report, 2007-08-23, semi-annual

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August 23, 2007

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SEP 07 2007
Bureau of Hazardous Waste & Radiation Management
Division of Solid & Hazardous Materials

Stephen C. Condon, Senior Engineering Geologist
New York State Department of Environmental Conservation
Bureau of Hazardous Waste & Radiation Management, 9th Floor
Division of Solid & Hazardous Materials
625 Broadway
Albany, New York 12233-7258

Re: **CAMU Groundwater Performance Monitoring Report (June 2007)**
Metalico Aluminum Recovery, Inc., 6223 Thompson Road, Dewitt, NY

Dear Mr. Condon:

Please find attached a copy of the CAMU Groundwater Performance Monitoring Report for the June 2007 monitoring event. If you have any questions or require any additional information concerning this report, please contact me directly.

Very truly yours,
HAZARD EVALUATIONS, INC.

C. Mark Hanna, CHMM
President

Attachment

cc: Jon Marantz, MARI
Burt Coleman, MARI
Jim Reidy, USEPA Region 2
Denise Radtke, NYSDEC Albany
Tim Digiulio, NYSDEC Region 7
Mary Jane Peachey, NYSDEC Region 7

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CORRECTIVE ACTION MANAGEMENT UNIT (CAMU) GROUNDWATER PERFORMANCE MONITORING REPORT

June 2007

Metalico Aluminum Recovery, Inc.
(Former Wabash Aluminum Alloys, LLC.)
6223 Thompson Road,
East Syracuse, New York

Prepared By:
Hazard Evaluations, Inc.
3836 North Buffalo Road
Orchard Park, New York 14127

August 2007

1.0 INTRODUCTION

1.1 General

This document provides a summary of the groundwater conditions associated with Corrective Action Management Unit (CAMU) at the Metalico Aluminum Recovery, Inc. (MARI) facility (formerly Wabash Aluminum Alloys, LLC) at 6223 Thompson Road, East Syracuse, Onondaga County, New York for the June 2007 semi-annual groundwater sampling event. The Plant #2 portion of the facility is now owned and operated by MARI, which has taken responsibility for the groundwater monitoring activities associated with the CAMU, including (at least temporarily) the annual monitoring requirements on the Plant #1 property. Future separation of the Plant #1 and Plant #2 environmental compliance requirements is being considered. This report is submitted consistent with the Operations and Maintenance Plan for the CAMU, which was submitted by Roth Brothers Smelting, Inc. and approved by the New York State Department of Environmental Conservation (NYSDEC) in June 1997. Several revisions to the Sampling and Analysis Plan (SAP) [Appendix D to the Operations and Maintenance Plan] were incorporated in 2002, at the request of the NYSDEC. The CAMU groundwater performance monitoring consists of activities designed to:

- Determine the presence and extent of chemical constituents associated with the CAMU within the overburden groundwater in the CAMU area;
- Characterize shallow groundwater flow direction and gradients within the CAMU area; and
- Continue the comprehensive approach to assessing and mitigating water quality impacts at the facility.

1.2 Previous Site Groundwater Investigation

The CAMU Groundwater Performance Monitoring Program was initiated in June 1998. In addition to this program, a year-long comprehensive site groundwater investigation culminated in the issuance of an August 2001 Groundwater Investigation Report for the site. The Groundwater Investigation included the following components;

- Inspection and rehabilitation, if required, of existing monitoring wells;
- Monitoring well installations and development;
- Hydraulic conductivity testing;
- Monthly and quarterly groundwater monitoring and sampling;
- Report preparation and submittal.

At the request of the NYSDEC, one of the monitoring wells installed during the Groundwater Investigation (MW-8R) was maintained and included in that quarterly CAMU monitoring program.

1.3 Facility Description and Background

The MARI facility currently operates as a scrap metal recycling facility and an aluminum smelting operation, which began during the Spring of 2007. MARI operates only the Plant #2 portion of the former Wabash Aluminum Alloys facility,

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which ceased operations in June 2002. Prior to cessation, the Wabash facility produced aluminum ingot from various types of aluminum scrap. Figure 1 (Attachment 1) presents a depiction of the Plant #1 and Plant #2 properties. The Plant #1 property is currently owned by Thompson Corners, LLC. and is operated by Syracuse Haulers, Inc. The asphalt-paved CAMU area is located north of Plant #2. The locations of all site monitoring wells, including the wells associated with CAMU groundwater performance monitoring, are included on Figure 1.

2.0 CAMU GROUNDWATER PERFORMANCE MONITORING

2.1 Background

Analytical data generated from the CAMU groundwater sampling events have been reported to NYSDEC as they have became available, along with the any pertinent information regarding the presence or conditions of the monitoring wells. Groundwater sampling was performed on a quarterly basis prior to June 2005, after which semi-annual monitoring commenced. The remainder of this report addresses information on the current monitoring program.

2.2 Monitoring Well Inspection

At present, the following monitoring wells are sampled as part of the CAMU Groundwater Monitoring Performance Program:

B291	B281	B290	B107	B108
B401	B402R	B403	B404	MW-8R

Figure 1 presents the locations of monitoring wells utilized in the CAMU Groundwater Performance Monitoring Program. During each monitoring event, the initial activity is to conduct a field inspection of the existing wells. Over the course of time, several CAMU monitoring wells have been inadvertently damaged or destroyed, including;

- Monitoring well B280, located north of the CAMU, was destroyed in September 2000. based on its adjacent location, monitoring well B291 replaced monitoring well B280.

- Between the June 2004 and September 2004 sampling events, monitoring well B402 was destroyed. Monitoring well B402R was installed in November 2005 and began to be sampled for the December 2005 sampling event.

- Monitoring well MW-8, installed as part of the 2001 Groundwater Investigation, was destroyed during construction of scrap yard improvements. Subsequently, monitoring well MW-8R was installed adjacent to the MW-8 location for inclusion in the CAMU Groundwater Performance Monitoring Program.

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As part of the CAMU Groundwater Performance Monitoring program, several well maintenance tasks identified during the previous monitoring event were performed, including:

- A new flush-mounted protective casing was installed on well MW-8R which consists of an eight-inch diameter, water tight protective casing, encased in concrete. A new, lockable well plug was installed in the well opening. There was no change in the PVC elevation; therefore, surveying of the surface of MW-8R was not necessary.

- The area surrounding well B291 was cleared of vegetation, and the existing damaged flush-mounted well cover was removed and replaced with a stick-up-type protective casing installed in a concrete base. The wellhead was vertically surveyed relative to well B402, with the new reference elevation being calculated at 410.86. A new, lockable well plug was installed in the well opening

- Well B402 was properly decommissioned using a rotary drilling rig. The well was over-drilled and filled with concrete grout.

- Sampling of a seep identified along the eastern border of the property was performed as requested by the NYSDEC.

2.3 Groundwater Gauging and Sampling

This section provides field and laboratory protocols followed during the groundwater sampling events conducted under the CAMU Groundwater Performance Monitoring Program. Table 1 (Attachment 2) provides a summary of the sampling frequency and the analytical parameters for each monitoring well during the program.

Groundwater Gauging

Prior to groundwater sampling of the monitoring wells, the static water level of each monitoring well was gauged using an electronic water level sensor capable of measuring to an accuracy of +/- 0.01 foot. The water level probe was decontaminated between wells by washing in an Alconox/water solution and rinsing with distilled water.

Groundwater Contour Maps

Figures 2 depicts the groundwater contours developed from the groundwater surface elevations measured during the June 2007 sampling event. The summary groundwater surface elevation data for June 2007 (Table 2) indicates that overall, the groundwater levels have receded since the December 2006 sampling event. Based on review of groundwater surface elevation data from this sampling event, as well as historic data, these contours generally represent typical seasonal groundwater flow patterns for the MARI facility. Figure 2 indicates that the general groundwater flow direction at the facility is to the northeast toward the South Branch of Ley Creek.

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Groundwater Sampling & Analysis

Each monitoring well was purged prior to sampling. Water surface elevations and groundwater indicator parameters (pH and specific conductance) were measured after purging and following recharge. Consistent with the 2002 revisions to the SAP, purging of monitoring wells was conducted using a low-flow peristaltic pump with dedicated tubing at each location. Purging continued until a minimum of three well volumes were removed or until the well went dry.

Groundwater samples were collected after purging and recharge using new disposable bailers. After collection, the samples were placed into clean containers by field technicians working for Upstate Laboratories, Inc. (Upstate). Upstate, which is certified by the New York State Department of Health for the analyses required, also completed the laboratory analyses for the project. Samples were packed on ice and kept at 4°C or less until delivered to the laboratory. A turn around time of two weeks was utilized for laboratory reporting of analytical results (Attachment 3).

All PCBs analyses were conducted utilizing USEPA Method 8082, with an MDL of less than 0.065 µg/l (ppb), with the exception of the B402 sample, which had an MDL of 0.10 µg/l (ppb). Table 3 provides the summary analytical data for PCBs, and Total and Dissolved Lead, for the monitoring wells included in this program, as well as the field obtained pH and specific conductivity data. Table 4 provides the data for Total and Dissolved Barium and Arsenic. Attachment 3 includes the laboratory data sheets for all laboratory analyses associated with the groundwater sampling event.

It should be noted that the Laboratory did not collect and analyze the samples using ASP Category "B" protocol, as scheduled for this sampling event. However, this additional sampling will be performed during the December 2007 event, as approved by the NYSDEC.

2.4 Semi-Annual Reports

Data resulting from this semi-annual groundwater sampling event are being submitted with this report. The date of this sampling event was June 29, 2007.

3.0 RESULTS AND CONCLUSIONS

3.1 Groundwater Quality

This section provides a summary of field data and analytical results from the CAMU Groundwater Performance Monitoring Program for the June 2007 sampling event, along with conclusions regarding groundwater quality. Data on Tables 3 and 4 are highlighted, as appropriate, to indicate detected concentrations that exceed the following NYSDEC Class GA Groundwater Standards:

Parameter	Class GA Standard
pH	NA
Lead	0.025 mg/l
Arsenic	0.025 mg/l
Barium	1.00 mg/l
Aroclor 1016	0.09 µg/l*
Aroclor 1221	0.09 µg/l*
Aroclor 1232	0.09 µg/l*
Aroclor 1242	0.09 µg/l*
Aroclor 1248	0.09 µg/l*
Aroclor 1254	0.09 µg/l*
Aroclor 1260	0.09 µg/l*

Notes: NA = No Class GA Standard for this parameter.
* = The PCB limit applies to the total for all Aroclors.

For the purpose of this report, the pH parameter is compared to the facility's SPDES surface water discharge limit which is 6.5-8.5 S.U. The following sections summarize the analytical data collected during the June 2007 CAMU Groundwater Performance Monitoring.

pH

None of the CAMU Groundwater Performance Monitoring wells exhibited pH measurements outside the range utilized for comparison (6.5-8.5 S.U.) during the June 2007 sampling event.

PCBs

Monitoring well MW-8R exhibited levels of Aroclor 1254 that exceeded the Class GA Groundwater Standard (0.09 µg/l) with a concentrations of **3.9 µg/l** being detected for the June 2007 sampling event. None of the other CAMU Groundwater Performance Monitoring Wells exhibited detectable concentrations of any PCB Aroclor during the June 2007 sampling event.

Total and Dissolved Lead

Monitoring well B402R exhibited a Total Lead concentration of **0.15 mg/l** for the June 2007 sampling event, which exceeds the Class GA Groundwater Standard (0.025 mg/l). None of the other CAMU Groundwater Performance Monitoring wells exhibited Total Lead concentrations exceeding the 0.025 mg/l Class GA Groundwater Standard during the June 2007 sampling event. None of the CAMU Groundwater Performance Monitoring wells exhibited Dissolved Lead concentrations exceeding the Class GA Groundwater Standard during the June 2007 sampling event.

Total and Dissolved Barium

Monitoring well B108 exhibited a Total Barium concentration of **1.3 mg/l** for the June 2007 sampling event, which exceeds the Class GA Groundwater Standard (1.0 mg/l). None of the other CAMU Groundwater Performance Monitoring wells

exhibited Total Barium concentrations exceeding the 1.0 mg/l Class GA Groundwater Standard during the June 2007 sampling event. None of the CAMU Groundwater Performance Monitoring wells exhibited Dissolved Barium concentrations exceeding the Class GA Groundwater Standard during the June 2007 sampling events. Table 4 represents the historic CAMU Groundwater Performance Monitoring well analytical results for Total and Dissolved Barium.

Total and Dissolved Arsenic

Monitoring well B281 exhibited a Total Arsenic concentration of **0.028 mg/l** for the June 2007 sampling event, which exceeds the Class GA Groundwater Standard (0.025 mg/l). None of the other CAMU Groundwater Performance Monitoring wells exhibited Total Arsenic concentrations exceeding the 0.025 mg/l Class GA Groundwater Standard during the June 2007 sampling event. None of the CAMU Groundwater Performance Monitoring wells exhibited Dissolved Arsenic concentrations exceeding the Class GA Groundwater Standard during the June 2007 sampling events. Table 4 represents the historic CAMU Groundwater Performance Monitoring well analytical results for Total or Dissolved Arsenic.

3.2 Conclusions and Future Sampling

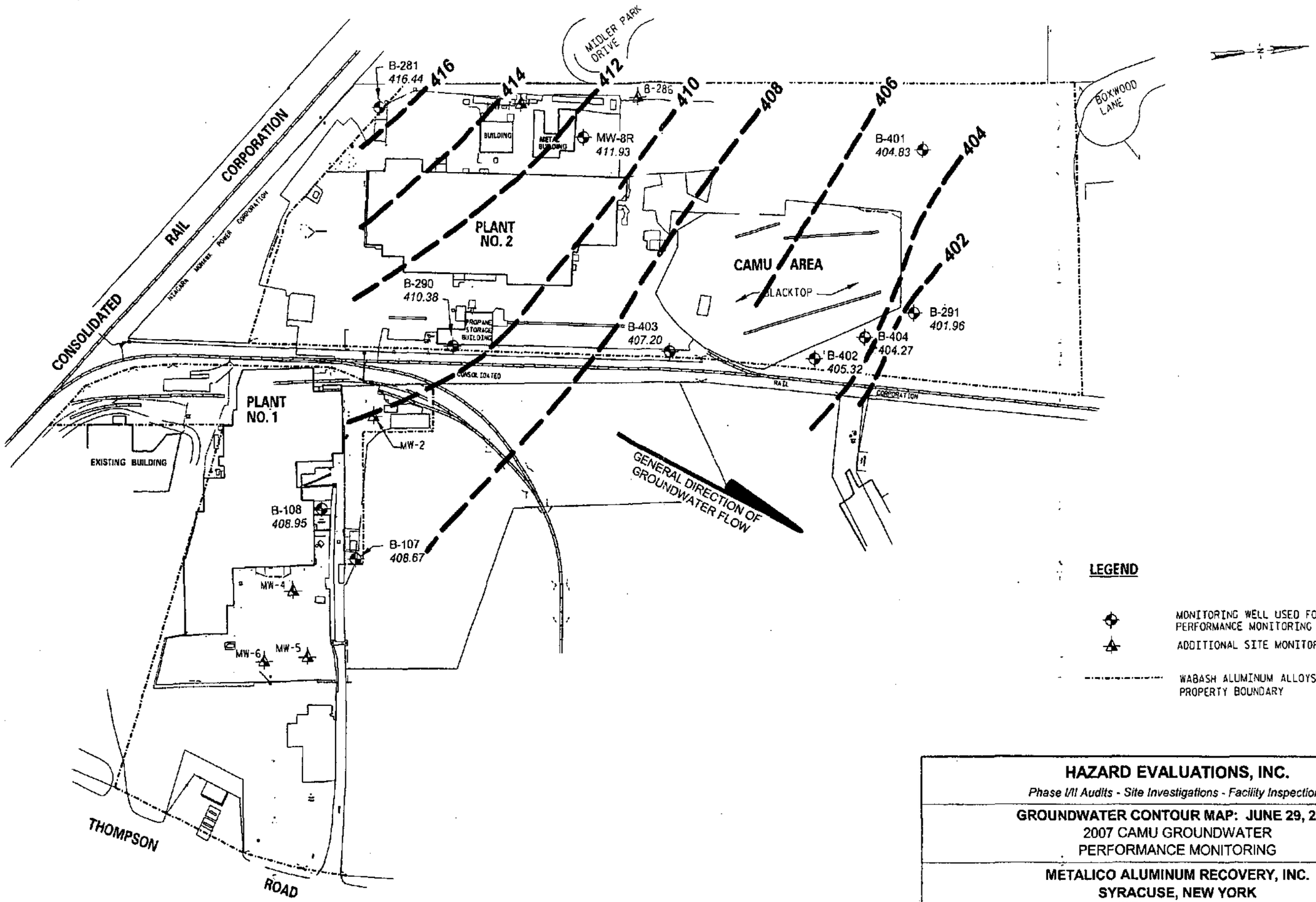
The field measurements and laboratory analytical data generated during the June 2007 CAMU Groundwater Performance Monitoring Program indicate target parameter concentrations generally consistent with those exhibited in preceding years. One result which represented a deviation from the historic data was the detection of Total Barium in monitoring well B108 at a concentration of 1.3 µg/l, which represents the highest concentration of Barium in that well since sampling began. However, it must be noted that the groundwater Field Logs indicate that the purge water remained cloudy until the end of purging. In that regard, the sediments in the water may have caused the elevated level of Barium.

Continued monitoring of well B108 will provide additional data regarding the condition of groundwater at this location and will assist in determining if chemical constituents from the CAMU are impacting groundwater. As indicated in a June 24, 2002 letter to Wabash Alloys, LLC, the NYSDEC may request additional testing by MARI of the soil and/or groundwater in the vicinity of MW-8R to assess the presence of PCBs in this area.

During the June 2007 sampling activities, there were no new on-site conditions identified which would clearly require additional MARI investigative or remedial action. It has already been determined that an additional sampling event of the seep identified on the eastern portion of the property will be performed at the request of the NYSDEC. MARI will continue to conduct semi-annual monitoring of the designated monitoring wells pending NYSDEC Division of Hazardous Materials conclusions regarding the need for continuation of this program.

Attachment 1

Figures



BASE DRAWING TAKEN FROM C&S ENGINEERS, INC., FIGURE 1, FILE NO. 868.009.001, AUGUST 2006.

HAZARD EVALUATIONS, INC.

Phase I/II Audits - Site Investigations - Facility Inspections

GROUNDWATER CONTOUR MAP: JUNE 29, 2007
2007 CAMU GROUNDWATER
PERFORMANCE MONITORING

METALICO ALUMINUM RECOVERY, INC.
SYRACUSE, NEW YORK

DRAWN BY: DLW	SCALE: NOT TO SCALE	PROJECT: 19216
CHECKED BY: SAO	DATE: 8/07	DRAWING: 080781

Attachment 2

Tables

Table 1
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring Schedule

Sampling Frequency	Parameter	Analytical Method	MDL	Well Locations	Required QA/QC Samples
Annually (June)	Arsenic (Total & Soluble)	EPA Method 6010	4 µg/l	B281 B291	1 MS 1 FB 1 D 1 EB
	Barium (Total & Soluble)	EPA Method 6010	2 µg/l	B107 B108 B281	1 MS 1 FB 1 D 1 EB
Semi-Annual (June & December)	Lead (Total & Soluble)	EPA Method 6010	300 µg/l	B281 B290 B291 B401 B402R B403 B404 MW-8R	1 MS 1 FB 1 D 1 EB
	PCB's	EPA Method 8082	0.05 µg/l	B281 B290 B291 B401 B402R B403 B404 MW-8R	1 MS 1 MSD 1 D

Notes:
1) Locations of monitoring wells are provided on Figure 1.
2) MDL = Method Detection Limit
3) QA/QC Sample Designations;
   D = Duplicate
   MS = Matrix Spike
   MSD = Matrix Spike Duplicate
   EB = Equipment Blank
   FB = Filter Blank
4) QA/QC samples collected only when Category B Deliverables are required, with the exception of the Duplicate sample, which is collected for **each** sampling event. (Category B Deliverables are required every five years as follows - June 2007, June 2012, etc.)

Table 2
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Groundwater Elevation Summary Table

Monitoring Well	Reference Elevation	Groundwater Elevations for three most recent monitoring events.		
		6-8-06	12-19-06	7-29-07
B107	410.61	NS	NS	408.67
B108	411.80	NS	NS	408.95
B281	423.39	418.72	420.25	416.44
B290	414.61	411.40	409.57	410.38
B291	410.86*	404.30	404.43	401.96
B401	413.54	407.06	407.30	404.83
B402R	409.44	406.32	405.47	405.32
B403	411.05	408.33	408.01	407.20
B404	410.77	406.37	406.76	404.27
MW-8R	415.30	412.49	412.00	411.93

Notes: 1) NS = Not Sampled
2) * New reference elevation as of 4/24/07 wellhead modification.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B107)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B107	Jun-00			7.46	1,046	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	0.10
	Jul-00			7.57	916	<0.05	<0.05	<0.05	<0.05	<0.05	0.086	<0.05
	Aug-00			7.81	920	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-00			7.34	980	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Oct-00			7.68	834	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Nov-00			7.87	640	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Feb-01			7.71	608	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Apr-01			7.82	960	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	May-01			7.63	1,107	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-02			7.44	947							
	Dec-03			8.62	644							
	Mar-04			7.81	543							
	Jun-05			7.65	623							
	Jun-07			7.68	482							

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B108)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B108	Jul-00			7.21	2,620	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Aug-00			7.33	2,750	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-00	0.002	0.001	7.27	2,510	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Oct-00			7.26	2,520	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Nov-00			7.00	2,210	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-00	0.004	<0.001	7.22	2,180	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jan-01			7.19	2,176	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Feb-01			7.74	2,110	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-01	<0.001	<0.001	7.01	2,100	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Apr-01			6.98	2,350	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	May-01			7.01	1,680	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-02			7.08	254							
	Dec-03			8.52	1,663							
	Mar-04			7.55	1,546							
	Jun-05			7.44	1,919							
	Jun-07			7.22	1,012							

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B280)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B280**	Jul-00	0.0036	<0.002	7.06	801	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Aug-00	0.089	<0.01	6.24	893	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Sep-00	0.002	0.002	6.86	1,056	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) ** Monitoring well B291 replaced monitoring well B280 in this program in September 2000.
3) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B281)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B281	Jun-98	<0.002	<0.002	6.53	2,690							
	1999	<0.01	<0.01	7.47	3,120	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01	<0.01
	Jun-00	<0.001	<0.001	6.72	2,630	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-00	<0.001	<0.001	7.02	2,560	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-00	<0.001	<0.001	7.28	1,956	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-01	<0.001	<0.001	7.24	2,020	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-02	<0.001	<0.001									
	Sep-02	<0.001	<0.001	6.86	3,000							
	Dec-02	<0.001		7.03	2,060	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-03	<0.001	<0.001	7.27	1,063	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-03	0.001	<0.001	7.32	3,010	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-03	<0.01	<0.001	7.29	3,170	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-03	0.002	0.001	7.27	2,170	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-04	<0.001	<0.001	7.18	2,230	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-04	<0.001	0.001	7.47	2,940	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-04	<0.001	<0.001	7.03	2,990	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-04	0.004	<0.001	7.39	1,969	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-05	<0.001	<0.001	7.48	3,000	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-05	<0.001	<0.001	7.33	2,170	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3 - continued
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B281)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B281	Dec-05	0.001	<0.001	7.19	2,430	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-06	0.009	<0.003	7.46	2,780	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-06	<0.003	0.024	7.17	2,430	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-07	<0.003	<0.003	7.32	778	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B290)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B290	Jun-98	41.9	<0.02	6.94	2,180							
	1999	<0.01	0.72	7.24	2,370							
	Jun-00	0.045	<0.001	6.87	2,410	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-00	0.050	<0.001	7.42	2,120	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-00	0.092	<0.001	7.01	1,784	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-01	0.007	<0.001	7.01	1,693	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-02	0.048	<0.001									
	Sep-02	0.008	<0.001	6.93	2,130							
	Dec-02	0.042		7.13	1,707	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-03	0.002	<0.001	7.38	1,451	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-03	0.059	<0.001	7.37	2,420	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-03	0.021	<0.001	7.17	2,240	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-03	0.008	0.002	8.08	1,322	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-04	<0.001	<0.001	7.49	1,590	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-04	0.001	<0.001	7.45	1,711	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-04	0.008	<0.001	7.24	2,410	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-04	<0.001	0.003	7.41	1,822	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-05	0.013	<0.001	7.52	2,450	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-05	0.012	<0.001	7.68	1,663	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3 - continued
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B290)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B290	Dec-05	0.002	<0.001	7.17	2,600	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-06	0.023	<0.003	7.67	1,676	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-06	0.006	<0.003	7.26	2,430	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-07	0.016	0.004	8.10	701	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B291)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B291**	Sep-00	0.007	0.001	7.31	877	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-00	0.001	0.001	7.24	848	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-01	0.003	<0.001	7.01	752	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-02	<0.001	<0.001			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-02	0.002	<0.001	7.4	1,134	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-03	0.002	<0.001	7.37	800	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-03	0.003	0.001	7.38	1,213	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-03	<0.001	<0.001	7.21	898	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-03	0.008	0.002	8.81	804	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-04	0.002	<0.001	7.31	860	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-04	0.001	<0.001	7.53	1,167	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-04	0.003	<0.001	7.21	746	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-04	0.001	<0.001	7.10	958	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-05	<0.001	<0.001	7.18	996	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-05	0.002	0.001	7.36	813	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) ** Monitoring well B291 replaced monitoring well B280 in this program in September 2000.
3) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3 - continued
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B291)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B291**	Dec-05	0.002	<0.001	7.23	971	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-06	<0.003	<0.003	7.09	856	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-06	<0.003	<0.003	6.87	968	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-07	0.010	0.005	7.58	478	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) ** Monitoring well B291 replaced monitoring well B280 in this program in September 2000.
3) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B401)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B401	Jun-98	0.0124	<0.002									
	1999	0.061	<0.01	6.69	1,510							
	Jun-00	0.044	0.003	6.78	1,275	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-00	0.35	0.002	7.29	1,159	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-00	0.059	0.007	7.44	1,180	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-01	0.033	<0.001	7.26	810	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-02	0.21	<0.001									
	Sep-02	0.06	0.002	7.48	644							
	Dec-02	0.013		7.27	925	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-03	0.024	<0.001	7.32	781	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-03	0.01	0.003	7.66	1,109	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-03	0.01	0.001	7.15	1,126	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-03	0.021	0.002	8.37	791	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-04	0.004	<0.001	7.48	785	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-04	0.031	<0.001	7.49	1,053	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-04	0.005	<0.001	7.11	1,030	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-04	0.002	<0.001	7.21	937	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-05	0.003	<0.001	7.36	1,038	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-05	0.003	0.001	7.83	814	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3 - continued
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B401)

		Total Lead	Soluble Lead	pH	Specific Conduct	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B401	Dec-05	0.007	<0.001	7.18	1,066	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-06	0.042	<0.003	7.46	986	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-06	0.011	<0.003	6.39	502	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-07	0.008	0.003	7.46	441	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B402)

		Total Lead	Soluble Lead	pH	Specific Conduct	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B402**	Jun-98	0.0064	0.0041			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	1999	0.29	<0.01	8.12	3,350	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1	<0.1
	Jun-00	0.007	0.003	8.45	2,820	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-00	0.007	0.002	8.13	1,374	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-00	0.004	0.002	8.75	1,785	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-01	0.003	0.004	7.95	1,480	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-02	<0.001	<0.001									
	Sep-02	0.004	<0.001	8.44	2,260							
	Dec-02	<0.001		8.96	2,080	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-03	<0.001	<0.001	8.72	1,628	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-03	0.002	<0.001	9.07	2,450	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-03	0.001	<0.001	7.49	1,671	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-03	0.003	0.002	10.69	2,050	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-04	<0.001	<0.001	8.98	1,892	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-04	0.002	<0.001	7.71	2,820	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-04	No Sample – Well Destroyed										

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B402R)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B402R	Dec-05	0.26	0.001	7.73	3,060	<0.05	<0.05	<0.05	<0.05	<0.05	1.2	<0.05
	Jun-06	0.003	<0.003	8.37	2,960	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-06	0.048	<0.003	8.61	2,680	0.099	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-07	0.15	0.010	8.11	1,658	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10	<0.10

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B403)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B403	Jun-98	28.4	<0.002	7.21	1,280	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	1999	0.24	0.01	7.36	710	<0.01	<0.01	<0.01	<0.01	<0.01	0.17	<0.01
	Jun-00	0.010	0.004	7.35	402	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-00	0.007	0.003	8.41	520	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-00	0.002	0.002	8.12	970	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-01	0.004	0.003	7.54	415	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-02	<0.001	<0.001			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-02	0.005	<0.001	7.11	456	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-02	0.003		7.52	201	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-03	0.002	<0.001	7.97	200	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-03	0.002	<0.001	8.03	536	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-03	0.002	<0.001	7.61	351	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-03	0.004	0.001	8.41	235	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-04	0.003	0.002	7.44	296	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-04	0.001	0.002	7.65	681	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-04	0.001	<0.001	7.23	662	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-04	<0.001	<0.001	7.52	613	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-05	<0.001	<0.001	7.82	1,156	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-05	0.003	0.002	7.64	1,135	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3 - continued
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B403)

		Total Lead	Soluble Lead	pH	Specific Conduct	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B403	Dec-05	0.002	0.001	7.18	1,372	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-06	<0.003	<0.003	7.36	1,479	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-06	<0.003	<0.003	7.85	1,719	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-07	<0.003	0.005	8.41	822	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B404)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B404	Jun-98	0.0071	0.0027	10.55	2,380	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	1999	<0.01	<0.01	6.72	1,740	<0.01	<0.01	<0.01	<0.01	<0.01	0.17	<0.01
	Jun-00	0.004	0.002	6.97	1,573	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-00	0.002	0.002	7.32	1,114	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-00	0.003	<0.001	7.47	589	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-01	0.003	0.003	7.54	610	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-02	<0.001	<0.001			<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-02	0.003	<0.001	7.09	731	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-02	0.003		7.33	374	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-03	<0.001	<0.001	7.61	272	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-03	0.002	<0.001	7.63	544	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-03	0.001	<0.001	7.26	526	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-03	0.004	0.002	9.83	297	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-04	0.001	0.002	8.14	286	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-04	0.001	<0.001	8.55	516	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Sep-04	0.002	0.001	7.43	559	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-04	<0.001	<0.001	7.66	348	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Mar-05	<0.001	<0.001	7.28	512	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-05	0.003	<0.001	7.56	367	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3 - continued
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well B404)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
B404	Dec-05	<0.001	<0.001	7.14	512	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-06	<0.003	<0.003	7.46	523	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-06	<0.003	<0.003	6.89	474	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Jun-07	0.006	0.004	7.24	365	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05

Notes: 1) * Applies to the sum of these substances.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 3
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table - (Monitoring Well MW-8R)

		Total Lead	Soluble Lead	pH	Specific Conduct.	Aroclors						
						1016	1221	1232	1242	1248	1254	1260
Units		mg/l	mg/l	s.u.	us/cm	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l	µg/l
Class GA Standard		0.025	0.025	6.5-8.5	NA	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*	0.09*
MW-8R	Sep-02	0.004	0.001	9.21	933	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05	<0.05
	Dec-02	0.002		9.62	567	<0.05	<0.05	<0.05	<0.05	<0.05	2.6	<0.05
	Mar-03	0.001	0.002	8.82	551	<0.05	<0.05	<0.05	<0.05	<0.05	0.3	<0.05
	Jun-03	0.002	0.002	8.59	726	<0.05	<0.05	<0.05	<0.05	<0.05	0.25	<0.05
	Sep-03	0.002	<0.001	8.05	441	<0.05	<0.05	<0.05	<0.05	<0.05	5.9	<0.05
	Dec-03	0.004	0.002	8.37	576	<0.05	<0.05	<0.05	<0.05	<0.05	3.6	<0.05
	Mar-04	0.002	<0.001	7.91	531	<0.05	<0.05	<0.05	<0.05	<0.05	2.6	<0.05
	Jun-04	0.002	<0.001	8.06	332	<0.05	<0.05	<0.05	<0.05	<0.05	0.32	<0.05
	Sep-04	<0.001	0.002	7.14	811	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0
	Dec-04	0.009	<0.001	7.36	996	<0.05	<0.05	<0.05	<0.05	<0.05	0.98	<0.05
	Mar-05	<0.001	<0.001	7.76	1,158	<0.05	<0.05	<0.05	<0.05	<0.05	1.2	<0.05
	Jun-05	0.002	0.001	8	402	<0.05	<0.05	<0.05	<0.05	<0.05	3.3	<0.05
	Dec-05	0.001	0.001	7.67	893	<0.05	<0.05	<0.05	<0.05	<0.05	0.63	<0.05
	Jun-06	0.004	<0.003	8.39	239	<0.05	<0.05	<0.05	<0.05	<0.05	0.92	<0.05
	Dec-06	0.21	<0.003	7.46	549	<0.05	<0.05	<0.05	<0.05	<0.05	9.3	<0.05
	Jun-07	0.006	<0.003	8.48	449	<0.05	<0.05	<0.05	<0.05	<0.05	3.9	<0.05

Notes: 1) * Applies to the sum of these substances.
2) MW-8R was installed in September 2002 and added to the CAMU monitoring at that time.
3) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Table 4
Metalico Aluminum Recovery, Inc.; Syracuse Facility
Corrective Action Management Unit (CAMU)
Groundwater Performance Monitoring
Historical Laboratory Analytical Summary Table
Oil & Grease, Arsenic, and Barium

		Oil & Grease	Arsenic (Total)	Arsenic (Dissolved)	Barium (Total)	Barium (Dissolved)
Units		mg/l	mg/l	mg/l	mg/l	mg/l
Class GA Standard		NA	0.025	0.025	1.0	1.0
B107	Jun-00				<0.3	<0.3
	Sep-02				0.31	0.34
	Dec-03				0.4	0.4
	Mar-04				0.5	0.3
	Jun-05				0.34	0.34
	Jun-07				0.71	0.65
B108	Sep-02				0.73	0.78
	Dec-03				0.4	1
	Mar-04				0.5	0.4
	Jun-05				0.73	0.7
	Jun-07				1.3	0.49
B280*	Jun-98		<0.003	0.0036		
	1999		<0.01	<0.01		
	Jun-00		0.004	0.004		
B291*	Jun-02		0.012	<0.010		
	Sep-02		<0.010	<0.010		
	Dec-03		0.012	<0.010		
	Mar-04		0.020	0.016		
	Jun-05		<0.01	<0.01		
	Jun-07		<0.010	<0.010		
B281	Jun-98		0.0059	<0.003		
	1999		<0.01	<0.01		
	Jun-00		0.060	0.001	<0.3	<0.3
	Jun-02		0.037	0.017		
	Sep-02		0.023	<0.010	<0.03	<0.03
	Dec-03		0.017	<0.001	<0.3	<0.3
	Mar-04		0.031	0.017	<0.3	<0.3
	Jun-05		0.016	0.011	<0.3	<0.3
	Jun-07		0.028	<0.010	<0.3	<0.3
MW-8R	Sep-02	<5				

Notes: 1) * Monitoring well B291 replaced monitoring well B280 in this program in September 2000.
2) Shaded results denote that concentration above Class GA Groundwater Quality Standards.

Attachment 3

Laboratory Report and Field Logs

Upstate Laboratories, Inc.

Shipping: 6034 Corporate Dr. * E. Syracuse, NY 13057-1017 * (315) 437-0255 * Fax (315) 437-1209
Mailing: Box 169 * 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

Mr. Jon Marantz, General Manager
Metalico Syracuse, Inc.
PO Box 88
E. Syracuse, NY 13057

July 24, 2007

RE: Semi-Annual Metalico Wells

Order No.: U0706558

Dear Mr. Marantz:

Upstate Laboratories, Inc. received 12 samples on 6/29/07 for the analyses presented in the following report.

All analytical results relate to the samples as received by the laboratory.

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, please feel free to give us a call.

Thank you for your patronage.

Sincerely,
UPSTATE LABORATORIES, INC.
Anthony J. Scala
Anthony J. Scala
President/CEO

Enclosures: copy report, invoice

cc/encs:
Scott Overhoff, Hazard Evaluations, Inc.: original report

Confidentiality Statement: This report is meant for the use of the intended recipient. It may contain confidential information, which is legally privileged or otherwise protected by law. If you have received this report in error, you are strictly prohibited from reviewing, using, disseminating, distributing or copying the information.

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	MW-8R
Lab Order:	U0706558	**Collection Date:**	6/29/2007 9:45:00 AM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-001	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Conductivity	449	1.0		umhos/cm		6/29/2007 9:45:00 AM
pH	8.48	6.5-8.5		SU		6/29/2007 9:45:00 AM
POLYCHLORINATED BIPHENYLS IN WASTEWAT		**SW8082**		**(SW3510B)**		Analyst: **KC**
Aroclor 1016	ND	0.050		µg/L	1	7/3/2007
Aroclor 1221	ND	0.050		µg/L	1	7/3/2007
Aroclor 1232	ND	0.050		µg/L	1	7/3/2007
Aroclor 1242	ND	0.050		µg/L	1	7/3/2007
Aroclor 1248	ND	0.050		µg/L	1	7/3/2007
Aroclor 1254	3.9	0.050		µg/L	1	7/3/2007
Aroclor 1260	ND	0.050		µg/L	1	7/3/2007
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.006	0.003		mg/L	1	7/6/2007 8:49:54 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	ND	0.003		mg/L	1	7/9/2007 8:58:55 AM

Approved By: PE **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	B281
Lab Order:	U0706558	**Collection Date:**	6/29/2007 11:05:00 AM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-002	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Conductivity	778	1.0		umhos/cm		6/29/2007 11:05:00 AM
pH	7.32	6.5-8.5		SU		6/29/2007 11:05:00 AM
POLYCHLORINATED BIPHENYLS IN WASTEWAT		**SW8082**		**(SW3510B)**		Analyst: **KC**
Aroclor 1016	ND	0.050		µg/L	1	7/3/2007
Aroclor 1221	ND	0.050		µg/L	1	7/3/2007
Aroclor 1232	ND	0.050		µg/L	1	7/3/2007
Aroclor 1242	ND	0.050		µg/L	1	7/3/2007
Aroclor 1248	ND	0.050		µg/L	1	7/3/2007
Aroclor 1254	ND	0.050		µg/L	1	7/3/2007
Aroclor 1260	ND	0.050		µg/L	1	7/3/2007
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: **EA**
Arsenic*	0.028	0.010		mg/L	1	7/6/2007 8:53:22 AM
Barium	ND	0.30		mg/L	1	7/6/2007 8:53:22 AM
Lead*	ND	0.003		mg/L	1	7/6/2007 8:53:22 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: **EA**
Arsenic*	ND	0.010		mg/L	1	7/9/2007 9:02:22 AM
Barium	ND	0.30		mg/L	1	7/9/2007 9:02:22 AM
Lead*	ND	0.003		mg/L	1	7/9/2007 9:02:22 AM

Approved By: PF **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	B290
Lab Order:	U0706558	**Collection Date:**	6/29/2007 11:55:00 AM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-003	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Conductivity	701	1.0		umhos/cm		6/29/2007 11:55:00 AM
pH	8.1	6.5-8.5		SU		6/29/2007 11:55:00 AM
POLYCHLORINATED BIPHENYLS IN WASTEWAT		**SW8082**		**(SW3510B)**		Analyst: **KC**
Aroclor 1016	ND	0.050		µg/L	1	7/3/2007
Aroclor 1221	ND	0.050		µg/L	1	7/3/2007
Aroclor 1232	ND	0.050		µg/L	1	7/3/2007
Aroclor 1242	ND	0.050		µg/L	1	7/3/2007
Aroclor 1248	ND	0.050		µg/L	1	7/3/2007
Aroclor 1254	ND	0.050		µg/L	1	7/3/2007
Aroclor 1260	ND	0.050		µg/L	1	7/3/2007
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.016	0.003		mg/L	1	7/6/2007 9:07:38 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.004	0.003		mg/L	1	7/9/2007 9:16:37 AM

Approved By: PF **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	B291
Lab Order:	U0706558	**Collection Date:**	6/29/2007 12:45:00 PM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-004	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Conductivity	478	1.0		umhos/cm		6/29/2007 12:45:00 PM
pH	7.58	6.5-8.5		SU		6/29/2007 12:45:00 PM
POLYCHLORINATED BIPHENYLS IN WASTEWAT		**SW8082**		**(SW3510B)**		Analyst: **KC**
Aroclor 1016	ND	0.050		µg/L	1	7/3/2007
Aroclor 1221	ND	0.050		µg/L	1	7/3/2007
Aroclor 1232	ND	0.050		µg/L	1	7/3/2007
Aroclor 1242	ND	0.050		µg/L	1	7/3/2007
Aroclor 1248	ND	0.050		µg/L	1	7/3/2007
Aroclor 1254	ND	0.050		µg/L	1	7/3/2007
Aroclor 1260	ND	0.050		µg/L	1	7/3/2007
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: **EA**
Arsenic*	ND	0.010		mg/L	1	7/6/2007 9:11:10 AM
Lead*	0.010	0.003		mg/L	1	7/6/2007 9:11:10 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: **EA**
Arsenic*	ND	0.010		mg/L	1	7/9/2007 9:20:05 AM
Lead*	0.005	0.003		mg/L	1	7/9/2007 9:20:05 AM

Approved By: PE **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	B401
Lab Order:	U0706558	**Collection Date:**	6/29/2007 10:00:00 AM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-005	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Conductivity	441	1.0		umhos/cm		6/29/2007 10:00:00 AM
pH	7.46	6.5-8.5		SU		6/29/2007 10:00:00 AM
POLYCHLORINATED BIPHENYLS IN WASTEWAT		**SW8082**		**(SW3510B)**		Analyst: KC
Aroclor 1016	ND	0.050		µg/L	1	7/3/2007
Aroclor 1221	ND	0.050		µg/L	1	7/3/2007
Aroclor 1232	ND	0.050		µg/L	1	7/3/2007
Aroclor 1242	ND	0.050		µg/L	1	7/3/2007
Aroclor 1248	ND	0.050		µg/L	1	7/3/2007
Aroclor 1254	ND	0.050		µg/L	1	7/3/2007
Aroclor 1260	ND	0.050		µg/L	1	7/3/2007
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: EA
Lead*	0.008	0.003		mg/L	1	7/6/2007 9:21:40 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: EA
Lead*	0.003	0.003		mg/L	1	7/9/2007 9:23:48 AM

Approved By: DE **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	B402
Lab Order:	U0706558	**Collection Date:**	6/29/2007 11:25:00 AM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-006	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Conductivity	1658	1.0		umhos/cm		6/29/2007 11:25:00 AM
pH	8.11	6.5-8.5		SU		6/29/2007 11:25:00 AM
POLYCHLORINATED BIPHENYLS IN WASTEWAT		**SW8082**		**(SW3510B)**		Analyst: **KC**
Aroclor 1016	ND	0.10		µg/L	1	7/3/2007
Aroclor 1221	ND	0.10		µg/L	1	7/3/2007
Aroclor 1232	ND	0.10		µg/L	1	7/3/2007
Aroclor 1242	ND	0.10		µg/L	1	7/3/2007
Aroclor 1248	ND	0.10		µg/L	1	7/3/2007
Aroclor 1254	ND	0.10		µg/L	1	7/3/2007
Aroclor 1260	ND	0.10		µg/L	1	7/3/2007
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.15	0.003		mg/L	1	7/6/2007 9:25:14 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.010	0.003		mg/L	1	7/9/2007 9:33:55 AM

Approved By: PE **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	B403
Lab Order:	U0706558	**Collection Date:**	6/29/2007 11:40:00 AM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-007	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Conductivity	822	1.0		umhos/cm		6/29/2007 11:40:00 AM
pH	8.41	6.5-8.5		SU		6/29/2007 11:40:00 AM
POLYCHLORINATED BIPHENYLS IN WASTEWAT		**SW8082**		**(SW3510B)**		Analyst: **KC**
Aroclor 1016	ND	0.050		µg/L	1	7/3/2007
Aroclor 1221	ND	0.050		µg/L	1	7/3/2007
Aroclor 1232	ND	0.050		µg/L	1	7/3/2007
Aroclor 1242	ND	0.050		µg/L	1	7/3/2007
Aroclor 1248	ND	0.050		µg/L	1	7/3/2007
Aroclor 1254	ND	0.050		µg/L	1	7/3/2007
Aroclor 1260	ND	0.050		µg/L	1	7/3/2007
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	ND	0.003		mg/L	1	7/6/2007 9:28:59 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.005	0.003		mg/L	1	7/9/2007 9:37:37 AM

NOTES:

Dissolved value may be higher than total, however, the values are within experimental error.

Approved By: PE **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	B404
Lab Order:	U0706558	**Collection Date:**	6/29/2007 10:35:00 AM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-008	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Conductivity	365	1.0		umhos/cm		6/29/2007 10:35:00 AM
pH	7.24	6.5-8.5		SU		6/29/2007 10:35:00 AM
POLYCHLORINATED BIPHENYLS IN WASTEWAT		**SW8082**		**(SW3510B)**		Analyst: **KC**
Aroclor 1016	ND	0.050		µg/L	1	7/3/2007
Aroclor 1221	ND	0.050		µg/L	1	7/3/2007
Aroclor 1232	ND	0.050		µg/L	1	7/3/2007
Aroclor 1242	ND	0.050		µg/L	1	7/3/2007
Aroclor 1248	ND	0.050		µg/L	1	7/3/2007
Aroclor 1254	ND	0.050		µg/L	1	7/3/2007
Aroclor 1260	ND	0.050		µg/L	1	7/3/2007
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.006	0.003		mg/L	1	7/6/2007 9:32:32 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.004	0.003		mg/L	1	7/9/2007 9:41:09 AM

Approved By: PF **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	B107
Lab Order:	U0706558	**Collection Date:**	6/29/2007 12:30:00 PM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-009	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Conductivity	482	1.0		umhos/cm		6/29/2007 12:30:00 PM
pH	7.68	6.5-8.5		SU		6/29/2007 12:30:00 PM
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: **EA**
Barium	0.71	0.30		mg/L	1	7/6/2007 9:36:18 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: **EA**
Barium	0.65	0.30		mg/L	1	7/9/2007 9:44:54 AM

Approved By: PF **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	B108
Lab Order:	U0706558	**Collection Date:**	6/29/2007 12:15:00 PM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-010	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
FIELD PARAMETERS		**FLD**				Analyst:
Conductivity	1012	1.0		umhos/cm		6/29/2007 12:15:00 PM
pH	7.22	6.5-8.5		SU		6/29/2007 12:15:00 PM
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: EA
Barium	1.3	0.30		mg/L	1	7/6/2007 9:39:50 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: EA
Barium	0.49	0.30		mg/L	1	7/9/2007 9:48:47 AM

Approved By: PF **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	B404 Dupe
Lab Order:	U0706558	**Collection Date:**	6/29/2007 10:35:00 AM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-011	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS IN WASTEWAT		**SW8082**		**(SW3510B)**		Analyst: **KC**
Aroclor 1016	ND	0.050		µg/L	1	7/3/2007
Aroclor 1221	ND	0.050		µg/L	1	7/3/2007
Aroclor 1232	ND	0.050		µg/L	1	7/3/2007
Aroclor 1242	ND	0.050		µg/L	1	7/3/2007
Aroclor 1248	ND	0.050		µg/L	1	7/3/2007
Aroclor 1254	ND	0.050		µg/L	1	7/3/2007
Aroclor 1260	ND	0.050		µg/L	1	7/3/2007
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.006	0.003		mg/L	1	7/6/2007 9:43:22 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.007	0.003		mg/L	1	7/9/2007 9:52:16 AM

NOTES:

Dissolved value may be higher than total, however, the values are within experimental error.

Approved By: PF **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

Upstate Laboratories, Inc.

Date: *24-Jul-07*

CLIENT:	Metalico Syracuse, Inc.	**Client Sample ID:**	Equipment Blank
Lab Order:	U0706558	**Collection Date:**	6/29/2007 8:00:00 AM
Project:	Semi-Annual Metalico Wells		
Lab ID:	U0706558-012	**Matrix:**	WATER

Analyses	Result	Limit	Qual	Units	DF	Date Analyzed
POLYCHLORINATED BIPHENYLS IN WASTEWAT		**SW8082**		**(SW3510B)**		Analyst: **KC**
Aroclor 1016	ND	0.050		µg/L	1	7/3/2007
Aroclor 1221	ND	0.050		µg/L	1	7/3/2007
Aroclor 1232	ND	0.050		µg/L	1	7/3/2007
Aroclor 1242	ND	0.050		µg/L	1	7/3/2007
Aroclor 1248	ND	0.050		µg/L	1	7/3/2007
Aroclor 1254	ND	0.050		µg/L	1	7/3/2007
Aroclor 1260	ND	0.050		µg/L	1	7/3/2007
ICP METALS, TOTALS		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	ND	0.003		mg/L	1	7/6/2007 9:46:43 AM
ICP METALS, DISSOLVED		**E200.7**		**(E200.7)**		Analyst: **EA**
Lead*	0.005	0.003		mg/L	1	7/9/2007 9:55:42 AM

NOTES:

Dissolved value may be higher than total, however, the values are within experimental error.

Approved By: PF **Date:** 7-24-07

Qualifiers:

*	Low Level	**	Value exceeds Maximum Contaminant Value
B	Analyte detected in the associated Method Blank	E	Value above quantitation range
H	Holding times for preparation or analysis exceeded	J	Analyte detected below quantitation limits
ND	Not Detected at the Reporting Limit	S	Spike Recovery outside accepted recovery limits

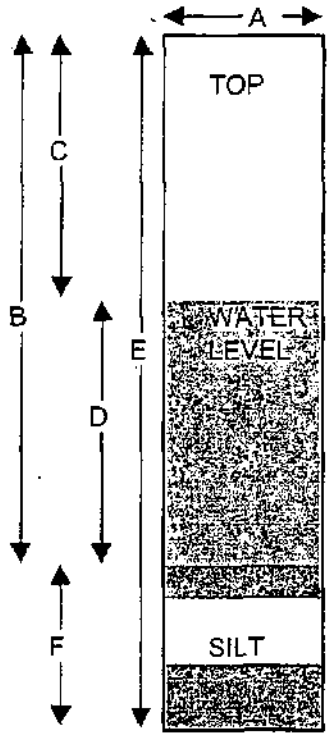
Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01 Revised: 2/97

Client:	Metallico
Project:	Wabash Wells
Well ID.:	MW-8R

ULI ID No. (enter by lab)

Condition of Well:	Good	Locked:	YES
Method of Evacuation:	SS Bailer	Lock ID:	
Method of Sampling:	SS Bailer		



A.	Diameter of Well	2"	inches
B.	Well Depth Measured	10	feet
C.	Depth to Water	3.37	feet
D.	Length of Water Column (calculated)	6.63	feet
	Conversion Factor	X.16	-----
	Well Volume (calculated)	1.0608	gallons
	No. of Volumes to be Evacuated	x3	-----
	Total Volume to be Evacuated	3.1824	gallons
	Actual Volume Evacuated	3.5	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated	N/A	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	6/29/2007	6/29/2007
Time	8:10 AM	9:45 AM
EH	-45	-15
Temperature	15.6 c	15.2 c
pH	8.27	8.48
Specific Cond.	510	449
Turbidity	205	58.7
Dissolved Oxygen	N/A	N/A
Appearance	gray/cloudy	cloudy

% Recharge:

Initial Depth to Water	3.37	feet
Recharge Depth to Water	3.41	feet
2nd water column height	98.82	%
1st water column height		
Elevation(Top of Casing)	N/A	feet
G.W. Elevation=	N/A	feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather:	67 f, sunny	67 f, sunny
Observations:		

Sampler: Justin Gibson

Signature: Justin Gibson

FOIL208515

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01 Revised: 2/97

Client: **Metallico**

Project: **Wabash Wells**

Well ID.: **B-281**

ULI ID No. (enter by lab)

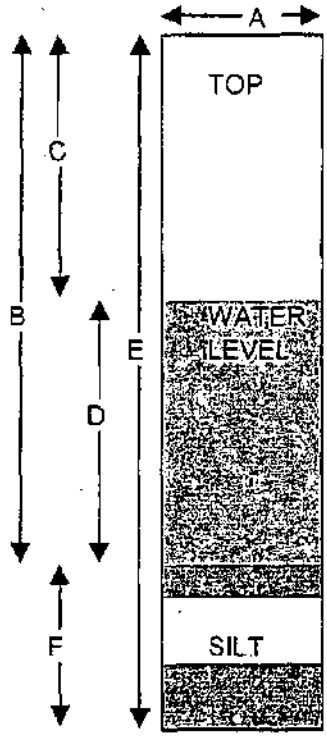
Condition of Well: Good

Locked: YES

Method of Evacuation: SS Bailer

Lock ID:

Method of Sampling: SS Bailer



A.	Diameter of Well	2"	inches
B.	Well Depth Measured	13.03	feet
C.	Depth to Water	6.95	feet
D.	Length of Water Column (calculated)	6.08	feet
	Conversion Factor	X.16	------
	Well Volume (calculated)	0.9728	gallons
	No. of Volumes to be Evacuated	x3	------
	Total Volume to be Evacuated	2.9184	gallons
	Actual Volume Evacuated	3	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated	N/A	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	6/29/2007	6/29/2007
Time	8:40 AM	11:05 AM
EH	-143	-125
Temperature	18.8 c	15.1 c
pH	7.7	7.32
Specific Cond.	797	778
Turbidity	76.5	62.4
Dissolved Oxygen	N/A	N/A
Appearance	sl. Orange	cloudy
Weather:	67 f, sun	67 f, sun

Observations: MSD

% Recharge:

Initial Depth to Water	6.95	feet
Recharge Depth to Water	7.01	feet
2nd water column height	99.14	%
1st water column height		

Elevation(Top of Casing)	N/A	feet
G.W. Elevation=	N/A	feet

G.W.Elevation =Top of Case Elev-Total Depth

Sampler: Justin Gibson

Signature: Justin Gibson

FOIL208516

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01 Revised: 2/97

Client: **Metallico**

Project: **Wabash Wells**

Well ID.: **B-290**

ULI ID No. (enter by lab)

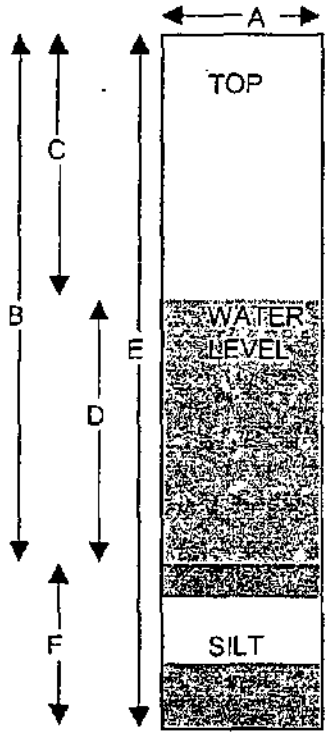
Condition of Well: Good

Locked: YES

Method of Evacuation: SS Bailer

Lock ID:

Method of Sampling: SS Bailer



A.	Diameter of Well	2"	inches
B.	Well Depth Measured	10.26	feet
C.	Depth to Water	4.23	feet
D.	Length of Water Column (calculated)	6.03	feet
	Conversion Factor	X.16	----
	Well Volume (calculated)	0.9648	gallons
	No. of Volumes to be Evacuated	x3	------
	Total Volume to be Evacuated	2.8944	gallons
	Actual Volume Evacuated	3	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated	N/A	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	6/29/2007	6/29/2007
Time	9:10 AM	11:55 AM
EH	-56	-66
Temperature	16.1 c	15.6
pH	8.28	8.1
Specific Cond.	781	701
Turbidity	350	72.3
Dissolved Oxygen	N/A	N/A
Appearance	orange	orange

% Recharge:

Initial Depth to Water	4.23	feet
Recharge Depth to Water	4.25	feet
2nd water column height	99.52	%
1st water column height		

Elevation(Top of Casing)	N/A	feet
G.W. Elevation=	N/A	feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather: 67 f sun 70 f, sun

Observations:

Sampler: Justin Gibson

Signature: Justin Gibson

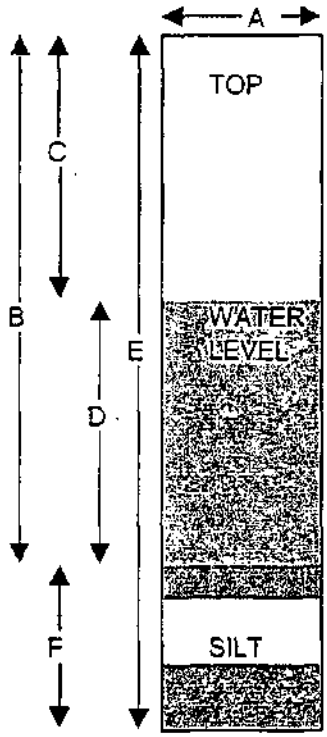
FOIL208517

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01 Revised: 2/97

Client:	Metallico
Project:	Wabash Wells
Well ID.:	B-291
ULI ID No. (enter by lab):	

Condition of Well:	Good	Locked:	YES
Method of Evacuation:	SS Bailer	Lock ID:	
Method of Sampling:	SS Bailer		



A.	Diameter of Well	2"	inches
B.	Well Depth Measured	12.54	feet
C.	Depth to Water	8.9	feet
D.	Length of Water Column (calculated)	3.64	feet
	Conversion Factor	X.16	----
	Well Volume (calculated)	0.5824	gallons
	No. of Volumes to be Evacuated	x3	-----
	Total Volume to be Evacuated	1.7472	gallons
	Actual Volume Evacuated	2	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated	N/A	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	6/29/2007	6/29/2007
Time	9:35 AM	12:45 PM
EH	-152	-135
Temperature	15.4 c	13.4 c
pH	7.76	7.58
Specific Cond.	477	478
Turbidity	23.5	26.4
Dissolved Oxygen	N/A	N/A
Appearance	cloudy	sl. Cloudy

% Recharge:

Initial Depth to Water	8.9	feet
Recharge Depth to Water	8.97	feet
2nd water column height	99.21	%
1st water column height		
Elevation(Top of Casing)	N/A	feet
G.W. Elevation=	N/A	feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather:	67 f, sun	70 f, sun
Observations:		

Sampler:
Justin Gibson

Signature: Justin Gibson

FOIL208518

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01 Revised: 2/97

Client: **Metallico**

Project: **Wabash Wells**

Well ID.: **B-401**

ULI ID No. (enter by lab)

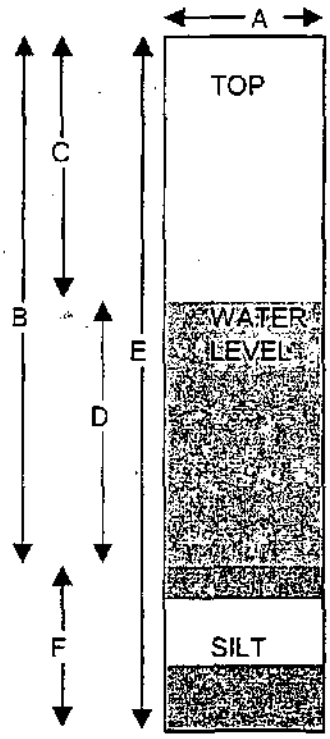
Condition of Well: Good

Locked: YES

Method of Evacuation: SS Bailer

Lock ID:

Method of Sampling: SS Bailer



A.	Diameter of Well	2"	inches
B.	Well Depth Measured	13.03	feet
C.	Depth to Water	8.71	feet
D.	Length of Water Column (calculated)	2.93	feet
	Conversion Factor	X.16	------
	Well Volume (calculated)	0.4688	gallons
	No. of Volumes to be Evacuated	x3	-----
	Total Volume to be Evacuated	1.4064	gallons
	Actual Volume Evacuated	2	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated	N/A	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	6/29/2007	6/29/2007
Time	8:20 AM	10:00 AM
EH	-100	-88
Temperature	16.9 c	16.4 c
pH	7.57	7.46
Specific Cond.	463	441
Turbidity	15.7	7.68
Dissolved Oxygen	N/A	N/A
Appearance	sl. Cloudy	clear

% Recharge:

Initial Depth to Water	8.71	feet
Recharge Depth to Water	8.75	feet
2nd water column height	99.54	%
1st water column height		

Elevation(Top of Casing)	N/A	feet
G.W. Elevation=	N/A	feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather: 67 f, sun 67, sun

Observations:

Sampler: Justin Gibson

Signature: Justin Gibson

FOIL208519

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01 Revised: 2/97

Client: **Metallico**

Project: **Wabash Wells**

Well ID.: **B-402R**

ULI ID No. (enter by lab)

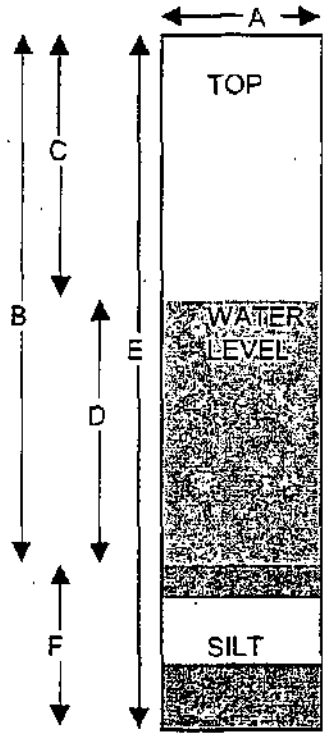
Condition of Well: Good

Locked: YES

Method of Evacuation: SS Bailer

Lock ID:

Method of Sampling: SS Bailer



A.	Diameter of Well	2"	inches
B.	Well Depth Measured	12.24	feet
C.	Depth to Water	4.12	feet
D.	Length of Water Column (calculated)	8.12	feet
	Conversion Factor	X.16	------
	Well Volume (calculated)	1.2992	gallons
	No. of Volumes to be Evacuated	x3	------
	Total Volume to be Evacuated	3.8976	gallons
	Actual Volume Evacuated	4	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated	N/A	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	6/29/2007	6/29/2007
Time	8:50 AM	11:25 AM
EH	-102	-86
Temperature	15.4 c	15.3 c
pH	7.43	8.11
Specific Cond.	1603	1658
Turbidity	102	121
Dissolved Oxygen	N/A	N/A
Appearance	cloudy	cloudy

% Recharge:

Initial Depth to Water	4.12	feet
Recharge Depth to Water	4.18	feet
2nd water column height	98.56	%
1st water column height		

Elevation(Top of Casing)	N/A	feet
G.W. Elevation=	N/A	feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather: 67 f, sun 67 f, sun

Observations:

Sampler: Justin Gibson

Signature: Justin Gibson

FOIL208520

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01 Revised: 2/97

Client: **Metallico**

Project: **Wabash Wells**

Well ID.: **B-403**

ULI ID No. (enter by lab)

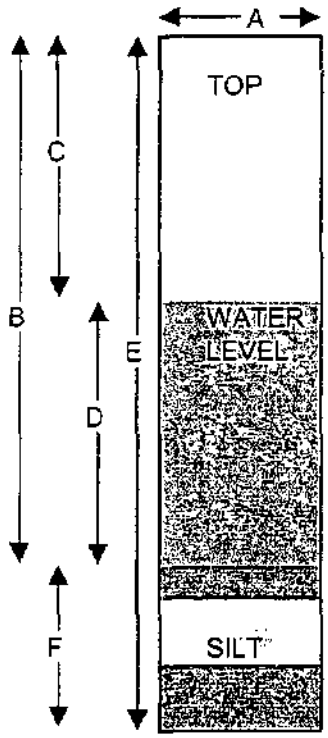
Condition of Well: Good

Locked: YES

Method of Evacuation: SS Bailer

Lock ID:

Method of Sampling: SS Bailer



A.	Diameter of Well	2"	inches
B.	Well Depth Measured	11.26	feet
C.	Depth to Water	3.85	feet
D.	Length of Water Column (calculated)	7.41	feet
	Conversion Factor	X.16	----
	Well Volume (calculated)	1.1856	gallons
	No. of Volumes to be Evacuated	x3	-----
	Total Volume to be Evacuated	3.5568	gallons
	Actual Volume Evacuated	4	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated	N/A	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	6/29/2007	6/29/2007
Time	9:00 AM	11:40 AM
EH	-80	-96
Temperature	16.3 c	15.6 c
pH	8.62	8.41
Specific Cond.	981	822
Turbidity	17.7	9.23
Dissolved Oxygen	N/A	N/A
Appearance	sl. Cloudy	clear

% Recharge:

Initial Depth to Water	3.85	feet
Recharge Depth to Water	3.91	feet
2nd water column height	98.46	%
1st water column height		
Elevation(Top of Casing)	N/A	feet
G.W. Elevation=	N/A	feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather: 67 f, sun 70 f, sun

Observations:

Sampler: Justin Gibson

Signature: Justin Gibson

FOIL208521

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01 Revised: 2/97

Client: **Metallico**

Project: **Wabash Wells**

Well ID.: **B-404**

ULI ID No. (enter by lab)

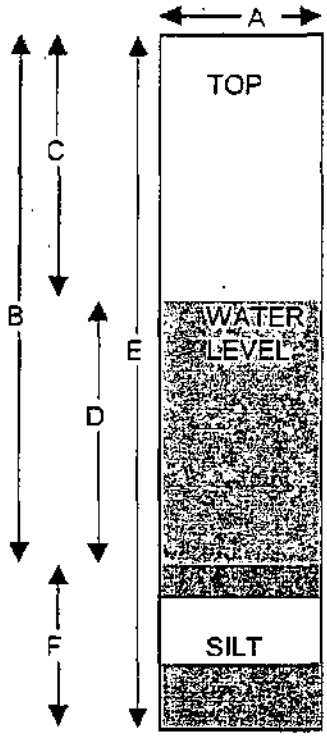
Condition of Well: Good

Locked: YES

Method of Evacuation: SS Bailer

Lock ID:

Method of Sampling: SS Bailer



A.	Diameter of Well	2"	inches
B.	Well Depth Measured	16.14	feet
C.	Depth to Water	6.5	feet
D.	Length of Water Column (calculated)	9.64	feet
	Conversion Factor	X.16	----
	Well Volume (calculated)	1.5424	gallons
	No. of Volumes to be Evacuated	x3	----
	Total Volume to be Evacuated	4.6272	gallons
	Actual Volume Evacuated	5	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated	N/A	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	6/29/2007	6/29/2007
Time	8:30 AM	10:35 AM
EH	-107	-94
Temperature	14.4 c	12.7 c
pH	7.58	7.24
Specific Cond.	380	365
Turbidity	55.6	23.4
Dissolved Oxygen	N/A	N/A
Appearance	orange	cloudy

% Recharge:

Initial Depth to Water	6.5	feet
Recharge Depth to Water	6.54	feet
2nd water column height	99.38	%
1st water column height		

Elevation(Top of Casing)	N/A	feet
G.W. Elevation=	N/A	feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather: 67 f, sun 67 f, sun

Observations: Dupe

Sampler: Justin Gibson

Signature: Justin Gibson

FOIL208522

Upstate Laboratories, Inc. Ground water Field Log

File: TS-30-01 Revised: 2/97

Client: **City of Auburn**

Project: **LF 2 Expansion Wells**

Well ID.: **B-107**

ULI ID No. (enter by lab)

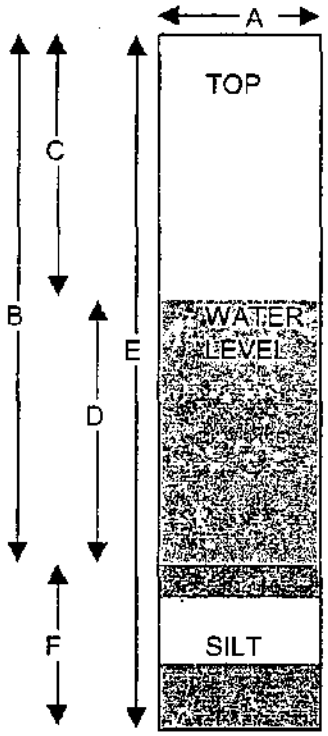
Condition of Well: Good

Locked: NO

Method of Evacuation: SS Bailer

Lock ID:

Method of Sampling: SS Bailer



A.	Diameter of Well	2"	inches
B.	Well Depth Measured	8.78	feet
C.	Depth to Water	1.94	feet
D.	Length of Water Column (calculated)	6.84	feet
	Conversion Factor	X.16	-----
	Well Volume (calculated)	1.0944	gallons
	No. of Volumes to be Evacuated	x3	-----
	Total Volume to be Evacuated	3.2832	gallons
	Actual Volume Evacuated	.4	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated	N/A	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	6/29/2007	6/29/2007
Time	9:25 AM	12:30 PM
EH	-112	-128
Temperature	18.4 c	14.6 c
pH	7.83	7.68
Specific Cond.	499	482
Turbidity	38.4	9.74
Dissolved Oxygen	N/A	N/A
Appearance	cloudy	clear

% Recharge:

Initial Depth to Water	1.94	feet
Recharge Depth to Water	2.03	feet
2nd water column height	95.56	%
1st water column height		
Elevation(Top of Casing)	N/A	feet
G.W. Elevation=	N/A	feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather: 67 f, sun 70 f, sunny

Observations:

Sampler: Justin Gibson

Signature: Justin Gibson

FOIL208523

Upstate Laboratories, Inc. Ground water Field Log File: TS-30-01 Revised: 2/97

Client: **City of Auburn**

Project: **LF 2 Expansion Wells**

Well ID.: **B-108**

ULI-ID No. (enter by lab):

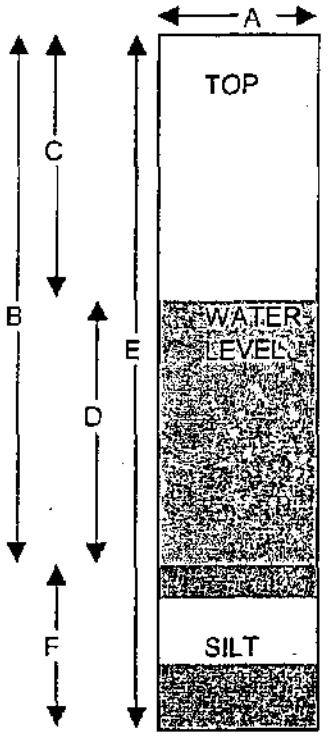
Condition of Well: Good

Locked: NO

Method of Evacuation: SS Bailer

Lock ID:

Method of Sampling: SS Bailer



A.	Diameter of Well	2"	inches
B.	Well Depth Measured	9.24	feet
C.	Depth to Water	2.85	feet
D.	Length of Water Column (calculated)	6.39	feet
	Conversion Factor	X.16	-----
	Well Volume (calculated)	1.0224	gallons
	No. of Volumes to be Evacuated	x3	-----
	Total Volume to be Evacuated	3.0672	gallons
	Actual Volume Evacuated	3.5	gallons
E.	Installed Well Depth (if known)	N/A	feet
F.	Depth of Silt (calculated	N/A	feet

Field Measurements	Initial Evacuation	Final Sampling
Date	6/29/2007	6/29/2007
Time	9:20	12:15 PM
EH	-136	-124
Temperature	17.4 c	14.2 c
pH	7.29	7.22
Specific Cond.	996	1012
Turbidity	94	56.3
Dissolved Oxygen	N/A	N/A
Appearance	brown/cloudy	cloudy

% Recharge:

Initial Depth to Water	2.85	feet
Recharge Depth to Water	2.88	feet
2nd water column height	98.95	%
1st water column height		

Elevation(Top of Casing)	N/A	feet
G.W. Elevation=	N/A	feet

G.W.Elevation =Top of Case Elev-Total Depth

Weather: 67 f, sun 70 f, sunny

Observations:

Sampler: Justin Gibson

Signature: Justin Gibson

FOIL208524

Upstate Laboratories, Inc. Chain of Custody Record

6034 Corporate Drive E. Syracuse New York 13057
Phone (315) 437 0255 Fax (315) 437 1209

Client: METALICO SYRACUSE, INC. [redacted]

Project # / Project Name: SEMI-ANNUAL METALICO WELLS

Client Contact: SCOTT OVERHOFF (716) 667-3130 [redacted]

Location (city/state) Address: SYRACUSE, NY

Sample ID	Date	Time	Matrix	GRAB OR COMP	ULI Internal Use Only U0706558	Number of Containers	1	2	3	4	5	6	7	8	9	10	Remarks
MW-8R	6/29/07	9:45a	H2O	GRAB	-1	3	X	X	X							X	
B281	6/29/07	11:05	H2O	GRAB	-2	5			X	X	X					X	MS/MSD
B290	6/29/07	11:55a	H2O	GRAB	-3	3	X	X	X							X	
B291	6/29/07	12:45p	H2O	GRAB	-4	3			X					X	X	X	
B401	6/29/07	10:00a	H2O	GRAB	-5	3	X	X	X							X	
B402	6/29/07	11:25a	H2O	GRAB	-6	3	X	X	X							X	
B403	6/29/07	11:40a	H2O	GRAB	-7	3	X	X	X							X	
B404	6/29/07	10:35a	H2O	GRAB	-8	3	X	X	X							X	
B107	6/29/07	12:30p	H2O	GRAB	-9	2						X	X			X	
B108	6/29/07	12:15p	H2O	GRAB	-10	2						X	X			X	
B404 DUPE	6/29/07	10:35a	H2O	GRAB	-11	3	X	X	X								
EQUIPMENT BLANK	6/29/07	8:00a	H2O		-12	3	X	X	X								
FILTER BLANK			H2O			D											

	Parameter and Method	Sample bottle: Type	Size	Preservative
1	T-PB*	PLASTIC	500 ML	HNO3
2	D-PB*	PLASTIC	500 ML	HNO3
3	PCB (EPA 8082)	GLASS	1000 ML	NONE
4	T-AS,BA,PB*	PLASTIC	500 ML	HNO3
5	D-AS,BA,PB*	PLASTIC	500 ML	HNO3
6	T-BA	PLASTIC	500 ML	HNO3
7	D-BA	PLASTIC	500 ML	HNO3
8	T-AS,PB*	PLASTIC	500 ML	HNO3
9	D-AS,PB*	PLASTIC	500 ML	HNO3
10	FIELD PH, COND	N/A	N/A	N/A

Sampled by (Print): Justin Gibson
Company: ULI

Name of Courier

Relinquished by:(sign)	Date	Time	Received by: (sign)

Relinquished by:(sign)	Date	Time	Received by: (sign)

Relinquished by:(sign)	Date	Time	Rec'd for Lab by:
Justin Gibson	6/29/07	3:30p	[illegible]

Syracuse Rochester Buffalo Albany Binghamton Fair Lawn (NJ)

FOIL208525