Elevation (ft MSL)	388.87		None
MW-5 <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	<1	TOGS 1.1.1 Standard = 25 ug/l	None
MW-5ª	Ground-Water Elevation (ft MSL)	387.39		None
MW-6ª	Ground-Water Sample for Lead (ug/l)	<1	TOGS 1.1.1 Standard = 25 ug/l	None
MW-6 <sup>a</sup>	Ground-Water Elevation (ft MSL)	409.86		None
MW-8 <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	<1	TOGS 1.1.1 Standard = 25 ug/l	None
MW-8ª	Ground-Water Elevation (ft MSL)	388.4	<u></u>	None
MW-10 <sup>a</sup>	Ground-Water Sample for Lead (ug/l)	<1	TOGS 1.1.1 Standard = 25 ug/l	None
MW-10 <sup>a</sup>	Ground-Water Elevation (ft MSL)	380.03		None
GV-1	Inspect for Damage	NA		None
GV-2	Inspect for Damage	NA		None
GV-3	Inspect for Damage	NA	· · · · · · · · · · · · · · · · · · ·	None
GV-4	Inspect for Damage	NA		None
GV-5	Inspect for Damage	NA	-	None
GV-6	Inspect for Damage	NA		None
GV-7	Inspect for Damage	NA	•	None
SW-1 <sup>b</sup>	SW Sample for Lead at Swales (ug/l)	<1	TOGS 1.1.1 Standard = 50 ug/l	None
SW-2 <sup>b</sup>	SW Sample for Lead at Northern Discharge (ug	8	TOGS 1.1.1 Standard = 50 ug/l	None
Eastern Portion of Site <sup>c</sup>	Inspect Vegetation	NA		None
Eastern Portion of Site <sup>c</sup>	Mow Grass	NA		Spring mowing
Cap Surface <sup>c</sup>	Inspect Vegetation	NA		None
Cap Surface <sup>c</sup>	Mow Grass	NA		Spring mowing

5

Inspector: Paul Baltzersen

# Date: 9/16/2004

Item	Action	Value	Notes	Corrective Action Suggested
Northern Wetland <sup>d</sup>	Inspect Vegetation	NA		None
Swales <sup>e</sup>	Inspect for Erosion	NA		Weed-whacking in spring
Fence	Inspect for Damage	NA		None
Signs on SC Fence <sup>e</sup>	Inspect for Damage	NA		To be installed
Signs on GM Fence <sup>e</sup>	Inspect for Damage	NA		To be installed
Access Road <sup>e</sup>	Inspect for Wear and Erosion	NA		None
Drop Chute <sup>e</sup>	Inspect for Blockage	NA		None
Energy Dissipation Structures <sup>e</sup>	Inspect for Damage	NA		None
Sitewide <sup>e</sup>	Inspect for Major Erosion Problems	NA		None
Sitewide <sup>e</sup>	Inspect for Significant Differential Settlement	NA		None

MW = Ground-Water Monitoring Well

- GV = Permanent Landfill Gas Vent
- LEL = Lower Explosive Limit

# Notes and Assumptions

# <sup>a</sup> Ground-Water Sampling

- 1. Ground-water sampling to be performed quarterly for years 1 and 2.
- 2. Ground-water sampling to be performed semi-annually for years 3 through 5.
- 3. Ground-water sampling to be performed annually for years 6 through 30.
- 4. NYSDEC will grant reduction of ground-water sampling, Part 360 requires quarterly sampling for minimum of 5

# \* Surface-Water Sampling

- 1. Surface-water sampling to be performed quarterly for year 1.
- 2. No Surface-water sampling will be performed after year 1.
- 3. NYSDEC will grant reduction of surface-water sampling, Part 360 requires quarterly sampling for minimum of 5 years.

# <sup>c</sup> Landfill Mowing and Repairs

1. Landfill mowing to be performed semi-annually for years 1 through 30.

# SW = Surface Water

SC = Syracuse China

GM = General Motors Corporation

# <sup>4</sup> Wetlands Monitoring Activities

- 1. Wetlands inspection to be performed annually for years 1 through 5.
- 2. Wetlands monitoring report required in years 1, 2 and 5 per USACE permit.
- 3. One confirmatory wetlands delineation required in year 5.
- 4. Wetlands monitoring activities will be completed after year 5.
- 5. USACE accepts wetlands restoration after year 5, no further restoration required.

# <sup>e</sup>Annual Landfill Inspection and Reporting

1. One inspection to be performed annually for years 1 through 30.

Inspector:

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Paul Baltzersen 9/16/2004 Date:

Item	Action	Location	Value	Notes	Corrective Action Suggested
GV-1	Monitor for Hydrogen Sulfide		0 ppm		None
GV-1	Monitor for LEL		0%		None
GV-2	Monitor for Hydrogen Sulfide		0 ppm		None
GV-2	Monitor for LEL		0%		None
GV-3	Monitor for Hydrogen Sulfide	· ·	0 ppm		None
GV-3	Monitor for LEL		0%		None
GV-4	Monitor for Hydrogen Sulfide		0 ppm		None
GV-4	Monitor for LEL		0%		None
GV-5	Monitor for Hydrogen Sulfide		0 ppm		None
GV-5	Monitor for LEL		0%		None
GV-6	Monitor for Hydrogen Sulfide		0 ppm		None
GV-6	Monitor for LEL		0%		None
GV-7	Monitor for Hydrogen Sulfide		0 ppm		None
GV-7	Monitor for LEL		0%		None
TG-1	Monitor for Hydrogen Sulfide	· ·	0 ppm		None
TG-1	Monitor for LEL		0%		None
TG-2	Monitor for Hydrogen Sulfide		0 ppm		None
TG-2	Monitor for LEL		0%		None
TG-3	Monitor for Hydrogen Sulfide		0 ppm		None
TG-3	Monitor for LEL		0%		None
TG-4	Monitor for Hydrogen Sulfide		0 ppm		None
TG-4	Monitor for LEL		0%		None
TG-5	Monitor for Hydrogen Sulfide		0 ppm		None

REMEDIAL ENGINEERING, P.C.

inspector:

Paul Baltzersen

Date: 9/16/2004

Item	Action	Location	Value	Notes	Corrective Action Suggested
TG-5	Monitor for LEL		0%		None
TG-6	Monitor for Hydrogen Sulfide		0 ppm		None
TG-6	Monitor for LEL		0%		None

# Notes and Assumptions

GV = Landfill Gas Vent.

TG = Temporary Gas Monitoring Point (Points are placed at 400-foot intervals around the perimeter of the constructed cap).

LEL = Lower Explosive Limit.

Landfill gas sampling to be performed quarterly year 1.

Landfill gas sampling to be performed annually years 2 through 5.

No landfill gas sampling will be performed after year 5.

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APPENDIX B

# APPENDIX B

# PHOTOGRAPHS

ROUX ASSOCIATES INC



Photo 1: Northwest portion of the site as seen from the landfill cap.



Photo 2: Northeast portion of the site as seen from the landfill cap.



Photo 3: Southern side of the landfill cap. Photo looks west.

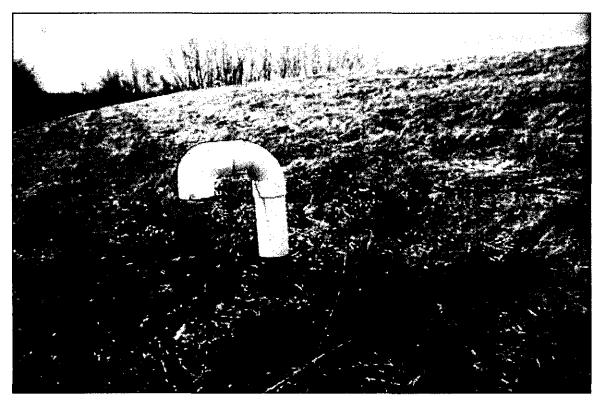


Photo 4: Typical landfill gas vent.



Photo 5: Drainage swale located on the northern portion of the landfill. Photo looks southeast.



Photo 6: Landfill drainage outlet structure. Photo looks east.

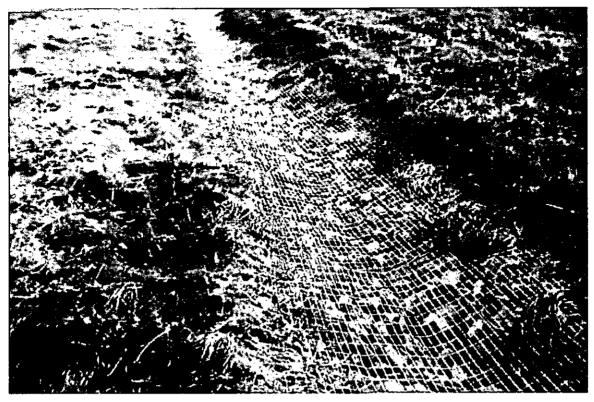


Photo 7: Drop chute on the northern portion of the landfill cap. Photo looks south.



Photo 8: Base of drop chute. Photo looks southeast.

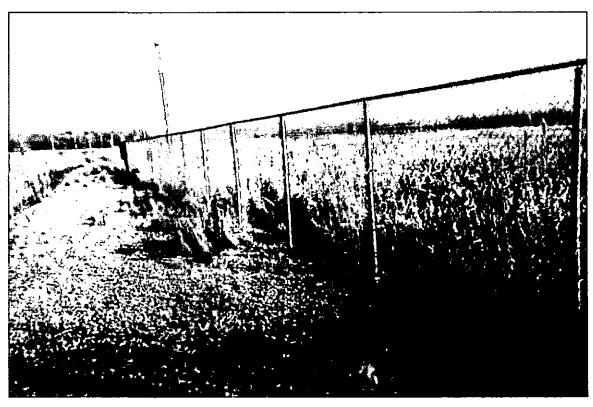
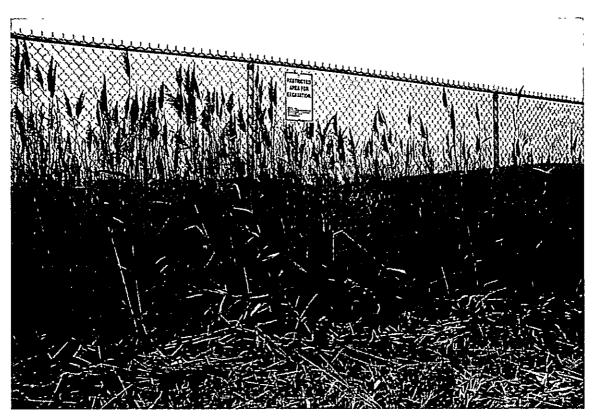


Photo 9: Northern portion of the fence along Factory Avenue. Photo looks east.



Photo 10: Access road and southern portion of the fence. Photo looks east.



**Photo 11:** Typical "RESTRICTED AREA FOR EXCAVATION..." sign installed on the Syracuse China fence.



**Photo 12:** Typical "RESTRICTED AREA FOR EXCAVATION..." sign installed on posts within the right-of-way on the north side of Factory Avenue.

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### **APPENDIX C**

## UPSTATE LABORATORIES, INC. ANALYTICAL REPORTS



Shipping: 6034 Corporate Dr. • E. Syracuse, NY 13057-1017 • (315) 437-0255 • Fax (315) 437-1209\_

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Buffalo (716) 649-2533 Rochester (585) 436-9070 New Jersey (201) 343-5353

January 20, 2004

Ms. Meredith Harris Roux Associates, Inc. 1222 Forest Parkway Suite 190 West Deptford, NJ 08066

Analysis Report #32903009 - Syracuse China Landfill Re: (Rerun)

Dear Ms. Harris:

Per your conversation with my office, please find enclosed the additional results for your samples which were collected by ULI personnel on November 24, 2003.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony 🖅 Scala Director

AJS/jd

Enclosure: report

cc/enc: N. Scala, ULI file

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages.

TE: 01/20/04

Upstate Laboratories, Inc. Analysis Results port Number: 32903009 ient I.D.: ROUX ASSOCIATES, INC.

APPROVAL: QC: Lab I.D.: 10170 Sampled by: ULI

#### ID: 32903009 Mat: Water SYRACUSE CHINA LF MW-1 1240H 11/24/03 G

RESULTS TIME DATE ANAL. KEY KEY FILE#

PARAMETERS	RESULTS	TIME	DATE ANAL. B	CEY KEY	FILE#
· · · · · · · · · · · · · · · · · · ·				••••	
Field Eh	- 2 0 m V		11/24/03		FIELD
Field pH	7.27SU		11/24/03		FIELD
Field Specific Conductivity	703umhos/cm	•	11/24/03		FIELD
Field Turbidity	18.2NTU		11/24/03		FIELD
Temperature	14.4degC		11/24/03		FIELD
Lead by Low Level	<0.003mg/1		12/17/03		MB5974

#### ID:32903010 Mat:Water SYRACUSE CHINA LF MW-2 1215H 11/24/03 G

PARAMETERS	RESULTS	TIME	DATE ANAL. KEY	KEY	FILE#
•••••	· · · · · · · ·				
Field Eh	- 3 2mV		11/24/03		FIELD
Field pH	7.55SU		11/24/03		FIELD
Field Specific Conductivity	1107umhos/cm		11/24/03		FIELD
Field Turbidity	10.9NTU		11/24/03		FIELD
Temperature	14.6degC		11/24/03		FIELD
Lead by Low Level	<0.003mg/1		12/17/03		M65974

#### ID:32903011 Mat:Water SYRACUSE CHINA LF MW-5 1220H 11/24/03 G

PARAMETERS	RESULTS	TIME	DATE ANAL. KEY	KEY FILE#
Field Sh	-35mV		11/24/03	FIELD
Field pH	7.52SU		11/24/03	PIELD
Field Specific Conductivity	997umhos/cm		11/24/03	FIELD
Field Turbidity	4.99NTU		11/24/03	FIELD
Temperature	13.ldegC		11/24/03	FIELD
Lead by Low Level	<0.003mg/l		12/17/03	MB 5 9 4 6

#### ID:32903012 Mat:Water SYRACUSE CHINA LF MW-6 1250H 11/24/03 G

PARAMETERS	RESULTS	TIME DATE ANAL. KEY KEY FILE#	:
			-
Field Eh	- 30mV	11/24/03 FIELD	I
Field pH	7.45SU	11/24/03 FIELD	)
Field Specific Conductivity	890umhos/cm	11/24/03 FIELD	1
Field Turbidity	33.9NTU	11/24/03 FIELD	
Temperature	14.7degC	11/24/03 FIELD	
Lead by Low Level	<0.003mg/1	12/17/03 MB597	4

ATE: 01/20/04 APPROVAL: Upstate Laboratories, Inc. <u>A</u>nalysis Results aport Number: 32903009 Lab I.D.: 10170 lient I.D.: ROUX ASSOCIATES, INC. Sampled by: ULI D: 32903013 Mat: Water SYRACUSE CHINA LF MW-8 1230H 11/24/03 G RESULTS TIME DATE ANAL. KEY KEY FILE# PARAMETERS --------- -----------25mV 11/24/03 FIRLD Field Eh 11/24/03 FIELD Field pH 7.3550 2270umhos/cm 11/24/03 FIELD Field Specific Conductivity 11/24/03 Field Turbidity 8.63NTU Pield 11/24/03 Temperature 13.2degC FIELD <0.003mg/l 12/17/03 MB5974 Lead by Low Level ID:32903014 Mat:Water SYRACUSE CHINA LF MW-10 1225H 11/24/03 G -RESULTS TIME DATE ANAL. KEY KEY FILE# PARAMETERS ---- ----- ---- -----. . . . . . . ..... , Field Eh 11/24/03 - 20mV FIELD 11/24/03 FIRLD Field pH 7.32SU 1871umhos/cm .. 11/24/03 FIELD Field Specific Conductivity 48.9NTU 11/24/03 FIELD Field Turbidity 11/24/03 13.4degC FIELD Temperature <0.003mg/l 12/17/03 ਲੱਡ 5 9 7 4 Lead by Low Level ID: 32903015 Mat: Water SYRACUSE CHINA LF SW-1 1330H 11/24/03 G PARAMETERS RESULTS TIME DATE ANAL. KEY KEY FILE# --------- ----- --- ----------11/24/03 FIELD -65mV Field gh 8.16SU 11/24/03 FIELD Field pH 11/24/03 FIELD 645umhos/cm Field Specific Conductivity 6.65NTU 11/24/03 RTELD Field Turbidity 11/24/03 17.5degC FIELD Temperature <0.003mg/1 12/17/03 MB5974 Lead by Low Level LD:32903016 Mat:Water SYRACUSE CHINA LF SW-2 1340H 11/24/03 G TIME DATE ANAL, KEY KEY FILE# PARAMETERS RESULTS .... . . . . . . . ---- ----- --- ----Field Eh -90mV 11/24/03 FIELD 11/24/03 Field pR 8.56SU FIELD 708umhos/cm 11/24/03 FIELD Field Specific Conductivity 11/24/03 Field Turbidity 19.6NTU FIELD 17.2deqC 11/24/03 FIELD Temperature 0.025mg/l 12/17/03 MB5974 Lead by Low Level

Upstate La	ooratories, In Bour A	C. Ground ssociates, li		d Log	File: TS-30-	-01 Revise	d: 12/200	D1
Project:	······································	e China Lan		 101	ID No. (en	lor by Job)		
Well ID.:	Oyracus	MW-1	<u>unn</u>	ULI	10 140. (en	ter by laby		
•••ci10								
Condition of W	ell:	GOOD		Locked	:	NO	·······	
Method of Eva	cuation: DE	EDICATED BAIL	.ER	Lock IC	:	N/A		
Method of Sam	pling:DE	DICATED BAIL	ER					
▲ ▲ ▲	<u> </u>	A.	Diameter of	Well		2"	inc	ches
	TOP	. В.	Well Depth I	Measured		24.5	fee	et
		C.	Depth to Wa	ter		17.01	fee	et
		_ D.	Length of W	ater Column (d	calculated)	7.49	fee	et
	WATER		Conversion.	Factor		X.16		
			Well Volume	(calculated)		1.1984	ga	llons
				nes to be Evac		X 3		
$\downarrow$ $\downarrow$ $\downarrow$				e to be Evacua ne Evacuated	ited	3.5952		llons
T	SILT	E.		l Depth (if kno	wn)		_ gai fee	loņs t
$\downarrow$		F.	Depth of Silt		,	N/a	fee	
Field	Initial	Fir	al		% Recha	rae.		
Measurements	Evacuation		mpling			oth to Water	17.01	fee
Date Time	11/24/2003 11:30 AM		11/24/2003 12:40 PM			epth to Water	17.22	fee
EH	40	<u> </u>	-20	🐰				
Temperature	<u>15.2 c</u>		14.4 c		2nd water	column height	97.198	63_%
ρH	7.71		7.27	📗	1st water	column height	1	
Specific Cond.	817	<u> </u>	703	🛯				
	4.21		18.2	📓	Elevation(To			fee
Dissolved Oxygen Appearance	N/A clear		N/A clear		G.W. Elev	ation= on =Top of Case Ele	ev-Total D	feel
Veather:	55 f sunny		55 f sunny		Sampler:			
Observations:					Paul Baltz Signature:			

Upstate La Client: Project: Well ID.;	Syracuse	C. Groun sociates, I China Lar MW-2			ile: TS-30- ID No: (en		d: 12/20	01
Condition of W		GOOD		Locked:	···	NO	<u> </u>	
Method of Eval	·	DICATED BAI		Lock ID:	:	<u>N/A</u>		-
		<sup>.</sup> А. В.	Diameter o Well Depth				in fe	ches et
		C.	Depth to W			4.49	fe	
		D.	Length of V	Vater Column (c	alculated)	8.61	fe	et
B ▲     E	WATER LEVEL		Conversion Well Volum	e (calculated)		<u> </u>	 0a	 llons
				mes to be Evacu	uated	X 3		
				ne to be Evacuat	ted	4.1328	_ ga	llons
►	SILT	E.		me Evacuated ell Depth (if knov	vn)	4.5 N/A	_ ga fee	llons et
$\downarrow \downarrow$		F.		t (calculated		N/a	fee	et
Field Measurements	Initial Evacuation		nal ampling		% Rechar	ge: th to Water	4.49	feet
Date Time	11/24/2003 10:00 AM		11/24/200 12:15 PN	22223		epth to Water	4.53	feet
EH Temperature	<u>-45</u> 15.0 c		<u>-32</u> 14.6 c		2nd water	column height	99.53	54 %
pH	8.12		7.55	<u> </u>	<u> </u>	column height		<del></del>
Specific Cond.	1099		1107					
Turbidity	2.17		10.9		Elevation(To	p of Casing)		feet
Dissolved Oxygen	N/A		N/A	·	G.W. Elev			feet
Appearance Weather: Observations:	clear 55 f sunny		clear 55 f sunny	 /	Sampler: Paul Baltz Signature:			epth 
)						Yan Galt		

Upstate La	boratories, Inc	C. Groun	d water F	ield Log	File: TS-30-	01 Revised	d: 12/20(	D1
Client:	Roux Associates, Inc.							
Project:	Syracuse	e China La	ndfill	UL	LID No. (ent	er by lab)		
Well ID.;		<u>MW-5</u>						
					· ·			
Condition of W	ell:	GOOD		_ Locke	d:	NO		
Method of Eva	cuation: <u>DE</u>	DICATED BA	ILER	Lock I	D:	<u>N/A</u>		
Method of Sam	npling: DE(	DICATED BA		-				
▲ ▲ ↑ ↑ ↑		A.	Diamete	r of Well		2"	inc	ches
	TOP	. В.	Well Dep	oth Measured		13.4	fee	et
		C.	Depth to	Water		2.94	fee	et
		、 D.	Length o	f Water Column (	(calculated)	10.46	fee	et
B ▲	WATER	· .	Conversi	on Factor		X.16		
			Well Volu	ume (calculated)		1.6736	ga	llons
			No. of Vo	olumes to be Eva	cuated	<u>X 3</u>		-
			Total Vol	ume to be Evacu	ated	5.0208	gal	llons
			Actual Vo	olume Evacuated		5	gal	lons
F	SILT	E.	Installed	Well Depth (if kn	own)	N/A	fee	t
<b>↓</b> ↓		F.	Depth of	Silt (calculated		N/a	fee	t
Field	Initial		inal		% Rechar	ge:		
Measurements	Evacuation	S	ampling		Initial Dep	th to Water	2.94	feet
Date Time	<u>11/24/2003</u> 10:30 AM	<u> </u>	<u>11/24/2</u> 12:20 F	%	Recharge D	epth to Water	4.25	feet
EH	-40	<u> </u>	-35		in conarge De		<u>7.27</u>	
Temperature	14.8 c		<u>35</u> 13.1		2nd water	column height	87.47	51 %
pH	7.61		7.52			column height		<u> </u>
Specific Cond.	1097	_ <del>_</del>	997	*				
Turbidity	42.6		4.99	······································	Elevation(To	p of Casing)		feet
Dissolved Oxygen	N/A		N/A		G.W. Elev	ation=		feet
Appearance	cloudy		clear	•	G.W.Elevatio	n =Top of Case Ele	ev-Total D	epth
Weather:	55 f sunny		55 f sur	<u>ny</u>	Sampler:			
Observations:					Paul Baltz Signature:		1	
			~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~~			Fand Fall		
						·		

Upstate Lat	Syracuse	C. Groun sociates, China La MW-6	Inc.		File: TS-30- ID No: (ent		1: 12/20	01
Condition of We	eli:	GOOD		Locked	:	NO		
Method of Evac	uation: DEI	DICATED BA	ILER	Lock ID	•	N/A		
Method of Sam	pling: DEI	DICATED BA	ILER				,	
<b>↑</b> ↑ ↑		А.	Diameter of	Well		2"	in	ches et et allons illons et
		В.	Well Depth	Measured		15.36	fe	et
		C.	Depth to Wa	ater		3.78	fe	et
		D.	Length of W	/ater Column (d	calculated)	11.58	fe	et
B ♠	WATER		Conversion	Factor		X.16		
	LEVEL		Well Volume	e (calculated)		1.8528	_ ga	allons
			No, of Volun	nes to be Evad	uated	X 3	. <b></b>	
			Total Volum	e to be Evacua	ited	5.5584	ga	illons
│			Actual Volur	ne Evacuated		6	_ ga	illons
F	SILT	E.	Installed We	II Depth (if kno	wn)	N/A	fee	et
$\downarrow$		F.	Depth of Silt	(calculated		N/a	fee	et
			iaal		% Osebo	-		
Field Measurements	Initial Evacuation		inal ampling		% Rechar	•		£
Date	11/24/2003		11/24/2003			th to Water	3.78	feet
Time EH	<u>11:45 AM</u> -40		12:50 PM -30		Recharge D	epth to Water	3.75	feet
Temperature.	14.8 c		<u>-50</u>		2nd water	column height	100.2	.59 %
рН	7.62		7.45		****	column height		
Specific Cond.	723	- <u> </u>	890					
Turbidity	12.6	— — — · · · · —	33.9		Elevation(To	p of Casing)		feet
Dissolved Oxygen	N/A	<u> </u>	N/A	<u> </u>	G.W. Elev			feet
Appearance	slightly cloudy		slightly cloud			on =Top of Case Ele	ev-Total D	Depth
Weather:	55 f sunny	<u></u>	55 f sunny	<u></u>	Sampler:		•	Ű
Observations:		<u></u>			Paul Baltz Signature:			
						Jan Kat		<u> </u>

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Upstate Lat Client: Project: Welf ID.:	oratories, Inc. Roux Ass Syracuse C	ociates,		g File: TS-30 ULI ID No. (er		d: 12/2001
Condition of We	·II:	GOOD		Locked:	NO	
Method of Evac	uation: DEDIC	CATED BA	ILER	Lock ID:	N/A	- -
Method of Sam	pling: DEDIC	ATED BA	ILER			
	TOP WATER LEVEL	А. В. С. D. E. F.	Diameter of Well Well Depth Measu Depth to Water Length of Water C Conversion Factor Well Volume (calc No, of Volumes to Total Volume to be Actual Volume Eva Installed Well Dep	column (calculated) r ulated) be Evacuated e Evacuated acuated th (if known)	2" 20.73 5.84 14.89 X.16 2.3824 X 3 7.1472 7 N/A N/a	inches feet feet feet gallons gallons gallons feet
Field Measurements	Initial Evacuation	F	inal ampling	% Recha	irge:	
Date Time EH	<u>11/24/2003</u> <u>11:05 AM</u> -20	_	11/24/2003 12:30 PM -25		pth to Water	5.84 feet 5.54 feet
Temperature	14.8 c	_	13.2 c	2nd wate	r column height	102.015 %
рН	7.29		7.35	1st water	column height	
Specific Cond.	2390 67.5		<u> </u>	Elson Marcold	an of Coning)	feet
Turbidity Dissolved Oxygen	<u>67.5</u> N/A		<u>8.63</u> N/A	G.W. Ele	op of Casing)	feet
Appearance	orange			222280	ion =Top of Case Ele	
Weather: Observations:	55 f sunny	· · · · · · · · · · · · · · · · · · ·	55 f sunny	Sampler: Paul Balt Signature		· 

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Upstate Lat	ooratories, Inc. Roux Ass Syracuse M	ociates,	Inc.		File: TS-30-		d: 12/20	01
Condition of We	ell:	GOOD		Locke	:d:	NO		
Method of Evac	uation: DEDI	CATED BA	ILER	Lock I	D:	N/A		
Method of Sam	oling:DEDI	CATED BA	ILER					
<b>↑</b> ↑ ↑		A.	Diameter of	fWell		2"	in	ches
		В.	Well Depth	Measured		13	fe	et
		C.	Depth to W	ater		2.71	fe	et
		D.	Length of W	/ater Column	(calculated)	10.29	fe	et
B ▲	WATER		Conversion	Factor		X.16		
	LEVEL		Well Volum	e (calculated)		1.6464	ga	llons
			No. of Volur	nes to be Eva	cuated	X 3		
			Total Volum	e to be Evacu	uated	4.9392	ga	Ilons  Ilons Ilons et
◆ ◆ ↓			Actual Volu	ne Evacuated	1	6	ga	llons
F	SILT	E.	Installed We	ell Depth (if kn	own)	N/A	fee	et
		F.	Depth of Sill			N/a	— fee	et
				`	•		—	
Field Measurements	Initial Evacuation		inal ampling		% Rechar	rge; th to Water	2.71	_ feet
Date Time	<u>11/24/2003</u> 10:50 AM		11/24/2003 12:25 PM		Pecharma Dr	epth to Water	2.82	feėt
EH	-10		-20	<b> </b>	Recharge De		2.02	
Temperature	13.8 c		13,4 c		2nd water	column height	98.93	31 %
рH	7.13		7.32		1st water (	column height		
Specific Cond.	1969		1871					
	33.9	·	48.9	<del></del>	Elevation(To	· · · · · ·		feet
Dissolved Oxygen Appearance	N/A si cloudy		N/A si cloudy		G.W. Elev G.W.Elevatio	ation= on =Top of Case El	ev-Total D	feet epth
Weather: Observations:	55 f sunny		55 f sunny		Sampler: Paul Baltz Signature:	ersen	1	
				·		Foul Falt		

Upstate Laborate			
	iter / Wastewater Field Log		
Client: Roux Associ	iates, Inc.	Sampler (print):	Paul Baltzersen
Project: Syracuse Ch	nina Landfill	Signature:	Jane Ralf
Date: 11/24/2003	· · · · · · · · · · · · · · · · · · ·	<u></u>	1 2
Location	Surface Water 1	TIME SAMPLED 1:30 PM	M WEITID. NO
EH	-65 му	WEATHER CONDITION:	55 f sunny
TEMPERATURE	17.50° OR F		
РН	8.16 STD.UNITS	APPEARANCE / OBSERVATIO	NS <u>clear</u>
SPEC. CON.	645 имнозисм	DO <u>n/a</u>	MG/L
TURB	<u>6.65</u> ити	STAFF GUAGE <u>N/a</u>	
Location	Surface Water 2	TIME SAMPLED 1:40 PM	MULLID. NO.
EH	-90 MV	WEATHER CONDITION:	55 f sunny
TEMPERATURE	17.2(c) or f		
РН	8.56 STD.UNITS	APPEARANCE / OBSERVATION	NS slightly cloudy
SPEC. CON.	708 имнозисм	DOn/a	MG/L
TURB	19.6 NTU	STAFF GUAGE n/a	
Location	an the provide the second s	TIME SAMPLED	ULI ID. NO.
ЕН	MV	WEATHER CONDITION:	energia energia energia de la deletta energia energia energia energia energia energia energia energia energia e
TEMPERATURE	C OR F		
РН	STD.UNITS	APPEARANCE / OBSERVATION	NS
SPEC. CON.	UMHOS/CM	DO	_MG/L
TURB	NTU	STAFF GUAGE	
Location		TIME SAMPLED	ULHD NO.
EH	MV	WEATHER CONDITION:	
TEMPERATURE	C OR F		
РН	STD.UNITS	APPEARANCE / OBSERVATION	1S
SPEC. CON.	UMHOS/CM	DO	_MG/L
TURB	NTU	STAFF GUAGE	
Location		TIME SAMPLED	ULI ID. NO.
ЕН	MV	WEATHER CONDITION:	
TEMPERATURE	C OR F		· · · ·
РН	STD.UNITS	APPEARANCE / OBSERVATION	IS
SPEC. CON.	UMHOS/CM	DO	_MG/L
TURB	NTU	STAFF GUAGE	and a line of the second and the second s
Location		TIME SAMPLED	ULI ID. NO.
EH _	MV	WEATHER CONDITION:	and the second
TEMPERATURE	C OR F		
PH _	STD.UNITS	APPEARANCE / OBSERVATION	IS
SPEC. CON.	UMHOS/CM	DO	MG/L
TURB	NTU	STAFF GUAGE	

# Syracuse China Landfill

# Gas Monitoring

### 11/24/2003

Location	H2S (ppm)	LEL (%)
GV - 1	0	0
GV - 2	0	0
GV - 3	0	0
GV -4	0	0
GV-5	0	0
GV - 6	0	· 0
GV - 7	0	. 0
TG - 1	0.	0
TG - 2	0	0
TG - 3	0	0
TG - 4	0	Ö
TG - 5	0	0
TG - 6	0	0
TG - 7	0	0

Sampled by Paul Baltzersen

315) 437 0255 lient:		гах	437 1209		Marria			1	T	<del></del>	<u> </u>		- <u>.</u>	<del>.</del>	· · · ·		-	12/5
ROUX ASSOCIATES	न -	NL	Sucara	ct#/Project	Name	11-24		No.							Ì			Special Turnaround
lient Contact:	Pho	ne #		n (city/state)				of Con-										Time (Lab Notification
Meredith Harris			1	PACUSE,	NY			tain-	-									required)
ample Location:	- <u> </u>	Date	Time	Matrix	Grab or	ULI Intern		ers										Remarks
		24/03	12:400	H20	Comp. GRAB	32807	13009	m	<u>1)</u> ズ	2)	3) 4	<u>() 5</u>	) 6)	7)	8)	9)	10)	
MW -1	<u> "/ / / / / / / / / / / / / / / / / / / </u>	rijus	12:40p		UPAL!	<u>Lacons</u>		$\overline{\mathbf{x}}$					_	-				· · · · · · · · · · · · · · · · · · ·
<u>1w-2</u>	_	<u> </u>	12-15p	<u>`</u>			0]	(H	Ŕ	X					<b> </b>		_	
NW-5		<b>\</b>	12.30b				<u> </u>	$\underline{\mathcal{V}}$	Ŕ	X		_	_	<u> </u>	<b>_</b>	ļ	<u> </u>	
<u>1W-6</u>			12:50p				िः।२	$(\hat{T})$	X	X								
NW - 8			12:30p		/		13	$\bigcirc$	X	X								
1W - 10	1.	4	12:250	Ý	V		ોર્વ	$\bigcirc$	X	X								
SW-1	1	Τ	1:30P		: -	1. 19	21	(T)	X	X								
5w-2	-	•	1:402	₩	<b>V</b>		 (	MS	X	X			~					
· · · · ·					1								-		+			
			1					1	1				-[		1		1	
arameter and method				sample bottle:	type	size	pres.	Sam	pled	by: (Pl	lease F	Print)		· <b>I</b> · · ·		1		Internal Use Only
Field pH, EH, spec	iter	, the	b, temp					7	AU	L ?	BAL	TZE	RSE	N				ivery (check one): JLI Sampled
T-P6					1			Com	pany		-		·					Pickup 🔲 Dropoff
1-16				····				<u> </u>		NL NL	.+·							CC
<u> </u>								Relin	quisl	hed by	y: (Sigr	nature	) Dat	le	Tim	е	Rec	eived by: (Signature)
						.												
								1				,						
					<u> </u>			Relin	quist	ned by	y: (Sigr	nature	re) Date Ti		Tim	e	Rec	eived by: (Signature)
·				· .				}	·	-					1			
· · · · · · · · · · · · · · · · · · ·											• .							
<u> </u>					·		·	Relin	quist	ned by	y: (Sigr	nature	) Dat	e .	Tim	e	Rec	eived by: (Signature)
				··				ļ										
· · · · · · · · · · · · · · · · · · ·								ļ				·····	_		ļ			
N								Relin	guist	ned by	y: (Sigr	ature	) Dat	۹ I	Tim		Rec	d for Lab by: (Signature)
)) Note: The numbered columns above	A CTORE	-reference	e with the num	abered columns	in the unne	r right-han	1 corner	۱ <i>۸</i> /	l.	X,	H	/	₩/∂	4/15	12	15		KI ININ F

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 Shipping: 6034 Corporate Dr.
 E. Syracuse, NY 13057-1017
 (315) 437-0255
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Buffalo (716) 649-2533 Rochester (585) 436-9070 New Jersey (201) 343-5353

#### April 7, 2004

Ms. Meredith Harris Roux Associates, Inc. 1222 Forest Parkway Suite 190 West Deptford, NJ 08066

Re: Analysis Report #08304045 - Syracuse China LF

Dear Ms. Harris:

Please find enclosed the results for your samples which were collected by ULI personnel on March 23, 2004.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your sample. Samples will be disposed of approximately one month from final report date.

Should you have any questions, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala Director

AJS/jd

Enclosures: report, field data, gas monitoring report

cc/encs: N. Scala, ULI file

Disclaimer: The test results and procedures utilized, and laboratory interpretations of data obtained by ULI as contained in this report are believed by ULI to be accurate and reliable for sample(s) tested. In accepting this report, the customer agrees that the full extent of any and all liability for actual and consequential damages of ULI for the services performed shall be equal to the fee charged to the customer for the services as liquidated damages. TE: 04/07/04

Upstate Laboratories, Inc. Analysis Results H port Number: 08304045 G ient I.D.: ROUX ASSOCIATES, INC.

APPROVAL: <u>(1)</u> QC: <u>KD</u> <u>Lab</u> I.D.: 1017	
Lab I.D.: 1017	۵.
Sampled by: ULI	

### ID:08304045 Mat:Water SYRACUSE CHINA LF MW-1 1235H 03/23/04 G

PARAMETERS	RESULTS	TIME DATE ANAL. KEY KEY FILE#	
Field Eh	- 4 6mV	03/23/04 FIELD	
Field pH	7.70SU	03/23/04 FIELD	
Field Specific Conductivity	418umhos/cm	03/23/04 FIELD	
Field Turbidity	147NTU	03/23/04 FIELD	
Temperature	6.8degC	03/23/04 FIELD	
Total Lead by Low Level	0.005mg/1	03/31/04 MB6158	

#### ID:08304046 Mat:Water SYRACUSE CHINA LF MW-2 1210H 03/23/04 G

PARAMETER	S	RESULTS	TIME	DATE	ANAL.	KEY	KEY	FILE#
	-							•••••
Field	Bh	- 36mV		03/	23/04			FIELD
Field	рн	7.48SU		03/	23/04			FIELD
Field	Specific Conductivity	786umhos/cm		03/	23/04			FIELD
Field	Turbidity	- 38.8NTU		03/	23/04			FIELD
Tempe	rature	5.5degC		03/	23/04			FIELD
Total Lead	by Low Level	0.002mg/l		03/	31/04			MB6158

### ID:08304047 Mat:Water SYRACUSE CHINA LF MW-5 1135H 03/23/04 G

PAI	RAMETERS	RESULTS	TIME	DATE ANAL.	KEY	KBY	FILE#
			• • • •	• <b>···</b> •		•	
	Field Bh	- 30mV		03/23/04			FIELD
	Field pH	7.41SU		03/23/04			FIELD
	Field Specific Conductivity	897umhos/cm		03/23/04			FIELD
	Field Turbidity	. 48.6NTU		03/23/04			FIELD
	Temperature	5.3degC		03/23/04			FIELD
Total	Lead by Low Level	0.004mg/l		03/31/04			MB6158

#### ID:08304048 Mat:Water SYRACUSE CHINA LF MW-6 1225H 03/23/04 G

PA	RAMETERS	RESULTS	TIME	DATE ANAL.	KEY	KEY	FILE#	
			• • • •		••• •	• • • •		
	Field Bh	- 30mV		03/23/04			FIELD	
	Field pR	7.39SU		03/23/04			FIELD	
	Field Specific Conductivity	747umhos/cm		03/23/04			FIELD	
	Field Turbidity	60.6NTU .		03/23/04			FIELD	
	Temperature	5.ldegC		03/23/04			FIELD	
Total	Lead by Low Level	0.002mg/1		03/31/04			MB6158	
		~						

ATE: 04/07/04

Upstate Laboratories, Inc. Analysis Results Deport Number: 08304045 Lient I.D.: ROUX ASSOCIATES, INC.

APPROVAL: QC: I.D.: 10170 Sampled by: ULI

#### ID:08304049 Mat:Water SYRACUSE CHINA LF MW-8 1150H 03/23704 G

PARAMETERS	RESULTS	TIME DATE ANAI	. KEY KEY FILE#	
		••••		-
Field Bh	-15mV	03/23/04	FIELD	
Field pH	7.11SU	03/23/04	FIELD	
Field Specific Conductivity	1704umhos/cm	03/23/04	FIELD	
Field Turbidity	69.9NTU	03/23/04	FIELD	
Temperature	5.6degC ,	03/23/04	FIELD	
Total Lead by Low Level	0.040mg/1	03/31/04	MB 6 1 5 8	9

ID:08304050 Mat:Water SYRACUSE CHINA LF MW-10 1140H 03/23/04 G

PAR	LAMETERS	RESULTS	TIME	DATE	ANAL.	KEY	KEY	FILE#
			••					· · · · · ·
	Field Sh	-35mV		. 03/2	3/04			FIELD
	Field pH	7.56SU		03/2	3/04			FIELD
	Field Specific Conductivity	1546umhos/cm		03/2	3/04			FIRLD
	Field Turbidity	1.67NTU		03/2	3/04			FIRLD
	Temperature	5.2degC		03/2	3/04			FIELD
Total	Lead by Low Level	<0.001mg/1		03/3	1/04		28	MB6158

## ID:08304051 Mat:Water SYRACUSE CHINA LF SW-1 1155H 03/23/04 G

PAI	RAMETERS	RESULTS	TIME DATE ANAL. KEY	KEY FILE#
• • •	•••••			••••
	Field Eh	- 5 0mV	03/23/04	FIRLD
	Field pH	7.71SU	03/23/04	FIELD
	Field Specific Conductivity	511umhos/cm	03/23/04	FIRLD
	Field Turbidity	1.43NTU	03/23/04	FIELD
	Temperature	2.9degC	03/23/04	FIELD
Total	Lead by Low Level	<0.001mg/1	03/31/04	MB6158

#### ID:08304052 Mat:Water SYRACUSE CHINA LF SW-2 1200H 03/23/04 G

PARAMETERS	RESULTS	TIME DATE ANAL, KEY KEY	FILE#
Field Eh	-40mV	03/23/04	FIELD
Field pH	7.54SU	03/23/04	FIELD
Field Specific Conductivity	526umhos/cm	03/23/04	FIELD
Field Turbidity	1.47NTU	03/23/04	FIELD
Temperature	4.9degC	03/23/04	FIELD
Total Lead by Low Level	<0.001mg/1	03/31/04	MB6158

KEY PAGE

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1	MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2	REFERENCE SAMPLE/CCV RECOVERY WAS OUTSIDE OF CONTROL LIMITS
3	METHOD BLANK RESULT WAS ABOVE THE CONTROL LIMITS
4	ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5	THE PRESENCE OF OTHER TARGET ANALYTE (S) PRECLUDES LOWER DETECTION LIMITS
6	BLANK CORRECTED
7	HEAD SPACE PRESENT IN SAMPLE
8	QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE
	QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
9	THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
10	RESULTS ARE REPORTED ON AN AS REC.D BASIS
11	POSSIBLE CONTAMINATION FROM FIELD/LABORATORY
12	SAMPLE ANALYZED OVER HOLDING TIME
13	
13	THE FILTERING PROCEDURE
	SAMPLED BY ULI
	DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE
. :	WITHIN EXPERIMENTAL ERROR
16	AN INHIBITORY FACTOR WAS OBSERVED IN THIS ANALYSIS
17	PARAMETER NOT ANALYZED WITHIN 15 MINUTES OF SAMPLING
18	THE SERIAL DILUTION OF THIS SAMPLE SUGGESTS A POSSIBLE PHYSICAL AND/OR CHEMICAL
	INTERFERENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EITHER HIGH OR LOW.
10	CALCULATION BASED ON DRY WEIGHT
20	
	UG/KG AS REC.D / UG/KG DRY WT
	MG/KG AS REC.D / MG/KG DRY WT
23	INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION LIMITS
24	SAMPLE DILUTED/BLANK CORRECTED
	ND (NON-DETECTED)
26	DUPLICATE SAMPLE OUTSIDE QC CRITERIA
27	SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE
28	POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL
	LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
29	ANALYZED BY METHOD OF STANDARD ADDITIONS
30	
	FIELD MEASURED PARAMETER TAKEN BY CLIENT
32	TARGET ANALYTE IS BIODEGRADED AND/OR ENVIRONMENTALLY WEATHERED
33-	MILLIGRAMS PER LITER (MG/L) LINEAR ALKYL SULFONATE (LAS) / POUNDS (LBS)
	PER DAY LAS
34	THE SAMPLE WAS ANALYZED ON A TOTAL BASIS; THE TEST RESULT CAN BE COMPARED
	TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20,
	CREATING A THEORETICAL TCLP VALUE
35	THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON
	PETROLEUM DISTILLATES
36	MATRIX INTERFERENCE CAUSING SPIKES TO RESULT IN LESS THAN 50.0% RECOVERY
	MILLIGRAMS PER LITER (MG/L). / POUNDS (LBS) PER DAY
	MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS)
	PER DAY OF CL2
	MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
	DETECTED IN BLANK
(D)	ALL COMPOUNDS IDENTIFIED IN AN ANALYSIS AT A SECONDARY DILUTION FACTOR
(E)	COMPOUNDS WHOSE CONCENTRATIONS EXCEED THE CALIBRATION RANGE OF THE GC/MS
	INSTRUMENT FOR THAT SPECIFIC ANALYSIS
(J)	DETECTED BELOW THE CRQL
	SAMPLE(S) RECEIVED AT THE IMPROPER TEMPERATURE
	HEADSPACE IN VOA VIAL (S)
	HEADSPACE IN ALKALINITY BOTTLE(S)
(U)	NEWRONAGE IN ANYANIAIII DOITER(S)

(d) SAMPLE CONTAINER(S) RECEIVED BROKEN

Upstate Lab Client: Project: Well ID.:		C. Groun ssociates, e China Lar MW-1	Inc.		30-01 Revise (enter by lab)	d: 12/2001
Condition of We	ell:	GOOD		Locked:	NO	
Method of Evac	uation: <u>DE</u>	DICATED BAI	LER	Lock ID:	N/A	
Method of Sam	pling: <u>DE</u>	DICATED BAI	LER			
<b>↑</b> ↑ ↑		· A.	Diameter of W	ell	2"	inches
		·8.	Well Depth Me	asured	24.5	feet
		C.	Depth to Water	r	14.53	feet
		D.	Length of Wate	er Column (calculate	d) <u>9.97</u>	feet
В ▲	WATER		Conversion Fac	ctor	X.16	
	LEVEL		Well Volume (c	alculated)	1.5952	gallons
			No. of Volumes	to be Evacuated	<u>X 3</u>	
			Total Volume to	be Evacuated	4.7856	galions
★ ★ ↓			Actual Volume	Evacuated	5	gallons
F	SILT	E.	Installed Well D	)epth (if known)	N/A	feet
$\mathbf{v}$		F.	Depth of Silt (ca	alculated	N/a	feet
Field Measurements	Initial Evacuation		nal ampling		harge:	
Date	3/23/2004		3/23/2004	<u> </u>	Depth to Water	<u>14.53 feet</u>
ime	11:20 AM		12:35 PM	Recharg	e Depth to Water	14.49 feet
:H 'emperature	-35 8.8 c		-46 6.8 c		ater column height	100.401 %
H	7.49		7.70		ter column height	100.701 /0
Specific Cond.	417		418			
	7.14		<u>147</u>		n(Top of Casing)	feet
Dissolved Oxygen	N/A clear	~	N/A cloudy		levation= vation =Top of Case El	feet ev-Total Depth
Veather: Observations:		30 f cloudy		Sample		
	· · · ·			Signati	Ire: Tank Falt	¥

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2000

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Upstate Lal Client: Project: Well ID.:	Roux	NC. Gr Associate Ise China MW-2	es, Inc.		File: TS-30- JLI ID No. (ent		d: 12/2001
Condition of W	ell:	G00	D	_ Lock		NO	
Method of Evad	cuation:		BAILER	_ Lock	( ID:	N/A	·
Method of Sam	pling:	DEDICATED	BAILER	<b>-</b> .			
▲ ▲ ▲ ▲			A. Diamete	er of Well		2"	inches
			B. Well De	pth Measured		13.1	feet
		, · · (	C. Depth to	Water		4.31	feet
		1	D. Length c	of Water Colum	n (calculated)	8.61	feet
□ ▼	WATER		Convers	ion Factor		X.16	
E	LEVEL		Well Vol	ume (calculated	1)	1.3776	gallons
			No. of V	olumes to be Ev	vacuated	X 3	
			Total Vo	lume to be Eva	cuated	4.1328	gallons
<b>★ ★</b>			Actual V	olume Evacuate	ed	4.5	gallons
F	SILT	E	E. Installed	Well Depth (if k	(nown)	N/A	feet
		F	<ol> <li>Depth of</li> </ol>	Silt (calculated		N/a	_ feet
Field	Initial		Final				-
Measurements	Evacuation		Sampling		% Rechar	-	
Date	3/23/2004		3/23/2	004	Initial Dep	th to Water	<u>4.31 feet</u>
Time	10:20 AM		12:10		Recharge De	epth to Water	<u>4.32</u> feet
EH	-36		-36				
Temperature	<u>5.3 c</u>		5.5			column height	99.5354 %
pH	7.47		7.48		1st water o	column height	
Specific Cond. Turbidity	<u> </u>				Elevation(To		feet
Dissolved Oxygen	<u></u>	<u> </u>	<u></u>		G.W. Eleva		feet
Appearance	clear		si ciou		33338	n =Top of Case Ele	
Weather:		30 f clou	dv		Sampler:		
Observations:				• <u>•</u> •••••	Paul Baltze		
	· · · · · · · · · · · · · · · · · · ·				Signature:	and Relet	
					1	<u>~_</u>	

Condition of Well:       GOOD       Locked:       NO         Method of Evacuation:       DEDICATED BAILER       Lock ID:       N/A         Method of Sampling:       DEDICATED BAILER       Lock ID:       N/A         Method of Sampling:       DEDICATED BAILER       2"       inches         Method of Sampling:       DEDICATED BAILER       2.03       feet         Method of Evacuation:       C.       Depth to Water       2.63       feet         D.       Length of Water Column (calculated)       10.77       feet         Conversion Factor       X.16           Well Volume to be Evacuated       5.1696       gallons         No. of Volumes to be Evacuated       5.1696       gallons         Actual Volume to be Evacuated       5.1696       gallons         Actual Volume to be Evacuated       5.1696       gallons         Actual Volume to be Evacuated       5.1696       gallons         Busiling       Final       Sampling       % Recharge:         Date       3/23/2004       3/23/2004       % 7.73         Time       915 AM       11.35 AM       8         EH       -50       -30       -30       -15 Motal Depth to Water       2.83 <td< th=""><th>Upstate Lab Client: Project: Well ID.:</th><th>Roux</th><th>NC. Groun Associates, Ise China La MW-5</th><th>Inc.</th><th></th><th>le: TS-30- D No (en</th><th></th><th>d: 12/200</th><th>)1</th></td<>	Upstate Lab Client: Project: Well ID.:	Roux	NC. Groun Associates, Ise China La MW-5	Inc.		le: TS-30- D No (en		d: 12/200	)1
Method of Sampling:       DEDICATED BAILER         Image: Constraint of the state	Condition of We	II:	GOOD	-	Locked:		NO		· .
A       Diameter of Well       2"       inches         Image: Construction of the state of	Method of Evac	uation:[	DEDICATED BA	ILER,	Lock ID:		N/A		· ·
A.       Diameter of Well       2"       inches         Image: Conversion Factor       13.4       feet         C.       Depth to Water       2.63       feet         D.       Length of Water Column (calculated)       10.77       feet         D.       Length of Water Column (calculated)       10.77       feet         Conversion Factor       X.16          Well Volume (calculated)       1.7232       gailons         No. of Volumes to be Evacuated       X.3          Total Volume to be Evacuated       5.5       gailons         Actual Volume Evacuated       5.5       gailons         Field       Initial       Final       % Recharge:         Measurements       Support       3/23/2004       11.35 AM         EH       -50       -30       -30         Temperature       5.5 c       5.3 c       1st water column height         PH       7.79       7.41       1st water column height         Specific Cond.       919       897       1st water column height         Studed Oxygen       N/A       N/A       Sampler:         Observations:       30 f cloudy       Sampler:       Sampler:         Overtation	Method of Samp	oling: [	DEDICATED BA	ILER					
C       Depth to Water       2.63       feet         B       WATER       Length of Water Column (calculated)       10.77       feet         D       Length of Water Column (calculated)       10.77       feet         Well Volume (calculated)       1.7232       gallons         No. of Volumes to be Evacuated       X.3          Total Volume to be Evacuated       5.5       gallons         Actual Volume Evacuated       5.5       gallons         Actual Volume Evacuated       N/A       feet         Field       Initial       Final       % Recharge:         Measurements       Initial       Final       % Recharge:         Date       3/23/2004       3/23/2004       N/a         9:15 AM       11:35 AM       11:35 AM         EH       -50       -30       20         Temperature       5.5 c       5.3 c       21 dwater column height         9:15 AM       11:35 AM       15 AM       15 AM         PH       7.79       7.41       1st water column height         Specific Cond.       919       897       1st water column height         Dissolved Oxygen       N/A       N/A       G.W. Elevation=Top of Case Elev-Total Ceph </td <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>									
B       WATER       D.       Length of Water Column (calculated)       10.77       feet         Conversion Factor       X.16        Well Volume (calculated)       1.7232       gallons         No. of Volumes to be Evacuated       X.3        Total Volume to be Evacuated       X.3          F       SILT       E.       Installed Well Depth (if known)       N/A       feet         Field       Initial       Final       Sampling       % Recharge:       Initial Depth to Water       2.63       feet         Date       3/23/2004       3/23/2004       3/23/2004       Recharge:       Initial Depth to Water       2.63       feet         EH       -50       -30       -30       -30       2nd water column height       97.5859 %         pH       7.79       7.41       1st water column height       97.5859 %       1st water column height       97.5859 %         Dissolved Oxygen       N/A       N/A       N/A       O.W.Elevation=7 feet       0.W.Elevation=7 feet         Weather:       30 f cloudy       81 cloudy       Sampler:       Paul Baltzersen       2.4				-				_	
B       WATER       Conversion Factor       X.16          Well Volume (calculated)       1.7232       gallons         No. of Volumes to be Evacuated       X.3          Total Volume to be Evacuated       5.1696       gallons         Actual Volume to be Evacuated       5.5       gallons         SILT       E.       Installed Well Depth (if known)       N/A         Field       Initial       Final       % Recharge:         Date       3/23/2004       3/23/2004       % Recharge:         Time       9:15 AM       11:35 AM       Recharge:         EH       -50       -30       -30         Temperature       5.5 c       5.3 c       2nd water column height         PH       7.79       7.41       1st water column height         Specific Cond.       919       897          Dissolved Oxygen       N/A       N/A       G.W. Elevation = feet         Appearance       orange       si cloudy       Sampler:         Observations:       30 f cloudy       Sampler:						laulated)	<u> </u>	_	
Field       Initial       Final       % Recharge:         SILT       E.       Installed Well Depth (if known)       N/A         Field       Initial       Final       % Recharge:         Measurements       Sill Calculated       3/23/2004       3/23/2004         Date       3/23/2004       3/23/2004       8/23/2004         Temperature       5.5 c       5.3 c       2nd water column height         PH       7.79       7.41       1st water column height       97.5859 %         PH       7.79       7.41       1st water column height       97.5859 %         Dissolved Oxygen       N/A       N/A       N/A       Elevation=       feet         Dissolved Oxygen       N/A       N/A       N/A       Sampler:       G.W. Elevation=       feet         Weather:       30 f cloudy       Sampler:       Paul Baltzersen       Sampler:       Paul Baltzersen			D.						э <b>г</b>
No. of Volumes to be Evacuated       X 3         Total Volume to be Evacuated       5.1696       gallons         Actual Volume Evacuated       5.5       gallons         F       SILT       E.       Installed Well Depth (if known)       N/A       feet         Field       Initial       Final       % Recharge:       Initial Depth of Silt (calculated       N/a       feet         Date       3/23/2004       3/23/2004       3/23/2004       Initial Depth to Water       2.63       feet         EH       -50       -30       -30       -30       7.41       Recharge Depth to Water       2.89       feet         Specific Cond.       919       897       7.41       1st water column height       97.5859 %         Dissolved Oxygen       N/A       N/A       N/A       G.W. Elevation = Top of Case Elev-Total Depth         Weather:       30 f cloudy       Sampler:       Paul Balzersen       Sampler:	S	XXX805555555555555555555							llons
F       Actual Volume Evacuated       5.5       gallons         F       SILT       E.       Installed Well Depth (if known)       N/A       feet         Field       Initial       Final       % Recharge:       N/a       feet         Date       3/23/2004       3/23/2004       Initial Depth to Water       2.63       feet         EH       -50       -30       -30       Recharge Depth to Water       2.89       feet         PH       7.79       7.41       1st water column height       97.5859 %       1st water column height       97.5859 %         pH       7.79       7.41       1st water column height       feet         Dissolved Oxygen       N/A       N/A       G.W. Elevation=       feet         Questher:       30 f cloudy       Sampler:       Paul Baltzersen       feet         Observations:       30 f cloudy       Sampler:       Paul Baltzersen       feet						ated			
F       SILT       E.       Installed Well Depth (if known)       N/A       feet         Field       Initial       Final       % Recharge:       N/a       feet         Field       Initial       Final       % Recharge:       Initial Depth to Water       2.63       feet         Date       3/23/2004       3/23/2004       Initial Depth to Water       2.89       feet         Time       9.15 AM       11:35 AM       Recharge Depth to Water       2.89       feet         EH       -50       -30       -30       7.41       1st water column height       97.5859 %         pH       7.79       7.41       1st water column height       97.5859 %       1st water column height       97.5859 %         pH       7.79       7.41       1st water column height       97.5859 %         Specific Cond.       919       897       1st water column height       97.5859 %         Dissolved Oxygen       N/A       N/A       G.W. Elevation(Top of Casing)       feet         Appearance       orange       sl cloudy       Sampler:       Paul Baltzersen         Observations:       30 f cloudy       Sampler:       Paul Baltzersen				Total Volume to	o be Evacuati	ed	5.1696	gal	lons
F.     Depth of Silt (calculated     N/a     feet       Field     Initial     Final     % Recharge:       Measurements     Evacuation     Sampling     Initial Depth to Water     2.63     feet       Date     3/23/2004     3/23/2004     Initial Depth to Water     2.63     feet       Date     3/23/2004     3/23/2004     Recharge Depth to Water     2.89     feet       EH     -50     -30     -30     2nd water column height     97.5859 %       pH     7.79     7.41     1st water column height     97.5859 %       Specific Cond.     919     897     1st water column height       Dissolved Oxygen     N/A     N/A     G.W. Elevation=       Appearance     orange     sl cloudy     G.W. Elevation=     feet       Weather:     30 f cloudy     Sampler:     Paul Baltzersen	◆ ◆ ↓			Actual Volume	Evacuated		5.5	gal	lons
Field     Initial     Final     % Recharge:       Measurements     Evacuation     Sampling     Initial Depth to Water     2.63     feet       Date     3/23/2004     3/23/2004     Initial Depth to Water     2.63     feet       Time     9:15 AM     11:35 AM     Recharge Depth to Water     2.89     feet       EH     -50     -30     -30     2nd water column height     97.5859 %       pH     7.79     7.41     1st water column height     97.5859 %       Specific Cond.     919     897     1st water column height     feet       Dissolved Oxygen     N/A     N/A     G.W. Elevation= Top of Case Elev-Total Depth       Weather:     30 f cloudy     Sampler:     Paul Baltzersen       Observations:     911 Baltzersen     51 cloudy     Sampler:	 F	SILT	E.	Installed Well D	Depth (if know	n)	N/A	fee	t
MeasurementsEvacuationSamplingDate3/23/20043/23/2004Time9:15 AM11:35 AMEH-50-30Temperature5.5 c5.3 cpH7.797.41Specific Cond.91930 f cloudy897Urbit dispersiones:Sampler:Observations:30 f cloudy	↓ ↓		F.	Depth of Silt (ca	alculated		N/a	fee	t
Date3/23/20043/23/2004Time9:15 AM11:35 AMEH-50-30Temperature5.5 c5.3 cpH7.797.41Specific Cond.919Turbidity82.4Dissolved OxygenN/AAppearanceorangeObservations:30 f cloudy	8				÷		-	0.00	e
EH       -50       -30         Temperature       5.5 c       5.3 c         pH       7.79       7.41         Specific Cond.       919       897         Turbidity       82.4       48.6         Dissolved Oxygen       N/A       N/A         Appearance       orange       sl cloudy         Weather:       30 f cloudy       Sampler:         Paul Baltzersen       Sampler:         Paul Baltzersen       Signature:	§	- Charles and the second s							
Temperature       5.5 c       5.3 c       2nd water column height       97.5859 %         pH       7.79       7.41       1st water column height       97.5859 %         Specific Cond.       919       897       1st water column height       97.5859 %         Turbidity       82.4       48.6       Elevation(Top of Casing)       feet         Dissolved Oxygen       N/A       N/A       G.W. Elevation=       feet         Appearance       orange       sl cloudy       Sampler:       Observations:       Paul Baltzersen			·			Recharge D	epth to Water	2.89	teet
Specific Cond.       919       897         Turbidity       82.4       48.6         Dissolved Oxygen       N/A       G.W. Elevation(Top of Casing)         Appearance       orange       sl cloudy         Weather:       30 f cloudy       Sampler:         Observations:       2       2	· · · · · · · · · · · · · · · · · · ·					2nd water	column height	97.585	59 %
Turbidity       82.4       48.6       Elevation(Top of Casing)       feet         Dissolved Oxygen       N/A       N/A       G.W. Elevation = Top of Case Elev-Total Depth         Appearance       orange       sl cloudy       G.W. Elevation = Top of Case Elev-Total Depth         Weather:       30 f cloudy       Sampler:         Observations:       Paul Baltzersen	рН	7.79		7.41					
Dissolved Oxygen       N/A       N/A       G.W. Elevation=       feet         Appearance       orange       sl cloudy       G.W. Elevation=Top of Case Elev-Total Depth         Weather:       30 f cloudy       Sampler:         Observations:       Paul Baltzersen	( · ·			and the second s		Elauration - (T			6c.c.+
Appearance       orange       sl cloudy       G.W. Elevation = Top of Case Elev-Total Depth         Weather:       30 f cloudy       Sampler:         Observations:       Paul Baltzersen					—		· · · –	<u>. •</u>	
Weather:     30 f cloudy     Sampler:       Observations:     Paul Baltzersen								ev-Total De	
Observations: Paul Baltzersen	Weather:		30 f cloudy						
	Observations:	<b>-</b>				Paul Baltz	,	7	
					<u> </u>		Faul Batt		

Upstate Labo Client: Project: Well ID.:	Syracuse	. Groun sociates, China Lar MW-6	Inc.		File: TS-30-		1: 12/200	1
Condition of Well:		GOOD		Locke	d:	NO	<u>.</u>	
Method of Evacua	tion: DEC		ILER	Lock II	D:	N/A	<u>.</u>	
Method of Samplin	ng: <u>DEC</u>	ICATED BAI	ILER					
		A.	Diameter o	fWell		2"	inc	hes
		B.	. Well Depth	Measured		15.36	fee	t
		C.	Depth to W	ater		3.64	fee	t
		D.	Length of V	Vater Column (	calculated)	11.72	fee	t
В ♠	VATER		Conversion	Factor	·	X.16		
	EVEL		Well Volum	e (calculated)		1.8752	— gali	ons
- D -			•	mes to be Eva	cuated .	X 3	9uii	013
				ne to be Evacu		<u> </u>		-
↓ ↓					•	5.6256	_ gall	
			Actual Volu	me Evacuated		6	_ gall	ons
F   S	ILT	E.	Installed We	ell Depth (if kno	- (חwc)	<u>N/A</u>	feet	
↓ ↓		F.	Depth of Sil	t (calculated	-	N/a	feet	
	itial vacuation		inal ampling		% Rechar	ge: th to Water	3.64	feet
Date Time	3/23/2004 10:45 AM		3/23/2004 12:25 PM				3.63	Ĭ
EH _	<u>10.45 AM</u>	<del>-</del>	-30	<u> </u>	Recharge De	ptn to water	3.03	feet
Temperature	5.9 c		5.1 c		2nd water	column height	100.08	5%
рН	7.59		7.39			column height		
	631		747			-		
Turbidity	243		60.6		Elevation(Toj	o of Casing)		feet
Dissolved Oxygen	N/A		N/A	<u> </u>	G.W. Eleva			feet
Appearance	cloudy		sl cloudy	<u></u>	G.W.Elevatio	n =Top of Case Elé	ev-Totai De	pth
Weather: Observations:		30 f cloudy			Sampler: Paul Baltze Signature:	ersen and Rolf		

	er by lab)	
Condition of Well:       GOOD       Locked:         Method of Evacuation:       DEDICATED BAILER       Lock ID:         Method of Sampling:       DEDICATED BAILER       Lock ID:         Method of Sampling:       DEDICATED BAILER       A.         Diameter of Well       B.       Well Depth Measured         C.       Depth to Water       D.         D.       Length of Water Column (calculated)         Conversion Factor       Well Volume (calculated)         No. of Volumes to be Evacuated       Total Volume to be Evacuated         F       SILT       E.         Final       Sill (calculated)         Date       3/23/2004         Method       3/23/2004         Method       3/23/2004         Method       11:50 AM         Pate       -15         End       -15         Since       5.6 c		
Method of Evacuation:       DEDICATED BAILER       Lock ID:         Method of Sampling:       DEDICATED BAILER		
Method of Sampling:       DEDICATED BAILER         Image: A - A - A - A - A - A - A - A - A - A	NO	
A → A A. Diameter of Well B. Well Depth Measured C. Depth to Water D. Length of Water Column (calculated) Conversion Factor Well Volume (calculated) No. of Volumes to be Evacuated Total Volume to be Evacuated Actual Volume Evacuated E. Installed Well Depth (if known) F. Depth of Silt (calculated) Note Measurements Evacuation Tield Measurements H -15 emperature 5.6 c A. Diameter of Well B. Well Depth Measured C. Depth to Water D. Length of Water Column (calculated) No. of Volumes to be Evacuated Actual Volume to be Evacuated Final Sampling Initial Final Sampling Note Actual Volume S.6 c S.6 c No. Solution Sampling Note S.6 c S.6 c S.6 c Note Sampling Note S.6 c S.6 c S.6 c S.6 c S.6 c S.6 c S.6 c S.6 c Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sampling Sam	 N/A	
A.       Diameter of Well         B.       Well Depth Measured         C.       Depth to Water         D.       Length of Water Column (calculated)         Conversion Factor       Well Volume (calculated)         No. of Volumes to be Evacuated       Total Volume to be Evacuated         F       SILT         F       SILT         F       Depth of Silt (calculated)         No. and Volume Evacuated         F       Depth of Silt (calculated)         Note       Sill T         F       Sill T         F       Depth of Silt (calculated)         Note       Sill Calculated         Note       Sill Calculated         F       Depth of Silt (calculated)         Note       Sampling         Initial       Final         Sampling       Initial Depth         H       -15         Sign Plane       5.6 c         Sign Plane       Sign Plane         Sign Plane       Sign		·
B.       Well Depth Measured         C.       Depth to Water         D.       Length of Water Column (calculated)         No. of Well Volume (calculated)       No. of Volumes to be Evacuated         F       SILT         Field       Initial         Field       Initial         Final       3/23/2004         J23/2004       3/23/2004         Photometry       Silt 11:50 AM         Final	2"	inches
B       WATER         B       E         WATER       Conversion Factor         U       Conversion Factor         Well Volume (calculated)         No. of Volumes to be Evacuated         Total Volume to be Evacuated         Actual Volume Evacuated         SILT         F         Depth of Silt (calculated)         No. of Volume to be Evacuated         Actual Volume Evacuated         E         Initial         Evacuation         Final         Value         Oute         3/23/2004         9:55 AM         11:50 AM         Recharge De         H       -15         emperature       5.6 c	20.73	feet
B       WATER       Conversion Factor         Vell Volume (calculated)       No. of Volumes to be Evacuated         Total Volume to be Evacuated       Total Volume Evacuated         F       SILT         F       SILT         Field       Initial Evacuation         Field       Initial Evacuation         Field       Silt (calculated)         Oate       3/23/2004         Silt =       -15         Final       Silt (calculated)         Simpling       Initial Dept         Final       Silt (calculated)         Coate       3/23/2004         Singling       11:50 AM         Final       -15         Coate       3/23/2004         Singling       2/23/2004         Singling       2/23/2004         Coate       3/23/2004         Singling       2/23/2004         Singling       2/23/2004         Coate       3/23/2004         Singling       2/23/2004         Coate       3/23/2004         Singling       2/23/2004         Singling       2/23/2004         Singling       2/23/2004	3:79	feet
Field       Initial       Final       % Recharge         Field       Initial       Final       % Recharge         Date       3/23/2004       3/23/2004       Initial Dept         Final       5.6 c       5.6 c       2.16 c	16.94	feet
Well Volume (calculated)         No. of Volumes to be Evacuated         Total Volume to be Evacuated         Actual Volume Evacuated         SILT         E.         Installed Well Depth (if known)         F.         Depth of Silt (calculated)         No. of Volume Evacuated         Actual Volume Evacuated         F.         Depth of Silt (calculated)         Initial         Evacuation         Size         Date         3/23/2004         Size         Size         Size         Pate         Size         Size     <	X.16	
Initial       Final       % Recharge         SiLT       SiLT       Final       % Recharge         Field       Initial       Final       % Recharge         Measurements       3/23/2004       3/23/2004       Initial Dept         Final       3/23/2004       Sampling       Initial Dept         Final       5.6 c       5.6 c       2nd water	2.7104	gallons
Actual Volume Evacuated         F       SILT         F       Installed Well Depth (if known)         F.       Depth of Silt (calculated         Measurements       Initial         Evacuation       Sampling         Date       3/23/2004         Siled       11:50 AM         EH       -15         Femperature       5.6 c	X 3	
F       SILT       E. Installed Well Depth (if known)         F       Depth of Silt (calculated         Field       Initial         Neasurements       Evacuation         Stet       3/23/2004         Time       9:55 AM         H       -15         Final       Recharge Depth         EH       -15         Temperature       5.6 c	8.1312	gallons
F.       Depth of Silt (calculated         Final       % Recharge         Measurements       Evacuation       Sampling         Date       3/23/2004       3/23/2004         Time       9:55 AM       11:50 AM       Recharge De         EH       -15       -15       2nd water	8.5	gallons
FieldInitialFinal% RechargMeasurementsEvacuationSamplingInitial DeptDate3/23/20043/23/2004Initial DeptDate9:55 AM11:50 AMRecharge DeEH-15-15-15Temperature5.6 c5.6 c2nd water	N/A	feet
Measurements         Evacuation         Sampling         Initial Dept           Date         3/23/2004         3/23/2004         Initial Dept           Time         9:55 AM         11:50 AM         Recharge De           EH         -15         -15         2nd water           Temperature         5.6 c         5.6 c         2nd water	N/a	feet
Measurements         Evacuation         Sampling         Initial Dept           Date         3/23/2004         3/23/2004         Initial Dept           Time         9:55 AM         11:50 AM         Recharge De           EH         -15         -15         2nd water           Temperature         5.6 c         2nd water         2nd water	je:	
Oate         3/23/2004         3/23/2004           Time         9:55 AM         11:50 AM         Recharge De           EH         -15         -15           Temperature         5.6 c         5.6 c         2nd water	-	
Ime         9:55 AM         11:50 AM         Recharge De           H         -15         -15           emperature         5.6 c         5.6 c         2nd water	h to Water	3.79 fee
emperature 5.6 c 5.6 c 2nd water	pth to Water	3.77 fee
	column height	100.118 %
	olumn height	
pecific Cond. 1828 1704		
urbidity 21.1 69.9 Elevation(Top	of Casing)	fee
issolved Oxygen <u>N/A</u> G.W. Eleva		fee
ppearance <u>sl cloudy</u> <u>Sl cloudy</u> G.W.Elevation	1 =Top of Case Elev	/-Total Depth
Veather: 30 f cloudy Sampler:		
bservations: Paul Baltze	rsen	,

Upstate Lab Client: Project: Well ID.:	Roux A	IC. Groun Associates, I Se China Lar MW-10	Inc.		File: TS-30- ID No. (ent		d: 12/20	01
Condition of Wel	l:	GOOD		Locked	:	NO		
Method of Evacu	ation:DI	EDICATED BAI	LER	Lock IC	):	N/A		
Method of Samp	ling:D	EDICATED BAI					·	
▲ ▲		Α.	Diameter	of Well		2"	in	ches
		В.	Well Dept	th Measured		13	fe	et
		C.	Depth to V	Water		2.58	fe	et
		D.	Length of	Water Column (d	calculated)	10.42	fee	et
· · · · · · · · · · · · · · · · · · ·	WATER		Conversio	on Factor		X.16		
	LEVEL		Well Volu	me (calculated)		1.6672	_ ga	llons
			No. of Vol	lumes to be Evad	uated	Х 3		
			Total Volu	ime to be Evacua	ated	5.0016	ga	llons
◆ ◆			Actual Vol	lume Evacuated		5	ga	llons
F	SILT	E.	Instalied V	Nell Depth (if kno	wn)	. N/A	fee	et
$\mathbf{\mathbf{v}}$		F.	Depth of S	Silt (calculated		N/a	fee	st
Field		F	inal				_	
	Initial Evacuation		ampling		% Rechar	ge: th to Water	2.58	feet
Date	3/23/2004	<u> </u>	3/23/20					
Time _ EH	9:35 AM -30		<u>11:40 A</u> -35	<u></u>	Recharge De	epth to Water	2.62	feet
Temperature	4.7 c		5.2 c		2nd water	column height	99.61	61 %
pH	7.43		7.56			column height		
- Specific Cond.	1611	<b></b> _	1546			, j		
Turbidity -	0.88		1.67		Elevation(Top			feet
Dissolved Oxygen	N/A		N/A	<u> </u>	G.W. Eleva		<b>•</b> • • ~	_feet
Appearance	clear		clear	<u> </u>		n =Top of Case Ele	ev-Total D	epth
Weather: Observations:	<u></u>	30 f cloudy			Sampler: Paul Baltzi	ersen		
					Signature:			
		<u> </u>			×	Fank fritte		

Client: Roux Associ Project: Syracuse Ch Date: 3/23/2004	ater / Wastewater Field Log iates, Inc.	Sampler (print):       Paul Baltzersen         Signature:       Full Full         TIME SAMPLED       11:55 AM ULI ID: NO.
EH	-50 MV	WEATHER CONDITION: 30 f cloudy
TEMPERATURE	2.9 C OR F	· · · · · · · · · · · · · · · · · · ·
РН	7.71 STD.UNITS	APPEARANCE / OBSERVATIONS clear
SPEC. CON.	<u>511</u> имноз/см	DO <u>n/a</u> MG/L
TURB	1.43 NTU	STAFF GUAGE <u>N/a</u>
Location	Surface Water 2	TIME SAMPLED 12:00 PM ULLID NO
ЕН	<u>-40 mv</u>	WEATHER CONDITION: 30 f cloudy
TEMPERATURE	4.9 C OR F	· · · · · · · · · · · · · · · · · · ·
РН	7.54 STD.UNITS	APPEARANCE / OBSERVATIONS yellowish
SPEC. CON.	526 имноз/см	DO <u>n/a</u> MG/L
TURB	1.47 NTU	STAFF GUAGE n/a
Location		TIME SAMPLED ULI ID, INO.
EH .	MV	WEATHER CONDITION:
TEMPERATURE	C OR F	
PH	STD.UNITS	APPEARANCE / OBSERVATIONS
SPEC, CON.	UMHOS/CM	
TURB	NTU	STAFF GUAGE
Location		TIME SAMPLED ULHD NO.
5H -	MV	WEATHER CONDITION:
TEMPERATURE	C OR F	
PH		APPEARANCE / OBSERVATIONS
SPEC. CON.		
		STAFF GUAGE
Location _	<u> </u>	TIME SAMPLEDULI D NO.
EH -	MV	
	CORF	
PH	STD.UNITS	
SPEC. CON.	UMHOS/CM	
TURB	NTU	STAFF GUAGE
Location		
EH -	MV ·	
TEMPERATURE	C OR F	
РН -	STD.UNITS	APPEARANCE / OBSERVATIONS
SPEC. CON.	UMHOS/CM	
TURB	NTU	STAFF GUAGE

# Syracuse China Landfill

# Gas Monitoring

	3/23	/2004		, ·
Location	H2S (ppm)	LEL (%)	TIME	
GV - 1	· 0	_ 0	1:40 PM	
GV - 2	0	• 0	1:25 PM	
GV - 3	0	0	1.20 PM	
GV -4	0	0	1:50 PM	
GV-5	0	0	1:55 PM	
GV - 6	0	0	12:45 PM	
GV - 7	0	0	12:50 PM	
TG - 1	0	0	1:30 PM	
TG - 2	0	0	1:10 PM	
TG - 3	0	0	1:00 PM	
TG - 4	0	0	2:10 PM	
TG - 5	0	0	2:05 PM	
TG - 6	0	. 0	1:45 PM	

Meter: BW Technologies Gas Alert Max / Model: GAMAX 3-4

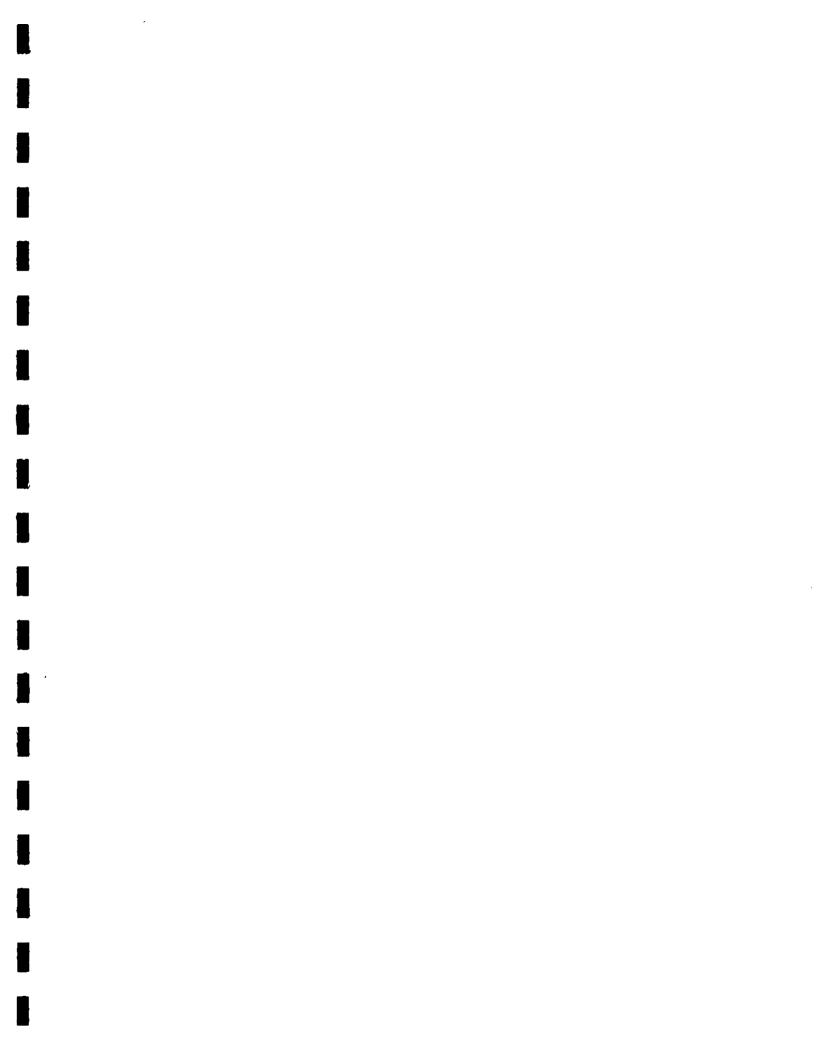
Sampled by Paul Baltzersen

<

Phone (315) 437 0255	e New York 13057	Fax (315) 4				r					1	r			<b></b>	- 4/2
ROUX ASSOCIATES, INC		SYRACU			OFILL	Number										ا Remarks
lient Contact	Phone #	Location (city/state				<u>a</u> "		I .					- {			
MEREDITH HARRIS		SYRACL	ISE, NY			Conta										
Sample ID	Date	Time	Matrix	GRAB OR COMP	ULI Internal Use Only	liners	1	2	3 4	5	6	7	8	9	10	
MW-1	3-23-04	12:35r	H2O	GRAB	0304045	(1)	X	X								
MW-2	3-23-04	12:10P	H2O	GRAB	46		X	X						•		
MW-5	3-23-04	11:35A	H2O	GRAB	<u>Ц</u> 7	$\left( 1\right)$	X	Χ								
MW-6	3-23-04	12:25-	H2O	GRAB	48	(1)	X	X								
MW-8	3-23-04	11:50A	H2O	GRAB	LIG	$\overline{1}$	X	Х								
MW-10	3-23-04	11:40A	H2O	GRAB	$\mathfrak{P}$		X	X								
SW-1	3-23-04	11:55A	H2O	GRAB	- SI	M	X	X								· ·
SW-2	3-23-04	12:00P	H2O	GRAB	ින		<u>  x</u>	X				<u> </u>				
												[			[	
·												[				
			· ·	<u> </u>												
Parameter and Method 1 FIELD PH,EH,SPEC. CON,TURB,T	and the second se	ple bottle:	Type n/a	Size n/a	Preservative						Tar	.=				Name of Courier
2 Pb by low level			plastic	500ml	HNO3		<b>ץץ</b> noar	セレ い:Ui	Br	Lab	orato	ncies	. Inc	2.		
3	·····					Reli	nqu	ished	l by:(	sign)		Dat	te	Tin	ne	Received by: (sign)
<u>4</u> 5			·		) . 	{		•								
6			<u> </u>	· {	<u> </u>	Reli	ngu	ishea	l by:(	sign)		Dai	te	Tin	ne	Received by: (sign)
7	·					]	•.			- /						
8			·	-}	<u> </u>	Reli	กตะเ	isher	l by:(	sian		Dại	te	   Ťir	ne	Red'd/for/Lab by:
10					·		- <u>`</u>	2.	l K	572	1_	3/23			10	1 Min

:

:



Shipping: 6034 Corporate Dr. \* E. Syracuse, NY 13057-1017 \* (315) 437-0255 \* Fax (315) 437-1209 Mailing: Box 289 \* Syracuse, NY 13206 Albany (518) 459-3134 \* Binghamton (607) 724-0478 \* Buffalo (716) 649-2533 Rochester (585) 436-9070 \* New Jersey (201) 343-5353 \* South Carolina (864) 878-3280

Meredith Harris Roux Associates, Inc. 1222 Forest Parkway Suite 190 West Deptford, NJ 08066

Thursday, July 15; 2004

RE: Syracuse China Landfill

Order No.: U0406652

Dear Meredith Harris:

Upstate Laboratories, Inc. received 8 sample(s) on 6/29/04 for the analyses presented in the following report.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

Anthony J. Scala Director

Date: 15-Jul-04

CLIENT: Project:	Roux Associates, Inc. Syracuse China Landfi	11			· ·	Lab Orde	er: U0406652
Lab ID:	U0406652-001		. <u></u>	•	Collection Da	ite: 6/29/0	4 11:00:00 AM
Client Sample ID	: MW-1				. Matr	ix: WATI	ER
Analyses	· ·	Result	Limit	Qua	Units	DF	Date Analyzed
FIELD PARAMET	ERS	~	F	LD			Analyst:
Conductivity		839	1.0		umhos/cm		6/29/04 11:00:00 AM
Eh		-73			mV		6/29/04 11:00:00 AM
рН		7.85	6.5-8.5		SU		6/29/04 11:00:00 AM
Temperature		13.3			degC	-	6/29/04 11:00:00 AM
Turbidity		3.76	5.0		NTU		6/29/04 11:00:00 AM
LEAD BY GFAA			E2	39.2	(SW302	20A)	Analyst: ES
Lead*		0.005	0.001		· mg/L	1.	7/6/04 12:00:00 PM
Lab ID:	U0406652-002				Collection Da	te: 6/29/04	4 9:30:00 AM
Client Sample ID	: MW-2				Matr	ix: WATE	ĨR
Analyses	·	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETI	ERS		FI	D			. Analyst:
Conductivity		1123	1.0		umhos/cm		6/29/04 9:30:00 AM
Eh		-65	-		mV		6/29/04 9:30:00 AM
рН	· · ·	7.84	6.5-8.5		SU		6/29/04 9:30:00 AM
Temperature		15.2			degC	· ·	6/29/04 9:30:00 AM
Turbidity		3.49	5.0		NTU	,	6/29/04 9:30:00 AM
LEAD BY GFAA			E23	9.2	(SW302	0A)	Analyst: ES
Lead*		ND .	0.001		mg/L	1	7/6/04 12:00:00 PM
Lab ID:	U0406652-003				Collection Dat	e: 6/29/04	9:45:00 AM
Client Sample ID:	MW-5				Matri	x: WATE	R
Analyses		Result	Limit	Qual	Units	DF	Date Analyzed
	RS		FL	D			Analyst:
Conductivity		1328	1.0		umhos/cm		6/29/04 9:45:00 AM
Eh		-58			m∨		6/29/04 9:45:00 AM
pН		7.71	6.5-8.5		SU		6/29/04 9:45:00 AM
Temperature		14.8			degC		6/29/04 9:45:00 AM
Turbidity		5.69	5.0		NTU		6/29/04 9:45:00 AM
EAD BY GFAA	·		E23	9.2	(SW3020	)A)	Analyst: ES
Lead*		0.005	0.001		mg/L	1	7/6/04 12:00:00 PM

Approved By:

Qualifiers:

Low Level

3

- E Value above quantitation range
- J Analyte detected below quantitation limits
- S Spike Recovery outside accepted recovery limits

Date: 7-14 Ļ ۷

Page 1 of 3

- B Analyte detected in the associated Method Blank
- H Holding times for preparation or analysis exceeded
- ND Not Detected at the Reporting Limit

Date: 15-Jul-04

CLIENT: Project:	Roux Associates, Inc. Syracuse China Landfil	1				Lat	o Ordei	·· U0406652
Lab ID:	U0406652-004			C	ollection	Date:	6/29/04	11:10:00 AM
Client Sample ID	: MW-6				N	latrix:	WATE	R
Analyses		Result	Limit	Qual	Units		DF	Date Analyzed
FIELD PARAMET	ERS		FL	.D	•			Analyst:
Conductivity		997	1.0	,	umhos/cm	l .		6/29/04 11:10:00 AM
Eh	-	-56		. 1	mV .			6/29/04 11:10:00 AM
рН		7.67	6.5-8.5	9	SU			6/29/04 11:10:00 AM
Temperature	1	14.5		c	legC			6/29/04 11:10:00 AM
Turbidity		7.47	5.0	۱	UTU		-	6/29/04 11:10:00 AM
LEAD BY GFAA			E23	9.2	(SW	(3020A)		Analyst: ES
Lead*		0.006	0.001	r	ng/L		1	7/6/04 12:00:00 PM
Lab ID:	U0406652-005			C	ollection	Date:	5/29/04	10:15:00 AM
Client Sample ID	: MW-8				M	latrix: '	WATE	ર
Analyses		Result	Limit	Qual I	U <b>nits</b>	<b></b>	DF	Date Analyzed
FIELD PARAMET	ERS		FL	D				Analyst:
Conductivity		2940	1.0	U	imhos/cm			6/29/04 10:15:00 AM
Eh		-37		л	nV			6/29/04 10:15:00 AM
рН	•	7.31	6.5-8.5	S	SU			6/29/04 10:15:00 AM
Temperature		13.4		đ	legC			6/29/04 10:15:00 AM
Turbidity		, 21.0	5.0	Ν	ITU			6/29/04 10:15:00 AM
LEAD BY GFAA			E23	9.2	(SW	3020A)		Analyst: ES
Lead*		0.002	0.001	27 <u>n</u>	ng/L	_	1	7/6/04 12:00:00 PM
Lab ID:	U0406652-006			Co	llection	Date: 6	5/29/04	10:00:00 AM
Client Sample ID:	<b>MW-10</b>				Μ	atrix: \	WATER	
Analyses		Result	Limit	Qual L	Jnits		DF	Date Analyzed
	IRS		FL	D				Analyst:
Conductivity	,	2680	1.0	U	mhos/cm			6/29/04 10:00:00 AM
Eh		-47		п	٧u			6/29/04 10:00:00 AM
pН		7.50	6.5-8.5	S	U			6/29/04 10:00:00 AM
Temperature		14.0		d	egC			6/29/04 10:00:00 AM
Turbidity	•	6.38	5.0	N	TU			6/29/04 10:00:00 AM
EAD BY GFAA			E239	<b>).2</b>	(SW	3020A)		Analyst: ES
Lead*		ND	0.001	л	ıg/L		1	7/6/04 12:00:00 PM
								•
·····			····					

Qualifiers:

- Low Level
- Ε Value above quantitation range
- Analyte detected below quantitation limits J
- Spike Recovery outside accepted recovery limits S

114 27

- В Analyte detected in the associated Method Blank
- Holding times for preparation or analysis exceeded Ч
- ND Not Detected at the Reporting Limit

Date: 15-Jul-04

CLIENT: Project:	Roux Associates, Inc. Syracuse China Landfill		· ·		Lab Order:	U0406652
Lab ID:	U0406652-007	·	· .	Collection I	Date: 6/29/04	10:25:00 AM
Client Sample ID	: SW-1			Ma	trix: WATER	
Analyses		Result	Limit Qua	l Units	DF	Date Analyzed
FIELD PARAMET	ERS		FLD			Analyst:
Conductivity		1266	1.0	umhos/cm		6/29/04 10:25:00 AM
Eh		-41		νm		6/29/04 10:25:00 AM
рН		7.36	6.5-8.5	su		6/29/04 10:25:00 AM
Temperature		17.7		degC		6/29/04 10:25:00 AM
Turbidity	<b>,</b> .	5.19	5.0	NTU		6/29/04 10:25:00 AM
LEAD BY GFAA			E239.2	(SW3	020A)	Analyst: ES
Lead*		0.002	0.001	mg/L	1	7/6/04 12:00:00 PM
Lab ID:	U0406652-008			Collection D	ate: 6/29/04 1	0:20:00 AM
Client Sample ID	: SW-2			Ma	trix: WATER	
Analyses		Result	Limit Qual	Units	DF	Date Analyzed
FIELD PARAMETI	ERS		FLD			Analyst:
Conductivity		1193	1.0	umhos/cm		6/29/04 10:20:00 AM
Eh		-35		mV .	-	6/29/04 10:20:00 AM
pН		7.23	6.5-8.5	SU		6/29/04 10:20:00 AM
Temperature		17.5		degC		6/29/04 10:20:00 AM
Turbidity		4.63	5.0	NTU		6/29/04 10:20:00 AM
EAD BY GFAA			E239.2	(SW3)	20A)	Analyst: ES
Lead*		ND	0.001	mg/L	•	7/6/04 12:00:00 PM

Approved 1	By:	TS	Date:	7-14-04	Page 3 of 3
Qualifiers:	•	Low Level	В	Analyte detected in the associated M	ethod Blank
	E	Value above quantitation range	н	Holding times for preparation or anal	lysis exceeded
	J	Analyte detected below quantitation limits	ND	Not Detected at the Reporting Limit	
	S	Spike Recovery outside accepted recovery limits			

KEY PAGE

1	MATRIX INTERFERENCE PRECLUDES LOWER DETECTION LIMITS
2	MATRIX INTERFERENCE FRECHEDER WAS OUTSIDE OF CONTROL LIMITS REFERENCE SAMPLE/CCV RECOVERY WAS OUTSIDE OF CONTROL LIMITS
3	METHOD BLANK RESULT WAS ABOVE THE CONTROL LIMITS
<b>4</b> '	ANALYSIS NOT PERFORMED BECAUSE OF INSUFFICIENT SAMPLE
5	ANALYSIS NOT PERFORMED BECAUSE OF INDEFICULTS LOWER DETECTION LIMITS THE PRESENCE OF OTHER TARGET ANALYTE(S) PRECLUDES LOWER DETECTION LIMITS
6	BLANK CORRECTED
7	HEAD SPACE PRESENT IN SAMPLE QUANTITATION LIMIT IS GREATER THAN THE CALCULATED REGULATORY LEVEL. THE
8	QUANTITATION LIMIT IS GREATER THAN THE CHIPSCHART IN THE REGULATORY LEVEL. QUANTITATION LIMIT THEREFORE BECOMES THE REGULATORY LEVEL.
	QUANTITATION LIMIT THEREFORE BECOME BECOME WITH EXTRACTION FLUID THE OIL WAS TREATED AS A SOLID AND LEACHED WITH EXTRACTION FLUID
9	THE OIL WAS TREATED AS A SOLID REC.D BASIS RESULTS ARE REPORTED ON AN AS REC.D BASIS
10	POSSIBLE CONTAMINATION FROM FIELD/LABORATORY
11	
12	SAMPLE ANALYZED OVER ROUDING TIME DISSOLVED VALUE MAY BE HIGHER THAN TOTAL DUE TO CONTAMINATION FROM
13	THE FILTERING PROCEDURE
14	SAMPLED BY ULI DISSOLVED VALUE MAY BE HIGHER THAN TOTAL; HOWEVER, THE VALUES ARE
15	
76	THE THEFT TOPY WAS OBSERVED IN THIS ANALISIS
16	
17 18	
·ΤΟ	THE SERIAL DILUTION OF THIS SAMPLE SUGGESTS A FORELLA SET EITHER HIGH OR LOW. INTERFERENT IN THIS DETERMINATION. THE DATA MAY BE BIASED EITHER HIGH OR LOW.
19	
20	CALCULATION BASED ON DRI WEIGHT INDICATES AN ESTIMATED VALUE, DETECTED BUT BELOW THE PRACTICAL QUANTITATION
	I TMTTS
21	UC/KG AS REC.D / UG/KG DRY WT
22	weiter se stor s / MC/KG DRY WY
23	INSUFFICIENT SAMPLE PRECLUDES LOWER DETECTION HIMITS
24	SAMPLE DILUTED/BLANK CORRECTED
25	ND (NON-DETECTED)
26	DUPLICATE SAMPLE OUTSIDE QC CRITERIA DUPLICATE SAMPLE OUTSIDE QC CRITERIA
27	DUPLICATE SAMPLE OUTSIDE QU CHILINI SPIKE RECOVERY ABNORMALLY HIGH/LOW DUE TO MATRIX INTERFERENCE POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL POST-DIGESTION SPIKE FOR FURNACE AA ANALYSIS IS OUTSIDE OF THE CONTROL
28	POST-DIGESTION SPIKE FOR FURNACE SAMPLE CONCENTRATION IS BELOW THE PQL LIMITS (85-115%); HOWEVER, THE SAMPLE CONCENTRATION IS BELOW THE PQL
	LIMITS (85-115%); HOWEVER, INS SAMIL CONCLUSION IN
29	ANALYZED BY METHOD OF STANDARD ADDITIONS
30	FIELD MEASURED PARAMETER TAKEN BY CLIENT
31	
32	A A A A A A A A A A A A A A A A A A A
33	
- 4	ON A TUTAL BASIS; INE IGGI ABOVEL CAN DA COMMAND
34	THE SAMPLE WAS ANALIZED ON A TOTAL DIVIDING THE TEST RESULT BY 20, TO THE TCLP REGULATORY CRITERIA BY DIVIDING THE TEST RESULT BY 20,
75	CREATING A THEORETICAL TOLP VALUE THE HYDROCARBONS DETECTED IN THE SAMPLE DID NOT CROSS-MATCH WITH COMMON
3.5	THE THE THE TRANSPORT CAUSING SPIKES TO RESULT IN LESS THAN SOLOG RECORDER
38	MILLIGRAMS PER LITER (MG/L) / FOONDS (1257, 1211, 1212) / POUNDS (LBS) MILLIGRAMS PER LITER (MG/L) OF RESIDUAL CHLORINE (CL2) / POUNDS (LBS)
39	PER DAY OF CL2 MICROGRAMS PER LITER (UG/L) / POUNDS (LBS) PER DAY
(E	COMPONING WHOSE CONCENTRATIONS EXCERD THE CAMIBRATION MENOD OF THE CO, HE
	INSTRUMENT FOR THAT SPECIFIC ANALISIS
(J	A REAL PROPERTY AND A REAL
- (a	) SAMPLE(S) RECEIVED AT THE IMPROPER IMPERATORS
(h	UTERSPACE IN VOA VIAL(5)
(c	) HEADSPACE IN ALKALINITY BOTTLE (S)

(d) SAMPLE CONTAINER (S) RECEIVED BROKEN

Upstate La Client: Project: Well ID.:		INC. Groun Associates, use China Lar MW-1	Inc.	Log File: TS-30  ULI ID No. (en		d: 12/2001
Condition of W	Vell:	GOOD		Locked:	NO	
Method of Eva	acuation:			Lock ID:	N/A	_
Method of Sar	mpling:	DEDICATED BAI	LER			· · ·
<b>↑</b> ↑ ↑∫		A.	Diameter of W	ell	2"	inches
	100	В.	Well Depth Me	asured	24.5	feet
		С.	Depth to Wate	r	17.40	feet
	. [	D.	Length of Wate	er Column (calculated)	7.10	feet
B ♠	WATER		Conversion Fa	ctor	X.16	
	LEVEL		Well Volume (c	alculated)	1.136	gallons
			No. of Volumes	s to be Evacuated	× 3	
			Total Volume to	o be Evacuated	3.408	 gallons
$\downarrow$ $\downarrow$			Actual Volume	Evacuated	6	gallons
F	SILT	E.	Installed Well D	)epth (if known)	N/A	feet
↓ ↓		F.	Depth of Silt (ca	alculated	N/a	feet
Field	Initial	Fi	nal	% Recha	'AQ'	
Measurements	Evacuation		ampling		-	
Date	6/28/2004		6/29/2004	Initial Dep	th to Water	<u>17.40 feet</u>
Time	12:40 PM		11:00 AM	Recharge D	epth to Water	<u>17.47 feet</u>
EH			-73	III		
Temperature	14.2 c		<u>13.3 c</u>	2nd water	column height	<u>99.0141 %</u>
рН	7.44		7.85	1st water	column height	
Specific Cond.	994		839			
Furbidity	11.3		3.76	Elevation(To	p of Casing)	feet
Dissolved Oxygen			N/A	G.W. Elev		feet
Appearance	clear		clear		on ⇒Top of Case Ele	ev-Total Depth
Weather:	65 f cloudy		75 f sunny	Sampler:		
Observations:				<u>Paul Baltz</u> Signature:		
		<u> </u>	·		Fail Kalt	=

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Aeil ID:       MW-2         Condition of Well:	lient:	Roux Asso			_		
Condition of Well:       GOOD       Locked:       NO         Method of Evacuation:       DEDICATED BAILER       Lock ID:       N/A         Method of Sampling:       DEDICATED BAILER       6.28       feet         No.       Diameter of Well       2"       inches         B       Well Depth Measured       13.1       feet         C.       Depth to Water       6.28       feet         D.       Length of Water Column (calculated)       1.0912       gallons         No. of Volumes to be Evacuated       3.2736       gallons       Actual Volume to be Evacuated       5       gallons         Actual Volume to be Evacuated       5       gallons       Actual Volume to be Evacuated       5       gallons         Initial Evacuation       Final Sampling       5% Recharge:       2nd water column height       99.4135 %         tet       6.28       7.84       10       6.28       feet         10:00 AM       9:30 AM       9:30 AM       1220       2nd water c	roject:			ndfill	ULI ID No. (ei	nter by lab)	
Method of Evacuation:       DEDICATED BAILER       Lock (D:       N/A         Method of Sampling:       DEDICATED BAILER       A       A         Method of Sampling:       DEDICATED BAILER       A       Diameter of Well       2" inches         Method of Sampling:       DEDICATED BAILER       A       Diameter of Well       2" inches         Method of Sampling:       TOP       A       Diameter of Well       2" inches         B       Well Depth Measured       13.1       feet       6.28       feet         D       Length of Water Column (calculated)       6.32       feet       Gonversion Factor       X.16          Well Volume (calculated)       1.0912       gallons       No. of Volumes to be Evacuated       3.2736       gallons         No. of Volume to be Evacuated       5       gallons       Actual Volume Evacuated       5       gallons         Actual Volume to be Evacuated       5       gallons       Actual Volume Evacuated       5       gallons         Actual Volume to filt (calculated       N/A       feet       feet       feet       feet         B       Initial       Evacuation       Sampling       feet       feet       feet         B       10       -65			<u>//-/</u>				
Method of Sampling:       DEDICATED BAILER         Image: Constraint of the second of the	Condition of Well:	<u> </u>	GOOD		Locked:	NO	
A       Diameter of Well       2°       inches         TOP       R.       Diameter of Well       2°       inches         B       Well Depth Measured       13.1       feet         C.       Depth to Water       6.28       feet         D.       Length of Water Column (calculated)       6.82       feet         D.       Length of Water Column (calculated)       6.82       feet         D.       Length of Vater Column (calculated)       1.0912       gallons         No. of Volumes to be Evacuated       X3        Well Volume to be Evacuated       3.2736       gallons         No. of Volumes to be Evacuated       3.2736       gallons       Actual Volume Evacuated       5       gallons         Actual Volume to be Evacuated       5       gallons       Actual Volume Evacuated       5.2       gallons         Actual Volume to Silt (calculated       N/a       feet       Initial       feet       Initial       Starpeing       Initial       feet         easurements       Evacuation       Silt       Silt (calculated)       N/a       feet         fme       10:00 AM       9:30 AM       9:30 AM       feet       Initial Depth to Water       6.32       fee         <	Method of Evacuation	n: <u> </u>	ATED BA		Lock ID:	N/A	- 
A.       Diameter of Well       2"       inches         TOP       TOP       B.       Well Depth Measured       13.1       feet         B.       Well Depth to Water       6.28       feet       D.       Length of Water Column (calculated)       6.82       feet         D.       Length of Water Column (calculated)       6.82       feet       Conversion Factor       X.16          Well Volume (calculated)       1.0912       gallons       No. of Volumes to be Evacuated       3.2736       gallons         No. of Volume to be Evacuated       5       gallons       Actual Volume Evacuated       5       gallons         Actual Volume to be Evacuated       5       gallons       Actual Volume Evacuated       5       gallons         E.       Installed Well Depth of Silt (calculated)       N/A       feet       N/A       feet         eld       Initial       Final       Sampling       % Recharge:       feet         ate       6/28/2004       6/28/2004       6/29/2004       N/a       feet         the       10       -65       2nd water column height       99.4135 %         ate       6/28/2004       75.1       3.49       Evavation(Top of Casing)       feet	Method of Sampling:		ATED BA	ILER	-		·
B.       Well Depth Measured       13.1       feet         C.       Depth to Water       6.28       feet         D.       Length of Water Column (calculated)       6.82       feet         D.       Length of Water Column (calculated)       6.82       feet         D.       Length of Water Column (calculated)       6.92       feet         Well Volume (calculated)       1.0912       gallons         No. of Volumes to be Evacuated       3.2736       gallons         Actual Volume to be Evacuated       5       gallons         Actual Volume to be Evacuated       5       gallons         Actual Volume to Silt (calculated)       N/A       feet         F.       Depth of Silt (calculated       N/a       feet         Initial easurements       Evacuation       Sampling       initial Depth to Water       6.28         ate       6/28/2004       6/29/2004       9/30.AM       feet       10.000 AM       9/30.AM         H       10       -65       2nd water column height       99.4135 %       1st water column height       99.4135 %         ath       6.46       7.84       1st water column height       99.4135 %       1st water column height       99.4135 %         arbidity	▲ ▲		A.	Diameter of We	1	2"	inches
B       WATER       D.       Length of Water Column (calculated)       6.82       feet         B       F       LEVEL       Conversion Factor       X.16          Well Volume (calculated)       1.0912       gallons         No. of Volumes to be Evacuated       X.3          Total Volume to be Evacuated       3.2736       gallons         Actual Volume to be Evacuated       5       gallons         Actual Volume Evacuated       5       gallons         Baser Evacuation       Sampling       N/A         Atter       6/28/2004       6/29/2004         H       10       -65         Particle Cond.       15.2 c         Atter Column height       99.4135 %         1st water column height       99.4135 %         1briditi		,	В.	Well Depth Mea	sured	13.1	feet
B       VATER       Conversion Factor       X.16          Well Volume (calculated)       1.0912       gallons         No. of Volumes to be Evacuated       X.3          Total Volume to be Evacuated       3.2736       gallons         Actual Volume to be Evacuated       5       gallons         Actual Volume to be Evacuated       5       gallons         Actual Volume Evacuated       5       gallons         SILT       E. Installed Well Depth (if known)       N/A         F. Depth of Silt (calculated       N/a       feet         Initial easurements       Evacuation       Sampling         ate       6/28/2004       6/29/2004         H       10       -65         amperature       15.8 c       15.2 c         A       6.46       7.84         A       6.46       7.84         A       6.46       7.84         Deperance       Cloudy       Clear         G.W. Elevation=       fee         G.W. Elevation= Top of Casing)       fee         Sampler:       Sampler:			C.	Depth to Water		6.28	feet
Image: second			D.	Length of Water	Column (calculated)	6.82	feet
Well Volume (calculated)       1.0912       gallons         No. of Volumes to be Evacuated       X.3          Total Volume to be Evacuated       3.2736       gallons         Actual Volume to be Evacuated       5       gallons         Actual Volume Evacuated       5       gallons         SILT       E.       Installed Well Depth (if known)       N/A         F.       Depth of Silt (calculated       N/a       feet         easurements       Evacuation       Final       % Recharge:         ate       6/28/2004       6/29/2004       % Recharge:         H       10       -65       -65         eamperature       15.8 c       15.2 c       2nd water column height       99.4135 %         A       6.46       7.84       1st water column height       99.4135 %         arbeitig Cond.       1280       1123       1st water column height       94.135 %         assolved Oxygen       N/A       N/A       N/A       Elevation=       feet         Samplerance       cloudy       75 f sunny       Sampler:       Sampler:	C2.205000000, Ap. 200000	den Steraster		Conversion Fact	lor -	X.16	
No. of Volumes to be Evacuated       X 3          Total Volume to be Evacuated       3.2736       gallons         Actual Volume to be Evacuated       5       gallons         Actual Volume Evacuated       5       gallons         Actual Volume Evacuated       5       gallons         Actual Volume Evacuated       5       gallons         SILT       E.       Installed Well Depth (if known)       N/A         feet       6/28/2004       6/29/2004       N/a       feet         ate       6/28/2004       6/29/2004       Recharge:       Initial Depth to Water       6.32       feet         H       10       -65       -65       2nd water column height       99.4135 %         H       6.46       7.84       1st water column height       99.4135 %         At       6.46       7.84       1st water column height       99.4135 %         At       6.46       7.84       1st water column height       6.32         ssolved Oxygen       N/A       N/A       G.W. Elevation=       feet         G.W. Elevation = cloudy       Clear       G.W. Elevation =				Well Volume (ca	lculated)	1.0912	gallons
Actual Volume Evacuated       5       gallons         F       SILT       E. Installed Well Depth (if known)       N/A       feet         F.       Depth of Silt (calculated       N/a       feet         easurements       Evacuation       Final       % Recharge:         ate       6/28/2004       6/29/2004       Recharge:         H       10       -65       2nd water column height       99.4135 %         H       6.46       7.84       1st water column height       99.4135 %         A       6.46       7.84       1st water column height       91.4135 %         Libdity       57.1       3.49       Elevation(Top of Casing)       feet         Ssolved Oxygen       N/A       N/A       G.W. Elevation = Top of Case Elev-Total Depth         eather:       65 f cloudy       75 f sunny       Sampler:				No. of Volumes I	to be Evacuated	X 3	
F       SILT       E.       Installed Well Depth (if known)       N/A       feet         F.       Depth of Silt (calculated       N/a       feet         eadurements       Evacuation       Sampling       Initial Depth to Water       6.28       feet         ate       6/28/2004       6/29/2004       8/29/2004       Recharge:       Initial Depth to Water       6.32       feet         H       10       -65       -65       2nd water column height       99.4135 %         H       6.46       7.84       1st water column height       99.4135 %         Libidity       57.1       3.49       Elevation(Top of Casing)       feer         ssolved Oxygen       N/A       N/A       G.W.Elevation = Top of Case Elev-Total Depth         eather:       65 f cloudy       75 f sunny       Sampler:				Total Volume to	be Evacuated	3.2736	gallons
F.       Depth of Silt (calculated       N/a       feet         eld       Initial       Final       % Recharge:         easurements       Evacuation       Sampling       Initial Depth to Water       6.28       feet         ate       6/28/2004       6/29/2004       Recharge Depth to Water       6.32       feet         H       10       -65       2nd water column height       99.4135 %         H       6.46       7.84       1st water column height       99.4135 %         H       6.46       7.84       1st water column height       99.4135 %         Lurbidity       57.1       3.49       Elevation(Top of Casing)       feet         ssolved Oxygen       N/A       N/A       G.W. Elevation=       feet         G.W. Elevation = Top of Case Elev-Total Depth       75 f sunny       Sampler:	· ↑ ·			Actual Volume E	vacuated	5	gallóns
eid       Initial       Final       % Recharge:         easurements       Evacuation       Sampling       Initial Depth to Water       6.28       fee         ate       6/28/2004       6/29/2004       Initial Depth to Water       6.28       fee         ate       6/28/2004       6/29/2004       Recharge Depth to Water       6.32       fee         me       10       -65       -65       -65       -64       -64       -64       -64       -64       -64       -64       -64       -64       1st water column height       99.4135 %       -64       -64       -64       -64       -64       -64       -64       -65       -65       -65       -65       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66       -66			E.	Installed Well De	pth (if known)	N/A	feet
easurementsEvacuationSamplingate6/28/20046/29/2004me10:00 AM9:30 AMH10-65emperature15.8 c15.2 cH6.467.84Decific Cond.1260urbidity57.1Ssolved OxygenN/AN/AN/AOpearancecloudyCloudy75 f sunnySamplingSamplingInitial Depth to Water6.28 feeInitial Depth to Water6.32 feeRecharge Depth to Water6.32 feeRecharge Depth to Water6.32 feeInitial Depth to Water7.84Initial Depth to Water1123Initial Depth to Water1123	↓ ↓		F.	Depth of Silt (cal	culated	N/a	feet
easurementsEvacuationSamplingate6/28/20046/29/2004me10:00 AM9:30 AMH10-65emperature15.8 c15.2 cH6.467.84Decific Cond.1260urbidity57.1Ssolved OxygenN/AN/AN/AOpearancecloudyCloudy75 f sunnySamplingSamplingInitial Depth to Water6.28 feeInitial Depth to Water6.32 feeRecharge Depth to Water6.32 feeRecharge Depth to Water6.32 feeInitial Depth to Water7.84Initial Depth to Water1123Initial Depth to Water1123	ield Initial		F	inal	% Recha	irae.	
ate6/28/20046/29/2004rne10:00 AM9:30 AMH10-65emperature15.8 c15.2 cH6.467.8416.461123Decific Cond.126011231st water column heightSolved OxygenN/AN/AN/AOpearancecloudy65 f cloudy75 f sunnySampler:						-	
me10:00 AM9:30 AMRecharge Depth to Water6.32feeH10-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65-65	ato	6/28/2004	-	6/29/2004	Initial De	pth to Water _	<u>6.28 fee</u>
H       10       -65         emperature       15.8 c       15.2 c       2nd water column height       99.4135 %         H       6.46       7.84       1st water column height       99.4135 %         Decific Cond.       1260       1123       1st water column height       99.4135 %         Jurbidity       57.1       3.49       Elevation(Top of Casing)       feet         Ssolved Oxygen       N/A       N/A       G.W. Elevation = feet       G.W. Elevation = Top of Case Elev-Total Depth         eather:       65 f cloudy       75 f sunny       Sampler:	the second s				 Recharge (	Depth to Water	6.32 fee
emperature       15.8 c       15.2 c       2nd water column height       99.4135 %         H       6.46       7.84       1st water column height       99.4135 %         Decific Cond.       1260       1123       1st water column height       99.4135 %         urbidity       57.1       3.49       Elevation(Top of Casing)       feel         ssolved Oxygen       N/A       N/A       G.W. Elevation=       feel         opearance       cloudy       clear       G.W. Elevation = Top of Case Elev-Total Depth         eather:       65 f cloudy       75 f sunny       Sampler:		······		-65		-	
6.46     7.84     1st water column height       Decific Cond.     1260     1123       urbidity     57.1     3.49       ssolved Oxygen     N/A     N/A       Opearance     cloudy     clear       eather:     65 f cloudy     75 f sunny	emperature	- <u></u>		15.2 c	 2nd wate	r column heighi	t 99.4135 %
Decific Cond.     1260     1123       urbidity     57.1     3.49     Elevation(Top of Casing)     feet       ssolved Oxygen     N/A     N/A     G.W. Elevation=     feet       opearance     cloudy     clear     G.W. Elevation = Top of Case Elev-Total Depth       eather:     65 f cloudy     75 f sunny     Sampler:			<del></del>			· · · · · · · · · · · · · · · · · · ·	
urbidity       57.1       3.49       Elevation(Top of Casing)       feet         ssolved Oxygen       N/A       N/A       G.W. Elevation=       feet         opearance       cloudy       clear       G.W. Elevation=Top of Case Elev-Total Depth         eather:       65 f cloudy       75 f sunny       Sampler:		· · · · · · · · · · · · · · · · · · ·	. —		-		
N/A     N/A     G.W. Elevation=     feel       opearance     cloudy     clear     G.W. Elevation= Top of Case Elev-Total Depth       eather:     65 f cloudy     75 f sunny     Sampler:		the second se			Elevation(T	op of Casing)	feet
opearance     clear     G.W.Elevation = Top of Case Elev-Total Depth       eather:     65 f cloudy     75 f sunny     Sampler:	ssolved Oxygen	N/A		N/A	G.W. Ele	vation=	feet
				clear	G.W.Elevat	ion ≠Top of Case E	lev-Total Depth
	eather:	65 f cloudy	<u> </u>	75 f sunny			

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Upstate Lat	poratories, Inc.	Grour	nd water F	ield Log	File: T	S-30-01	Revise	ed: 12/20	01
Client:	Roux Asso	ociates,	Inc.						
Project:	Syracuse C	hina La	ndfill		ULI ID No.	(enter	by lab)		
Well ID.:	MV	V-5							
Condition of We	ell:	GOOD		L	ocked:		<u>NO</u>		
Method of Evac	uation: DEDIC	ATED BA	ILER	L	ock ID:		N/A		
Method of Sam	pling:DEDIC	ATED BA							
<b>↑</b> ↑ <b>↑</b>		А.	Diameter	of Well			2"	in:	ches ·
		В.	Well Dep	th Measure	d	_	13.4	fe	et
		C.	Depth to v	Water		_	3.58	fe	et
		D.	Length of	Water Colu	umn (calculat	ted)	9.82	fe	et
	WATER LEVEL	-	Conversio	on Factor			X.16		
			Well Volu	me (calcula	ited)		1.5712	ga	llons
			No. of Vo	lumes to be	Evacuated		<u>X 3</u>		
			Total Volu	ime to be E	vacuated		4.7136	ga	llons
	· · ·		Actual Vo	lume Evacu	lated		8	ga	lions
F	SILT	E.	Installed V	Vell Depth (	(if known)		N/A	fee	t
★ ★		F.	Depth of S	Silt (calculat	ed	·	N/a	fee	t
<sup>-</sup> ield Measurements	Initial Evacuation		inal ampling		% Re	echarge	:		
			, _		Initial	l Depth	to Water	3,58	feet
)ate	6/28/2004		6/29/20					2 52	6 1
ime	10:45 AM		9:45 Al	<u>vi</u>	Recna	irge Depti	h to Water 🔔	3.53	feet
H	-10		<u>-58</u> 14.8 c		and	unter or	lumn haiaht	100 5	<u>م</u>
emperature H	<u> </u>		7.71	, 			lumn height umn height	_100.5	JB 70
pecific Cond.	1682		1328	<u> </u>			ann neight		
urbidity	88.8		5.69		Elevati	ion(Top a	f Casing)		feet
) issolved Oxygen	N/A	_	N/A			Elevati	. —		feet
ppearance	cloudy		clear		G.W.E	levation =	Top of Case E	lev-Total D	
Veather: Dbservations:	65 f cloudy		75 f suni	ny		Baltzers	ien		
·				<u> </u>	Signa	iture:	W Riff		

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Jpstate Labo	=	Associates,	nd water Fie Inc.		le: TS-30-		ed: 12/200	
roject:	Syracı	ise China La	ndfill	ULI II	DNo. (ent	er by lab)		
/ell 1D.:		<u>MW-6</u>		<u></u>				
Condition of Well:		GOOD		Locked:		NO		
Method of Evacuat	lion:	DEDICATED BA	LER	Lock ID:	<u></u>	<u>N/A</u>		
Method of Samplin	ıg:l	DEDICATED BA	ILER					
		Α.	Diameter o	f Well		2"	inc	hes
		В.	Well Depth	Measured		15.36	fee	et
		C.	Depth to W	ater		6.23	fee	et
		D.	Length of W	Vater Column (ca	lculated)	9.13	fee	et
	ATER		Conversion	Factor		<u>X.16</u>		
	EVEL		Well Volum	e (calculated)		1.4608	gal	lons
			No. of Volui	mes to be Evacu	ated	X 3		
			Total Volum	ne to be Evacuate	ed .	4.3824	gal	lons
			Actual Volu	me Evacuated	-	7	gal	lons
F SI	LT	E.	Installed We	ell Depth (if know	n) .	N/A	fee	t
↓ ↓		F.	Depth of Sili	t (calculated	-	N/a	fee	t
eld Ini	tial	=	inal		% Rechar	<b>a</b> o:		Circum
	vacuation		Sampling			-		
ate	6/28/2004		6/29/2004		Initial Dept	th to Water	6.23	fee
me	1:20 PM		11:10 AM		Recharge De	pth to Water	6.29	fee
+	-52		-56					
mperature	14.1 c		14.5 c		2nd water	column height	99.342	28 %
ı —	7.62		7.67		1st water o	column height		
ecific Cond.	916		997					
rbidity	54.5		7.47		Elevation(Top	p of Casing)		fee
ssolved Oxygen	N/A	_ <u></u>	<u>N/A</u>		G.W. Eleva			fee
pearance	cloudy		<u>cle</u> ar		G.W.Elevatio	n =Top of Case El	ev-Total De	epth
eather: pservations:	65 f cloudy		75 f sunny	0000000	Sampler: Paul Baltze	ersen		
					Signature:	and Full	$\geq$	

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Veil ID.:     MW-8       Condition of Well:     GOOD     Locker       Method of Evacuation:     DEDICATED BAILER     Lock II       Method of Sampling:     DEDICATED BAILER     Lock II       Method of Sampling     No. Of Well     No. Of Well       Method of Sampling     Sampling     Sampling	D:	lab) <u>NO</u> <u>N/A</u> <u>2"</u> <u>20.73</u> 4.32	inches feet
Condition of Well:       GOOD       Locket         Method of Evacuation:       DEDICATED BAILER       Lock II         Method of Sampling:       DEDICATED BAILER       Lock II         Image: Operation of Well       B.       Well Depth Measured       C.         Image: Operation of Well       B.       Well Depth Measured       C.       Depth to Water         Image: Operation of Well       B.       Well Depth Measured       C.       Depth to Water         Image: Operation of Well       B.       Well Depth Measured       C.       Depth to Water         Image: Operation of Well       WATER       Conversion Factor       Well Volume (calculated)         Image: No. of Volumes to be Evacuted       No. of Volumes to be Evacuted       Actual Volume to be Evacuted         Image: SiLT       E.       Installed Well Depth (if known of Sitt (calculated)         Image: Operation of Sitt (calculated)       Sampling	D:	N/A 2" 20.73	
Method of Evacuation:       DEDICATED BAILER       Lock II         Method of Sampling:       DEDICATED BAILER       Lock II	D:	N/A 2" 20.73	
Method of Sampling: DEDICATED BAILER  A. Diameter of Well B. Well Depth Measured C. Depth to Water D. Length of Water Column ( WATER LEVEL WATER LEVEL WATER SILT F, Depth of Silt (calculated) No. of Volumes to be Evacu Actual Volume to be Evacu Actual Volume Evacuated SILT E. Installed Well Depth (if know F. Depth of Silt (calculated)  eld eld eld eld eld eld eld eld eld el		<u>2"</u> 20.73	
A A Diameter of Well B. Well Depth Measured C. Depth to Water D. Length of Water Column ( Conversion Factor Well Volume (calculated) No. of Volumes to be Eva Total Volume to be Evacu Actual Volume to be Evacu Actual Volume to be Evacu Actual Volume Evacuated E. Installed Well Depth (if known F. Depth of Sift (calculated) Silt (calculated) eld easurements Evacuation A. Diameter of Well B. Well Depth Measured C. Depth to Water D. Length of Water Column ( Conversion Factor Well Volume to be Evacu Actual Volume to be Evacu Actual Volume to be Evacu Actual Volume to be Evacu Actual Volume to Sift (calculated) F. Depth of Sift (calculated) Sampling Atte		-20.73	
A. Diameter of Well B. Well Depth Measured C. Depth to Water D. Length of Water Column. ( WATER LEVEL Well Volume (calculated) No. of Volumes to be Evacu Actual Volume to be Evacu Actual Volume Evacuated SILT E. Installed Well Depth (if known F. Depth of Sift (calculated) Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated Simulated		-20.73	
B. Well Depth Measured C. Depth to Water D. Length of Water Column ( Conversion Factor Well Volume (calculated) No. of Volumes to be Eva Total Volume to be Evacu Actual Volume to be Evacu Actual Volume Evacuated E. Installed Well Depth (if known F. Depth of Sift (calculated) No. attached to be final Evacuation ate <u>6/28/2004</u> 6/29/2004			feet
Imitial       F       Description         Imitial       Imitial       Final         Imitial	caiculated)	4 32	
B       WATER       Conversion Factor         Vell Volume (calculated)       No. of Volumes to be Eva         No. of Volume to be Evacu       Actual Volume to be Evacu         Actual Volume Evacuated       SILT         F       Initial         Easurements       Initial         Evacuation       Final         Sampling         Ate       6/28/2004	calculated)	· · · · ·	feet
Image: LEVEL       Well Volume (calculated)         No. of Volumes to be Eva       Total Volume to be Evacu         Actual Volume Evacuated       Actual Volume Evacuated         SILT       E.         Installed Well Depth (if known         reasurements       Evacuation         ate       6/28/2004		16.41	feet
Well Volume (calculated)         No. of Volumes to be Eva         Total Volume to be Evacu         Actual Volume Evacuated         SILT         E.         Installed Well Depth (if known)         F.         Depth of Sift (calculated)         easurements         Evacuation         Attack         6/28/2004		X.16	
No. of Volumes to be Eva Total Volume to be Evacu Actual Volume Evacuated SILT F V SILT E. Installed Well Depth (if known F. Depth of Silt (calculated eld easurements Evacuation ate <u>6/28/2004</u> <u>6/29/2004</u>	:	2.6256	gallons
Actual Volume Evacuated SILT SILT E. Installed Well Depth (if known F. Depth of Silt (calculated eld easurements Evacuation ate <u>6/28/2004</u> <u>6/29/2004</u>	uated	<u>X 3</u>	
F SILT E. Installed Well Depth (if known F. Depth of Silt (calculated eld Initial Final easurements Evacuation Sampling ate <u>6/28/2004</u> <u>6/29/2004</u>	ated	7.8768	gallons
F. Depth of Silt (calculated eld Initial Final easurements Evacuation Sampling ate <u>6/28/2004</u> <u>6/29/2004</u>		10	gallons
eld Initial Final easurements Evacuation Sampling ate6/28/20046/29/2004	wn)	N/A	feet
leasurements Evacuation Sampling ate <u>6/28/2004</u> <u>6/29/2004</u>		N/a	feet
leasurements Evacuation Sampling	% Recharge:		
	Wittenange.		
	Initial Depth to V	Water 4.3	32 feet
	Recharge Depth to	Water 4.3	8 feet
-10 -37			
emperature 12.4 c 13.4 c	2nd water colun	nn height 9'	9.6344 %
6.80 7.31	1st water colum		
ecific Cond. 3050 · 2940		_	
rbidity 22.5 21.0	Elevation(Top of Ca	sing) '	feet
ssolved OxygenN/AN/AN/A	G.W. Elevation=	:	féet
pearance slighty cloudy slightly cloudy	G.W.Elevation ≠Top	) of Case Elev-To	stal Depth
eather: 65 f cloudy 75 f sunny	Sampler:		
pservations:	Paul Baltzersen		

-

Mactato Lak	poratorias Ir		nd water Ei			•·· • •		
Client:	ooratories, Ir Roux A	lo. Groun Associates,		ela Log Fi	e: TS-30-	01 Revise	d: 12/200	1
Project:		se China La		ULI IC	) No. (ent	er by lab)		
Well ID.:		MW-10						
Condition of We	ell:	GOOD		Locked:	<u> </u>	NO	<u> </u>	
Method of Evac	cuation: D	EDICATED BA		Lock ID:		N/A		
Method of Sam	pling:D	EDICATED BA						
•	A ->				•			
<b>↑</b> ↑ ↑ Г	TOP	Α.	Diameter	of Well		2"	inct	ies
		В.	Well Dept	n Measured		13	feet	
		C.	Depth to V	Vater		2.61	feet	
		D.	Length of	Water Column (cal	culated)	10.39	feet	
B ▲	WATER		Conversio	n Factor		X.16		-
	LEVEL		Well Volun	ne (calculated)		1.6624	gallo	ons
			No. of Volu	imes to be Evacua	ited	X 3		•
			Total Volur	me to be Evacuate	d	4.9872	gallo	กร
<b>↓</b> ↓			Actual Volu	ume Evacuated		8	 gallo	ns
F	SILT	E.	Installed W	/ell Depth (if knowr	- 1)	N/A	feet	
		F.		ilt (calculated	· -	N/a	– feet	
• • •		•••	F				_ 1001	
Field	Initial	F	Final		% Rechar	ge: ·		
Measurements	Evacuation		Sampling		Initial Dool	h to Water	261	fact
Date	6/28/2004	,	6/29/200	0000000	initiai Dehi		2.61	feet
Time	11:20 AM	`	10:00 AN	<u>v</u>	Recharge De	pth to Water	2.56	feet
EH			-47	📓				
Temperature	<u>14.1 c</u>		14.0 c		2nd water	column height	100,481	<u> %</u>
pН	6.81		7.50		lst water o	olumn height		

Specific Cond.

Dissolved Oxygen

Turbidity

Appearance

Observations:

Weather:

2740

59.6

N/A

cloudy

65 f cloudy

2680 6.38 Elevation(Top of Casing) N/A G.W. Elevation= clear G.W.Elevation =Top of Case Elev-Total Depth 75 f sunny Sampler: Paul Baltzersen Signature:

feet

feet

ent: Roux As	sociates, Inc.	) Sampler (print):	Paul Baltzersen
oject: Syracuse		Signature:	PoRal
ate: 6/29/20			- fare Jung
	aterial and the state water frequency and the state of the		
ocation	Surface Water 1		5 AM UELID NO
ł .	41 MV	WEATHER CONDITION:	75 f sunny
MPERATURE	17.7 C OR F		
	7.36 STD.UNITS	APPEARANCE / OBSERVAT	
PEC. CON.	<u>1266</u> имноз/см	DO <u>n/a</u>	MG/L
JRB	<u>דא 5.19</u> דא <u>5.19</u>	STAFF GUAGE <u>N/a</u>	in with the fact and the second se
ocation	Surface Water 2	TIME SAMPLED 10:20	AM UELID NO
4	-35 MV	WEATHER CONDITION:	75 f sunny
MPERATURE	17.5 COR F		
ł	7.23 STD.UNITS	APPEARANCE / OBSERVAT	IONS clear
PEC, CON.	1193 имноз/см	DO 'n/a	MG/L
JRB	4.63 NTU	STAFF GUAGE n/a	
ocation	yere en der den son i versiert son of son son son son ander son	TIME SAMPLED	UERID NO.
ł	 MV	WEATHER CONDITION:	
MPERATURE	C OR F		
l	STD.UNITS	APPEARANCE / OBSERVAT	10NS
EC. CON.	UMHOS/CM	DO	MG/L
IRB	NTU	STAFF GUAGE	
cation		TIME SAMPLED	ULLID NO
	 MV	WEATHER CONDITION:	and a second
MPERATURE	C OR F		
1	STD.UNITS	APPEARANCE / OBSERVAT	IONS
EC. CON.	UMHOS/CM	DO	MG/L
RB	NTU	STAFF GUAGE	
cation		TIME SAMPLED	
!	 MV	WEATHER CONDITION:	
MPERATURE	C OR F	·	
	STD.UNITS	APPEARANCE / OBSERVAT	IONS
EC. CON.	Uмноs/см	DO	MG/L
R8	NTU	STAFF GUAGE	
cation	ىرىنى بەركەر مەركەر مەركەر مەركەر ئەر بەر ئەر بەر ئەر بەر ئەر ئەر ئەر ئەر ئەر ئەر ئەر ئەر ئەر ئ	TIME SAMPLED	UENID NO
	MV	WEATHER CONDITION:	
MPERATURE	C OR F		
	STD UNITS	APPEARANCE / OBSERVATI	ONS
EC. CON.	UMHOS/CM	DO .	MG/L
RB	NTU	STAFF GUAGE	

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## Syracuse China Landfill

#### Gas Monitoring

#### 6/28/2004

LOCATION	H2S (ppm)	LEL (%)	TIME	
GV - 1	0	· 0	2:35 PM	
GV - 2	0	0 .	2:25 PM	
GV - 3	0	0	2:17 PM	
GV -4	0	0	2:30 PM	
GV-5	0	0	3:10 PM	
GV - 6	0	. 0	3:15 PM	
GV - 7	0	0	2:00 PM	-
TG - 1	0	0	2:45 PM	
TG - 2	0	0	2:12 PM	
TG - 3	0	0	2:05 PM	
TG - 4	0	0	3:20 PM	
TG - 5	0	0	3:05 PM	
TG - 6	0	0	2:55 PM	

METER: BW Technologies Gas Alert Max / Model: GAMAX 3-4

Sampled By: Paul Baltzersen

# Chain of Custody Record

**Upstate Laboratories, Inc.** 6034 Corporate Drive E. Syracuse New York 13057

Phone (315) 437 0255			Fax (315) 4	37 1209	·			T	r	i		<b>-</b>	·. ·				·1	
ROUX ASSOCIATES, INC	· ·	· ·•		ISE CHIN		רבוו ו	Numbe										.	n
Client Contact:	Phone #	<del>.</del>	Location (city/state				bero						·				•	Remarks <sup>+</sup>
MEREDITH HARRIS			SYRACU	ISE, NY	v		Cont.	·] ·'		$ \cdot $								•.
Sample ID		Date	Time	Matrix		ULI Internal Use Only	ainers							_				
	11.1	atri				(1040/1152			2 <sup>-</sup>		4	5	6	7	8	.9	10	
MW-1	1.0/2	9/04	11:00A	H20	GRÁB	<u> </u>		X	1						1			
MW-2		·	9:304	H2O	GRAB	602	17' W	X								<b>;</b>	<u> </u>	
MW-5			9:45A	H20	GRAB	003	LL X_	X	X									· · · · · · · · · · · · · · · · · · ·
MW-6	_ <u></u>		11:10A	H2O	GRAB	004		X	X									
MW-8			10:15A	H20	GRAB	00\$	<u>  (1)</u>	X	X									· · · · · · · · · · · · · · · · · · ·
MW-10		• •	10:00A	H2O	GRAB	00.6	$\left( \mathcal{P}\right)$	X	X									
SW-1			10:25A	H2O	GRAB	607	$\left[ \begin{array}{c} 0 \end{array} \right]$	X	X	·		•						· · · · ·
SW-2		V V	10.204	H2O	GRAB	008		X	X	1		1				<u> </u>		
}				 				1	1-	ţ		<u> </u>			ļ	[	ļ	
		_ <u> </u>	-				<u>† – – – – – – – – – – – – – – – – – – –</u>	+	╎─	1	<b> </b>	<u> </u>	<u> </u> -	[				<u>├</u> ─────────────────────────────
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•					<u> </u>		1		1			+						· · · · · ·
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					<u> `-</u> ···		-	+		1	1-	+	<u>∤</u>			<u> </u>		
Parameter and Method		San	nple bottle:	Туре	Size	Preservative	Sar	nple	d by	/ (Pr	int)	<u> </u>	<b>ــــ</b> ـــ	ـــــــــــــــــــــــــــــــــــــ	L	J	L	Name of Courier
1 FIELD PH,EH,SPEC. CON,TURB,TEM	ЛР			n/a	n/a	none	]_P.	AUL	/ 1	ΒA	$\mathcal{U}_{i}$	ZE	psé	5N	•			
2 Pb by low level				plastic	500ml	HNO3		npai inqu				Labo	prato	Dat		:.  Tin	00	Received by: (sign)
4		·	<u></u>	<u> </u>	<u> </u>			inqu	13110	-u D)	y.(31	917			10	1	110	i (sigii)
5							1									<u> </u>		·
6					ļ	ļ	Rel	inqu	lishe	ed by	∕:(si	gn)		Dal	te	Tin	ne	Received by: (sign)
7 8			····	· · · ·			-											
9		- <u> </u>	·		┼───	<u> </u>	Rel	ingu	lishe	ed by	1:(si	an)		Dat	te	Tir	ne	Rec'd for Dab by:
10								w l			P			6/24	<u>_</u> ]	11	39	
							۹ <u>(</u>		ř		<del></del>	2			<u>40</u>	<u>[]    </u>	A	I T LIVING
Syracuse	Roc	cheste	r	Buffalo		Albany		Bi	ingl	jan	htor	<u>n</u>		Fa	<u>ur L</u>	aw	<u>n (l</u>	ŊJ <u> </u>

#### Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. \* E. Syracuse, NY 13057-1017 \* (315) 437-0255 \* Fax (315) 437-1209 Mailing: Box 289 \* Syracuse, NY 13206 Albany (518) 459-3134 \* Binghamton (607) 724-0478 \* Buffalo (716) 649-2533 Rochester (585) 436-9070 \* New Jersey (201) 343-5353 \* South Carolina (864) 878-

Ms. Meredith Harris Roux Associates, Inc. 1222 Forest Parkway Suite 190 West Deptford, NJ 08066

Monday, October 04, 2004

RE: Syracuse China Landfill

Order No.: U0409370

Dear Ms. Meredith Harris:

Upstate Laboratories, Inc. received 8 sample(s) on 9/16/04 for the analyses presented in the following report.

All analytical data conforms with standard approved methodologies and quality control. Our quality control narrative will be included should any anomalies occur.

We have included the Chain of Custody Record as part of your report. You may need to reference this form for a more detailed explanation of your samples. Samples will be disposed of approximately one month from final report date.

Should you have any questions regarding these tests, please feel free to give us a call.

Thank you for your patronage.

Sincerely,

UPSTATE LABORATORIES, INC.

AMIK

Anthony J. Seala Director

CLIENT: Project:	Roux Associates, Inc. Syracuse China Landfil	1			Lab Orde	r: U0409370
Lab ID:	U0409370-001		<u> </u>	Collection 1	Date: 9/16/04	4 11:05:00 AM
<b>Client Sample ID</b>	: MW-1			Ma	atrix: WATE	R
Analyses		Result	Limit (	ual Units	DF	Date Analyzed
FIELD PARAMET	ERS		FLC	·····	_,	Analyst:
Conductivity		618	1.0	umhos/cm		9/16/04 11:05:00 AM
Eh	,	-65		ΜV		9/16/04 11:05:00 AM
pН		7.86	6.5-8.5	SU		9/16/04 11:05:00 AM
Temperature		18.2		degC 🔨		9/16/04 11:05:00 AM
Turbidity		1.83	5.0	NTU	•	9/16/04 11:05:00 AM
LEAD BY GFAA			E239	2 (SW3	020A)	Analyst: AB
Lead*		ND	0.001	mg/L	1	9/22/04 9:00:00 AM
Lab ID:	U0409370-002	-		Collection I	Date: 9/16/04	10:10:00 AM
Client Sample ID	: MW-2			· Ma	trix: WATE	R
Analyses		Result	- Limit Q	ual Units	DF	Date Analyzed
	ERS		FLD		•	Analyst:
Conductivity		1086	1.0	umhos/cm.		9/16/04 10:10:00 AM
Eh		-80		mV		9/16/04 10:10:00 AM
pН		<mark>, 8.11</mark>	6.5-8.5	SU		9/16/04 10:10:00 AM
Temperature		20.1		degC		9/16/04 10:10:00 AM
Turbidity		2.73	5.0	ŬТŊ		9/16/04 10:10:00 AM
LEAD BY GFAA			E239.	2 (SW3	020A)	Analyst: AB
Lead*		ND	· · 0.001 .	mg/L	1	9/22/04 9:00:00 AM
Lab ID:	U0409370-003			Collection D	Date: 9/16/04	10:20:00 AM
Client Sample ID:	MW-5			Ma	trix: WATE	ર
Analyses		Result	Limit Q	ual Units	DF	Date Analyzed
IELD PARAMETE	RS		FLD			Analyst:
Conductivity		1220	1.0	umhos/cm		9/16/04 10:20:00 AM
Eh		-80		· mV		9/16/04 10:20:00 AM
рH		. 8.12	6.5-8.5	SU		9/16/04 10:20:00 AM
Temperature		19.5		degC		9/16/04 10:20:00 AM
Turbidity		3.96	5.0	NTU		9/16/04 10:20:00 AM
EAD BY GFAA			E239.2	•	020A)	Analyst: AB
Lead*		ND .	0.001	mg/L	1	9/22/04 9:00:00 AM
۰ ۱		•				·
Approved By:			· ······	Date: / ()-/		Page 1 of

Holding times for preparation or analysis exceeded н

ND Not Detected at the Reporting Limit

J Analyte detected below quantitation limits

S Spike Recovery outside accepted recovery limits

#### Upstate Laboratories, Inc.

Date: 04-Oct-04

CLIENT: Project:	Roux Associates, Inc. Syracuse China Landfi	1 <b>1</b>			Lab Orde	r: U0409370
Lab ID:	U0409370-004			Collection D	ate: 9/16/0	4 9:50:00 AM
Client Sample ID	: MW-6			- Iviat	rix: WATE	ĸ
Analyses	· · · · · · · · · · · · · · · · · · ·	Result	Limit Qua	d Units	DF	Date Analyzed
FIELD PARAMET	ERS		FLD			Analyst:
Conductivity		1153	1.0	umhos/cm		9/16/04 9:50:00 AM
Eh		-85		mV ·		9/16/04 9:50:00 AM
рH		8.24	6.5-8.5	SU		9/16/04 9:50:00 AM
Temperature		20.9		degC		9/16/04 9:50:00 AM
Turbidity		8.82	5.0	NTU	•	9/16/04 9:50:00 AM
LEAD BY GFAA		· .	E239.2	(SW30	20A)	Analyst: AE
Lead*	·	ND	0.001	mg/L	1	9/22/04 9:00:00 AM
Lab ID:	U0409370-005			Collection Da	ate: 9/16/04	10:45:00 AM
Client Sample ID:	: MW-8			Mat	rix: WATE	R
Analyses		Result	Limit Qua	I Units	DF	Date Analyzed
FIELD PARAMETE	ERS		FLD			Analyst:
Conductivity		2810	1.0	umhos/cm		9/16/04 10:45:00 AM
Eh		-42		'mV -		9/16/04 10:45:00 AM
pH		7.39	6.5-8.5	SU		9/16/04 10:45:00 AM
Temperature		19.6		degC		9/16/04 10:45:00 AM
Turbidity		32.9	5.0	NTU		9/16/04 10:45:00 AM
LEAD BY GFAA			E239.2	(SW30	20A)	Analyst: AB
Lead*		ND	0.001	mg/L	1	9/22/04 9:00:00 AM
Lab ID:	U0409370-006			Collection Da	te: 9/16/04	10:35:00 AM
Client Sample ID:	MW-10			Matr	ix: WATE	<b>λ</b>
Analyses		Result	Limit Qual	Units	DF	Date Analyzed
FIELD PARAMETE	RS		FLD			Analyst:
Conductivity		2540	1.0	umhos/cm		9/16/04 10:35:00 AM
Eh		-70		m∨		9/16/04 10:35:00 AM
pH		7.88	. 6.5-8.5	SU		9/16/04 10:35:00 AM
Temperature		21.9		degC		9/16/04 10:35:00 AM
Turbidity		36.7	5.0	NTU		9/16/04 10:35:00 AM
EAD BY GFAA	~		E239.2	(SW302	20 <b>A</b> )	Analyst: AB
Lead*		ND _	0.001	mg/L	1	9/22/04 9:00:00 AM

Approved B	y:	TC	Date:	10-4-04	Page 2 of 3
Qualifiers:	•	Low Level	**	Value exceeds Maximum Contamina	int Value
	в	Analyte detected in the associated Method Blank	Е	Value above quantitation range	
	н	Holding times for preparation or analysis exceeded	, I	Analyte detected below quantitation	limits
	ND	Not Detected at the Reporting Limit	· S	Spike Recovery outside accepted rec	overy limits

Upstate Laboratories, I	Inc.	]	laboratories,	Lab	te	psta	U
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Date: 04-Oct-04

	Roux Associates, Inc. Syracuse China Landfill				Lab Order:	: U0409370		
 Lab ID:	U0409370-007			Collection Da	ate: 9/16/04	10:30:00 AM		
<b>Client Sample ID:</b>	SW-1	Matrix: WATER						
Analyses		Result	Limit Qual	Units	DF	Date Analyzed		
	RS		FLD			Analyst:		
Conductivity		1797	1.0	umhos/cm		9/16/04 10:30:00 AM		
Eh		-70		νm		9/16/04 10:30:00 AM		
pH .		7.94	6.5-8.5	SU		9/16/04 10:30:00 AM		
Temperature		22.1		degC		9/16/04 10:30:00 AM		
Turbidity		7.01	5.0	NTU		9/16/04 10:30:00 AM		
LEAD BY GFAA			E239.2	(SW30)	20A)	Analyst: AB		
Lead*		ND	0.001	mg/L	1 '	9/22/04 9:00:00 AM		
Lab ID:	U0409370-008			Collection Da	ite: 9/16/04 1	10:50:00 AM		
Client Sample ID:	SW-2			Matr	ix: WATER			
Analyses		Result	Limit Qual	Units	DF	Date Analyzed		
FIELD PARAMETE	:RS		FLD			Analyst:		
Conductivity		848	1.0	umhos/cm	•	9/16/04 10:50:00 AM		
Eh		-60		mV .		9/16/04 10:50:00 AM		
рН		7.78	6.5-8.5	SU		9/16/04 10:50:00 AM		
Temperature		22		degC		9/16/04 10:50:00 AM		
Turbidity		10.6	5.0	NTU		9/16/04 10:50:00 AM		
EAD BY GFAA			E239.2	(SW302	20A)	Analyst: AB		
Lead*		0.008	0.001	mg/L	1	9/22/04 9:00:00 AM		

Approved I	By:	TC-	Date:	10-4-04	Page 3 of 3
Qualifiers:	•	Low Level	**	Value exceeds Maximum Contam	inant Value
	₿	Analyte detected in the associated Method Blank	E.	Value above quantitation range	
	н	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation	on limits
	ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted i	recovery limits

Upstate Lab Client: Project: Well ID.:	Syracuse	sociates,	Inc.	Field Lo	g File: T:  ULI 1D No. 			d: 12/20(	01
Condition of Wel	ll:	GOOD		_	Locked: _	····	NO	· <u>·</u>	
Method of Evacu	uation:DED	ICATED BA	ILER	<u> </u>	Lock ID:		N/A		
Method of Samp	ling:DED	ICATED BA	ILER	<del>.</del> .					
<b>↑</b> ↑ ↑		Diamete	er of Well			2"	inc	hes	
	ТОР	В.	Well De	pth Measu	ured	•	24.5	fee	et
		C.	Depth to	Water			15.18	fee	et
		. D.	Length o	of Water C	Column (calculat	ed)	9.32	fee	et
	WATER		Convers	ion Facto	r		X.16	. <u></u> ,	
	LEVEL .		Well Vol	ume (calc	ulated)	<u>.</u>	1.4912	gal	lons .
			No. of Vo	olumes to	be Evacuated		X 3		
			Total Vol	lume to b	e Evacuated		4.4736	gal	lons
◆ ◆ ↓			Actual Vo	olume Ev	acuated	<u>.</u>	7	gal	lons
	SILT	ͺ <b>Ε</b> .	Installed	Well Dep	th (if known)		<u>· Ň/A</u>	fee	t
		F.	Depth of	Silt (calcu	ulated		N/a	fee	t
Field	Initial	E	inal		% Pc	echarge:			
	Evacuation		ampling				- \#/=+	45 40	f1
Date	9/15/2004		. 9/16/20	004	. initial	Depth t	o vvater	15.18	_feet
Time -	1:15 PM		11:05 /	ÁM	Recha	rge Depth	to Water	15.32	feet
EH -	-60	- · -	-65	<u> </u>					
Temperature	21.5 c		18.2	c	2nd v	vater col	umn height	98.497	<u>79 %</u>
рН _	7.75		7.86	;	1st w	ater colu	ımn height		
Specific Cond.	822		618						
Turbidity _	7.03		1.83			ion(Top of			feet
Dissolved Oxygen	<u>N/A</u>		<u>N/A</u>		1 333383	Elevatio			feet
Appearance _	<u>clear</u>		ciea				Fop of Case El	ev-Total De	epth
Weather: Observations:	75 f sunny	· · · · · · · · · · · · · · · ·	75 f sur	ากy	Samp Paul I Signa	Baltzerse	Tod NA	~	
				•		- Yar	W gale		

Client:		ssociates, Inc.				
Project:	Syracus	e China Landfill	ULI	ID No. (ent	er by lab)	
Vell ID.:						
Condition of W	ell:	GOOD	Locked	:	NO	
Method of Evac	cuation:DE		Lock ID	:	N/A	
Method of Sam	pling: DE	DICATED BAILER				
		A. Diam	eter of Well		2"	inche:
	TOP	B. Weit	Depth Measured		13.1	feet
		C. Deptr	h to Water		5.97	feet
		D. Lengt	th of Water Column (c	alculated)	7.13	feet
В́ ▲	WATER	Conv	ersion Factor		<u>X.1</u> 6	
		Well	Volume (calculated)		1.1408	gallon
		No. of	f Volumes to be Evac	uated	X 3	
$\downarrow$ $\downarrow$		·	Volume to be Evacua	ted .	3.4224	gallon:
			t Volume Evacuated		5	gallon:
	SILT		led Well Depth (if know	wn) .	<u>N/A</u>	feet
▼.▼⊑		F. Depth	of Silt (calculated	•	N/a	_ feet
ield easurements	Initial Evacuation	Final Sampling		% Rechar	-	
ate	9/15/2004		5/2004		th to Water	<u>5.97</u> fe
me H	10:45 AM -85		<u>10 AM</u> -80	Recharge De	epin to vvater	5.03 fe
emperature	20.8 c		- <u></u> D.1 c	2nd water	column height	113.184
,	8.27		1.11 -	8	column height	
pecific Cond	1082		086			
urbidity	3.69		2.73	Elevation(To	p of Casing)	fe
ssolved Oxygen opearance	N/A clear		V/A · · · · · · · · · · · · · · · · · · ·	G.W. Elevatio	ation= n =Top of Case Eig	fe
eather:	Clear 75 f sunny		sunny	Sampler:	a - Top of Case Ele	-v-rotar Depth
oservations:				Paul Baltze	ersen	

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Upstate Lat Client: Project: Well ID.:	Syracuse	C. Groun sociates, China Lai MW-5	Inc	ield Log		: TS-30- No. (ent	01 Revise er by lab)	d: 12/200	)1
Condition of We	ell:	GOOD			Locked:		NO	<u>.                                 </u>	
Method of Evac	uation: DEI			. 1	Lock ID:	·	N/A		
. Method of Sam	pling: DEI	DICATED BA							
<b>↑</b> ↑ ↑		Α.	Diameter				2"	inc	hes
		<b>B</b> . <sup>•</sup>	Well Dep	th Measur	ed .		13.4	fee	et
		C.	Depth to	Water			3.01	fee	et
		D.	Length of	f Water Co	lumn (calc	ulated)	10.39	fee	et
B ▲	WATER		Conversio	- on Factor			X.16		
	LEVEL		Well Volu	ime (calcui	lated)		1.6624	 gal	lons
			No. of Vo	lumes to b	e Evacuat	ed	X 3		
				ume to be I			4.9872	— 	lone
↓ ↓									lons
T				lume Evac			8		lons
F	SILT	E.	Installed \	Nell Depth	i (if known)		N/A	fee	t
↓ ↓		F.	Depth of \$	Silt (calcula	ated	-	N/a	feet	t
Field Measurements	Initial Evacuation		inal ampling			Rechar	-		
Date	9/15/2004		9/16/20	04	lr	itial Dep	th to Water	3.01	feet
Time	11:20 AM		10:20 A		R	echarge De	epth to Water	3.04	feet
EH	-75		-80				_		
Temperature	21.7 c		19.5 c	;	21	nd water	column height	99.711	3 %
рН	8.03		8.12		1:	st water o	column height		
Specific Cond.	1163		1220						
Turbidity	4.15		3.96		ĘI	evation(To	p of Casing)		feet
Dissolved Oxygen	N/A		N/A	<u></u>	3333333	W. Elev			feet
Appearance	clear		clear				n =Top of Case El	ev-Total De	epth
Weather: Observations:	75 f sunny	·	75 f sun	ny	P	ampler: aul Baltze			
			<u> </u>		S	gnature:	Farl Batt	>	

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Upstate La Client: Project: Well ID.:	······································	IC. Groun Associates, Se China Lar MW-6	Inc.		File: TS-30- JLI ID No. (en		d: 12/20(	01
Condition of W	ell:	GOOD		Loci	ked:	NO		
Method of Eva	cuation:D	EDICATED BA	ILER	Loci	k ID:	N/A		
Method of Sarr	Method of Sampling: DEDICATED B							
<b>↑</b> ↑ ↑		A.	Diameter	of Well		2"	inc	ches
		В.	Well Dep	th Measured		15.36	fee	et
		C.	Depth to	Water		4.84	fee	ət
		, D.	Length of	Water Colum	n (calculated)	10.52	fee	et
В <b>♦</b>	WATER		Conversio	on Factor		X.16		
	LEVEL		Well Volu	me (calculated	<b>1</b> )	1.6832	ga	llons
			No. of Vo	lumes to be E	vacuated	X 3		
			Total Volu	Total Volume to be Evacuated			gal	lons
◆			Actual Vo	lume Evacuat	ed	10	gal	lons
 F	SILT	E	Installed V	Nell Depth (if i	(nown)	N/A	fee	t
$\downarrow$ $\downarrow$		<b>F</b> . <sup>1</sup>	Depth of §	Silt (calculated		N/a	fee	t
Field Measurements	Initial Evacuation		inai ampling		% Rechar	ge: th to Water	4.84	feet
Date	9/15/2004	<u> </u>	9/16/20					
Time EH	<u> </u>	<u> </u>	9:50 Al -85	M	Recharge D	epth to Water	4.98	feet
Temperature	19.2 c		20.9 c	<u></u> :	2nd water	column height	98.669	92 %
pН	8.57		8.24			column height		
Specific Cond.	901		1153					
Turbidity	17.7		8.82	·	Elevation(To	· · · ·		feet
Dissolved Oxygen Appearance	N/A slightly cloudy		N/A clear		G.W. Elev G.W. Elevatio	ation= on =Top of Case Ele	ev-Total D	feet
Weather:	75 f sunny		75 f sun		Sampler:			
Observations:		· · · · · · · · · · · · · · · · · · ·	101301		 Paul Baltz	ersen		
					Signature:	Farl Balt		-
	•					+		

Clent:       Roux Associates, Inc.       Util DNo. (enter by tab);         Project:       Syracuse China Landfill       Util DNo. (enter by tab);         Well D:       MW-8         Condition of Well:       GOOD       Locked:       NO         Method of Evacuation:       DEDICATED BAILER       Locked:       NO         Method of Sampling:       DEDICATED BAILER       Locked:       N/A         Method of Sampling:       DEDICATED BAILER       Locked:       20.73       feet         D       Well Depth Measured       20.73       feet       Gonversion Factor       X.16          Well Volume Color       X.16        Y.16           SILT       E       Installed Well Depth filt Nown)       N/A       feet       12       galons         No, of Volume to be Evacuated       12       galons       Actual Volume Evacuated       Na       feet         SILT       E       Installed Well Depth of Sit (calculated)       Na		aboratories, Inc.			id Log F	ile: TS-30-	01 Revise	d: 12/200	D1
Well ID:       MW-8         Condition of Well;       GOOD       Locked:       NO         Method of Evacuation:       DEDICATED BAILER       Lock ID:       N/A         Method of Sampling:       DEDICATED BAILER       Lock ID:       N/A         Method of Sampling:       DEDICATED BAILER       2°       inches         Method of Sampling:       DEDICATED BAILER       2°       inches         Method of Sampling:       DEDICATED BAILER       2°       inches         Method of Sampling:       DEDICATED BAILER       20.73       feet         C.       Depth to Water       4.47       feet         D.       Length of Water Column (calculated)       15.26       feet         D.       Length of Water Column (calculated)       2.6015       galions         No. of Volumes to be Evacuated       7.8048       galions         Actual Volume to be Evacuated       7.8048       galions         Actual Volume to be Evacuated       12       galions         Kethod of 12:30 PM       10:45 AM       feet         Date       9/15/2004       9/16/2004       N/a         PH       7.25       7.39       Stampling         Date       9/15/2004       9/16/2004       fee	Client:								
Condition of Welt:       GOOD       Locked:       NO         Method of Evacuation:       DEDICATED BAILER       Lock ID:       N/A         Method of Sampling:       DEDICATED BAILER       Lock ID:       N/A         Method of Sampling:       DEDICATED BAILER       Lock ID:       N/A         Method of Sampling:       DEDICATED BAILER       2" inches         Method of Sampling:       DEDICATED BAILER       20.73 feet         C. Depth Io Water       4.47 feet         D. Length of Water Column (calculated)       16.25 feet         Conversion Factor       X.16         Velt Volume to be Evacuated       7.8048 gallons         No. of Volumes to be Evacuated       12 gallons         No. of Volume to be Evacuated       12 gallons         Actual Volume Evacuated       12 gallons         Actual Volume Evacuated       12 gallons         Evacuation       Sampling         Date       9/15/2004       9/16/2004         PH       7.25       7.39         Specific Cond.       2920       2810         PH       7.25       7.39         Specific Cond.       2920       2810         Turbidity       13.7       32.9         Dissolved Oxygen	·····			ndfill	ULI	ID No. (ent	er by lab)		
Method of Evacuation:       DEDICATED BAILER       Lock ID:       N/A         Method of Sampling:       DEDICATED BAILER       A       Diameter of Well       2" inches         Image: Complexity of Sampling:       Image: Complexity of Compl	Well ID.:	<u>MN</u>	<u>v-8</u>						
Method of Sampling:       DEDICATED BAILER         Image: Constraint of the system of the	Condition of V	Vell:	GOOD	· · · ·	Locked		NO		
A       Diameter of Well       2*       inches         B       Well Depth Measured       20.73       feet         C       Depth to Water       4.47       feet         D       Length of Water Column (calculated)       16.26       feet         D       Length of Water Column (calculated)       16.26       feet         D       Length of Water Column (calculated)       2.6016       gallons         No. of Volumes to be Evacuated       X.3          Total Volume to be Evacuated       12       gallons         Actual Volume Evacuated       12       gallons         Actual Volume Evacuated       N/a       feet         Field       Inflial       Final       % Recharge:         Measurements       Inflial       Final       % Recharge:         Date       9/15/2004       9/15/2004       % Recharge:         PH       7.25       7.39       Ist water column height       10.245 %         PH       7.25       7.39       Ist water column height       10.246 %         Specific Cond.       29220       2810       Ist water column height       10.246 %         Dissolved Oxygen       N/A       N/A       Samplier;       Paul Baltersen	Method of Ev	acuation: DEDIC	ATED BAI		Lock ID	: <u> </u>	N/A		
A.       Diameter of Well       2"       inches.         Image: Conversion Factor       20.73       feet         C.       Depth to Water       4.47       feet         D.       Length of Water Column (calculated)       16.26       feet         D.       Length of Water Column (calculated)       16.26       feet         D.       Length of Water Column (calculated)       16.26       feet         D.       Length of Water Column (calculated)       2.6016       gallons         No. of Volumes to be Evacuated       X.16          Total Volume to be Evacuated       12       gallons         Actual Volume to be Evacuated       12       gallons         Actual Volume to Silt (calculated)       N/A       feet         Field       Initial       Firal       Sampling         Date       9/15/2004       9/16/2004       % Recharge:         Time       12.30 PM       10.45 AM       feet         EH       -35       -42       20         PH       7.25       7.39       1st water column height       100.246 %         Specific Cond.       29200       2810       2800       Ewation, Top of Case Elee-Total Depth         Dissolved Oxygen	Method of Sa	mpling: DEDIC	ATED BAI						
B       Well Depth Measured       20.73       feet         C       Depth to Water       4.47       feet         D       Length of Water Column (calculated)       16.28       feet         D       Length of Water Column (calculated)       16.28       feet         D       Length of Water Column (calculated)       2.6016       gallons         No. of Volumes to be Evacuated       7.8048       gallons         Actual Volume to be Evacuated       12       gallons         Actual Volume to be Evacuated       12       gallons         Field       Initial       Final       sampling         Date       9/15/2004       \$/16/2004       N/a       feet         Temperature       18.1 c       19.6 c       Initial Depth to Water       4.43       feet         EH       .35       .42       Initial Depth to Water       4.43       feet         PH       7.25       7.39       Ist water column height       100.246 %       Ist water column height       100.246 %         Start column height       13.7       32.9       Case Elev-Total Depth       G.W. Elevation==       feet         Dissolved Oxygen       N/A       N/A       N/A       Sampler:       G.W. Elevation== <td< td=""><td>Ì↑ ↑↑</td><td></td><td>A.</td><td>Diameter o</td><td>fWell</td><td></td><td>2"</td><td> inc</td><td>ches</td></td<>	Ì↑ ↑↑		A.	Diameter o	fWell		2"	inc	ches
B       WATER       D.       Length of Water Column (calculated)       16.26       feet         B       E       WATER       Conversion Factor       X.16          Well Volume (calculated)       2.6016       gallons         No. of Volumes to be Evacuated       X.3          Total Volume to be Evacuated       7.8048       gallons         Actual Volume Evacuated       12       gallons         SILT       E.       Installed Well Depth (if known)       N/A         Field       Initial       Final       % Recharge:         Measurements       Prize       9/15/2004       % 16/2004         Date       9/15/2004       S/16/2004       % Recharge:         Time       12.30 PM       10.45 AM       Recharge Depth to Water       4.43         EH       -35       -42       2nd water column height       100.246 %         Turbidity       13.7       32.9       Ist water column height       Elevation(Top of Casing)       feet         Dissolved Oxygen       N/A       N/A       N/A       G.W. Elevation = Top of Case Elev-Total Depth         Weather:       75 f sunny       75 f sunny       Sampler:       Paul Batzersen			В.	Well Depth	Measured		20.73	fee	et
B       WATER       Conversion Factor       X.16          Well Volume (calculated)       2.6016       gallons         No. of Volumes to be Evacuated       X.3          Total Volume to be Evacuated       7.8048       gallons         Actual Volume to be Evacuated       12       gallons         Actual Volume Evacuated       12       gallons         Actual Volume For Silt (calculated)       N/A       feet         Field       Initial       Final       N/A         Measurements       9/15/2004       9/16/2004       N/a         Date       9/15/2004       9/16/2004       N/a         Time       12:30 PM       10:45 AM       Recharge:         Date       9/15/2004       9/16/2004       Recharge Depth to Water       4.43         Feet       -35       -42       2nd water column height       100:245 %         Temperature       18.1 c       19.6 c       2nd water column height       100:246 %         Specific Cond.       2920       2810       1st water column height       Elevation(Top of Casing)       feet         Dissolved Oxygen       N/A       N/A       Sampler:       0 W Elevation=       0 W Elevation=       detet			С.	Depth to W	ater		4.47	fee	et
Field       Initial       Final       Sampling         Field       9/15/2004       9/16/2004       No. 6 Color         Time       12:30 PM       10:45 AM       Recharge Depth to Water       4.47 feet         EH       -35       -42       2.60 Getter       100.246 %         FH       7.25       7.39       10:45 AM       Recharge Depth to Water       4.43 feet         EH       -35       -42       2.60 Mater       2.60 Mater       100.246 %         Specific Cond.       2920       2810       2810       100.246 %       15t water column height       100.246 %         Dissolved Oxygen       N/A       N/A       Slightly cloudy       Slightly cloudy       Sightly cloudy       5t out       5t out <td< td=""><td></td><td></td><td>D.</td><td>Length of V</td><td>Vater Column (c</td><td>alculated)</td><td>16.26</td><td> fee</td><td>et</td></td<>			D.	Length of V	Vater Column (c	alculated)	16.26	fee	et
Well Volume (calculated)       2.6016       gallons         No. of Volumes to be Evacuated       X.3          Total Volume to be Evacuated       7.8048       gallons         Actual Volume to be Evacuated       12       gallons         SILT       E.       Installed Well Depth (if known)       N/A       feet         Field       Initial       Final       Sampling       % Recharge:         Date       9/15/2004       9/16/2004       N/a       feet         Time       12:30 PM       10:45 AM       Recharge:       Initial Depth to Water       4.47       feet         EH       -35       -42       2nd water column height       100.246 %       1st water column height       100.246 %         PH       7.25       7.39       1st water column height       100.246 %       1st water column height       100.246 %         Dissolved Oxygen       N/A       Slightly cloudy       Slightly cloudy       G.W. Elevation = Top of Case Elev-Total Depth         Weather:       75 f sunny       75 f sunny       Sampler:       Paul Baltzersen	в́ <b>А</b>      Е			Conversion	Factor		X.16		
F       SILT       SILT       E.       Installed Well Depth (if known)       N/A       feet         F.       Depth of Silt (calculated       N/a       feet         Field       Initial       Final       % Recharge:         Measurements       Evacuation       Sampling       Initial Depth to Water       4.47         Date       9/15/2004       9/16/2004       Recharge:       Initial Depth to Water       4.43         EH       -35       -42       Initial Depth to Water       4.43       feet         PH       7.25       7.39       Ist water column height       100.246 %         Specific Cond.       2920       2810       Ist water column height       100.246 %         Disolved Oxygen       N/A       N/A       G.W. Elevation==       feet         Weather:       75 f sunny       75 f sunny       Sampler:       Paul Baltzersen				Well Volum	e (calculated)		2.6016	gal	llons
F       SILT       Actual Volume Evacuated       12       gallons         F       SILT       E.       Installed Well Depth (if known)       N/A       feet         Field       Initial       Final       % Recharge:       Initial Depth to Water       4.47       feet         Date       9/15/2004       9/16/2004       Initial Depth to Water       4.43       feet         EH       -35       -42       Initial Depth to Water       4.43       feet         PH       7.25       7.39       Ist water column height       100.246 %         Specific Cond.       2920       2810       Elevation(Top of Casing)       feet         Dissolved Oxygen       N/A       N/A       G.W. Elevation=       feet         Appearance       slightly cloudy       slightly cloudy       Sightly cloudy       Sampler:         Observations:       75 f sunny       75 f sunny       Sampler:       Paul Baltzersen				No. of Volu	mes to be Evaci	lated	X 3		
F       SILT       E.       Installed Well Depth (if known)       N/A       feet         Field       Initial       Final       Sampling       N/a       feet         Date       9/15/2004       9/16/2004       N/a       feet         Date       9/15/2004       9/16/2004       Initial Depth to Water       4.47       feet         EH       .35       .42       Recharge Depth to Water       4.43       feet         FH       .35       .42       2nd water column height       100.246 %         pH       7.25       7.39       1st water column height       100.246 %         pH       7.25       7.39       1st water column height       6.42         Dissolved Oxygen       N/A       N/A       Slightly cloudy       feet         Observations:       75 f sunny       75 f sunny       75 f sunny       Sampler:         Observations:       .75 f sunny       75 f sunny       75 f sunny       Sampler:				Total Volum	ne to be Evacua	led	7.8048	gal	llons
F.       Depth of Silt (calculated       N/a       feet         Field       Initial       Final       % Recharge:         Measurements       Evacuation       Sampling       Initial Depth to Water       4.47       feet         Date       9/15/2004       9/16/2004       Recharge:       Initial Depth to Water       4.43       feet         Date       9/15/2004       9/16/2004       Recharge Depth to Water       4.43       feet         EH       -35       -42       Initial Depth to Water       4.43       feet         Fernperature       18.1 c       19.6 c       2nd water column height       100.246 %         pH       7.25       7.39       1st water column height       100.246 %         Specific Cond.       2920       2810       Elevation(Top of Casing)       feet         Dissolved Oxygen       N/A       N/A       G.W. Elevation=       feet         Appearance       slightly cloudy       slightly cloudy       G.W. Elevation=       feet         Observations:       75 f sunny       75 f sunny       Sampler:       Paul Baltzersen				Actual Volu	me Evacuated		12	gal	lons
Field MeasurementsInitial EvacuationFinal Sampling% Recharge: 	F					vn)	<u>N/A</u>	fee	ł
MeasurementsEvacuationSamplingDate9/15/20049/16/2004Time12:30 PM10:45 AMEH-35-42Temperature18.1 c19.6 cpH7.257.39Specific Cond.2920Zurd water column height100.246 %Specific Cond.2920Dissolved OxygenN/AAppearanceslightly cloudySightly cloudy75 f sunnyVeather:75 f sunnyObservations:75 f sunny	★ + L		F.	Depth of Sil	t (calculated		N/a	fee	t
MeasurementsEvacuationSamplingDate9/15/20049/16/2004Time12:30 PM10:45 AMEH-35-42Temperature18.1 c19.6 cpH7.257.39Specific Cond.2920Zurd water column height100.246 %Specific Cond.2920Dissolved OxygenN/AAppearanceslightly cloudySightly cloudy75 f sunnyVeather:75 f sunnyObservations:75 f sunny	Field	Initial	Fi	inal		% Rechar	ae:		
Time12:30 PM10:45 AMRecharge Depth to Water4.43feetEH-35-42-42-42-42-42-42-42Temperature18.1 c19.6 c2nd water column height100.246 %90.246 %pH7.257.391st water column height100.246 %Specific Cond.29202810-42-42Turbidity13.732.9Elevation(Top of Casing)feetDissolved OxygenN/AN/AG.W. Elevation=feetAppearanceslightly cloudySlightly cloudySampler:-42Weather:75 f sunny75 f sunnySampler:Observations:Paul Baltzersen-42-42							-	4.47	feet
EH-35-42Temperature18.1 c19.6 c2nd water column height100.246 %pH7.257.391st water column height100.246 %Specific Cond.292028101st water column height100.246 %Turbidity13.732.9Elevation(Top of Casing)feetDissolved OxygenN/AN/AG.W. Elevation=feetAppearanceslightly cloudyslightly cloudyG.W. Elevation = Top of Case Elev-Total DepthWeather:75 f sunny75 f sunnySampler: Paul Baltzersen					i de la companya de la				f
Temperature18.1 c19.6 c2nd water column height100.246 %pH7.257.391st water column height100.246 %Specific Cond.29202810Turbidity13.732.9Elevation(Top of Casing)feetDissolved OxygenN/AN/AG.W. Elevation=feetAppearanceslightly cloudyslightly cloudySampler:G.W. Elevation = Top of Case Elev-Total DepthWeather:75 f sunny75 f sunnySampler:Paul Baltzersen	** **	······································			· ·	kecharge De	epth to Water	4.43	eet
pH7.257.391st water column heightSpecific Cond.29202810Turbidity13.732.9Elevation(Top of Casing)feetDissolved OxygenN/AN/AG.W. Elevation=feetAppearanceslightly cloudyslightly cloudyG.W. Elevation = Top of Case Elev-Total DepthWeather:75 f sunny75 f sunnySampler:Observations:Paul BaltzersenPaul Baltzersen		<u></u>			<del></del>	and water	column holeht	100.0	46 0/
Specific Cond.       2920       2810         Turbidity       13.7       32.9       Elevation(Top of Casing)       feet         Dissolved Oxygen       N/A       N/A       G.W. Elevation = feet         Appearance       slightly cloudy       slightly cloudy       G.W. Elevation = Top of Case Elev-Total Depth         Weather:       75 f sunny       75 f sunny       Sampler:         Observations:       Paul Baltzersen       Paul Baltzersen	×					8		_100.24	+0 70
Turbidity       13.7       32.9       Elevation(Top of Casing)       feet         Dissolved Oxygen       N/A       N/A       G.W. Elevation=       feet         Appearance       slightly cloudy       slightly cloudy       G.W. Elevation=       feet         Weather:       75 f sunny       75 f sunny       Sampler:         Observations:       Paul Baltzersen	8				——	I I WOLCH	solumni neigilt		
Appearance       slightly cloudy       slightly cloudy       G.W.Elevation =Top of Case Elev-Total Depth         Weather:       75 f sunny       75 f sunny       Sampler:         Observations:       Paul Baltzersen	Turbidity	13.7		32.9		Š.	· · · · ·		feet
Weather:     75 f sunny     75 f sunny       Observations:	×					8			
Observations: Paul Baltzersen				in die Antonionalise			ni - rop of Case El	ev-iotal De	epin
	× —	75 f sunny		75 t sunny	<u> </u>	÷	ersen	. •	· · .
fait fall									
							Jank Fall		

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Client: Project:		Associa se Chin	ates, l a Lar	Inc.	ld Log	File: TS-30-		d: 12/200	)1
Well ID.:		MW-10	J 						
Condition of W	/ell:	GC		<u> </u>	Lo	cked:	NO		
Method of Eva	cuation:	EDICATE	ED BAI	LER	Lo	ck ID:	N/A		
Method of San	npling: <u> </u>	EDICATE	ED BAI	LER					
			Α.	Diameter o	f Well		2"	inc	ches
			В.	Well Depth	Measured		13	fee	et
			C.	Depth to W	ater		. 2.52	fee	et -
			D.	Length of V	/ater Colur	nn (calculated)	10.48	fee	et
₿ <b>★</b>	WATER			Conversion	Factor		X.16		
E   · ·   E	LEVEL			-Well Volum	e (calculate	ed)	<u>1.67</u> 68	gal	llons
				No. of Volu	mes to be E	Evacuated	<u>X 3</u>		<del></del>
				Total Volum	e to be Ev	acuated	5.0304	gal	lons
▲ ▲				Actual Volu	ne Evacua	ted	10	gal	lons
F	SILT		<b>E.</b> ,	Installed We	ell Depth (if	known)	N/A	fee	t
↓ ↓			F.	Depth of Sil	(calculate	d .	N/a	fee	t,
Field	Initial		Fi	nal		% Rechar	œ:		()),(20))(0)
Measurements	Evacuation			ampling			th to Water	2.52	feet
Date	9/15/2004			9/16/2004					
Time EH	12:00 PM			10:35 AM		Recharge De	epth to Water	2.52	feet
n Temperature	<u>-65</u> 20.8 c	<u> </u>		<u>-70</u> 21.9 c		2nd water	column height	- 100	%
pH	7.79		. —	7.88			column height		
Specific Cond.	2500			2540	 -				
Turbidity	6.28	·		36.7	<u> </u>	Elevation(To	p of Casing)		feet
Dissolved Oxygen	Ń/A			N/A		G.W. Elev	ation=		feet
Appearance	ciear			slightly cloud	<u>1y</u>	G.W.Elevatio	on =Top of Case El	ev-Total De	pth
Weather: Observations:	75 f sunny			75 <u>f su</u> nny		Sampler: Paul Baltz Signature;	the second s	4	
							Jane Del	<u> </u>	

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Upstate Laborate	ories, Inc.		
	ater / Wastewater Field Log	Samplas (	Devil Poltacroop
Client: Roux Assoc	ciates, Inc.	Sampler (print):	Paul Baltzersen
Project: Syracuse C	hina Landfill	Signature:	Jane fort
Date: 9/16/2004			
Location	Surface Water 1		M ULI ID NO
EH	-70 MV	WEATHER CONDITION:	75 f sunny
TEMPERATURE	<u>22.1</u> c		
PH	7.94 STD.UNITS		
SPEC. CON.	1797 имноз/см		MG/L
TURB	7.01 NTU	STAFF GUAGE <u>N/a</u>	
Location	Surface Water 2	TIME SAMPLED 10:50 A	M ULI ID. NO.
EH .	-60 MV	WEATHER CONDITION:	75 f sunny
TEMPERATURE	<u>22</u> c		· · · · · · · · · · · · · · · · · · ·
PH	7.78 STD.UNITS	APPEARANCE / OBSERVATIO	
SPEC. CON.	848_имноз/см	DO <u>n/a</u>	MG/L
TURB	10.6 NTU	STAFF GUAGE n/a	and the second
Location		TIME SAMPLED	ULHD. NO.
EH	MV	WEATHER CONDITION:	
TEMPERATURE	c		
PH	STD.UNITS	APPEARANCE / OBSERVATIO	NS <sup>.</sup>
SPEC. CON.		DO	_MG/L
TURB		STAFF GUAGE	
Location		TIME SAMPLED	ULIID NO.
EH	MV	WEATHER CONDITION:	
TEMPERATURE	c		
PH	STD.UNITS	APPEARANCE / OBSERVATIO	
SPEC. CON	UMHOS/CM		MG/L
TURB		STAFF GUAGE	
Location			ULI ID NO
EH	MV	WEATHER CONDITION:	
TEMPERATURE	c		
PH	STD.UNITS	APPEARANCE / OBSERVATIO	
SPEC. CON.	UMHOS/CM		MG/L
TURB	NTU	STAFF GUAGE	and a second and a s The second and a second
Location		TIME SAMPLED	ULI ID. NO.
EH	MV	WEATHER CONDITION:	
TEMPERATURE	C		
РН		APPEARANCE / OBSERVATION	NS
SPEC. CON.	UMHOS/CM	DO	_МGЛ
TURB	NTU .	STAFF GUAGE	

### Syracuse China Landfill

#### Gas Monitoring

9/16/2004

LOCATION	H2S (ppm)	LEL (%)	TIME	
GV - 1	0	· 0	11:40 AM	
GV - 2	0	0	11:53 AM	
GV - 3	ο	0	12.05 PM	
GV -4	0	0	11:57 AM	
GV-5	0	0	11:34 AM	
GV - 6	0	0	11:23 AM	
GV - 7	0	0	11:18 AM	
TG - 1	0	. 0	11:48 AM	
TG - 2	· O	0	12:10 PM	
TG - 3	0	0	11:15 AM	
TG - 4	0	0	11:25 AM	
TG - 5	0	0	11:30 AM	
TG - 6	0	0	11.44 AM	

#### METER: BW Technologies Gas Alert Max / Model: GAMAX 3-4

Sampled By: Paul Baltzersen

# Upstate Laboratories, Inc. 6034 Corporate Drive E. Syracuse New York 13057

# Chain of Custody Record

Phone (315) 437 0255	·····	Fax (315) 4	37 1209			Number		[ <b></b> ]		T	—r	<u> </u>				r—-	I————
ROUX ASSOCIATES, INC	SYRACU	VRACUSE CHINA LANDFILL														Remarks	
MEREDITH HARRIS		SYRACU	of Cont				[										
Sample ID	Date	Time	Matrix		ULI Internal Use Only	ainers	1	2	3	4	5	6	7	8	9	10	
 MW-1	9-16-04	11:05A	H2O	GRAB	001		X	X									
MW-2	9-16-04	10-10 A	H2O	GRAB	602	Ø	X	X									
MW-5	9-16-04	10-20A	H2O	GRAB	COB	1	X	X									
MW-6	9-16-04	9:50A	H2O	GRAB	607	()		X					-				
MW-8	9-16-04	10:45A	H2O	GRAB	Cas	$\bigcirc$	X	X								[	
MW-10	9-16-04	10:35A	H2O	GRAB	Ode	1	X	X									
SW-1	9-16-04	10:30A	H2O	GRAB	007	(1)	X	X									· · · · · · · · · · · · · · · · · · ·
SW-2	9-16-04	10.50A	H2O	GRAB	628	$\bigcirc$	X	X									
								Γ									
	·																
		<u> </u>		}													
		· · · · · ·	`														
								]									
							<u> </u>									1	
Parameter and Method Sample bottle:				Size	Preservative	Sampled by (Print) PAUL BALTZERSEN										Name of Courier	
1 FIELD PH,EH,SPEC. CON,TURB,TEMP 2 Pb by low level				<u>n/a</u> 500ml	HNO3	Company:Upstate Laboratories, Inc.											
3						Relinquished by:(sign)								Date Time		ne	Received by: (sign)
4						4		-									
6				Relinquished by:(sign)							Da	te	Time		Received by: (sign)		
7 8			<u> </u>	+		4											
9	<u> </u>	┼───		Relinquished by (sign)							Da	te	Tir	ne	Rec'd for Lab by:		
10	1				Van Pall							a/12/04/12		20 Af	Holeser		
Syracuse	Rocheste		Buffalo		Albany	<u>4 {i</u>		<u>~ /</u>					<u> </u>	<u>''</u>	Ľ	<u>/N</u>	NJ)
<u> </u>		·····						nıgr	nam	yioi	<u>!</u>		1.0				

