



April 11, 2006

Ms. Kate Emery
New York State Department
of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

RE: Commercial PCB Storage Area Closure
GE Energy
175 Milens Road
Tonawanda, New York

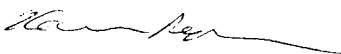
Dear Ms. Emery,

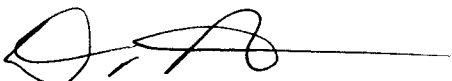
GE Energy (GE) formally requests NYSDEC approve the final closure of the Commercial PCB Storage Area that GE previously operated at their facility at 175 Milens Road in Tonawanda, New York. While the authority to store commercial PCB wastes was issued by the United States Environmental Protection Agency (USEPA) under the Toxic Substance Control Act (TSCA), GE's *6NYCRR Part 373 Hazardous Waste Management Permit (373 Permit)* also covers the Commercial PCB Storage Area. On behalf of GE, URS Corporation – New York (URS) has prepared the attached *Commercial PCB Storage Area Closure Certification Report (Certification Report)*, which documents that final closure has been completed in accordance with the approved closure plan. The *Certification Report* includes the certifications by the owner or operator and an independent professional engineer, as required by 40 CFR 761(e)(8) and 40 CFR 761.3.

As you are aware, the site's existing *373 Permit* will expire on June 1, 2006. Because closure activities for the units permitted under the *373 Permit* are complete, GE is seeking a Corrective Measures permit for the site. In order to facilitate NYSDEC's approval of closure of the PCB storage area, we have attached correspondence from the USEPA, dated March 1, 2006, in which they indicate that the activities GE has conducted at the site are sufficient for closure, pending certification of the activities.

If you have any questions regarding this material, please contact Ms. Dawn Varacchi-Ives of GE at (508) 836-6728 or Ms. Karen Peppin of URS at (518) 688-0015.

Very truly yours,
URS Corporation – New York


Karen Peppin
Project Engineer


Don Porterfield, P.E.
Environmental Manager, Clifton Park

Attachment: *Commercial PCB Storage Area Closure Certification Report*
Letter from USEPA, dated March 1, 2006.

cc: Steve Malsan – NYSDEC
Dawn Varacchi-Ives – GE
Anthony Hejmanowski – GE

URS Corporation
28 Corporate Drive, Suite 200
Clifton Park, NY 12065
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Division of Solid & Hazardous Materials

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April 11, 2006

Mr. Alan Steinberg
USEPA – Region 2
Raritan Depot
2890 Woodbridge Avenue
Edison, New Jersey 08837-3679

RE: Commercial PCB Storage Area Closure
GE Energy
175 Milens Road
Tonawanda, New York

Dear Mr. Steinberg,

GE Energy (GE) formally requests USEPA provide final closure approval for the Commercial PCB Storage Area that GE previously operated at their facility at 175 Milens Road, Tonawanda, New York. On behalf of GE, URS Corporation – New York (URS) has prepared the attached *Commercial PCB Storage Area Closure Certification Report (Certification Report)*, which documents that final closure has been completed in accordance with the approved closure plan. The *Certification Report* includes the certifications by the owner or operator and an independent professional engineer, as required by 40 CFR 761(e)(8) and 40 CFR 761.3. GE understands that final closure approval from the USEPA releases GE from financial assurance requirements per 40 CFR 761.65(g), and annual reporting requirements per 40 CFR 761.180(b)(3)(vii).

The *Certification Report* also provides documentation of remedial measures GE has undertaken at the facility to address historical PCB impacts. These measures do not directly relate to closure of Commercial PCB Storage Area. Based on USEPA's 1 March 2006 letter, GE understands that USEPA will not issue formal closure of the areas outside the Commercial PCB Storage Permit, but does concur that these areas have been appropriately addressed and released for continued use under the provisions of the Toxic Substance Control Act (TSCA). Should GE choose to remove the floor of the building or the exterior asphalt at a later date, the generated wastes will be properly characterized and disposed.

If you have any questions regarding this material, please contact Ms. Dawn Varacchi-Ives of GE at (508) 836-6728 or Ms. Karen Peppin of URS at (518) 688-0015.

Very truly yours,
URS Corporation – New York

Karen Peppin
Project Engineer

Don Porterfield, P.E.
Environmental Manager, Clifton Park

Attachment: *Commercial PCB Storage Area Closure Certification Report*

cc: Dan Kraft – USEPA Region 2
Steve Malsan – NYSDEC
Kate Emery – NYSDEC
Dawn Varacchi-Ives – GE
Anthony Hejmanowski – GE

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GE ENERGY
TONAWANDA, NEW YORK

**CLOSURE CERTIFICATION REPORT
COMMERCIAL PCB STORAGE AREA**

**INSPECTION AND REPAIR SERVICE CENTER
TONAWANDA, NEW YORK**

April 11, 2006

Prepared By:

URS

URS Corporation
28 Corporate Drive, Suite 200
Clifton Park, New York 12065

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ENGINEERING CERTIFICATION

I, Don Porterfield, a Professional Engineer in the State of New York, hereby certify that the closure activities for the Commercial PCB Storage Area for the GE Energy facility at 175 Milens Road, Tonawanda, New York have, to the best of my knowledge and belief, been completed in accordance with the applicable provisions of the *Revised Closure Plan* (URS Corporation – New York, June 28, 2000), except as described in this report.

This conclusion is based on my detailed review of the documentation of the work performed, observations made by URS Corporation – New York employees, information provided by URS Corporation subcontractors, and information provided by the remediation contractor for the project, MARCOR Environmental, Inc.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

By  Date Apr - 11 - 2006

New York Professional Engineer License No. 071402

Don Porterfield
URS Corporation – New York
28 Corporate Drive, Suite 200
Clifton Park, New York 12065



(518) 688-0015


OPERATOR CERTIFICATION

I, Michael Higgins, Service Center Manager for the GE Energy Tonawanda Inspection and Repair Service Center, hereby certify that the closure activities for the Commercial PCB Storage Area for the GE Energy facility at 175 Milens Road, Tonawanda, New York have, to the best of my knowledge and belief, been completed in accordance with the applicable provisions of the *Revised Closure Plan* (URS Corporation – New York, June 28, 2000), except as described in this report.

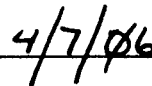
This conclusion is based on my personal observations, detailed review of the documentation of the work performed, observations made by URS Corporation – New York employees, information provided by URS Corporation subcontractors, and information provided by the remediation contractor for the project, MARCOR Environmental, Inc.

Under civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 U.S.C. 1001 and 15 U.S.C. 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to the identified section(s) of this document for which I cannot personally verify truth and accuracy, I certify as the company official having supervisory responsibility for the persons who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.

By



Date



Michael Higgins
Service Center Manager
GE Energy
175 Milens Road
Tonawanda, New York 14150
716.871-7231

1.0 INTRODUCTION

On behalf of GE Energy (GE), URS Corporation – New York (URS) has prepared this *Commercial PCB Storage Area Closure Certification Report (Certification Report)* for the Commercial PCB Storage Area at GE's Tonawanda Inspection and Repair Service Center. This work was conducted in general accordance with the *Revised Closure Plan (RCP)*, dated June 28, 2000, which is provided in Appendix A. The *RCP* was approved by the Environmental Protection Agency (USEPA) in a letter dated June 29, 2000 (Appendix B).

In 1995, USEPA issued an approval for GE to operate their Tonawanda shop as a commercial storage facility for PCB wastes (Appendix C). The approval, which was issued by the USEPA under TSCA, expired on July 31, 2000.

In New York State, the Resource Conservation and Recovery Act (RCRA) program, which regulates hazardous wastes, is administered by the New York State Department of Environmental Conservation (NYSDEC). A *6NYCRR Part 373 Hazardous Waste Management Permit (373 Permit)*, was issued by the NYSDEC for the Tonawanda service shop in May 1996 and also covers the Commercial PCB Storage Area. NYSDEC's acceptance of the *RCP* was provided in a letter dated September 11, 2000 (Appendix D).

During implementation of the *RCP*, GE identified impacts to the facility outside of the PCB storage area. These impacts appear to be from historical (pre-TSCA) poor housekeeping practices, and not directly related to the Commercial PCB Storage Area. GE has conducted work beyond the scope of the *RCP* in general accordance with the *RCP* and the provisions of Toxic Substance Control Act (TSCA). This *Certification Report* describes the steps GE has taken to close their Commercial PCB Storage Area in accordance with the *RCP*, as well as the additional measures GE has taken to address historical contamination identified during closure activities.

Section 2.0 describes the site and provides other background information regarding the site. Section 3.0 describes the objectives of the *RCP*. Section 4.0 provides an overview of the closure process and Section 5.0 provides the detailed description of the closure procedures. Section 6.0 describes the actions taken to address historical contamination identified during closure activities and Section 7.0 presents the conclusions.

2.0 BACKGROUND

GE's Tonawanda Inspection and Repair Service Center is at 175 Milens Road in Tonawanda, New York. As shown in Figure 1, the shop is in an urban area that includes some commercial business and other industries. GE built the slab-on-grade building at the site in 1968 and 1969, and expanded the building in 1978. GE uses the service center, which is also known as the Buffalo Service Shop, to repair industrial equipment, such as electric motors, transformers, turbines, pumps, and compressors.

GE generates hazardous wastes during operations at the shop. GE also formerly received liquids, solids, and other articles containing PCBs from customers and other GE facilities for repair or storage prior to shipment for off-site disposal or treatment at facilities with the appropriate permits.

GE managed the PCB wastes in the southeast corner of the building (see Figure 2). GE managed other hazardous wastes in a RCRA Container Storage Area along the east side of the building. The remainder of this section provides background information about these two areas, as well as a summary of the RCRA Corrective Actions that GE has conducted at the site.

2.1 EPA APPROVED COMMERCIAL PCB STORAGE

Prior to August 2000, GE operated an approved commercial PCB storage area inside their Tonawanda service center. GE has used the PCB storage area to service PCB-containing equipment and to store PCB wastes generated by activities at the shop prior to shipping the PCB wastes to appropriately licensed off-site disposal facilities. As shown in Figure 2, the Commercial PCB Storage Area, which is comprised of three areas (PCB work area, PCB container storage area, and PCB drum storage area), was in the southeast corner of the shop.

In 1994, GE deactivated the PCB drum storage area and the northern portion of the work area. The December 15, 1994 letter report (*Deactivation Report*) by ERM that describes and certifies the deactivation activities was submitted to USEPA and is included in Appendix A. In their June 9, 1995 approval letter, entitled *Notice of Issuance of Approval of General Electric Company Tonawanda Service Center Tonawanda, New York NYD067539940 As a Commercial Storer of PCB waste*, the USEPA stated that "If an area is not used again for storage of PCB waste, the decontamination activities described in GE's December 15, 1994 report will generally not be required to be repeated for final closure." A copy of the approval is provided in Appendix C.

Based on discussions with GE, URS understands that GE has not used the northern portion of the PCB work area or the PCB drum storage area for either the handling or storage of PCB wastes since those areas were deactivated in 1994. Therefore, the *Revised Closure Plan (RCP)*, dated June 28, 2000, which was approved by the USEPA

on June 29, 2000, addressed only the approximately 1,400 square foot active PCB Container Storage Area (PCB CSA) shown in Figure 2.

2.2 HAZARDOUS WASTE STORAGE

GE operated a RCRA Container Storage Area (RCRA CSA) in a covered area adjacent to the east side of their Tonawanda service center building (Figure 2) until initiating closure of the unit in 2002. The RCRA CSA was subject to a *373 Permit* issued by NYSDEC and a *Hazardous and Solid Waste Amendments (HSWA) of 1984 Permit* issued by USEPA. The RCRA CSA was closed in general accordance with the NYSDEC approved *Revised RCRA Closure Plan*, dated January 4, 2002. Closure activities were documented in the *RCRA Closure Certification Report*, which was submitted to NYSDEC and USEPA on September 19, 2002. The *373 Permit* also encompasses the Commercial PCB Storage Area because PCBs are managed as hazardous wastes in New York State. NYSDEC notified GE in a letter, dated April 3, 2006, that the RCRA SCA is officially considered closed.

2.3 RCRA CORRECTIVE ACTION

In accordance with the terms of the *373 Permit*, GE has begun Corrective Action at the site. Under RCRA, Corrective Actions are to be implemented wherever they are necessary, including areas beyond the boundaries of the facility. Corrective Actions include a RCRA Facility Assessment (RFA), a RCRA Facility Investigation (RFI), and, if needed, Corrective Measures. GE completed the RFA in 1988, the RFI in 1998, and the CMS in 2000. In a letter dated February 18, 2003, NYSDEC approved the *Revised Corrective Measure Study Final Report*, which was dated July 31, 2001. Based on conversations with NYSDEC, GE understands that NYSDEC will issue a corrective measures permit to replace the existing *373 Permit*, which expires June 1, 2006.

3.0 OBJECTIVES

The objective of this *Commercial PCB Storage Area Closure Certification Report* is to document that the closure of the Commercial PCB Storage Area at the GE Inspection and Repair Center at 175 Milens Road has been completed in general accordance with the USEPA-approved *Revised Closure Plan*, dated June 28, 2000. The instances in which the work deviated from the plan are noted and discussed. This report also documents that PCB impacts to areas beyond the storage area that are not being addressed under GE's ongoing RCRA Corrective Action have been addressed in a manner consistent with the procedures outlined in the Toxic Substance Control Act (TSCA).

The objective of the *Revised Closure Plan* was to ensure that surfaces of the facility that may have been impacted by GE's operations as a commercial PCB storer were cleaned in accordance with the levels specified in 40 CFR Part 761 Subpart G – PCB Spill Cleanup Policy.

Specifically, the cleanup objectives specified in the *RCP* were:

Media	Location	Cleanup Objective for PCBs
Surfaces	Indoor solid surfaces and high contact outdoor solid surfaces	10 µg/100 cm ²
Surfaces	Indoor vault areas and low-contact, out door impervious solid surfaces	10 µg/100 cm ²
Surfaces	Low-contact , outdoor, impervious solid surfaces	10 µg/100 cm ² or 100 µg/100 cm ² and encapsulated
Soil	Less than 10 inches below surface	1 mg/kg
Soil	More than 10 inches below surface	10 mg/kg

As discussed in Section 5.0, GE conducted additional investigations of the shop floor and the paved parking area south of the shop after the results from the initial sampling in the at-grade truck bay adjacent to the PCB CSA and the transportation corridor indicated the presence of PCBs. Based on the distribution of PCBs throughout the shop floor and the parking area, it appears that PCB impacts in these areas are likely attributable to historical poor housekeeping practices at the shop and are not specifically related to releases from the Commercial PCB Storage Area. These historical impacts were addressed to allow continued use of the PCB-impacted shop floor as authorized in 40 CFR Part 761.30(p) and to allow continued use of the asphalt south of the shop as a low occupancy area (40 CFR Part 761.61(a)(4)(i)(B)).

4.0 SCOPE OF WORK

This section summarizes the scope of work described in the *RCP* for closure of the Commercial PCB Storage Area. This section also provides descriptions of the sample collection and analysis that were included in the *RCP* (Appendix A).

4.1 SUMMARY OF CLOSURE ACTIVITIES

The scope of the PCB area closure activities defined in the *RCP* included these eight tasks:

- Dispose final waste;
- Clean PCB area;
- Collect wipe samples from PCB area;
- Collect concrete chip samples from adjacent truck bay and depressed dock;
- Collect asphalt chip samples from transportation corridor;
- Conduct additional investigation to define extent of PCB impacts to transportation corridor;
- Conduct additional investigation to define extent of PCB impacts to shop floor; and
- Dispose closure derived waste.

The actions that GE undertook to conduct these tasks are described in Section 5.0.

Section 6.0 describes these two additional tasks that GE undertook to address historical PCB impacts that do not appear to be related to releases from the PCB CSA:

- Remove surface asphalt from transportation corridor; and
- Clean and coat shop floor with two layers of contrasting colored epoxy.

GE retained Marcor Environmental of Rochester, New York to act as the remediation contractor for cleaning the PCB CSA. GE handled disposal of the final stored waste and waste generated during closure activities. GE retained The Pike Company to act as the remediation contractor for cleaning and coating the shop floor and SLC Environmental Services to act as the remediation contractor for removing PCB-impacted surface asphalt from the transportation corridor and surrounding parking lot. URS provided construction oversight of the closure activities, conducted the additional investigation activities, provided construction oversight of the additional remedial activities, and prepared this certification report.

4.2 SAMPLE COLLECTION, ANALYSIS, AND DOCUMENTATION

In addition to providing construction oversight, URS collected confirmatory wipe samples from the cleaned PCB area and conducted investigations to evaluate the extent of PCB impacts on the shop floor and the transportation corridor. The sample collection

and analytical procedures used during the closure activities conformed with the *RCP* except as noted in Section 5.0.

4.2.1 Sampling Protocol

This section describes the planned protocol to be followed for each of the sample types that may be collected during closure. The *RCP* called for each sample to be assigned a unique sample identification related to the location from which it was collected and sample type. If an obstruction prevented the collection of any sample from a designated location, the location was to be adjusted in the field, and the sample collected as close as practical to the designated location.

The *RCP* called for all sampling equipment to be decontaminated between sampling locations. The core barrel, hand auger, and any other non-disposable sampling equipment was to be washed with liquinox, rinsed with distilled water, then washed with hexane, and rinsed with distilled water.

Wipe Samples

The *RCP* included collection of wipe samples from non-porous surfaces and from epoxy-coated concrete surfaces. Wipe samples were to be collected by framing the surface to be sampled with a ten centimeter by ten centimeter template and systematically wiping the area using a pad moistened with hexane. The solvent-moistened pad was to be wiped twice, once vertically and once horizontally, over the entire area to be sampled. Duplicate wipe samples were to be collected immediately adjacent to the original sampling location. The samples were to be submitted to the analytical laboratory under proper chain of custody for PCB analyses.

Chip Samples

The *RCP* included collection of chip samples from non-coated concrete and asphalt surfaces. Chip samples were to be removed from the paved area or from cores drilled through the paved area. The samples were to be crushed and placed in clean bottles provided by the laboratory. The sample bottles were to be capped, labeled, and placed in a cooler for transport under proper chain-of-custody.

Core Samples

If the analytical results from chip samples indicated further investigation was warranted, core samples were to be collected from either concrete or asphalt paved areas. The core sampling procedures described in the *RCP* called for using a coring machine equipped with a diamond edged core barrel to core through solid surfaces. The core barrel would have a minimum diameter of four inches to allow soil samples to be collected through the hole. The core samples were to be split into one-inch intervals at the laboratory. The core barrel was to be decontaminated between sample locations using the procedures outlined above.

Soil Samples

If the analytical results from chip samples, either asphalt or concrete, indicated further investigation was warranted, a paved surface would be cored, and soil samples would be collected. Soil samples were to be collected from borings installed using a hand auger. The borings would be advanced to a maximum of three feet below the base of the slab. Soil samples would be collected at one foot and three feet below the base of the slab. The analyses for the samples collected at three feet below the base of the slab would be held pending the results of the samples from one foot below the slab. Residual soil would be used to backfill the soil boring. The concrete or asphalt surface would be patched.

4.2.2 Analyses

The *RCP* called for the samples to be transferred to containers provided by the analytical laboratory, and submitted under proper chain of custody for PCB analyses. All samples collected during the closure were to be analyzed for PCBs using USEPA Method 8082.

4.2.3 Quality Control and Quality Assurance

The *RCP* called for the collection and analysis of field blanks and duplicate samples for QA/QC purposes. Field blanks were to be collected for each day of sampling. Duplicate samples were to be collected at a rate of one duplicate sample per 20 samples for each type of sample collected.

5.0 CLOSURE ACTIVITIES

This section describes the closure activities that GE has conducted at this site. The scope of the PCB area closure activities included these eight tasks:

- Task 1 - Dispose final waste;
- Task 2 - Clean PCB CSA, truck bay, and depressed dock;
- Task 3 - Collect wipe samples from PCB CSA;
- Task 4 - Collect concrete chip samples from truck bay and depressed dock;
- Task 5 - Collect asphalt chip samples from transportation corridor;
- Task 6 - Conduct additional investigation to define extent of PCB impacts to transportation corridor;
- Task 7 - Conduct additional investigation to define extent of PCB impacts to shop floor; and
- Task 8 - Dispose closure derived waste.

The remainder of this section discusses each of these tasks and notes any procedural exceptions to the approved closure plan. Laboratory analytical reports for PCB sampling are provided in Appendix E.

During the sampling required by the *RCP*, PCBs were found to have impacted the shop floor and the paved area south of the shop. Remedial measures to address these historical PCB impacts are described in Section 6.0.

5.1 TASK 1 - DISPOSE FINAL WASTE

GE personnel handled disposal of the last waste stored in the PCB Container Storage Area. The final waste stored in the PCB CSA was disposed during the course of normal operations, prior to initiating closure activities. The waste was disposed at properly licensed off-site facilities.

5.2 TASK 2 - CLEAN PCB CSA, TRUCK BAY, AND DEPRESSED DOCK

On November 14, 2000, Marcor Environmental mobilized to the service shop and began cleaning the PCB Container Storage Area. Between November 15 and 17, 2000, the at-grade truck bay adjacent to the PCB CSA and the depressed dock were cleaned. URS personnel were at the shop on November 14, 15, and 17, 2000 to document cleaning activities and collect samples (Task 3).

Marcor began by vacuuming each area to remove loose dirt. Each area was pre-washed; all wash fluids were contained and a vacuum was used to pick up the fluids. Next, Marcor applied a capture material (Capsur) and thoroughly scrubbed all surfaces. A specialized industrial soap (Neugenix) was applied, and then the area was pressure washed. All fluids were contained and picked up with a vacuum. Waste generated

during cleaning activities was drummed for later disposal at an appropriately licensed off-site facility (Task 8).

5.3 TASK 3 - COLLECT WIPES SAMPLES FROM PCB CSA

URS collected eleven wipe samples (W-1 through W-11) and one duplicate sample (W-12) from the PCB CSA on November 15, 2000. The PCB CSA was a bermed area with epoxy coated concrete floors. Field observations indicated that the integrity of the floor and the coating were both good.

The eleven wipe sample locations were selected based on randomly generated numbers. No discretionary samples were collected because field observations did not identify any locations meeting the requirements for discretionary sampling outlined in the *RCP*. Sampling was conducted in accordance with the procedures presented in the *RCP* and summarized in Section 4.0. Figure 3 shows the wipe sample locations.

None of the analytical results for the 12 wipe samples collected from the PCB CSA were greater than the cleanup objective of 10 micrograms per 100 square centimeters ($\mu\text{g}/100\text{ cm}^2$) for PCBs. The analytical results for the wipe samples are summarized in Table 1.

5.4 TASK 4 - COLLECT CONCRETE CHIP SAMPLES FROM TRUCK BAY AND DEPRESSED DOCK

URS collected samples from the at-grade truck bay adjacent to the PCB CSA and the depressed dock after the initial cleaning activities described in Section 5.2 were completed.

5.4.1 At-Grade Truck Bay

The at-grade truck bay adjacent to the PCB CSA is approximately 70 feet by 15 feet. The floor is concrete and was reportedly once coated with epoxy. No evidence of an epoxy coating was noted, so the floor was treated as a porous surface. Field observations indicate that the floor had some small cracks but was not heavily cracked. Staining was observed in two areas. Because the concrete floor was no longer coated, chip samples were collected instead of wipe samples.

URS collected four chip samples (BCE-1 through BCE-4) from the at-grade truck bay on November 17, 2000. Two sample locations (BCE-3 and BCE-4) were selected randomly, and two discretionary samples (BCE-1 and BCE-2) were collected from stained areas. Figure 4 shows the sampling locations.

The four chip samples were analyzed for PCBs. The analytical results are summarized in Table 2. The analytical results for all four of the chip samples exceeded the cleanup objective of one milligram per kilogram (mg/kg) for PCBs. Therefore, in accordance with the *RCP*, additional investigation was required for this area. The additional investigation is described in Section 5.7.

Sampling was conducted in accordance with the procedures presented in the *RCP* and summarized in Section 4.0 except that the equipment used to collect the chip samples was not rinsed with hexane. Equipment rinse blank results are summarized in Table 3. As shown in Table 3, PCBs were not detected in the equipment rinse blank (R-1). Thus, URS does not believe utilizing alternate decontamination procedures is a substantive variance from the procedures in the *RCP*.

5.4.2 Depressed Loading Dock

The depressed loading dock is approximately 14 feet wide by 50 feet long. The floor is concrete and was found to be heavily cracked and stained. Several of the cracks were deep and fairly major. Because the floor was not epoxy coated, concrete chip samples were collected.

URS collected six samples (BCW-1 through BCW-6), including one duplicate sample (BCW-6), from the depressed dock on November 17, 2000. Three discretionary samples (BCW-1, BCW-3, and BCW-5) were collected from stained areas and the other two sample locations were selected randomly. Figure 5 shows the sampling locations.

The six concrete chip samples were analyzed for PCBs. The analytical results are summarized in Table 2. The analytical results for five of the six concrete chip samples exceeded the cleanup objective of 1 mg/kg for PCBs. Therefore, in accordance with the *RCP*, additional investigation was undertaken for this area. The additional investigation is described in Section 5.7.

Sampling was conducted in accordance with the procedures presented in the *RCP* and summarized in Section 4.0 except that the equipment used to collect the chip samples was not rinsed with hexane. Equipment rinse blank results are summarized in Table 3. As shown in Table 3, PCBs were not detected in the equipment rinse blank (R-1). Thus, URS does not believe utilizing alternate decontamination procedures is a substantive variance from the procedures in the *RCP*.

5.5 TASK 5 - COLLECT ASPHALT CHIP SAMPLES FROM TRANSPORTATION CORRIDOR

The transportation corridor is an "L" shaped paved area that is approximately 45 feet wide. The corridor extends approximately 295 feet east from the entrance gate on Milens Road to the at-grade truck bay adjacent to the PCB CSA. The transportation corridor is part of a larger paved area that extends from the south wall of the building south to the fence line.

URS collected six asphalt chip samples (AC-1 through AC-6) from the transportation corridor on November 17, 2000. The sample locations were approximately 60 feet apart. Figure 6 shows the sampling locations.

The six asphalt chip samples were analyzed for PCBs. The analytical results are summarized in Table 4. Five of the six asphalt samples had concentrations of PCBs

greater than the cleanup objective of 1 mg/kg. Therefore, in accordance with the *RCP*, additional investigation was undertaken for this area. The additional investigation is described in Section 5.6.

Sampling was conducted in accordance with the procedures presented in the *RCP* and summarized in Section 4.0, except that the equipment used to collect the chip samples was not rinsed with hexane. Equipment rinse blank results are summarized in Table 3. As shown in Table 3, PCBs were not detected in the equipment rinse blank (R-1). Thus, URS does not believe utilizing alternate decontamination procedures is a substantive variance from the procedures in the *RCP*.

5.6 TASK 6 - CONDUCT ADDITIONAL INVESTIGATION TO DEFINE EXTENT OF PCB IMPACTS TO TRANSPORTATION CORRIDOR

In accordance with the *RCP*, GE and URS developed and implemented a sampling plan to evaluate the extent of PCB impacts to pavement south of the service shop. The plan included:

- Establishing a 30-foot by 30-foot grid over the pavement south of the shop;
- Collecting eleven asphalt chip samples and one duplicate sample for PCB analysis from the grid nodes on either side of the transportation corridor;
- Coring the pavement at the locations where the two highest concentrations of PCBs were detected in the initial sampling effort, and slicing the cores into one-inch wafers for PCB analysis to evaluate the depth of impact; and
- Collecting soil samples for PCB analysis from the 0- to 1-foot and 1- to 2-foot depth intervals at each core location.

On May 23 and 24, 2001, URS established the grid and collected the additional asphalt and soil samples. Samples were collected in general accordance with the *RCP*, except that the soil samples were collected with a JMC Earth Probe rather than a hand auger and the sampling equipment was not rinsed with hexane. For the asphalt core samples and soil samples, the shallower samples were analyzed, and the deeper samples were archived pending the results of the shallower samples.

Each sample was assigned a unique identification. The identifications have up to four parts. The first part of the identification signifies the general area, the second part provides the sampling grid location, the third part notes the type of sample, and if applicable, a depth notation. For example, sample TC-11.5-C-5-AC-1-2" was collected from the transportation corridor (TC) at a location midway between grid columns 11 and 12 (11.5), and grid rows C and D (C-5). This sample was an asphalt chip (AC) sample collected from 1 to 2 inches below grade (1-2").

The sampling locations are shown in Figure 6 and the sampling results are summarized in Tables 4 and 5. Equipment rinse blank results are summarized in Table 3. As shown in Table 3, PCBs were not detected in the rinse blank sample (TC-AC-RB). Therefore, URS does not believe utilizing alternate decontamination procedures is a substantive variance from the procedures in the *RCP*.

As shown in Table 4, PCBs were detected in 11 of the 12 asphalt chip surface samples. PCB concentrations exceeded the cleanup objective of 1 mg/kg at eight of the surface sampling locations.

On May 23, 2001, URS cored the asphalt near the two locations with the highest concentration of PCBs from the initial sampling. The eight-inch thick asphalt cores were sliced into one-inch thick wafers. Four asphalt samples from each core that represented the one-inch to five-inch depths were submitted for PCB analysis, and the deeper samples were archived. As shown in Table 5, PCBs were not detected in these eight samples (TC-11.5-C-5-AC-1-2" to 4-5" and TC-2.5-A-5-AC-1-2" to 4-5"). Four soil samples (TC-11.5-C-5-SS-0-1' and 1-2', TC-11.5-C-5-SS-0-1'-DUP, and TC-2.5-A-5-SS-0-1') collected beneath the asphalt were also submitted for PCB analysis. As shown in Table 5, PCBs were not detected in the soil samples.

After evaluating the analytical results and potential remedial measures, GE elected to address the PCB impacts by removing and replacing the top inch of asphalt. In accordance with the *RCP*, a plan was developed and reviewed with USEPA. Section 6.1 describes the remedial measures conducted in and near the transportation corridor.

5.7 TASK 7 - CONDUCT ADDITIONAL INVESTIGATION TO DEFINE EXTENT OF PCB IMPACTS TO SHOP FLOOR

GE conducted additional investigations to evaluate the extent of the PCB impacts to the shop floor. In all, seven rounds of sampling were conducted between November 2000 and March 2004. In general, sampling began adjacent to the at-grade truck bay and stepped out by extending the 10-foot by 10-foot grid that was used for sampling the truck bay. Figure 7 shows the sampling locations.

Samples were assigned a unique identification with up to four parts. The first part of the identification signifies the general area, with DD used for the depressed dock sample grid and TB used for the at-grade truck bay sample grid, which was ultimately expanded to include the whole shop floor. The second part provides the sampling grid location, the third part notes the type of sample, and if applicable, a depth notation. For example, sample TB-7-G-CC was collected from the at-grade truck bay (TB) at grid coordinates 7 and G. This sample was a concrete chip sample (CC) collected from the surface of the slab. Soil samples were assigned SS and wipe samples were assigned a W.

The investigation of the shop floor included collection of concrete chip samples and wipe samples from the surface of the shop floor, concrete core samples through the floor slab, and soil samples from beneath the floor slab. Sampling was conducted in general accordance with the procedures specified in the *RCP* and summarized in Section 4.0

except that the non-disposable equipment used to collect the samples was not rinsed with hexane. In addition, the method to procure the soil samples from beneath the concrete slab had to be modified in the field as described below. The samples were submitted to Severn Trent Laboratories of Amherst, New York for PCB analysis. Tables 2, 6, and 7 summarize the sample analytical results and Table 3 summarizes the equipment rinsate blank results. As shown in Table 3, PCBs were not detected in the equipment rinsate blanks (TB-SS-RB, TB-CC-RB and RBI). Thus, URS does not believe utilizing alternate decontamination procedures is a substantive variance from the procedures in the *RCP*. Figure 4 shows the sampling locations in the at-grade truck bay, Figure 5 shows the sampling locations in the depressed dock, and Figure 7 shows the comprehensive shop floor sampling locations.

Subsurface Samples

In May 2001, during the second round of sampling, the concrete slab was cored at two locations in the at-grade truck bay adjacent to the PCB CSA (Figure 4) and at two locations in the depressed dock (Figure 5). The seven-inch thick concrete cores were sliced into one-inch thick wafers. Four concrete samples from each core that represented the one-inch to five-inch depths were submitted for PCB analysis, and the deeper samples were archived. As shown in Table 6, PCBs were detected in two (TB-3-A-CC-1-2" and 2-3") of the eight subsurface concrete samples collected from the at-grade truck bay. PCBs were not detected in the subsurface concrete samples collected from the depressed dock.

URS also collected samples from beneath the concrete slabs in the at-grade truck bay and the depressed dock area. The samples (TB-3-A-SS-7-8", TB-4-F-SS-7-8", DD-1-E-SS-7-8", and DD-2-B-SS-7-8") were comprised of gravel from immediately below the slab. Deeper soil samples could not be collected because the gravel subbase beneath the concrete surrounding the core hole was not stable and collapsed into the hole. Due to the non-cohesive nature of the gravel, the samples were collected with a shop vac. As shown in Table 6, PCBs were detected in one of the two gravel samples collected from beneath the at-grade truck bay at an estimated value less than the method detection limit and less than the cleanup standard of 1 mg/kg. PCBs were not detected in the two samples collected from beneath the depressed dock.

Surface Samples

Between May 2001 and March 2004, URS collected 47 concrete chip samples, 25 concrete wipe samples, and 5 floor tile wipe samples from the at-grade truck bay and the shop floor. The samples were analyzed for PCBs. Figure 7 shows the sampling locations. As shown on Tables 2 and 7, PCBs were detected in all 77 samples collected from the at-grade truck bay and shop floor. Of these additional samples, the 47 concrete chip samples contained concentrations of PCBs that exceeded the cleanup objective of 1 mg/kg, 21 of the 25 concrete wipe samples contained concentration of PCBs that exceeded the cleanup objective of 10 $\mu\text{g}/100 \text{ cm}^2$, and two of the five floor tile wipe samples contained concentration of PCBs that exceeded the cleanup objective of 10 $\mu\text{g}/100 \text{ cm}^2$.

Based on the results, URS concluded that the PCB impacts to the shop floor stemmed from overall historical poor housekeeping practices and did not relate directly to the PCB CSA. After evaluating the options to remediate the shop floor, GE elected to use the double wash double rinse procedures followed by double epoxy coating of the floor in contrasting colors as outlined in TSCA for continued use of porous surfaces impacted by PCBs (40 CFR Part 761.30(p)). This approach was selected because it would be less disruptive to shop operations than removing and replacing the floor slab or scarifying the impacted surface concrete and replacing the surface. The remedial activities undertaken for the shop floor and the depressed dock area are described in Section 6.2.

5.8 TASK 8 - DISPOSE CLOSURE DERIVED WASTE

Closure derived waste was generated during these four phases of the project:

- Cleaning of the PCB CSA, adjacent at-grade truck bay, and depressed dock in November 2000;
- Abatement of the PCB-impacted asbestos floor tile in May 2004;
- Cleaning and epoxy coating of the shop floor from December 2003 through May 2004; and
- Removal of the PCB-impacted surface pavement in the transportation corridor in December 2004.

Table 10 summarizes the waste generated during each phase of the project. All waste generated was disposed in accordance with state and federal regulations at appropriately licensed off-site disposal facilities. Copies of waste manifests documenting disposal of the waste are provided in Appendix F.

6.0 ADDITIONAL REMEDIAL MEASURES

This section describes the remedial measures GE has taken to address historical PCB impacts to the pavement south of the shop and to the shop floor that were discovered during implementation of the *RCP*. These activities were beyond the scope of the *RCP* and do not specifically relate to closure of the Commercial PCB Storage Area. These activities were performed in general accordance with the *RCP* and the provisions of TSCA.

6.1 REMOVE SURFACE ASPHALT FROM TRANSPORTATION CORRIDOR

In December 2004, GE retained SLC Environmental Services (SLC) of Lockport, New York to remove the top one-inch of pavement in the transportation corridor and adjacent areas that contained PCBs at concentrations greater than 1 mg/kg. URS provided oversight of the asphalt removal and collected confirmatory post-removal samples. SLC subcontracted Ken Young Paving to restore the pavement. GE contacted Mr. Jim Reidy of the USEPA to discuss the planned removal on December 1, 2004. GE also discussed the planned removal with Mr. Dan Kraft of EPA on December 3, 2004. Mr. Kraft was in general agreement with the plan.

The asphalt removal was conducted on December 2, 3, and 4, 2004. SLC removed at least one-inch of asphalt from the area south of the shop for ease of implementation and to provide a uniform paved area for the service center. Asphalt was removed to the extent practicable along the east and south fences where oversized equipment was stored and near the pressure plate for the facility gate. Figure 6 shows the removal area. While most of the asphalt contained concentration of PCBs less than 10 mg/kg, the two areas (Figure 6) where PCBs were previously detected at elevated concentrations (greater than 37 mg/kg) were removed separately, and the asphalt was segregated for disposal as a TSCA waste (Section 5.8). For most of the area, an asphalt ripper mounted to a bobcat loader was used to remove the top one-inch of asphalt. For the southeast corner, where the asphalt was heavily cracked, a bobcat loader was used to remove and scoop up the upper layer of asphalt.

URS collected confirmatory samples at approximately the same 11 locations where PCBs were detected at concentrations greater than 1 mg/kg during the previous investigations (Tasks 5 and 6). The samples were analyzed for PCBs by USEPA Method 8082. The results of the confirmatory sample PCB analysis are summarized in Table 9 and shown on Figure 6. At six of the 11 locations, which are primarily in the southeast portion of the parking lot, the samples representing the remaining asphalt contained PCBs at concentrations greater than the cleanup objective of 1 mg/kg.

Due to the impending closure of asphalt batch plants for the winter, GE elected to lay approximately one and a half inches of asphalt pavement over the removal area. The pavement was placed on December 8 to 9, 2004.

This area meets the TSCA definition of a low occupancy area because it is only used for parking and equipment storage. Per 40 CFR Part 761.61(a)(4)(i)(B), the cleanup level for low occupancy areas is 25 mg/kg. The majority of the sample results from the parking area are less than 8 mg/kg PCBs, with one location having a concentration of 24 mg/kg. Therefore, the area meets the cleanup objectives for a low occupancy area.

6.2 CLEAN AND COAT SHOP FLOOR WITH TWO LAYERS OF CONTRASTING COLORED EPOXY

As discussed in Section 5.7, GE elected to employ the method described in 40 CFR Part 761.30(p) to address the shop floor beyond the PCB CSA. This process consisted of:

- Double wash double rinse;
- Epoxy coating of the shop floor with two contrasting colors; and
- Labeling of the floor with the PCB mark.

The remedial work was conducted in accordance with the procedures outlined in TSCA. GE engaged The Pike Company (Pike) of Rochester, New York as the contractor for remediating the shop floor. Pike engaged AAC Contracting, Inc. of Rochester, New York as their subcontractor for washing the floor and abating the PCB-impacted asbestos floor tiles in two rooms adjacent to the shop floor. URS provided oversight of the remedial activities. URS engaged Sienna Environmental Technologies, LLC of Blasdell, New York to oversee the asbestos remediation and conduct air monitoring. The asbestos abatement was conducted in accordance with State of New York Official Compilation of Codes, Rules and Regulations Title 12 Part 56.

The areas addressed included:

- The shop floor;
- The work, storage, and locker room areas with concrete flooring contiguous to the shop;
- The sandblast room and adjacent storage room with asbestos containing floor tile, which are adjacent to the shop;
- An alcove adjacent to the former PCB work area; and
- The depressed dock.

Each of these areas is shown on Figure 2. Concrete in poor condition in the southern rail bay and along the wall of the depressed dock was removed and repaired. Additionally, the shop elected to epoxy coat the former PCB CSA, from which they had removed the surrounding berm, to match the rest of the floor.

The shop was divided into five sections in order to implement the remedial measures while minimizing impacts to shop operations. The cleaning and coating of the shop floor was conducted from December 2003 through May 2004. Each section took approximately four to five weeks to complete, with approximately half of the time being used by shop employees to relocate equipment and the other half of the time being used for remedial measures. All waste generated during implementation of the remedial

measures was containerized and properly disposed at licensed off-site facilities (Section 5.8).

The remainder of this section describes the cleaning procedures, coating procedures, additional work for the asbestos abatement areas, and measures used for the steel grounding plates that are embedded in the shop floor. Figure 8 shows the areas of the shop floor that were epoxy coated. As per 40 CFR Part 761(p)(1)(iii), inaccessible areas (beneath large machinery or bolted-in-place equipment) were not coated. Appendix G provides photographs of the cleaning and coating activities.

Cleaning Procedures

Cleaning procedures were conducted in accordance with 40 CFR Subpart S. Prior to cleaning the floor, the work area was isolated with polyethylene sheeting and absorbent booms. Washing operations were performed in Modified Level D personal protective equipment. The initial wash was performed using Fingers Lake Industrial Cleaner that is comprised of natural citrus and non-chlorinated d-limonene. The cleaner was sprayed or poured onto the floor surface until the floor was completely saturated in each area for at least one minute. Floor scrubbing machines were then used to scrub each portion of the floor for at least one minute. After scrubbing, the floor was swept using a squeegee and the citrus cleaner was collected using a wet dry vacuum. The second wash was performed using Senitnel Envirowash 850. The floor was again scrubbed using a floor scrubbing machine. Excess wash fluid was swept up using a squeegee and a wet dry vacuum. Waste wash fluid and equipment decontamination fluid were placed into a 1,000-gallon polyethylene tank for later disposal at a properly licensed facility. Solid waste generated from the cleaning was contained in 55-gallon drums. Section 5.8 describes the waste disposal.

The paint spray booth was cleaned separately from the other portions of the floor. The wash fluids from this area were drummed separately. Due to the potential presence of VOCs and metals on the floor from the paints used in this area, the wash fluids needed to be segregated and sampled to determine if they were a RCRA characteristic hazardous waste.

Coating Procedures

Coating procedures were conducted in accordance with 40 CFR Part 761.30(p)(1)(iii)(A). In general, the floor was prepared, primed, coated with a quarter-inch base or matrix coat of tan epoxy, prepared for the finish coat, and then top coated with a thinner layer of light grey epoxy. However, portions of the floor received different applications of epoxy based on their use. As per 40 CFR Part 761(p)(1)(ii)(B), a minimum of 24 hours elapsed between cleaning and coating the floor. This section describes the general coating procedures that were used on the majority of the floor, and variances to the coatings are described in the following section.

Prior to epoxy coating the floor, the surface of the floor was roughened so the epoxy would bind securely with the concrete. Self-contained shot blasters were used to roughen

open areas of the floor and hand grinders were used for the edges of the floor and around stationary shop machines and columns. Poly sheeting was placed over all of the non-moveable machines prior to shot blasting. Each blasting machine was attached to an industrial vacuum that collected the dust and waste shot blast. Each hand sander was connected to a wet dry vacuum that collected the majority of the dust generated during sanding. Cracks in the concrete and joints in the slab were vacuumed to gather any dust that might have accumulated in them during the blasting and grinding step. Solid waste generated during this step, which consisted of concrete dust, waste shot blast, poly sheeting, and personal protective equipment (PPE), was contained in 55-gallon drums for later disposal at a properly licensed facility.

After roughening the concrete surface, a primer was applied to the floor with 12-inch rollers. The primer was light grey in color when freshly mixed but became clear upon application to the floor. Immediately following application of the primer, a thin coat of silica was scattered onto the primer.

The base coat of epoxy was a matrix or trowel-on coat, which was a quarter-inch thick when finished. This coat consisted of a three to one mixture of Florock System 4750 High Speed Trowel Mix Clear Epoxy Part and Florock System 4750 High Speed Mortar Resin Activator Part B, plus silica sand. The matrix coat had the visual consistency of brown sugar and was tan in color. The mixture was shoveled onto the floor and a screed box and board were used to achieve a three-eighths of an inch of the matrix coat. Power troweling machines were used on the open portions of the shop floor to compress the matrix coat to one quarter-inch thick. The matrix coat was hand troweled in areas that the power machines could not access such as along edges, equipment, and columns. The locker rooms and file room, which are expected to only receive foot traffic and no heavy loads, did not receive this quarter-inch thick matrix coat. Instead, these areas received two layers of the topcoat or finish coat epoxy in contrasting colors.

After the base epoxy coat was placed, the floor was prepared for the top coat or finish coat of epoxy. The surface of the floor was sanded to provide a rough surface that would aid the finish coat in adhering to the matrix coat. A double disk floor grinder was used on open areas of the shop floor and a single disk floor grinder was used in tighter spaces. A hand held grinder was used along walls and the base of machinery or columns. A circular saw was used to cut finish edges along the boundary between sections. Dust and epoxy fragments were cleaned up using wet dry vacuums. The entire area was vacuumed prior to applying the finish coat.

The finish coat was a 10 to 12 millimeter thick epoxy mixture consisting of a three to one mixture of Florock System 4869/4760 Stipple Part A and Florock System 4860 Stipple Part B, plus Florock epoxy colorant. The finish coat was applied to the floor with hand squeegees and then backrolled with rollers.

After the coating was completed in a section, the plastic sheeting that provided work area containment and protection of the non-movable equipment was removed and drummed for later disposal at properly licensed off-site facilities (Section 5.8).

After completion of the epoxy coating in all the sections, the shop floor was washed and the stripes marking aisle ways and other features were repainted. Decals of the PCB mark specified in 40 CFR Part 761.45 were applied to the floor near entrances to the shop area. Decals were positioned such that they are visible from the entrance but will not receive heavy foot or vehicle traffic.

Variances to General Coating Procedure

Portions of the shop floor received slightly different treatment than the general procedures described above. These variances include:

- Paint Spray Booth – The waste from cleaning and shot blasting the paint spray booth floor was separated from the other remedial waste pending waste characterization.
- Locker rooms – Two contrasting colors (light grey beneath darker grey) of the roll-on epoxy were placed instead of the matrix coat followed by the roll-on coat.
- File room – Two contrasting colors (light grey beneath darker grey) of the roll-on epoxy were placed instead of the matrix coat followed by the roll-on coat.
- Spray Booths – The large spray booth initially received the regular floor treatment. However, as the floor became slippery when wet, the large spray booth was recoated with a larger volume of silica sand mixed into the top coat. The small spray booth received the matrix coat followed by a top coat with additional silica sand.
- Southern Rail Road Tracks – The concrete between the rails, which was in very poor shape, was partially removed and repaired. The removed concrete was drummed and disposed with the other remedial waste (Section 5.8).
- Depressed Dock – The west wall of the depressed dock, on which the concrete was degraded, was repaired. The removed concrete was drummed and disposed with the other remedial waste (Section 5.8). Additionally, the walls of the depressed dock received a base coat of medium grey epoxy and a top coat of dark grey epoxy to provide a better visual difference between the walls of the depressed dock and the floor of the shop.
- Storage Room Adjacent to the Sandblast Room – PCB-impacted asbestos containing tile and asbestos containing mastic were removed prior to addressing the room with the general procedures described above.
- Sandblast Room – PCB-impacted asbestos containing tile was removed. The underlying concrete floor was not impacted by PCBs greater than 10 micrograms per 100 square centimeters and, therefore, was not cleaned and epoxy coated.
- PCB CSA – The shop had removed the concrete berm from the PCB container storage area after the area was documented to be clean to allow the space to be used for other purposes. This area received a top coat of the light grey epoxy so that it would match the rest of the shop floor.

In addition, the epoxy top coat placed near entrances and truck bay doors, which may become wet during normal operations, received a non-skid top coat. The compressed gas storage area received a specially mixed top coating to reduce static.

Asbestos Abatement

The floors in two of the side room work areas in the northeast portion of the shop were covered with asbestos-containing vinyl tile that was impacted by PCBs. The tiles in the sandblast room and adjacent storage room were in poor shape with the underlying concrete slab exposed in several locations. These areas underwent asbestos remediation in accordance with State of New York Official Compilation of Codes, Rules and Regulations Title 12 Part 56, which governs asbestos.

The asbestos abatement work was conducted by Pike's subcontractor AAC. URS engaged Sienna Environmental Technologies, LLC of Blasdell, New York to serve as project monitor and collect air samples. An asbestos building inspector from URS was present to observe. The generated waste was bagged in accordance with asbestos waste handling regulations, and was subsequently drummed to meet TSCA waste storage requirements. The waste was disposed as PCB-containing asbestos waste (Section 5.8). The asbestos related laboratory reports are provided in Appendix H.

After the asbestos abatement portion of the work was completed, the storage room, which has PCB-impacted concrete, was double washed and double epoxy coated in accordance with the general procedures described above. The sandblast room, which did not have PCB impacted concrete greater than $10 \mu\text{g}/100 \text{ cm}^2$ (wipe sample S1-FLOORWIPE2), was not double washed or epoxy coated. The traces of yellow mastic that remained in the sandblast room after the asbestos remediation were sampled and tested and found to be free of asbestos (asbestos sample 0517-GE-1). The PCB related laboratory reports are provided in Appendix E and the asbestos related laboratory reports are provided in Appendix H.

Grounding Plates

As shown on Figure 2, steel grounding plates with relatively smooth uncoated surfaces are embedded into the shop floor at three locations. The two plates in the central area of the shop are eight feet four inches by six feet nine inches. The grounding plate in the southwest portion of the shop is approximately four feet by four feet. Because the shop periodically uses these plates to test electrical equipment, the plates needed to be maintained in usable condition and not coated with epoxy. Therefore, the plates were washed and wipe samples were collected to document that the plates met the less than $10 \mu\text{g}/100 \text{ cm}^2$ clean up standard for impervious surfaces. The grounding plates were double washed along with the concrete floor. When the first grounding plate was encountered during the floor work, the grounding plate was double washed when the floor was washed. The next day a wipe sample (S4-GRNDPLT-WP-032304) was collected for PCB analysis, and the results indicated PCBs were still present. Therefore, all three grounding plates were double washed again as a separate task during the final washing of the shop floor. Wipe samples (Plate #1, Plate #2, and Plate #3) were collected from each of the three grounding plates for PCB analysis. The confirmatory PCB wipe sampling results indicate that all three grounding plates have less than $10 \mu\text{g}/100 \text{ cm}^2$ PCBs. The grounding plate confirmatory wipe results are summarized in Table 8 and Figure 7, and the laboratory report is provided in Appendix E.

7.0 CONCLUSIONS

The bermed PCB container storage area at GE's Tonawanda Service and Inspection Center has been closed in accordance with the USEPA-approved *RCP*. Sample results for wipe samples collected after the area was cleaned indicated PCBs were not present at concentrations greater than the cleanup criteria of 10 µg/100 cm².

The shop floor and pavement south of the shop have been impacted by PCBs from overall poor historical (pre-TSCA) housekeeping practices. Impacts in these areas are not directly related to releases from the Commercial PCB Storage Area. In a letter dated March 1, 2006, USEPA stated that they view the impacts to the shop floor and pavement as an independent matter that does not relate to closure of the areas that were approved for commercial storage of PCB waste.

Impacts to the shop floor have been addressed in accordance with the procedures described in TSCA for continued use of porous surfaces (40 CFR Part 761.30(p)) by double washing the shop floor followed by application of a double coating of epoxy in contrasting colors and labeling the floor with the M_L mark. The concentration of PCBs remaining in the parking area of the shop meet the cleanup levels for low occupancy area, as defined in 40 CFR Part 761.61(a)(4)(i)(B). While PCBs remain at the site, these occurrences are a separate matter, and do not relate to final closure of the areas for which GE was approved as a Commercial PCB Storer.

**TABLE 1
PCB RESULTS FOR WIPE SAMPLES
FROM THE PCB STORAGE AREA**

**GE ENERGY
TONAWANDA, NEW YORK**

Sample ID	Sample Date	Media	Sample Description	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs
W-1	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	1.7
W-2	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.7	2.7
W-3	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.1	1.1
W-4	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.5	1.5
W-5	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.0	6.0
W-6	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	2.9	<0.50	<0.50	4.2	4.2
W-7	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.8	1.8
W-8	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.4	1.4
W-9	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	10	10
W-10	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	2.3
W-11	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	1.4	<0.50	<0.50	3.8	3.8
W-12 (DUP of W-7)	11/15/2000	Epoxy	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	1.9	1.9

Notes:

- 1 - All units are micrograms per 100 square centimeters ($\mu\text{g}/100\text{cm}^2$).
- 2 - Polychlorinated Biphenyls (PCBs) were analysed by USEPA method 8082 by Severn Trent Laboratories of Amherst, New York.

TABLE 2
PCB RESULTS FOR CONCRETE SURFACE CHIP SAMPLES

GE ENERGY
TONAWANDA, NEW YORK

Sample ID (Corresponding Grid ID)	Date	Media	Sample Description	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs
BCE-1 (TB-3-A-CC)	11/17/2000	Concrete Chip	Surface	<5.5	<5.5	<5.5	<5.5	<5.5	48	110	158
BCE-2 (TB-3-D-CC)	11/17/2000	Concrete Chip	Surface	<2.1	<2.1	<2.1	<2.1	<2.1	21	39	60
BCE-3 (TB-3-E-CC)	11/17/2000	Concrete Chip	Surface	<4.9	<4.9	<4.9	<4.9	<4.9	27	64	91
BCE-4 (TB-4-F-CC)	11/17/2000	Concrete Chip	Surface	<4.3	<4.3	<4.3	<4.3	<4.3	48	79	127
BCW-1 (DD-2-A-CC)	11/17/2000	Concrete Chip	Surface	<0.50	<0.50	<0.50	<0.50	<0.50	0.42J	0.76	1.18
BCW-2 (DD-2-B-CC)	11/17/2000	Concrete Chip	Surface	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
BCW-3 (DD-2-C-CC)	11/17/2000	Concrete Chip	Surface	<0.50	<0.50	<0.50	<0.50	<0.50	1.3	2.4	3.7
BCW-4 (DD-1-D-CC)	11/17/2000	Concrete Chip	Surface	<0.50	<0.50	<0.50	<0.50	<0.50	3.8	6.8	10.6
BCW-6 (DD-1-D-CC DUP)	11/17/2000	Concrete Chip	Surface	<0.51	<0.51	<0.51	<0.51	<0.51	7.1	13	20.1
BCW-5 (DD-1-E-CC)	11/17/2000	Concrete Chip	Surface	<1.9	<1.9	<1.9	<1.9	<1.9	12	23	35
TB-3-H-CC	5/24/2001	Concrete Chip	Surface	<4.0	<4.0	<4.0	<4.0	<4.0	59	71	130
TB-3-H-CC-DUP	5/24/2001	Concrete Chip	Surface	<2.3	<2.3	<2.3	<2.3	<2.3	94	100	194
TB-3-I-CC	5/24/2001	Concrete Chip	Surface	<2.3	<2.3	<2.3	<2.3	<2.3	42	57	99
TB-4-H-CC	5/24/2001	Concrete Chip	Surface	<2.0	<2.0	<2.0	<2.0	<2.0	43	59	102
TB-4-I-CC	5/24/2001	Concrete Chip	Surface	<2.0	<2.0	<2.0	<2.0	<2.0	98	160	258
TB-5-H-CC	5/24/2001	Concrete Chip	Surface	<1.2	<1.2	<1.2	<1.2	<1.2	22	33	55
TB-5-I-CC	5/24/2001	Concrete Chip	Surface	<1.1	<1.1	<1.1	<1.1	<1.1	33	43	76
DD-1-A-CC	5/24/2001	Concrete Chip	Surface	<5.0	<5.0	<5.0	<5.0	<5.0	1.6	2	3.6
DD-1-B-CC	5/24/2001	Concrete Chip	Surface	<5.0	<5.0	<5.0	<5.0	<5.0	0.92	1.2	2.12
DD-2-D-CC	5/24/2001	Concrete Chip	Surface	<5.0	<5.0	<5.0	<5.0	<5.0	8.2	14	22.2
DD-2-E-CC	5/24/2001	Concrete Chip	Surface	<5.0	<5.0	<5.0	<5.0	<5.0	8.4	11	19.4
TB-5-A-CC	5/25/2001	Concrete Chip	Surface	<1.1	<1.1	<1.1	<1.1	<1.1	98	180	278
TB-5-B-CC	5/25/2001	Concrete Chip	Surface	<3.9	<3.9	<3.9	<3.9	<3.9	53	100	153
TB-5-C-CC	5/25/2001	Concrete Chip	Surface	<4.0	<4.0	<4.0	<4.0	<4.0	76	130	206
TB-5-D-CC	5/25/2001	Concrete Chip	Surface	<1.2	<1.2	<1.2	<1.2	<1.2	25	31	56
TB-5-E-CC	5/25/2001	Concrete Chip	Surface	<1.1	<1.1	<1.1	<1.1	<1.1	56	77	133
TB-5-F-CC	5/25/2001	Concrete Chip	Surface	<0.50	<0.50	<0.50	<0.50	<0.50	9.9	11	20.9
TB-5-G-CC	5/25/2001	Concrete Chip	Surface	<0.88	<0.88	<0.88	<0.88	<0.88	16	17	33
TB-2-A-CC	5/25/2001	Concrete Chip	Surface	<0.50	<0.50	<0.50	<0.50	<0.50	3.2	4	7.2
TB-1-K-CC	10/12/2001	Concrete Chip	Surface	<2.4	<2.4	<2.4	<2.4	<2.4	58	58	116
TB-4-Q-CC	10/12/2001	Concrete Chip	Surface	<1.0	<1.0	<1.0	<1.0	<1.0	48	64	112
TB-5-K-CC	10/12/2001	Concrete Chip	Surface	<2.0	<2.0	<2.0	<2.0	<2.0	30	38	68
TB-7-A-CC	10/12/2001	Concrete Chip	Surface	<4.1	<4.1	<4.1	<4.1	<4.1	40	54	94
TB-7-A-CC DUP	10/12/2001	Concrete Chip	Surface	<1.1	<1.1	<1.1	<1.1	<1.1	18	22	40
TB-7-C-CC	10/12/2001	Concrete Chip	Surface	<0.50	<0.50	<0.50	<0.50	<0.50	6.9	8.4	15.3
TB-7-E-CC	10/12/2001	Concrete Chip	Surface	<0.98	<0.98	<0.98	<0.98	<0.98	18	23	41

TABLE 2
PCB RESULTS FOR CONCRETE SURFACE CHIP SAMPLES

GE ENERGY
TONAWANDA, NEW YORK

Sample ID (Corresponding Grid ID)	Date	Media	Sample Description	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs
TB-7-G-CC	10/12/2001	Concrete Chip	Surface	<1.2	<1.2	<1.2	<1.2	<1.2	16	22	38
TB-7-I-CC	10/12/2001	Concrete Chip	Surface	<4.8	<4.8	<4.8	<4.8	<4.8	25	37	61
TB-7-K-CC	10/12/2001	Concrete Chip	Surface	<2.4	<2.4	<2.4	<2.4	<2.4	41	52	93
TB-9-Q-CC	10/12/2001	Concrete Chip	Surface	<11	<11	<11	<11	<11	40	59	99
TB-14-G-CC	10/12/2001	Concrete Chip	Surface	<0.17	<0.17	<0.17	<0.17	<0.17	2.5	2	4.5
TB-14-L-CC	10/12/2001	Concrete Chip	Surface	<4.1	<4.1	<4.1	<4.1	<4.1	25	33	58
TB-14-Q-CC	10/12/2001	Concrete Chip	Surface	<2.0	<2.0	<2.0	<2.0	<2.0	24	35	59

Notes:

- 1 - All units are milligram per kilogram (mg/kg).
- 2 - Samples analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082 by Severn Trent Laboratories of Amherst, New York.
- 3 - A "J" indicates an estimated value less than the method detection limit.
- 4 - A "ND" indicates the parameter was not detected above method detection limits.
- 5 - Results in bold print are equal to or above the cleanup objective of 1 mg/kg.

**TABLE 3
PCB RESULTS FOR EQUIPMENT RINSATE BLANKS**

**GE ENERGY
TONAWANDA, NEW YORK**

Sample ID	Date	Sample Description	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs
R-1	11/17/2000	Equipment Rinsate Blank	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	<0.03	ND
TB-SS-RB	5/23/2001	Equipment Rinsate Blank	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	ND
TC-AC-RB	5/24/2001	Equipment Rinsate Blank	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	ND
TB-CC-RB	5/25/2001	Equipment Rinsate Blank	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	ND
RBI	10/12/2001	Equipment Rinsate Blank	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	ND
EB-120204	12/2/2004	Equipment Rinsate Blank	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	<0.47	ND
EB-120304	12/3/2004	Equipment Rinsate Blank	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	ND
EB-120404	12/4/2004	Equipment Rinsate Blank	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	<0.48	ND

Notes:

- 1 - All units are micrograms per liter (µg/l).
- 2 - Samples analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082 by Severn Trent Laboratories of Amherst, New York.
- 3 - A "ND" indicates the parameter was not detected above method detection limits.

TABLE 4
PCB RESULTS FOR ASPHALT SURFACE CHIP SAMPLES

GE ENERGY
TONAWANDA, NEW YORK

Sample ID	Date	Media	Current Status	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs
AC-1	11/17/2000	Asphalt Chip	Surface Removed in 2004	<12	<12	<12	<12	<12	120	360	480
AC-2	11/17/2000	Asphalt Chip	Surface Removed in 2004	<0.50	<0.50	<0.50	<0.50	<0.50	0.72	1.7	2.42
AC-3	11/17/2000	Asphalt Chip	Surface Removed in 2004	<0.99	<0.99	<0.99	<0.99	<0.99	9.1	28	37.1
AC-4	11/17/2000	Asphalt Chip	Surface Removed in 2004	<0.50	<0.50	<0.50	<0.50	<0.50	1.7	2.2	3.9
AC-5	11/17/2000	Asphalt Chip	Surface Removed in 2004	<0.50	<0.50	<0.50	<0.50	<0.50	0.68	0.64	1.32
AC-6	11/17/2000	Asphalt Chip	Surface Removed in 2004	<0.50	<0.50	<0.50	<0.50	<0.50	0.54	0.32J	0.86
TC-1-B-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	<0.5	1.2	1	2.2
TC-1-D-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	1.4	2.7	3.5	7.6
TC-1-D-AC-DUP	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	0.84	1.4	1.7	3.94
TC-10-B-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-11-E-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	<0.5	0.76	<0.5	0.76
TC-3-E-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	<0.5	1.9	2.2	4.1
TC-4-B-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	<0.5	2.9	3.2	6.1
TC-5-E-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	<0.5	0.92	1.3	2.22
TC-6-B-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	<0.5	3.7	2.2	5.9
TC-7-E-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	<0.5	0.79	0.36J	1.15
TC-8-B-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	<0.5	0.69	<0.5	0.69
TC-9-E-AC	5/24/2001	Asphalt Chip	Surface Removed in 2004	<0.5	<0.5	<0.5	<0.5	<0.5	0.21J	<0.5	0.21

Notes:

- 1 - All units are milligram per kilogram (mg/kg).
- 2 - Samples analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082 by Severn Trent Laboratories of Amherst, New York.
- 3 - A "J" indicates an estimated value less than the method detection limit.
- 4 - A "ND" indicates the parameter was not detected above method detection limits.
- 5 - Results in bold print are above the cleanup objective of 1 mg/kg.

**TABLE 5
PCB RESULTS
TRANSPORTATION CORRIDOR CORING SAMPLES**

**GE ENERGY
TONAWANDA, NEW YORK**

Sample ID (Corresponding Grid ID)	Date	Media	Sample Description	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs
TC-11.5-C-5-AC-1-2" (TC-11.5-C-5-AC-1-2")	5/23/2001	Asphalt Core	1-2 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-11.5-C-5-AC-2-3" (TC-11.5-C-5-AC-2-3")	5/23/2001	Asphalt Core	2-3 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-11.5-C-5-AC-3-4" (TC-11.5-C-5-AC-3-4")	5/23/2001	Asphalt Core	3-4 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-11.5-C-5-AC-4-5" (TC-11.5-C-5-AC-4-5")	5/23/2001	Asphalt Core	4-5 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-11.5-C-5-SS-0-1' (TC-11.5-C-5-SS-0-1')	5/23/2001	Soil	0 to 1 foot	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-11.5-C-5-SS-0-1'-DUP (TC-11.5-C-5-SS-0-1'-DUP)	5/23/2001	Soil	0 to 1 foot	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-11.5-C-5-SS-1-2' (TC-11.5-C-5-SS-1-2')	5/23/2001	Soil	1 to 2 feet	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-2.5-A-5-AC-1-2" (TC-2.5-A-5-AC-1-2")	5/23/2001	Asphalt Core	1-2 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-2.5-A-5-AC-2-3" (TC-2.5-A-5-AC-2-3")	5/23/2001	Asphalt Core	2-3 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-2.5-A-5-AC-3-4" (TC-2.5-A-5-AC-3-4")	5/23/2001	Asphalt Core	3-4 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-2.5-A-5-AC-4-5" (TC-2.5-A-5-AC-4-5")	5/23/2001	Asphalt Core	4-5 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
TC-2.5-A-5-SS-0-1' (TC-2.5-A-5-SS-0-1')	5/23/2001	Soil	0 to 1 foot	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

Notes:

- 1 - All units are milligram per kilogram (mg/kg).
- 2 - Samples analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082 by Severn Trent Laboratories of Amherst, New York.
- 3 - A "ND" indicates the parameter was not detected above method detection limits.

TABLE 6
PCB RESULTS FOR CORING SAMPLES THROUGH SHOP FLOOR

GE ENERGY
TONAWANDA, NEW YORK

Sample ID	Date	Media	Sample Description	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs	
<i>Truck Bay Samples</i>												
TB-3-A-CC-1-2"	5/23/2001	Concrete Core	1-2 inches	<0.5	<0.5	<0.5	<0.5	<0.5	1.5	1.4	2.9	
TB-3-A-CC-2-3"	5/23/2001	Concrete Core	2-3 inches	<0.5	<0.5	<0.5	<0.5	<0.5	0.38J	0.41J	ND	
TB-3-A-CC-3-4"	5/23/2001	Concrete Core	3-4 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
TB-3-A-CC-4-5"	5/23/2001	Concrete Core	4-5 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
TB-3-A-SS-7-8"	5/23/2001	Soil	7-8 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
TB-4-F-CC-1-2"	5/23/2001	Concrete Core	1-2 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
TB-4-F-CC-2-3"	5/23/2001	Concrete Core	2-3 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
TB-4-F-CC-3-4"	5/23/2001	Concrete Core	3-4 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
TB-4-F-CC-4-5"	5/23/2001	Concrete Core	4-5 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
TB-4-F-SS-7-8"	5/23/2001	Soil	7-8 inches	<0.5	<0.5	<0.5	<0.5	<0.5	0.36J	0.38J	0.74J	
<i>Depressed Dock Samples</i>												
DD-1-E-CC-2-3"	5/23/2001	Concrete Core	2-3 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
DD-1-E-CC-3-4"	5/23/2001	Concrete Core	3-4 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
DD-1-E-CC-4-5"	5/23/2001	Concrete Core	4-5 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
DD-1-E-SS-7-8"	5/23/2001	Soil	7-8 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
DD-2-B-CC-1-2"	5/23/2001	Concrete Core	1-2 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
DD-2-B-CC-2-3"	5/23/2001	Concrete Core	2-3 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
DD-2-B-CC-3-4"	5/23/2001	Concrete Core	3-4 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
DD-2-B-CC-4-5"	5/23/2001	Concrete Core	4-5 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	
DD-2-B-SS-7-8"	5/23/2001	Soil	7-8 inches	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND	

Notes:

- 1 - All units are milligram per kilogram (mg/kg).
- 2 - Samples analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082 by Severn Trent Laboratories of Amherst, New York.
- 3 - A "J" indicates an estimated value less than the method detection limit.
- 4 - A "ND" indicates the parameter was not detected above method detection limits.
- 5 - Results in bold print are equal to or above the cleanup objective of 1 mg/kg.

TABLE 7
SUMMARY OF PCB WIPE RESULTS
SHOP FLOOR

GE ENERGY
TONAWANDA, NEW YORK

Sample ID (Corresponding Grid ID)	Sample Date	Media	Sample Description	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs
TB-14-G-W	7/11/2002	Concrete	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.8	4.8
TB-14-L-W	7/11/2002	Concrete	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	6.8	6.8
TB-2-A-W	7/11/2002	Concrete	Surface Wipe	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	40	40
TB-4-F-W	7/11/2002	Concrete	Surface Wipe	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	58	58
TB-4-F-W DUP	7/11/2002	Concrete	Surface Wipe	<10	<10	<10	<10	<10	<10	110	110
TB-4-L-W	7/11/2002	Concrete	Surface Wipe	<25	<25	<25	<25	<25	<25	170	170
TB-4-Q-W	7/11/2002	Concrete	Surface Wipe	<25	<25	<25	<25	<25	<25	250	250
TB-5-A-W	7/11/2002	Concrete	Surface Wipe	<10	<10	<10	<10	<10	<10	98	98
TB-7-A-W	7/11/2002	Concrete	Surface Wipe	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	10	10
TB-7-G-W	7/11/2002	Concrete	Surface Wipe	<2	<2	<2	<2	<2	<2	18	18
TB-7-K-W	7/11/2002	Concrete	Surface Wipe	<25	<25	<25	<25	<25	<25	91	91
AB5-W (TB-5-AB-W)	6/25/2003	Concrete	Surface Wipe	<40	<40	<40	<40	<40	<40	230	230
AI5-W (TB-5-AI-W)	6/25/2003	Concrete	Surface Wipe	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	59	59
W5-W (TB-5-W-W)	6/25/2003	Concrete	Surface Wipe	<40	<40	<40	<40	<40	<40	430	430
AB9-W (TB-9-AB-W)	6/25/2003	Concrete	Surface Wipe	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	59	59
AI9-W (TB-9-AI-W)	6/25/2003	Concrete	Surface Wipe	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	67	67
G9-W (TB-9-G-W)	6/25/2003	Concrete	Surface Wipe	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	61	61
N9-W (TB-9-N-W)	6/25/2003	Concrete	Surface Wipe	<40	<40	<40	<40	<40	<40	160	160
W9-W (TB-9-W-W)	6/25/2003	Concrete	Surface Wipe	<8.0	<8.0	<8.0	<8.0	<8.0	<8.0	47	47
TB-14-AB-W	7/9/2003	Concrete	Surface Wipe	<5	<5	<5	<5	<5	6.5	15	21.5
TB-14-AI-W	7/9/2003	Concrete	Surface Wipe	<5	<5	<5	<5	<5	<5	11	11
TB-14-Q-W	7/9/2003	Concrete	Surface Wipe	<5	<5	<5	<5	<5	10	33	43
TB-14-W-W	7/9/2003	Concrete	Surface Wipe	<5	<5	<5	<5	<5	9.3	26	35.3
S1-FLOORWIPE1	3/31/2004	Concrete	Surface Wipe	<10	<10	<10	<10	<10	<10	90	90
S1-FLOORWIPE2	3/31/2004	Concrete	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.5	4.5
S1-TILEWIPE1	3/31/2004	Floor Tile	Surface Wipe	<5.0	<5.0	<5.0	<5.0	<5.0	<5.0	53	53
S1-TILEWIPE2	3/31/2004	Floor Tile	Surface Wipe	<1.0	<1.0	<1.0	<1.0	<1.0	<1.0	16	16
S3-TILEWIPE1	3/31/2004	Floor Tile	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.3	2.3
S3-TILEWIPE2	3/31/2004	Floor Tile	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	4.5	4.5
S3-TILEWIPE3	3/31/2004	Floor Tile	Surface Wipe	<0.50	<0.50	<0.50	<0.50	<0.50	<0.50	2.1	2.1

Notes:

- All units are microgram per 100 square centimeters ($\mu\text{g}/100\text{cm}^2$).
- Polychlorinated Biphenyls (PCBs) were analysed by USEPA method 8082 by Severn Trent Laboratories of Amherst, New York.
- Results in bold print are above the cleanup objective of $10 \mu\text{g}/100\text{cm}^2$.

TABLE 8

PCB WIPE SAMPLING RESULTS
FOR GROUNDING PLATES

GE ENERGY
TONAWANDA, NEW YORK

Sample ID	Date	Media & Location	Sample Description	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs
S4-GRNDPLT-WP-032304 (resampled as Plate #1)	3/23/2004	Steel Grounding Plate West of Column Line 2C-2D	Surface Wipe	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	42	42
Plate #1	5/14/2004	Steel Grounding Plate West of Column Line 2C-2D	Surface Wipe	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	3.3	3.3
Plate #2	5/14/2004	Steel Grounding Plate East of Column Line 2C-2D	Surface Wipe	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	2.1	2.1
Plate #3	5/14/2004	Steel Grounding Plate East of Column Line 4X-4Y	Surface Wipe	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND

Notes:

- 1 - All units are microgram per 100 square centimeters ($\mu\text{g}/100\text{cm}^2$).
- 2 - Samples analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082 by Severn Trent Laboratories of Amherst, New York.
- 3 - A "ND" indicates the parameter was not detected above method detection limits.
- 4 - Results in bold print are above the cleanup objective of $10 \mu\text{g}/100\text{cm}^2$.
- 5 - The grounding plate from which wipe sample S4-GRNDPLT-WP-032304 was collected, was recleaned and another wipe sample (Plate #1) was collected.

**TABLE 9
PCB RESULTS
FOR POST REMOVAL ASPHALT CHIP SAMPLES**

**GE ENERGY
TONAWANDA, NEW YORK**

Sample ID	Date	Media	Sample Description	Arochlor 1016	Arochlor 1221	Arochlor 1232	Arochlor 1242	Arochlor 1248	Arochlor 1254	Arochlor 1260	Total PCBs
CONF-AC-4	12/3/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	<0.5	0.54	0.32J	0.86
CONF-AC-6	12/4/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
CONF-8-B-AC	12/4/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	6.4	<0.5	8.9	ND
CONF-1-B-AC	12/2/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	0.097J	0.18J	3.5	3.3	0.8
CONF-1-D-AC	12/2/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	0.51	<0.5	1.4	<0.5	0.91
CONF-3-E-AC	12/2/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	11	<0.5	13	24
CONF-5-E-AC	12/2/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	1.7	<0.5	5.8	7.5
CONF-AC-2	12/2/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	0.54	<0.5	0.84	1.38
CONF-AC-8	12/2/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	0.7	<0.5	<0.5	1.1	1.8
CONF-4-B-AC	12/3/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
CONF-7-E-AC	12/3/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
CONF-AC-1	12/3/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	<0.5	ND
CONF-AC-5	12/3/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	<0.5	0.96	0.85	1.81
CONF-6-B-AC	12/4/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	<0.5	0.07J	0.028J	0.098
CONF-AC-3	12/4/2004	Asphalt Chip	Post 1" Removal	<0.5	<0.5	<0.5	<0.5	<0.5	0.03J	0.027J	0.057

Notes:

- 1 - All units are milligram per kilogram (mg/kg).
- 2 - Samples analyzed for polychlorinated biphenyls (PCBs) by EPA Method 8082 by Severn Trent Laboratories of Amherst, New York.
- 3 - A "J" indicates an estimated value less than the method detection limit.
- 4 - A "ND" indicates the parameter was not detected above method detection limits.
- 5 - Results in bold print are above the cleanup objective of 1 mg/kg.

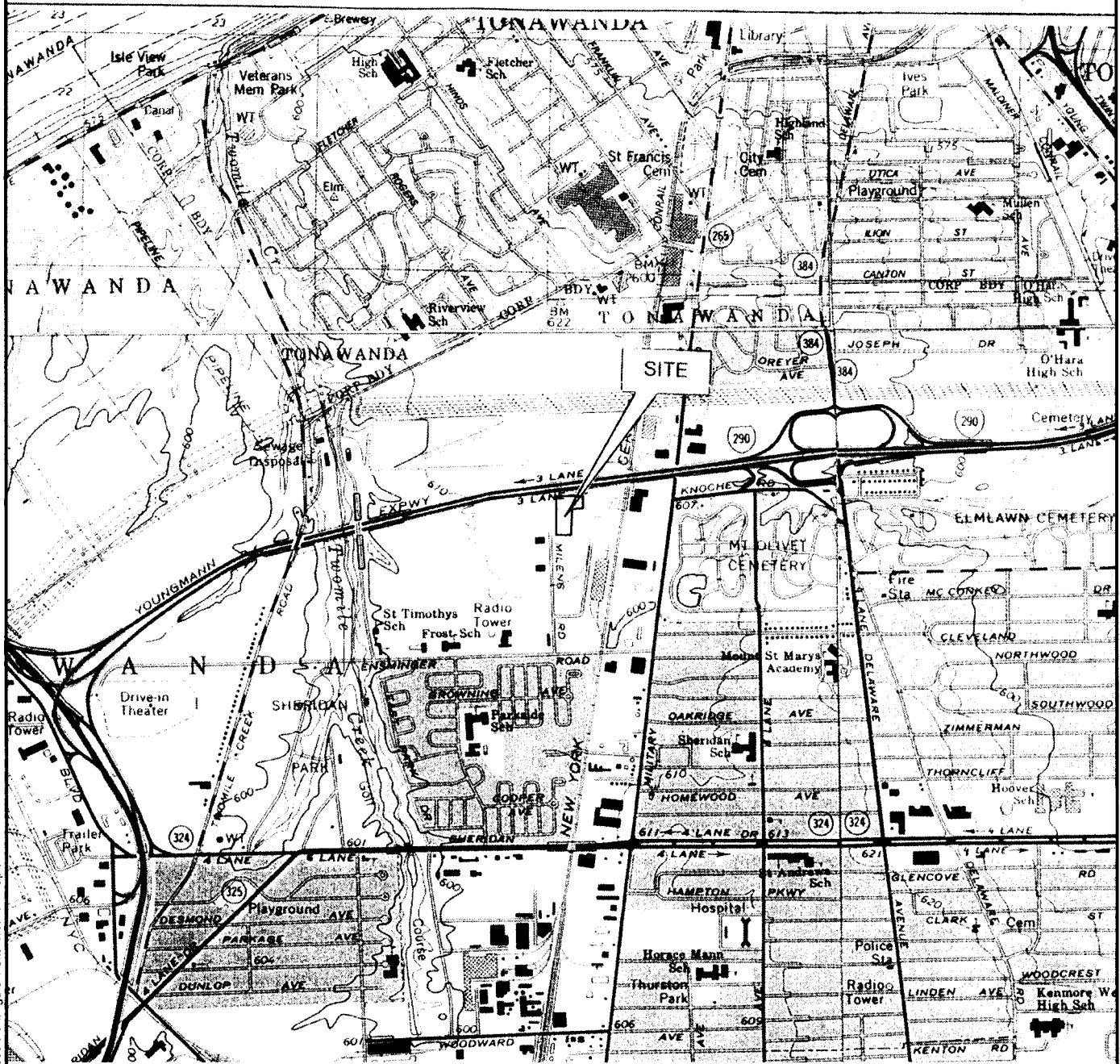
**TABLE 10
SUMMARY OF REMEDIAL WASTE GENERATED**

**GE ENERGY
TONAWANDA, NEW YORK**

Container Id	Date	Contents Description	Waste Type	Date Removed for Disposal	Disposal Facility		
<i>Initial Cleaning</i>							
-	Nov-00	Cleaning fluids (10 drums)	Non-regulated	12/18/2000	Clean Harbors		
<i>Shop Remedial Measures</i>							
S1D1	12/20/2003	PPE, rags, booms from washing	PCB	4/1/2004	CWM Model City		
S1D2	12/21/2003	Shot blast waste from Section 1					
S1D3	12/21/2003	Shot blast waste from Section 1					
S1D4	12/21/2003	PPE, respirator cartridges					
S1D5	12/21/2003	Shot blast waste from Section 1					
S1D6	12/22/2003	Shot blast waste from Section 1					
S1D7	12/22/2003	Shot blast waste from Section 1					
S2-D1	1/30/2004	Waste wash liquid from paint spray booth					
S2-D2	1/30/2004	PPE and rags from washing					
S2-D3	1/31/2004	Shot blast waste from Section 2					
S2-D4	2/1/2004	Paint spray booth					
S2-D5	1/31/2004	Shot blast waste from Section 2					
S2-D6	1/31/2004	Shot blast waste from Section 2					
S2-D7	1/31/2004	Shot blast waste from Section 2					
S2-D8	2/2/2004	Concrete from railroad track repair					
S2-D9	2/2/2004	Concrete from railroad track repair					
S2-D10	2/2/2004	Concrete from railroad track repair					
S2-D11	2/2/2004	Concrete from railroad track repair					
S2-D12	2/2/2004	Concrete from railroad track repair					
S2-D13	2/2/2004	Concrete from railroad track repair					
S2-D14	2/2/2004	Concrete from railroad track repair					
S2-D15	2/2/2004	Steel J-channel from railroad track repair					
S2-D16	2/4/2004	Concrete dust from railroad tracks					
S2-D17	2/4/2004	Concrete dust from railroad tracks					
S2-D18	2/4/2004	Concrete dust from railroad tracks					
S2-D19	2/5/2004	Concrete dust from vacuum all Section 2 (including paint spray booth)					
S2-D20	2/7/2004	Concrete dust from vacuum Section 2					
S3-D1	2/26/2004	PPE from washing Section 3	PCB	5/21/2004	CWM Model City		
S3-D2	2/27/2004	Shot blast waste from Section 3					
S3-D4	2/27/2004	Shot blast waste from Section 3					
S3-D5	2/27/2004	Shot blast and grinding waste from Section 3					
S3-D6	3/1/2004	Shot blast and grinding waste from Section 3					
S4-D1	3/24/2004	Shot blast waste from Section 4					
S4-D2	3/24/2004	Shot blast waste from Section 4					
S4-D3	3/25/2004	Shot blast waste from Section 4					
S4-D4	3/25/2004	Shot blast waste from Section 4					
S4-D5	3/25/2004	Shot blast waste from Section 4					
S5-D1	5/1/2004	PPE from washing Section 5					
S5-D2	5/4/2004	Shot blast waste from Section 5					
S5-D3	5/4/2004	Shot blast waste from Section 5					
S5-D4	5/4/2004	Shot blast waste from Section 5 and concrete berm from PCB CSA					
S5-D5	5/5/2004	Shot blast waste from Section 5 and concrete berm from PCB CSA					
S5-D6	5/10/2004	Concrete waste from repair of west wall of depressed dock					
S5-D7	5/10/2004	Concrete waste from repair of west wall of depressed dock					
S6-D1	5/14/2004*	Asbestos remediation PPE and waste water	PCB/asbestos	5/21/2004	CWM Model City		
S6-D2	5/14/2004*	Asbestos remediation containment	PCB/asbestos				
S7-D1	5/17/2004	Miscellaneous waste from completing project punchlist	PCB				
S7-D2	5/14/2004*	Bagged asbestos waste	PCB/asbestos				
S7-D3	5/14/2004*	Bagged asbestos waste	PCB/asbestos				
S7-D4	5/14/2004*	Bagged asbestos waste	PCB/asbestos				
Poly Tank	5/17/04*	Waste wash fluid from washing and equipment decontamination for entire project except the paint spray booth	PCB			6/8/04 6/10/04	CWM Model City
<i>Transportation Corridor</i>							
Pile	12/3-4/04	Bulk asphalt waste from parking lot, except hot spots	solid waste	12/6-7/04	High Acres		
Roll Offs	12/3-4/04	Asphalt waste from hot spots in parking lot	PCB	12/6/2004	CWM Model City		

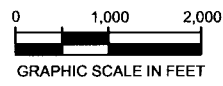
Notes:

1. An "*" indicates date assumed drum was filled.



Title: SITE LOCATION MAP
 Location: 175 MILENS ROAD
 TONAWANDA, NEW YORK
 Client:  GE ENERGY

SOURCE:
 USGS 7 1/2 Minute Series Topographic Maps
 Buffalo Northwest, 1965
 Buffalo Northeast, 1965
 Tonawanda West, 1980
 Tonawanda East, 1980



URS
 URS Corporation
 28 Corporate Drive, Suite 200
 Clifton Park, New York 12065

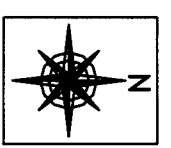
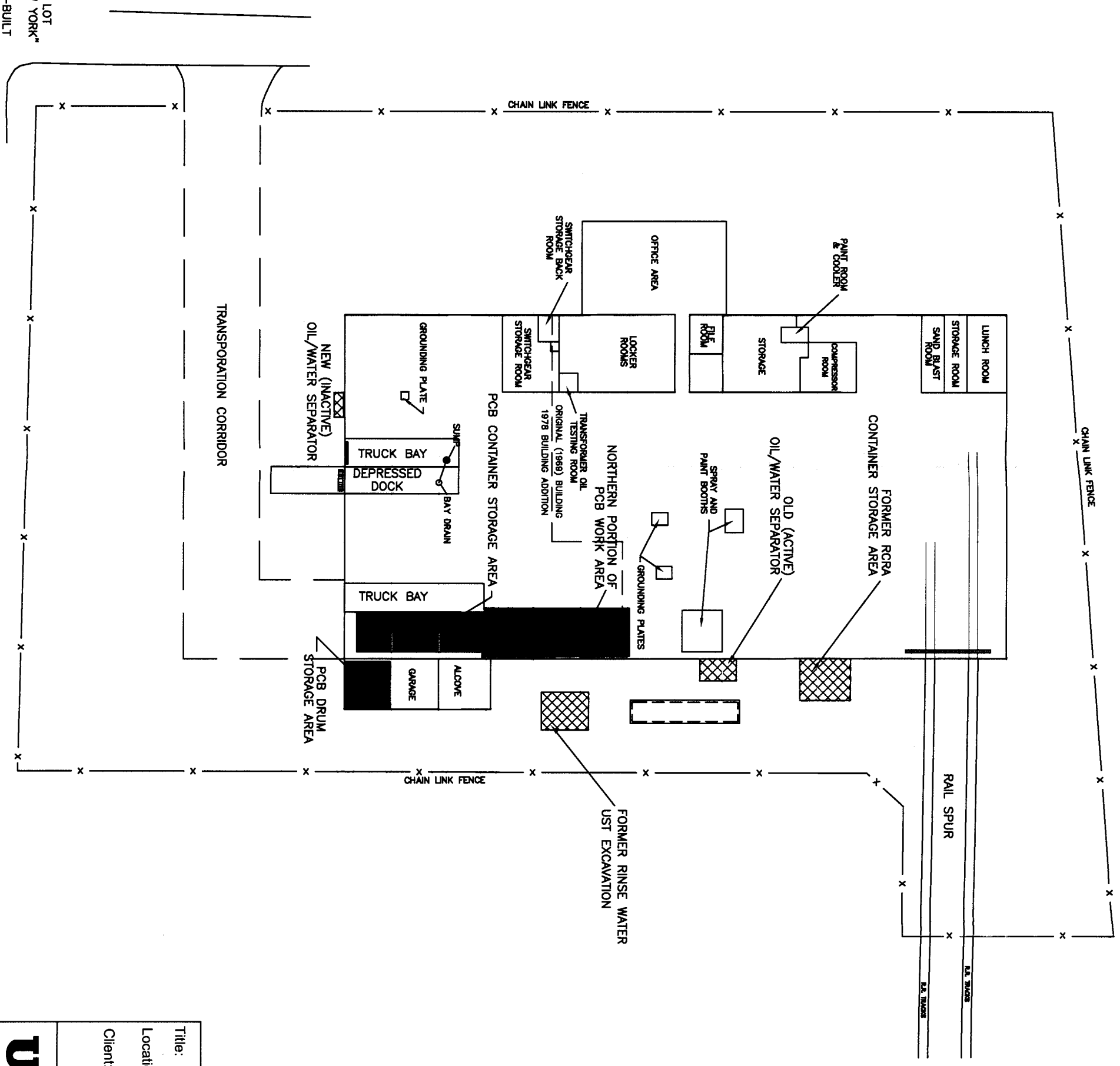
Drafter: DAD	Date: March 2006
Dr. Size: 8.5 x 11	Job No.: 38394429.0000

FIGURE 1

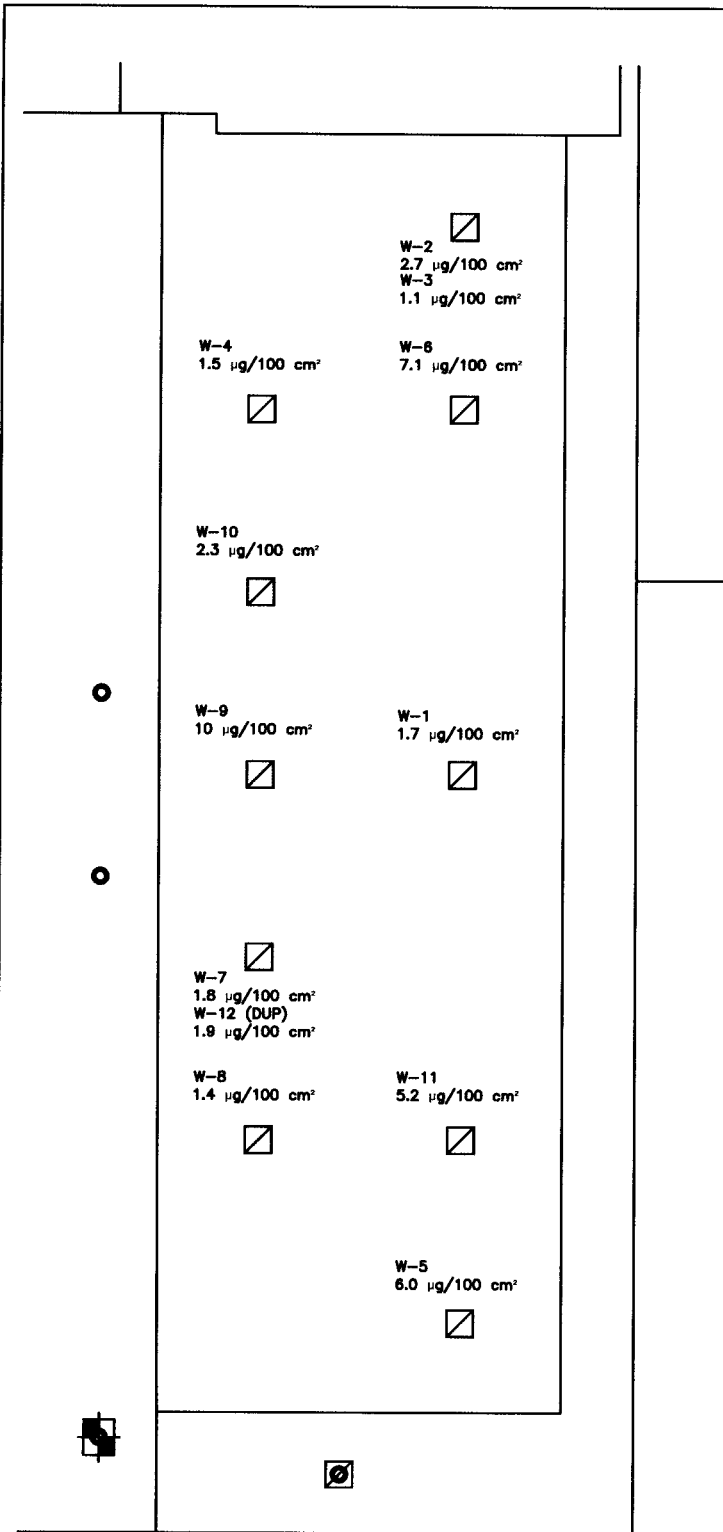
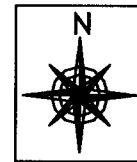
- SOURCES:**
1. "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.
 2. "1/8" PART FLOOR PLAN AND DETAILS," CANNON DESIGN INC., AS-BUILT 4-19-78.

NOTE: LOCATIONS ARE APPROXIMATE

- EXPLANATION**
- ☒ - SMMU/AOC
 - - PCB AREA DEACTIVATED 1994
 - - PCB AREA ACTIVE THROUGH JULY 2000
 - TRENCH DRAIN
 - COLUMN LINES



<p>URS URS Corporation 28 Corporate Drive, Suite 200 Clifton Park, New York 12065</p>		<p>GE ENERGY</p>	
<p>Title: SITE PLAN</p>	<p>Location: 175 MILENS ROAD TONAWANDA, NEW YORK</p>	<p>Drafter: KP</p>	<p>Date: March 2006</p>
<p>Client:</p>	<p>Job No.: 38394429.00000</p>	<p>Dwg. Size: 11 X 17</p>	<p>FIGURE 2</p>



LEGEND

- WIPE SAMPLE WITH PCB CONCENTRATIONS LESS THAN THE CLEANUP OBJECTIVE, SAMPLE ID, AND TOTAL PCB CONCENTRATION IN µg/100 cm²
- WIPE SAMPLE WITH PCB CONCENTRATIONS GREATER THAN THE CLEANUP OBJECTIVE
- CONCRETE CHIP SAMPLE WITH PCB CONCENTRATIONS GREATER THAN THE CLEANUP OBJECTIVE
- CONCRETE CORE SAMPLE LOCATION



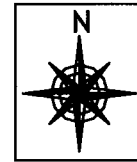
NOTES:

- LOCATIONS ARE APPROXIMATE.
- FIGURES 5 AND 6 SHOW DETAILS FOR TRUCK BAY AND DEPRESSED DOCK, RESPECTIVELY. FIGURE 8 SHOWS ALL THE INTERIOR SAMPLING LOCATIONS.







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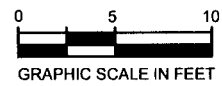
- "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.
- "1/8" PART FLOOR PLAN AND DETAILS," CANNON DESIGN INC., AS-BUILT 4-19-78.
- "1/18 FLOOR PLAN AND MEZZANINE FLOOR PLAN" CANNON DESIGN, INC., APRIL 19, 1978.

Title: SUMMARY OF PCB SAMPLING FOR PCB CSA	
Location: 175 MILENS ROAD TONAWANDA, NEW YORK	
Client:	GE ENERGY
URS <small>URS Corporation 28 Corporate Drive, Suite 200 Clifton Park, New York 12065</small>	Drafter: KP
	Date: March 2006
Drg. Size: 8.5 x 11	Job No.: 38394429.00000
FIGURE 3	



LEGEND

- 
 WIPE SAMPLE WITH PCB CONCENTRATIONS LESS THAN THE CLEANUP OBJECTIVE, SAMPLE ID, AND PCB CONCENTRATION IN $\mu\text{g}/100\text{ cm}^2$
- 
 WIPE SAMPLE WITH PCB CONCENTRATIONS GREATER THAN THE CLEANUP OBJECTIVE, SAMPLE ID, AND PCB CONCENTRATION IN $\mu\text{g}/100\text{ cm}^2$
- 
 CONCRETE CHIP SAMPLE WITH PCB CONCENTRATIONS GREATER THAN THE CLEANUP OBJECTIVE, SAMPLE ID, AND PCB CONCENTRATION IN mg/kg
- 
 CONCRETE CORE SAMPLE LOCATION
- 
 SAMPLE ID AND PCB CONCENTRATION FOR SAMPLES WITH PCB CONCENTRATION BELOW DETECTION LIMITS
- 
 SAMPLE ID AND PCB CONCENTRATION FOR SAMPLE WITH PCB CONCENTRATION LESS THAN CLEANUP OBJECTIVE

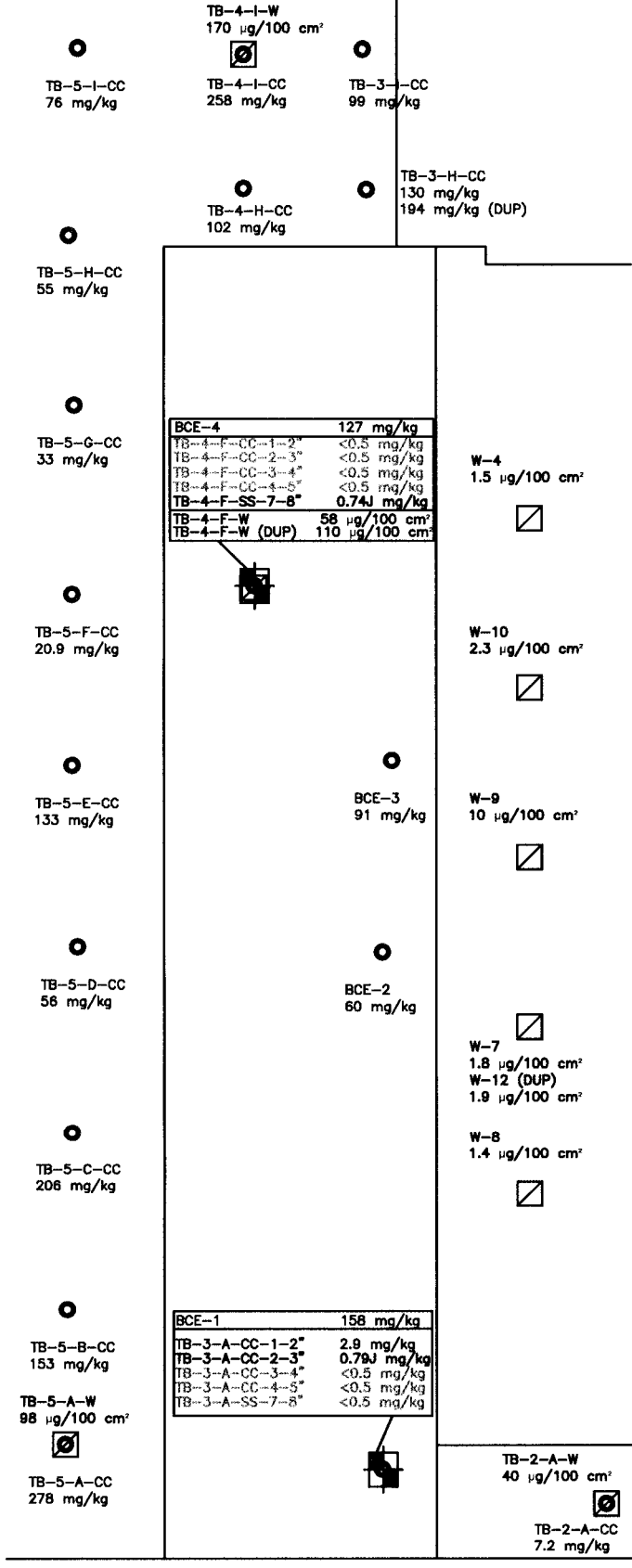




NOTES:
 1. LOCATIONS ARE APPROXIMATE.
 2. FIGURES 4 AND 6 SHOW DETAILS FOR PCB CSA AND DEPRESSED DOCK, RESPECTIVELY. FIGURE 8 SHOWS ALL THE INTERIOR SAMPLING LOCATIONS.

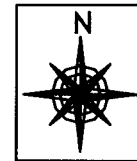
SOURCES:
 1. "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.
 2. "1/8" PART FLOOR PLAN AND DETAILS," CANNON DESIGN INC., AS-BUILT 4-19-78.
 3. "1/16 FLOOR PLAN AND MEZZANINE FLOOR PLAN" CANNON DESIGN, INC., APRIL 19, 1978.

BCE-4	127 mg/kg
TB-4-F-CC-1-2"	<0.5 mg/kg
TB-4-F-CC-2-3"	<0.5 mg/kg
TB-4-F-CC-3-4"	<0.5 mg/kg
TB-4-F-CC-4-5"	<0.5 mg/kg
TB-4-F-SS-7-8"	0.74J mg/kg
TB-4-F-W	58 $\mu\text{g}/100\text{ cm}^2$
TB-4-F-W (DUP)	110 $\mu\text{g}/100\text{ cm}^2$

BCE-1	158 mg/kg
TB-3-A-CC-1-2"	2.9 mg/kg
TB-3-A-CC-2-3"	0.78J mg/kg
TB-3-A-CC-3-4"	<0.5 mg/kg
TB-3-A-CC-4-5"	<0.5 mg/kg
TB-3-A-SS-7-8"	<0.5 mg/kg



Title: SUMMARY OF PCB SAMPLING NEAR AT GRADE TRUCK BAY					
Location: 175 MILENS ROAD TONAWANDA, NEW YORK					
Client:  GE ENERGY					
 URS Corporation 28 Corporate Drive, Suite 200 Clifton Park, New York 12065	<table border="1"> <tr> <td>Drafter: KP</td> <td>Date: March 2006</td> </tr> <tr> <td>Drg. Size: 8.5 x 11</td> <td>Job No.: 38394429.00000</td> </tr> </table>	Drafter: KP	Date: March 2006	Drg. Size: 8.5 x 11	Job No.: 38394429.00000
Drafter: KP	Date: March 2006				
Drg. Size: 8.5 x 11	Job No.: 38394429.00000				
FIGURE 4					



DD-2-E-CC
19.4 mg/kg

BCW-5	35 mg/kg
DD-1-E-CC-2-3*	<0.5 mg/kg
DD-1-E-CC-3-4*	<0.5 mg/kg
DD-1-E-CC-4-5*	<0.5 mg/kg
DD-1-E-SS-7-8*	<0.5 mg/kg

DD-2-D-CC
22.2 mg/kg

BCW-4
10.6 mg/kg
BCW-8 (DUP)
20.1 mg/kg

BCW-3
3.7 mg/kg

DD-1-B-CC
2.12 mg/kg

BCW-2	<0.5 mg/kg
DD-2-B-CC-1-2*	<0.5 mg/kg
DD-2-B-CC-2-3*	<0.5 mg/kg
DD-2-B-CC-3-4*	<0.5 mg/kg
DD-2-B-CC-4-5*	<0.5 mg/kg
DD-2-B-SS-7-8*	<0.5 mg/kg

BCW-1
1.18 mg/kg

DD-1-A-CC
3.6 mg/kg



LEGEND



TRENCH DRAIN



BCW-2
<0.5 mg/kg

CONCRETE CHIP SAMPLE WITH PCB CONCENTRATIONS BELOW DETECTION LIMITS AND SAMPLE ID



TB-7-C-CC
15.3 mg/kg

CONCRETE CHIP SAMPLE WITH PCB CONCENTRATIONS GREATER THAN THE CLEANUP OBJECTIVE, SAMPLE ID, AND PCB CONCENTRATION IN mg/kg



CONCRETE CORE SAMPLE LOCATION

NOTES:

- LOCATIONS ARE APPROXIMATE.
- FIGURES 4 AND 5 SHOW DETAILS FOR PCB CSA AND TRUCK BAY, RESPECTIVELY. FIGURE 8 SHOWS ALL THE INTERIOR SAMPLING LOCATIONS

SOURCES:

- "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 28, 1998.
- "1/8" PART FLOOR PLAN AND DETAILS," CANNON DESIGN INC., AS-BUILT 4-19-78.
- "1/16 FLOOR PLAN AND MEZZANINE FLOOR PLAN" CANNON DESIGN, INC., APRIL 19, 1978.

Title:

SUMMARY OF PCB SAMPLING
FOR DEPRESSED DOCK

Location:

175 MILENS ROAD
TONAWANDA, NEW YORK

Client:



GE ENERGY

URS

URS Corporation
28 Corporate Drive, Suite 200
Clifton Park, New York 12065

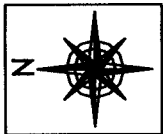
Drafter:
KP

Date:
March 2006

Drg. Size:
8.5 x 11

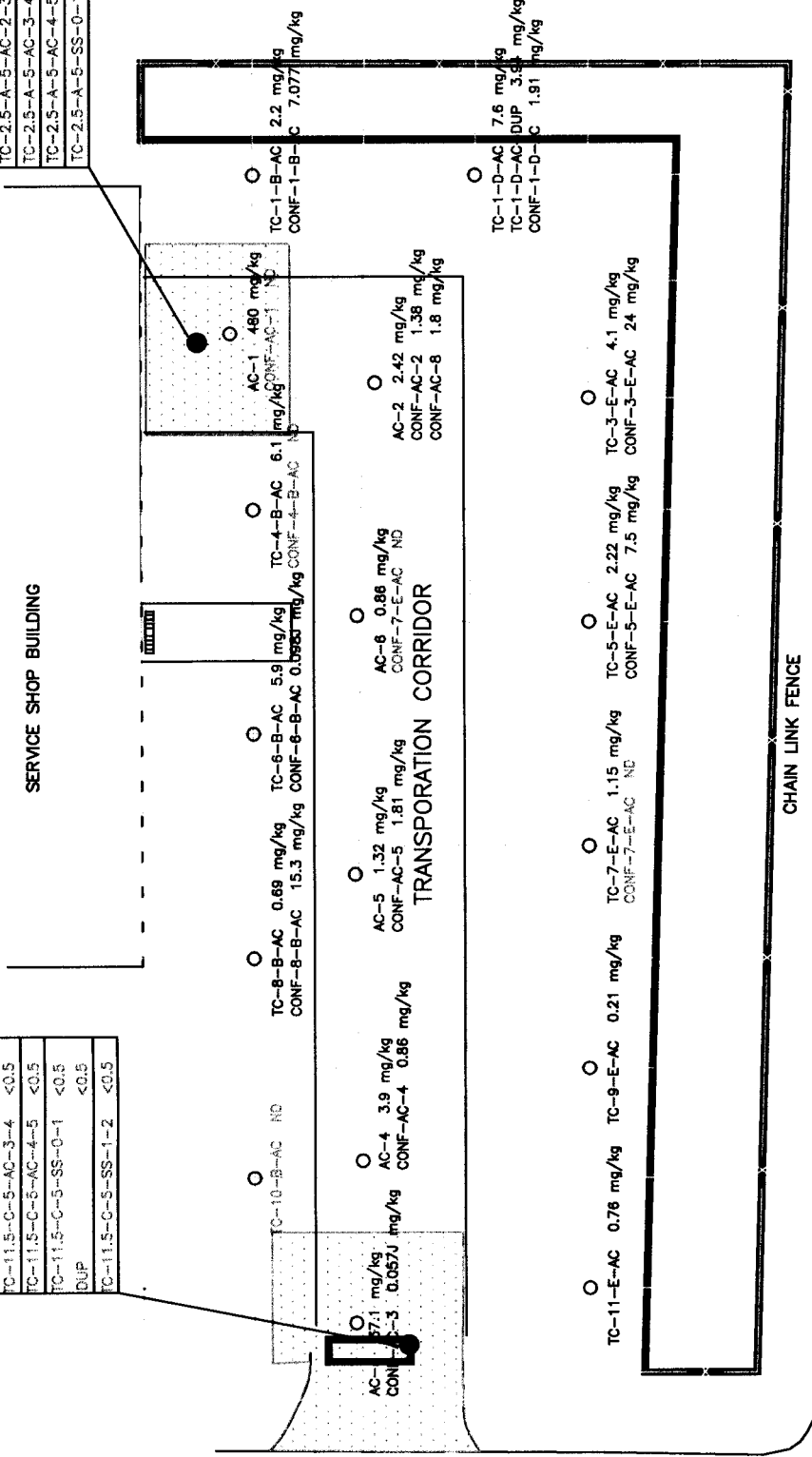
Job No.:
38394429.00000

FIGURE 5



TC-11.5-C-5-AC-1-2	<0.5
TC-11.5-C-5-AC-2-3	<0.5
TC-11.5-C-5-AC-3-4	<0.5
TC-11.5-C-5-AC-4-5	<0.5
TC-11.5-C-5-SS-0-1	<0.5
DUP	
TC-11.5-C-5-SS-1-2	<0.5

TC-2.5-A-5-AC-1-2	<0.5
TC-2.5-A-5-AC-2-3	<0.5
TC-2.5-A-5-AC-3-4	<0.5
TC-2.5-A-5-AC-4-5	<0.5
TC-2.5-A-5-SS-0-1	<0.5



LEGEND

- TRENCH DRAIN
- ASPHALT CHIP SAMPLE LOCATION
- CORE LOCATION
- SAMPLE ID FOR LOCATIONS WITH PCB CONCENTRATIONS BELOW DETECTION LIMITS
- SAMPLE ID AND PCB CONCENTRATION FOR SAMPLES WITH PCB CONCENTRATIONS LESS THAN CLEANUP OBJECTIVE
- SAMPLE ID AND PCB CONCENTRATION FOR SAMPLES WITH PCB CONCENTRATIONS GREATER THAN CLEANUP OBJECTIVE
- AREA WHERE REMOVED ASPHALT SEGREGATED AS TSCA WASTE
- AREAS SOUTH OF THE SHOP WHERE ASPHALT WAS NOT REMOVED



NOTE: LOCATIONS ARE APPROXIMATE.

SOURCE: MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK, KREBEL ASSOCIATES, JULY 29, 1998.

SUMMARY OF PCB SAMPLING FOR TRANSPORTATION CORRIDOR

Title: SUMMARY OF PCB SAMPLING FOR TRANSPORTATION CORRIDOR

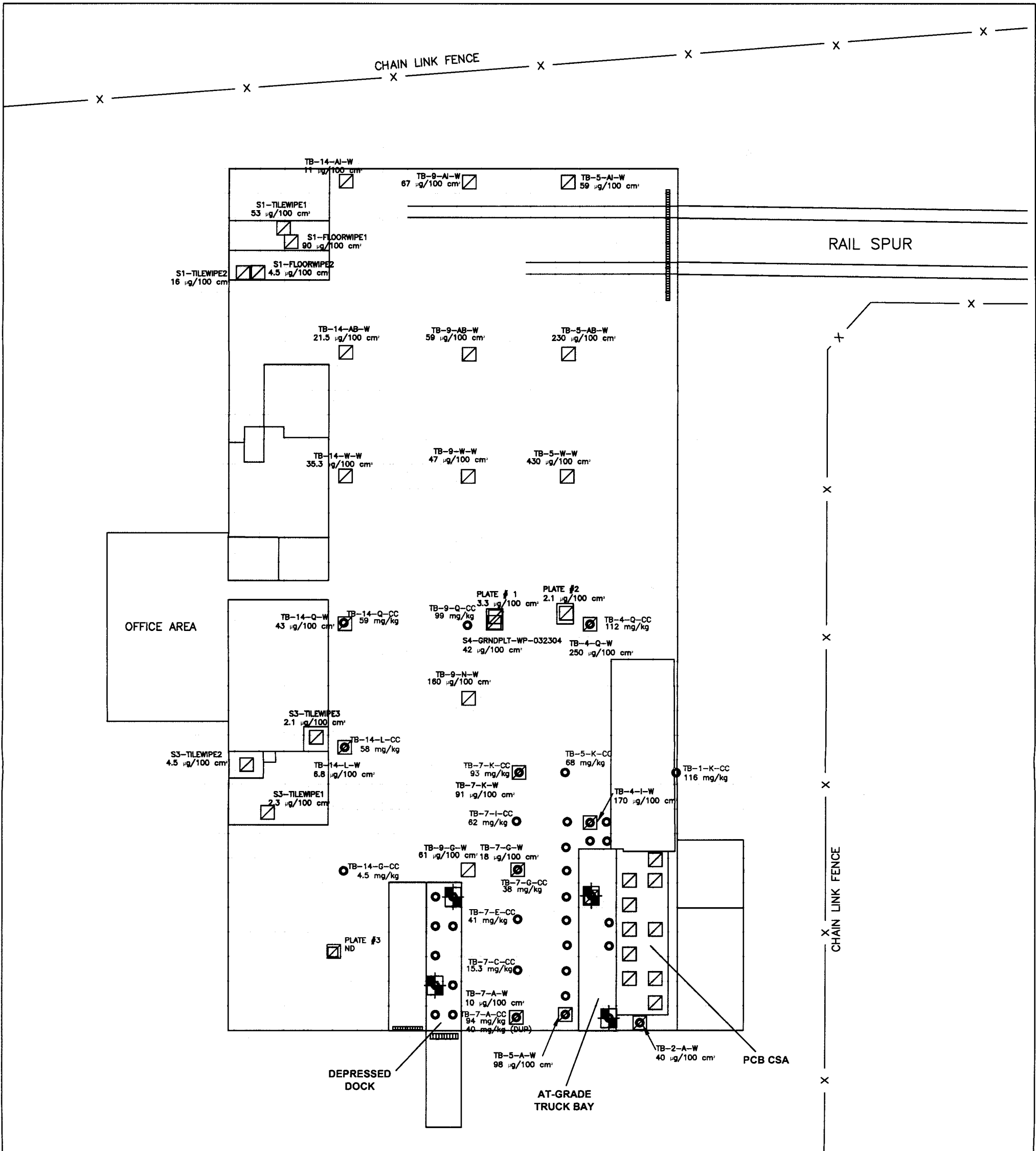
Location: 175 MILENS ROAD TONAWANDA, NEW YORK

Client: GE ENERGY

URS Corporation
28 Corporate Drive, Suite 200
Clifton Park, New York 12065

Drafter: KP	Date: March 2006
Drp. Size: 8.5 x 11	Job No.: 3839429.00000

FIGURE 6

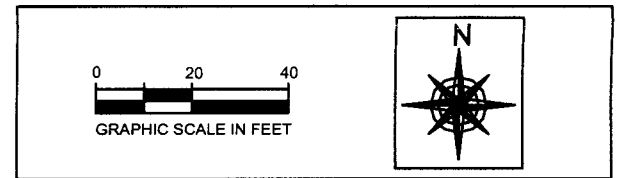


LEGEND

- TRENCH DRAIN
- WIPE SAMPLE WITH PCB CONCENTRATIONS BELOW DETECTION LIMITS, SAMPLE ID, AND PCB CONCENTRATION IN µg/100 cm²
- WIPE SAMPLE WITH PCB CONCENTRATIONS LESS THAN THE CLEANUP OBJECTIVE, SAMPLE ID, AND PCB CONCENTRATION IN µg/100 cm²
- WIPE SAMPLE WITH PCB CONCENTRATIONS GREATER THAN THE CLEANUP OBJECTIVE, SAMPLE ID, AND PCB CONCENTRATION IN µg/100 cm²
- CONCRETE CHIP SAMPLE WITH PCB CONCENTRATIONS BELOW DETECTION LIMITS
- CONCRETE CHIP SAMPLE WITH PCB CONCENTRATIONS GREATER THAN THE CLEANUP OBJECTIVE, SAMPLE ID, AND PCB CONCENTRATION IN mg/kg
- CONCRETE CORE SAMPLE LOCATION

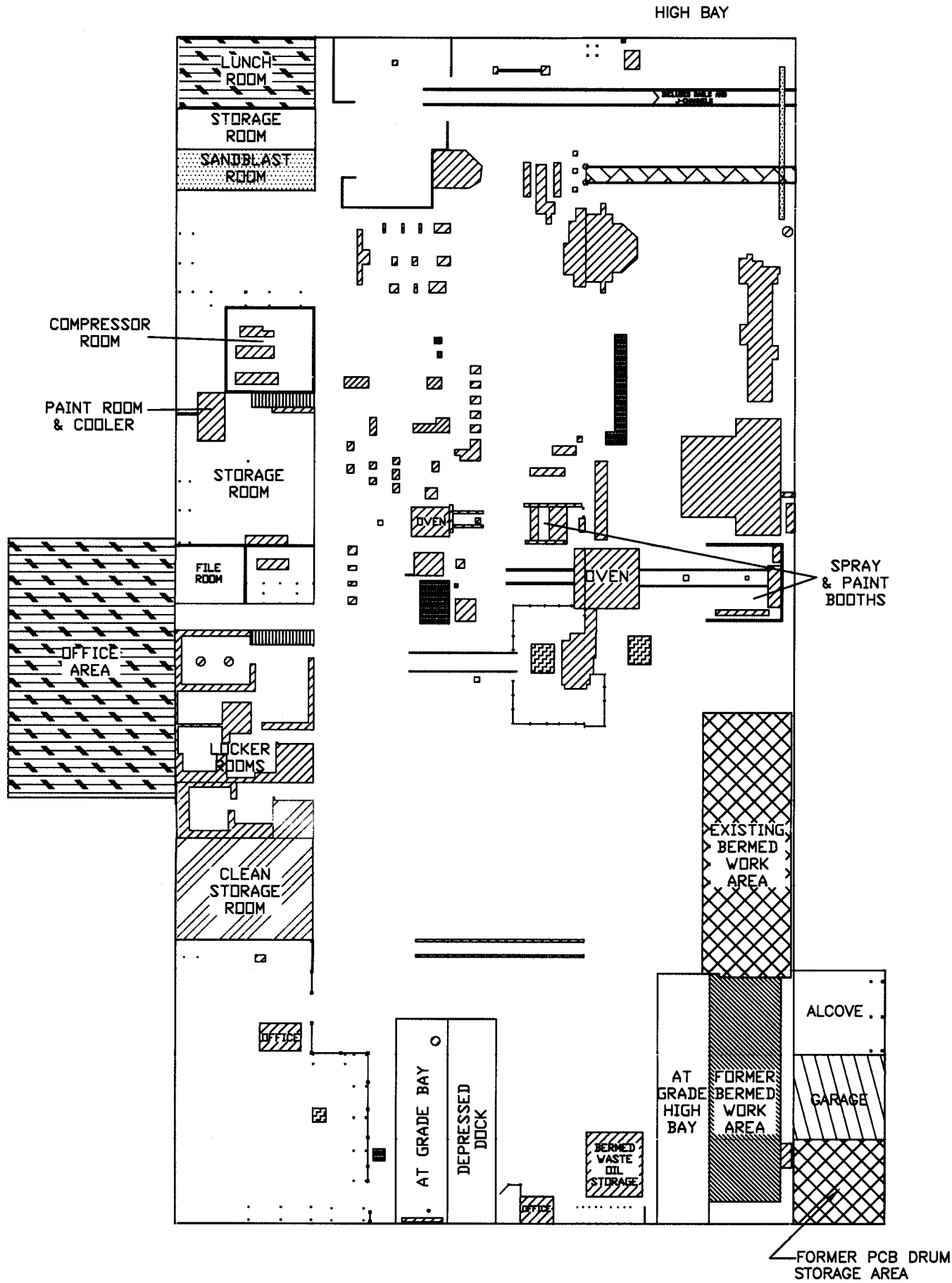
NOTES:
 1. LOCATIONS ARE APPROXIMATE.
 2. FIGURES 4, 5, AND 6 SHOW DETAILS FOR PCB CSA, AT-GRADE TRUCK BAY, AND DEPRESSED DOCK, RESPECTIVELY

SOURCES:
 1. "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.
 2. "1/8" PART FLOOR PLAN AND DETAILS," CANNON DESIGN INC., AS-BUILT 4-19-78.
 3. "1/16 FLOOR PLAN AND MEZZANINE FLOOR PLAN" CANNON DESIGN, INC., APRIL 19, 1978.



Title: SUMMARY OF PCB SAMPLING RESULTS INSIDE SERVICE CENTER	
Location: 175 MILENS ROAD TONAWANDA, NEW YORK	
Client: GE ENERGY	
	Drafter: KP Date: March 2006
URS Corporation 28 Corporate Drive, Suite 200 Clifton Park, New York 12065	Drg. Size: 11 x 17 Job No.: 38394429.00000
FIGURE 7	

P:\in Progress\IG\T\Tonawanda\PCB Storage\draft\ent report\2006 draft\Figures\F7 floor_samo_sum.dwg



LEGEND

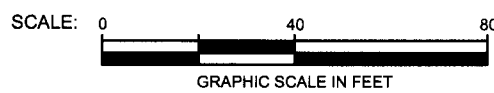
- Coating Completed
- Equipment/Office Removed, Coating Completed
- Drain Area Repaired, Coating Reapplied
- Inaccessible Areas, Coating Not Required
- Non-Contiguous Area, Coating Not Required
- Non-Manufacturing Areas
- Area Previously Clean Closed in 1994, Coating Not Required
- Area Documented Clean, Coating Not Required
- Cleaned Grounding Plate, Coating Not Required
- PCB-Contaminated, Asbestos-Containing Tile Removed, Coating Not Required
- Epoxy Top Coat Completed Over Existing Clean Base Coat for Aesthetics
- Heaved Concrete Replaced

NOTES:

1. Inaccessible areas are based on measurements taken during epoxy coating activities (December 2003 through June 2004).
2. The walls of the depressed dock were also coated with epoxy.
3. Interior of main shop area is 180 feet by 350 feet.

SOURCES:

1. "Map of General Electric Service Center Property, Part of Lot 45, Township 12, Range 8, Town of Tonawanda, Erie County, New York" Kriebel Associates, July 29, 1998.
2. "1/16 Floor Plan and Mezzanine Floor Plan" Cannon Design, Inc., April 19, 1978.
3. "1/8 Part Floor Plan and Details" Cannon Design, Inc., April 19, 1978.



Title: EPOXY-COATED AREAS AT THE TONAWANDA SERVICE CENTER

Location: 175 MILENS ROAD TONAWANDA, NEW YORK

Client: GE ENERGY



Drafter: KP	Date: March 2006
Drg. Size: 11x17	Job No.: 38394429.00000

FIGURE 8

APPENDIX A
USEPA APPROVED AND NYSDEC ACCEPTED
REVISED CLOSURE PLAN



REVISED CLOSURE PLAN

Prepared for:

**GE APPARATUS SERVICE SHOP
TONAWANDA, NEW YORK**

June 28, 2000

Prepared by:

URS Corporation
646 Plank Road, Suite 202
Clifton Park, NY 12065
Tel: 518.688.0015
Fax: 518.688.0022

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- 7 PCB Analytical Results Soil Samples West Side of Shop
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- 9 Recommended Alternative Corrective Measure Study
- 10 Closure Schedule

APPENDICES

Appendix A *Deactivation Report*



June 28, 2000

Mr. David Greenlaw
MS105
USEPA Facilities
Raritan Depot
2890 Woodbridge Avenue
Edison, NJ 08837-3679

Re: *Revised Closure Plan*
Commercial PCB Storage Area
Tonawanda, New York

Dear Mr. Greenlaw:

On behalf of General Electric Company (GE), URS is submitting the attached *Revised Closure Plan* for the commercial PCB storage area at GE's service shop in Tonawanda, New York for your review and comment. GE will be closing their commercial PCB storage area and wishes to conduct the closure in accordance with this *Revised Closure Plan*.

URS has modified the existing approved *Closure Plan* to reflect changes at the site and address your comments on a draft of this *Revised Closure Plan*. The attached *Revised Closure Plan* is based on the existing *Closure Plan* and incorporates information from the *RCRA Facility Investigation (RFI) Report* prepared by Dames & Moore (a division of URS) and the *Corrective Measure Study* prepared by Dames & Moore. In response to your comments on the previous draft, we have modified these sections of this *Revised Closure Plan*:

- Section 2.3.3 - Includes floor of depressed dock area in scope of closure,
- Section 4.0 - Includes floor of depressed dock area in scope of closure,
- Section 5.1.1 - Includes floor of depressed dock area in scope of closure,
- Section 5.1.2 - Includes floor of depressed dock area in scope of closure and clarifies sampling plan for PCB area and truck bay, and
- Section 5.1.3 - Clarifies number of samples to be collected from paved transportation corridor.

If you have any questions regarding this material, please contact Dawn Varacchi of GE at (508) 486-0503 or Don Porterfield of URS at (518) 688-0015.

Very truly yours,

URS

Don Porterfield, P.E.
Senior Engineer

Attachment

cc: Dawn Varacchi – GE
Kevin McNally – GE
Tony Hejmanowski - GE

URS Corporation
646 Plank Road, Suite 202
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Tel: 518.688.0015
Fax: 518.688.0022

GE – Tonawanda / June 28, 2000
42368-205 / L4808L3

1.0 INTRODUCTION

On behalf of General Electric Company (GE), URS Corporation (URS) has prepared this *Revised Closure Plan (RCP)* for the commercial storage of polychlorinated biphenyl (PCB) waste at GE's Tonawanda Apparatus Service Division service shop. This *RCP* supercedes the approved *Closure Plan*, dated July 1992 (revised).

In 1995, the United States Environmental Protection Agency (EPA) issued an approval for GE to operate their Tonawanda shop as a commercial storage facility for PCB wastes. The approval, which was issued by the EPA under Toxic Substances Control Act (TSCA), will expire on July 31, 2000.

In New York State, the Resource Conservation and Recovery Act (RCRA) program, which regulates hazardous wastes, is administered by the New York State Department of Environmental Conservation (DEC). GE maintains a 6 *NYCRR Part 373 Hazardous Waste Management Permit (373 Permit)*, which was issued by the DEC in May 1996, for the Tonawanda service shop.

The existing *Closure Plan*, dated 1992, was incorporated, by reference, into EPA's approval for the commercial storage of PCB waste. GE's operations at their Tonawanda shop have changed since the 1992 *Closure Plan* was prepared. This *RCP* has been prepared to reflect those changes.

Section 2.0 describes the site and the changes in site conditions since 1992. The remainder of this report describes closure actions. Section 3.0 describes the objectives of this *RCP*. Section 4.0 provides an overview of the closure process and Section 5.0 provides the detailed description of closure procedures. Section 6.0 describes the schedule for closure.

2.0 BACKGROUND

GE's Tonawanda Service Shop is located at 175 Milens Road, Tonawanda, New York. As shown in Figure 1, the shop is in an urban area that includes some commercial businesses and other industries. GE built the slab-on-grade building in 1968 and 1969 and expanded the building in 1978. GE uses the service shop, which is also known, as the Buffalo Service Shop, to repair industrial equipment, such as electric motors, transformers, turbines, pumps, and compressors.

During operations at the shop, GE generates hazardous wastes. GE also formerly received liquids, solids, and other articles containing PCBs from customers and other GE facilities for repair or storage prior to shipment for off-site disposal or treatment at facilities with the appropriate permits.

2.1 RECENT HISTORY

GE currently operates an approved commercial PCB storage area inside their Tonawanda service shop. GE has used the PCB storage area to service PCB-containing equipment and to store PCB wastes generated from their activities at the shop prior to shipping the PCB wastes to appropriately licensed disposal facilities. As shown in Figure 2, the PCB storage area is in the southeast corner of the shop.

The operations at the site and the regulatory status of the site have changed since the existing *Closure Plan* was revised in July 1992. In 1994, GE deactivated portions of the approved PCB storage area. In addition, as a condition of their 373 *Permit*, GE has conducted a RCRA Facility Investigation (RFI) and recently completed a Corrective Measure Study at their Tonawanda service shop.

2.1.1 Changes at the Service Shop

On August 1, 1990, when GE submitted the application to the EPA, the PCB management area consisted of a bermed work area and a PCB drum storage area.

In 1994, GE deactivated the PCB drum storage area and the northern portion of the work area. Appendix A presents the December 15, 1994 letter report (*Deactivation Report*) by ERM that describes the work and certifies the deactivation. In their June 9, 1995 approval letter, entitled *Notice of Issuance of Approval of General Electric Company Tonawanda Service Center Tonawanda, New York NYD067539940 As a Commercial Storer of PCB Waste*, EPA stated that "If an area is not used again for storage of PCB waste, the decontamination activities described in GE's December 15, 1994 report will generally not be required to be repeated for final closure."

Based on discussions with GE, URS understands that GE has not used the northern portion of the PCB work area or the PCB drum storage area for either the handling or storage of PCB wastes since those areas were deactivated in 1994. Therefore, this *RCP* addresses only the 1,230 square foot active PCB area that is shown in Figure 2.

2.1.2 373 Permit

The 373 Permit allows GE to store hazardous wastes that contain volatile organic compounds (VOCs), metals, and PCBs at a storage area on the northeast side of the building (Figure 2). GE does not treat or dispose hazardous or solid wastes at the site.

Because PCBs are considered a hazardous waste in the state of New York, GE's *373 Permit* covers the interior PCB storage area as well as the RCRA container storage area. The terms of GE's 373 Permit state that the *Closure Plan* for the PCB storage area is incorporated, by reference, into the *Closure Plan* for GE's 373 Permit.

2.1.3 RCRA Corrective Action

In accordance with the terms of the 373 Permit, GE has begun Corrective Action at the site. Module III of GE's *373 Permit* requires Corrective Actions for all releases of hazardous wastes or constituents from any Solid Waste Management Units (SWMUs) or Areas of Concern (AOCs). Module III of the *373 Permit* lists eight SWMUs and AOCs at the Tonawada shop. These eight units, which are shown in Figure 2, are:

- RCRA Container Storage Area
- PCB Container Storage Area
- PCB Work Area
- Former Rinse Water Underground Storage Tank
- Old Oil/Water Separator
- New Oil/Water Separator
- Floor Drains and Sewers
- Rail Spur

Seven of the eight SWMUs listed in GE's *373 Permit* are within the areas the existing *Closure Plan* specifies for sampling. The only SWMU that is not within the areas to be sampled are the floor drains and the sewers.

Under RCRA, Corrective Actions are to be implemented wherever they are necessary, including areas beyond the boundaries of the facility. Corrective Actions include a RCRA Facility Assessment (RFA), an RFI and, if needed, Corrective Measures. GE completed the RFA in 1988 and the RFI in 1998. A Corrective Measure Study (CMS) was completed in 2000.

The RFI was submitted to the DEC April 2, 1999 and a copy was sent to Mr. James Reidy of the EPA. The results of the RFI indicate that the concentrations of selected constituents (primarily PCBs) at the Tonawanda shop exceed the recommended soil cleanup objectives (RSCOs) published by the DEC in TAGM HWR-94-4046.

Figure 3 shows the locations from which samples have been collected and analyzed for PCBs during the RFI. Table 1 summarizes the analytical results for sediment samples collected at the

site. Table 2 and 3 summarize the PCB analytical results for PCBs in groundwater and water. Figures 4 through 7 present the analytical results for PCBs in soil samples.

The RFI identified five locations for which corrective measures were warranted. At NYSDEC's request, GE prepared a focused CMS. The locations, shown in Figure 8, that were the subject of the CMS are:

- The former rinse water UST investigation;
- The sewer lines east of the building near the former rinse water tank;
- The truck bay trench and sump;
- The area around the old oil/water separator; and
- The surface soils near the rail spur.

Surface soils, subsurface soils, or sediments in these five areas contain concentrations of PCBs that exceed the DEC's RSCOs. The CMS evaluated six alternatives for the focused CMS locations. The recommended alternative from the CMS is presented in Figure 9. The CMS was submitted to the DEC on April 24, 2000 and a copy was sent to Mr. Reidy of the EPA.

The corrective measure that was recommended for implementation includes:

- Institutional actions such as deed restrictions, fences and signs to isolate low-occupancy areas near rail spur and east side of shop building;
- Surface soil excavation of a soil pile and isolated areas near the rail spur;
- Sediment removal from storm sewers, truck bay trench, and sump;
- Off-site disposal of soil and sediment;
- Storm sewer cleaning;
- Sealing of floor drain;
- Sewer lining;
- Asphalt cap over the former rinse water UST area; and
- Groundwater monitoring

In Section 2.3, the conclusions of the RFI and the recommendations from the CMS will be briefly described as they relate to the sampling required by the existing *Closure Plan*.

2.2 DESCRIPTION OF PCB STORAGE AREA

As shown in figure 2, GE's active PCB area is in the southeast corner of the Tonawanda service shop. The area is 68.5 feet long, 18 feet wide, and is enclosed with a berm that is 0.75 feet high.

The storage area is bordered to the south by an exterior wall, to the west by a truck bay, to the north by the deactivated portion of the PCB work area, and to the east by a shop tool storage area and the deactivated PCB drum storage area.

According to GE's existing *Closure Plan*, which was written before portions of the PCB areas were deactivated, the PCB areas were two separate and distinctly bermed areas: the PCB drum storage area and the former PCB work area. The current active PCB area was a part of the former PCB work area. Table 4 summarizes the storage capacity given in the existing *Closure Plan* and the storage capacity of GE's current active PCB area.

2.3 COMPARISON OF EXISTING SAMPLING PLAN TO ONGOING CORRECTIVE ACTIONS

This section compares the sampling plan and proposed cleanup actions in the July 1992 *Closure Plan* to the results of the RFI (1999) and corrective actions recommended in the CMS (2000). These comparisons form the basis for the proposed changes to the closure plan. The sampling plan that is proposed in this *RCP* is presented in Section 5.0.

2.3.1 Interior Surfaces

The existing *Closure Plan* calls for interior surfaces to be wipe sampled on a 10-foot grid. Wipe samples were chosen because the surface of the PCB areas is epoxy-coated and non-porous. The grid was to be continued up the walls and additional wipe samples collected at two- and eight-foot heights. The *Closure Plan* called for 50 percent of the surface samples to be collected and analyzed, initially, with the provision for additional wipe samples based on the analytical results and judgmental sampling.

The extent of the grid and, consequently, the number of wipe samples stated in the closure plan were based upon GE's entire approved PCB storage area being active. Since the existing *Closure Plan* was prepared, GE has deactivated more than 63 percent of the area that was originally approved for storage. Therefore, this *RCP* proposes a smaller grid area and, consequently fewer wipe samples in the interior of the building.

The RFI primarily focused on the exterior of the Tonawanda shop building and did not include sampling in the PCB storage area. Therefore, the RCRA corrective action program has no bearing on the interior sampling for the closure of the PCB storage area.

The *Deactivation Report*, which summarizes the deactivation of portions of the PCB storage area, documents that the floor was scarified to achieve the cleanup objectives. GE anticipates that scarification may be required in the active area.

2.3.2 Exterior Surfaces

The existing *Closure Plan* calls for the collection of wipe samples from locations on exterior surfaces on a 20-foot grid. The grid extended from the gate on the access road southwest of the building, east to the southeast building corner, then north along the east wall to the rail spur, and

then east to the fence. The grid was to be continued up the outside walls and additional wipe samples collected two feet above grade. In addition, supplemental sampling would include collecting chip samples from the parking lot.

The scope of work for the RFI included an investigation of the soil quality outside the building adjacent to, but not beneath, the PCB container storage area (CSA). The RFI also included an investigation of the soil and groundwater quality around the new oil/water separator south of the service shop.

The soils south and southeast of the PCB CSA do not appear to have been significantly impacted by PCBs. Both surface and subsurface soil samples collected from south of the building during the RFI were found to have concentrations of PCBs either less than method detection limits or less than the DEC RSCOs for PCBs. Therefore, neither additional investigative work nor corrective action was deemed necessary in this area.

The RFI also included an investigation of the soil quality outside the building east of the PCB work area. During previous investigations, PCBs were detected in the surface soils east of the building between the old oil/water separator and the former rinse water tank. The fill within the former rinse water tank excavation and the perched water within the fill showed evidence of impacts from either PCBs or VOCs. The impacted soil appears to be limited to the former UST excavation. Contamination migration to the native soils around or beneath the former UST excavation is limited to the materials in the immediate proximity of the former excavation. The old oil/water separator may have been a source of the PCBs found in soil and perched groundwater along the sewer line south of the old oil/water separator.

As a result of the investigation, the area outside the PCB work area near the old oil/water separator and the former rinse water tank was included in the focused CMS. The recommended corrective action for this location is for subsurface soils to be covered with a 3,500 square foot asphalt cap. After being cleaned, the sewer lines near the former rinse tank excavation would be lined to prevent infiltration of perched groundwater. Both deep groundwater and shallow, perched groundwater would be monitored for five years.

The scope of work of the RFI also included an investigation of soil quality in the area around the rail spur. The surface soils near the rail spur in the northeast part of the site contain concentrations of PCBs (up to 142 mg/kg) that exceed the RSCO of 1.0 mg/kg for surface soil. However, the concentrations of PCBs in subsurface soils are less than the RSCO of 10 mg/kg. The rail spur area was included in the focused CMS.

The recommended alternative for surface soil in the rail spur area is excavation and off-site disposal at appropriately permitted facilities. Approximately 100 cubic yards of piled soil and approximately 20 cubic yards of surface soil from two locations where the soil with PCB concentrations that exceed 25 mg/kg would be removed. The remaining soil would meet the 25 mg/kg criteria for low occupancy areas. Additional fencing would be installed to restrict access.

Since no problem areas were identified south of the building, and four corrective measures are proposed for areas east of the building, this *RCP* does not include sampling on the south or east

side of the building. As discussed below, some exterior sampling will be conducted near the transportation corridor.

2.3.3 Transportation Facilities

The existing *Closure Plan* calls for collection of approximately 10 surface (chip) samples at equally spaced intervals beginning 100 feet outside the security gate and continuing to the loading docks. The existing *Closure Plan* also calls for collection of samples from the truck ramps and loading docks at ten-foot intervals.

As described in the RFI, the exterior drains in the truck bay trench and the truck bay sump contain PCBs. PCBs were found in the truck bay trench (240 mg/kg) and the sump in the truck bay area (24 mg/kg) on the south side of the building. The truck bay is an area for which corrective measures have been proposed.

The recommended corrective measure for the truck bay trench and sump is the removal of PCB contaminated sediments and cleaning of the storm sewer. The sediments would be dewatered and transported off-site for disposal at properly licensed facilities.

Although the truck bay trench and sump have already been identified as areas requiring corrective measures, this *RCP* includes collection of wipe samples from the floor in the depressed dock area. Collection of samples from the depressed dock area truck bay adjacent to the active storage area will be included in the *RCP* and is described in Section 5.1.

2.3.4 Drainage Ditches and Surface Runoff

GE's existing *Closure Plan* calls for collection of sediment samples to evaluate whether PCBs are in the drainage ditches or surface depressions. Soil and water samples were collected from a swale in the north west portion of the site. Neither the soil nor the water sample was found to contain PCBs.

Sediment samples were collected from on-site storm water catch basins and manholes. The sediments were found to contain PCBs.

As a result of the investigation, the on-site storm sewers are being addressed through corrective measures. The recommended corrective action calls for the sediments to be removed, dewatered and transported off-site for disposal at properly licensed facilities. The storm sewers would be cleaned and a portion of the sewers would be lined in areas of perched and contaminated groundwater.

As part of the RFI, stormwater runoff was sampled and did not contain PCBs. Therefore, this *RCP* does not call for sampling of the storm sewers or stormwater runoff.

2.3.5 Groundwater Investigation

The existing *Closure Plan* states that a groundwater investigation would be conducted if the results of assessment or sampling activities indicated it would be appropriate. The RFI included a groundwater investigation.

The RFI concluded that groundwater at the site had not been impacted by PCBs. While perched groundwater in the former rinse tank excavation and in the fill along the sewer lines on the east side of the building was found to be impacted, the RFI concluded that rate of percolation through approximately 40 feet of the native low-permeability clay would be low. The impacted perched groundwater is addressed in the CMS through preventing infiltration with an asphalt cap, and protecting the sewers from infiltration by lining the sewer lines. Therefore, this *RCP* does not include a groundwater investigation.

3.0 OBJECTIVES

The objective of this *RCP* is to ensure that surfaces of the facility that may have been impacted by GE's operations as a commercial PCB storer are cleaned up in accordance with the cleanup levels specified in 40 CFR Part 761 Subpart G – PCB Spill Cleanup Policy.

Specifically, the cleanup objectives for the portions of the site that have not been addressed under GE's ongoing RCRA Corrective Action are:

Media	Location	Cleanup Objective for PCBs
Surfaces	Indoor solid surfaces and high contact outdoor solid surfaces	10 µg/100 cm ²
Surfaces	Indoor vault areas and low-contact, outdoor impervious solid surfaces	10 µg/100 cm ²
Surfaces	Low-contact, outdoor, impervious solid surfaces	10 µg/100 cm ² or 100 µg/100 cm ² and encapsulated
Soil	Less than 10 inches below surface	1 mg/kg
Soil	More than 10 inches below surface	10 mg/kg

4.0 TECHNICAL APPROACH

This *RCP* describes the steps that GE will take to close their approved commercial PCB storage area. This section of this *RCP* provides an overview of GE's technical approach.

As described earlier, portions of the approved PCB storage area were deactivated in 1994. In addition, much of the sampling called for in the existing *Closure Plan* has been recently conducted under the RCRA corrective action program. The sampling plan set forth in this *RCP* focuses on these four general areas:

- GE's active PCB storage area in the southeast corner of the shop;
- The nearby truck bay;
- The depressed dock area on the south side of the building; and the
- Transportation corridor that extends from the gates of GE's property to the truck bay.

In general, the closure will occur in this sequence:

- Step 1 - Remove PCB inventory for off-site disposal;
- Step 2 - Walk and note possible locations for judgmental sampling;
- Step 3 - Remove debris and vacuum the active PCB storage area and the nearby truck bay;
- Step 4 - Clean the active PCB storage area, the nearby truck bay, and the depressed dock area using the double wash double rinse procedure;
- Step 5 - Collect wipe and chip samples, as appropriate, from the active PCB area, the nearby truck bay, and the depressed dock area;
- Step 6 - Conduct further cleaning or removal if the first round of analytical results warrant further action;
- Step 7 - Collect confirmatory sampling, if necessary;
- Step 8 - Collect chip samples from the transportation corridor;
- Step 9 - If sampling indicates actions are warranted for the transportation corridor, a plan will be developed and reviewed with EPA prior to implementing;
- Step 10 - Dispose remediation waste; and
- Step 11 - Submit *Closure Certification Report*.

5.0 CLOSURE

This section provides a detailed description of the closure process. All work performed will be conducted in accordance with applicable OSHA regulations and a site-specific health and safety plan. Section 5.1 describes specific procedures that will be followed during closure. Section 5.2 describes sampling protocol and quality assurance and quality control measures. Section 5.3 describes waste handling and disposal.

5.1 CLOSURE PROCEDURES

This section describes the procedures that will be used during closure of the PCB area.

5.1.1 Preparations

The first step in the closure process will be remove the existing PCB inventory and transport the materials to a properly licensed off-site facility for disposal. As discussed in Section 5.3, PCB inventory will be handled and disposed in accordance with 40 CFR Section 761.

Upon completion of inventory removal, a walkthrough will be conducted to assess the condition of the active storage area, the adjacent truck bay, the depressed dock area, and the transportation corridor. The purpose of the walkthrough will be to determine whether supplementary, judgmental, samples should be included in the sampling plan. Areas with an oily stain, buildup of grime, or cracks in the concrete (or other) surface will be noted during the walkthrough. The observations collected in this step will be used to determine the number and locations of judgmental samples that will be collected during implementation of the sampling plan.

5.1.2 Interior Areas

The closure of GE's active PCB area, the adjacent truck bay, and the depressed dock area will include cleaning and collection of samples to confirm that the cleanup objectives have been achieved. If necessary, additional measures will be taken to remove PCB residues, and confirmatory samples will be collected.

Bulk debris will be removed from the storage area and the areas will be vacuumed. The active PCB storage area, the adjacent truck bay, and the depressed dock area will be cleaned using a double wash double rinse procedure as defined in 40 CFR 761.123. The adjacent building wall will also be washed to a height of eight feet. The truck bay and depressed dock area may be washed as well, if the inspection shows this step is warranted. All waste generated, including wash and rinse water, will be containerized for disposal at a properly licensed facility.

After the active PCB storage area, truck bay, and depressed dock area have been cleaned, samples (wipe or chip, as appropriate based on the surface) will be collected from the surfaces

for PCB analysis. Two ten-foot by ten-foot grids will be established on the floors. One grid will begin at the northeast corner of the active PCB area. The grid will extend up the adjacent building wall to a height of three feet. The second grid will begin in the northeast corner of the depressed dock area.

Each line of the grid will be assigned a letter or number so that each node of the grid will have a unique identification, such as "B2". Each unique identification will then be assigned a number. A random number generator will be used to select which corresponding nodes will be sampled and analyzed. Fifteen numbers (approximately 50 percent of the nodes) will be selected from the grid on the PCB storage area and truck bay using a random number generator. No more than two numbers that correspond to locations on the walls will be selected. Five numbers (approximately 50 percent of the nodes) will be selected from the grid on the depressed dock area using a random number generator. Based upon the type of material to be sampled, wipe or chip samples will be collected, as appropriate. Sampling protocol is discussed in more detail in Section 5.2.

The results of the first round of sampling will determine what further actions, if any, are warranted. If the results of the sampling indicate that the surfaces meet the cleanup objective of 10 µg/100 cm² and concrete chip samples meet the objective of 1 mg/kg, then no further actions will be taken. However, if the results of the first round of sampling do not meet cleanup objectives, then GE will either reclean the areas or employ more aggressive approaches, such as scarification, to achieve the objectives. If further action is undertaken, confirmatory samples will be collected to verify the cleanup objectives have been achieved in areas where additional cleanup activities are conducted.

5.1.3 Exterior Areas

Exterior sampling will focus on GE's transportation corridor. For the purpose of this *RCP* the transportation corridor begins at the access gate on Milens Road and extends to the truck bay adjacent to the PCB storage area. Six samples will be collected at equally spaced intervals along the corridor. Because this area is entirely asphalt or concrete paved, chip samples will be collected for PCB analysis.

If the results of the sampling indicate that there are PCBs in the pavement, the affected area will be cored and additional samples of paving materials and underlying soil will be collected to evaluate the extent of PCBs. An appropriate plan will be developed and reviewed with EPA before implementation. Confirmatory samples will be collected to verify that cleanup objectives have been achieved.

5.2 SAMPLING PROTOCOL AND QA/QC

This section provides a summary of the sampling protocol and quality control measures that will be employed during closure.

5.2.1 Sampling Protocol

This section describes the protocol to be followed for each of the sample types that may be collected during closure. Each sample that is collected will be assigned a unique sample identification related to the location from which it was collected and sample type. If an obstruction prevents the collection of any sample from a designated location, the location shall be adjusted in the field, and the sample will be collected as close as practical to the designated location.

The samples will be transferred to containers provided by the analytical laboratory, and submitted under proper chain of custody for PCB analyses. All samples collected during the closure will be analyzed for PCBs using EPA Method 8082.

All sampling equipment will be decontaminated between sampling locations. The core barrel, hand auger, and any other nondisposable sampling equipment will be washed with liquinox, rinsed with distilled water, then washed with hexane, and rinsed with distilled water.

Wipe Samples

Wipe samples will be collected from non-porous surfaces and from epoxy-coated concrete surfaces at the locations described in Section 5.1.

Wipe samples will be collected by framing the surface to be sampled with a 10 centimeter by 10 centimeter template and systematically wiping the area using a pad moistened with hexane. The solvent-moistened pad will be wiped twice, once vertically and once horizontally, over the entire area to be sampled. Duplicate wipe samples will be collected immediately adjacent to the original sampling location. The samples will be submitted to the analytical laboratory under proper chain of custody for PCB analyses.

Chip Samples

Chip samples will be collected from noncoated concrete and asphalt surfaces at the locations described in Section 5.1.

Chip samples will be removed from the paved area or from cores drilled through the paved area. The samples will be crushed and placed in clean bottles provided by the laboratory. The sample bottles will be capped, labeled, and placed in a cooler for transport under proper chain-of-custody.

Core Samples

If the analytical results from chip samples indicate further investigation is warranted, core samples may be collected from either concrete or asphalt paved areas.

A coring machine equipped with a diamond edged core barrel will be used to core through solid surfaces. The core barrel will have a minimum diameter of four inches to allow soil samples to be collected through the hole. The core samples will be split into one inch intervals at the

laboratory. The core barrel will be decontaminated between sample locations using the procedures outlined above.

Soil Samples

If the analytical results from chip samples, either asphalt or concrete, indicate further investigation is warranted, a paved surface will be cored, and soil samples will be collected.

Soil samples will be collected from borings installed using a hand auger. The borings will be advanced to a maximum of three feet below the base of the slab. Soil samples will be collected at one foot and three feet below the base of the slab. The analyses for the samples collected at three feet below the base of the slab will be held pending the results of the samples from one foot below the slab.

Residual soil will be used to backfill the soil boring. The concrete or asphalt surface will be patched.

5.2.2 Quality Control and Quality Assurance

Field blanks and duplicate samples will be collected and analyzed for QA/QC purposes. Field blanks will be collected for each day of sampling. Duplicate samples will be collected at a rate of one duplicate sample per 20 samples for each type of sample collected.

5.3 WASTE HANDLING & DISPOSAL

Handling, storage, transportation, and disposal of the existing inventory of PCB waste and all PCB wastes generated during implementation of this *RCP* will be in accordance with 40 CFR 761.

5.3.1 Disposal of Inventory

Existing inventory will be removed from the site for disposal within 60 days of beginning closure. Inventory will be handled and disposed based upon the type of PCB article or container, and the concentration of PCBs. The existing inventory includes one drum of PCB sludge and decommissioning equipment.

The solids are anticipated to be disposed in a chemical waste landfill that complies with the requirements of 40 CFR 761.75. The PCB liquids and solvents drained from PCB articles will be disposed by incineration by Safety-Kleen at an incinerator that complies with the requirements of 40 CFR 761.70. At the time this *RCP* is written, it is likely that the chemical waste landfill operated by Chemical Waste Management, Inc, in Model City, New York will receive the wastes generated during closure of the storage area.

5.3.2 Closure Derived Waste

Wastes generated during decontamination of the facility will be stored on-site until final disposal. Wastes will be handled in accordance with applicable storage requirements.

6.0 SCHEDULE

Figure 10 presents a schedule for the final closure. GE anticipates that the PCB storage will receive wastes until July 31, 2000. As shown in Figure 10, GE will:

- Notify the EPA and DEC of their intention to close the PCB storage area at least 60 days before the anticipated date that the final closure will begin;
- Begin closure no more than 30 days after receiving the final PCB waste;
- Remove all existing inventory within 90 days of receiving the final PCB waste;
- Complete closure within 180 days of receiving the final PCB waste; and
- Submit to the EPA and to the DEC, within 60 days of completing the closure, a certification that the PCB storage area was closed in accordance with the approved closure plan (this document). An independent registered professional engineer will sign the certification.

**TABLE 1
POLYCHLORINATED BIPHENYL COMPOUND RESULTS
SEDIMENT SAMPLES**

**GENERAL ELECTRIC COMPANY
TONAWANDA, NEW YORK**

Sample ID	Sample Date	Aroclor-1254	Aroclor-1260	Total PCBs
S1	1986-1987	-	-	160
S2	1986-1987	-	-	51
SED2	7/14/1998	240	<23	240
SUMP SED	11/17/1998	<2.4	24	24
CB-1	1/25/2000	<0.052	0.1	0.1
CB-2	2/29/2000	<0.41	1.3	1.3
CB-3	2/29/2000	<0.42	1.6	1.6
STMH-2	1/25/2000	14	6.7	20.7
STMH-3	1/25/2000	36,000	<5,300	36,000

Notes:

All data in mg/kg.

Samples analyzed using EPA-8082.

SED2 was collected from the trench in the truck bay.

SUMP SED was collected from the sump in the truck bay.

**TABLE 2
POLYCHLORINATED BIPHENYL COMPOUND RESULTS
GROUNDWATER SAMPLES**

**GENERAL ELECTRIC COMPANY
TONAWANDA, NEW YORK**

Sample ID	Sample Date	Aroclor-1248	Aroclor-1254	Aroclor-1260	Total PCBs
MW-2	7/27/1998	7	<5.6	76	83
MW-2	11/17/1998	<5	42	100	142
MW-3DL	7/27/1998	15	<5.6	61	76
DUPIGWDL	7/27/1998	21	<5.8	86	107
MW-3	11/17/1998	<5	15	81	96
MW-4	7/27/1998	<0.5	<0.5	<0.5	ND
MW-4	11/17/1998	<0.5	<0.5	<0.5	ND
MW-5	12/21/1998	<0.5	<0.5	<0.5	ND
SEW-1	7/15/1998	<0.5	<0.5	<0.5	ND

Notes:

All data in ug/L.

Samples analyzed using EPA-8082.

TABLE 3
POLYCHLORINATED BIPHENYL COMPOUND RESULTS
1986 WATER SAMPLING

GENERAL ELECTRIC COMPANY
TONAWANDA, NEW YORK

Sample ID	Sample Date	Total PCBs
W1	1986	<5
W2	1986	740
W3	1986	5
W4	1986	<5
W5	1986	<5
W6	1986	<5
W7	1986	ND

Notes:

All data in ug/L.

Samples analyzed using EPA-8082.

**TABLE 4
STORAGE CAPACITY OF
APPROVED PCB STORAGE AREAS**

Parameter	Existing Closure Plan (Pre-1994)*		(1994-2000)
	PCB Drum Storage Area	PCB Work Area**	
Area (square feet)	480	2,886	1,233
Berm Height (inches)	14	9	9
Containment Volume (cubic feet)	560	2,165	925
(gallons)	4,189	16,190	6,918
Largest Volume Container or PCB Article (gallons)	2,094	8,095	3,459
Total Volume of all Articles and Containers (gallons)	16,756	64,760	27,672
Capacity (number of drums)	75	400	216 (max)
(number of crates)	-	84	-
Capacity (number of transformers)	-	85	-
(weight in pounds)	-	419,730	-
Total Capacity, drums and transformers (gallons)	4,125	64,200	11,880 (max)

* The existing Closure Plan was prepared by Law Environmental and was revised July 1992 by ERM-Northeast.

** The size and capacity shown for the PCB work area includes the portion of the work area that was deactivated and the portion that is still active.

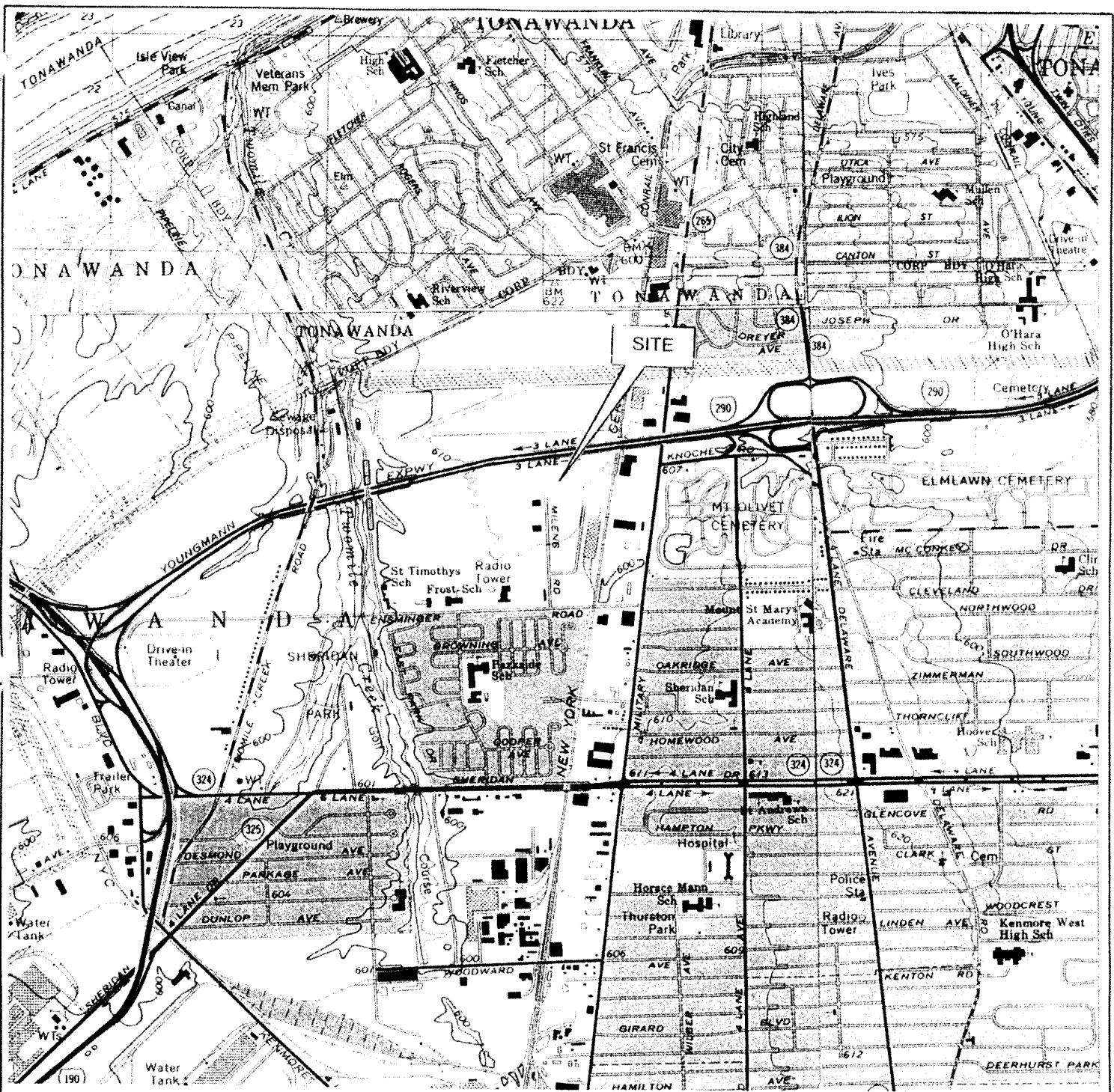


FIGURE 1 SITE LOCATION



175 MILENS ROAD
TONAWANDA, NEW YORK



Dames & Moore

646 PLANK ROAD, SUITE 202
CLIFTON PARK, NEW YORK 12065

85030-44 C-3/29/00

CONTOUR INTERVAL = 10 FEET

- REFERENCE
 USGS 7.5 MINUTE TOPOGRAPHIC MAPS
 BUFFALO NORTHWEST QUADRANGLE 1965
 BUFFALO NORTHEAST QUADRANGLE 1965
 TONAWANDA WEST QUADRANGLE 1980
 TONAWANDA EAST QUADRANGLE 1980



NEW YORK
 QUADRANGLE LOCATION
 SCALE: 1" = 2000'



SOURCE: "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.

- EXPLANATION
- ▣ - SWMU/AOC
 - - DEACTIVATED PCB AREA
 - - FLOOR DRAIN
 - - - TRENCH WITH FLOOR DRAIN

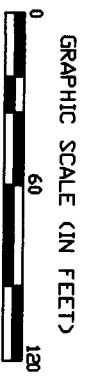
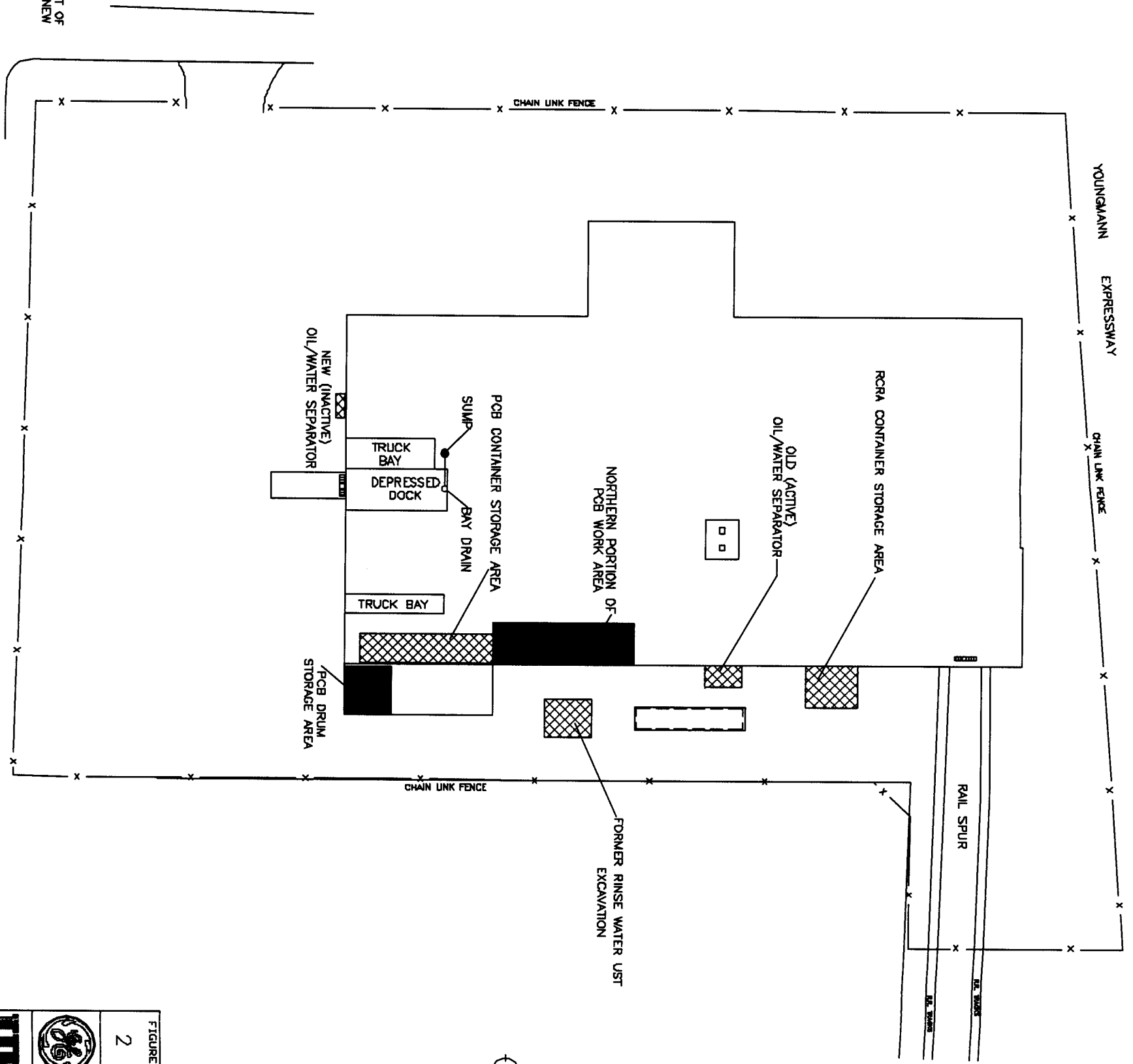


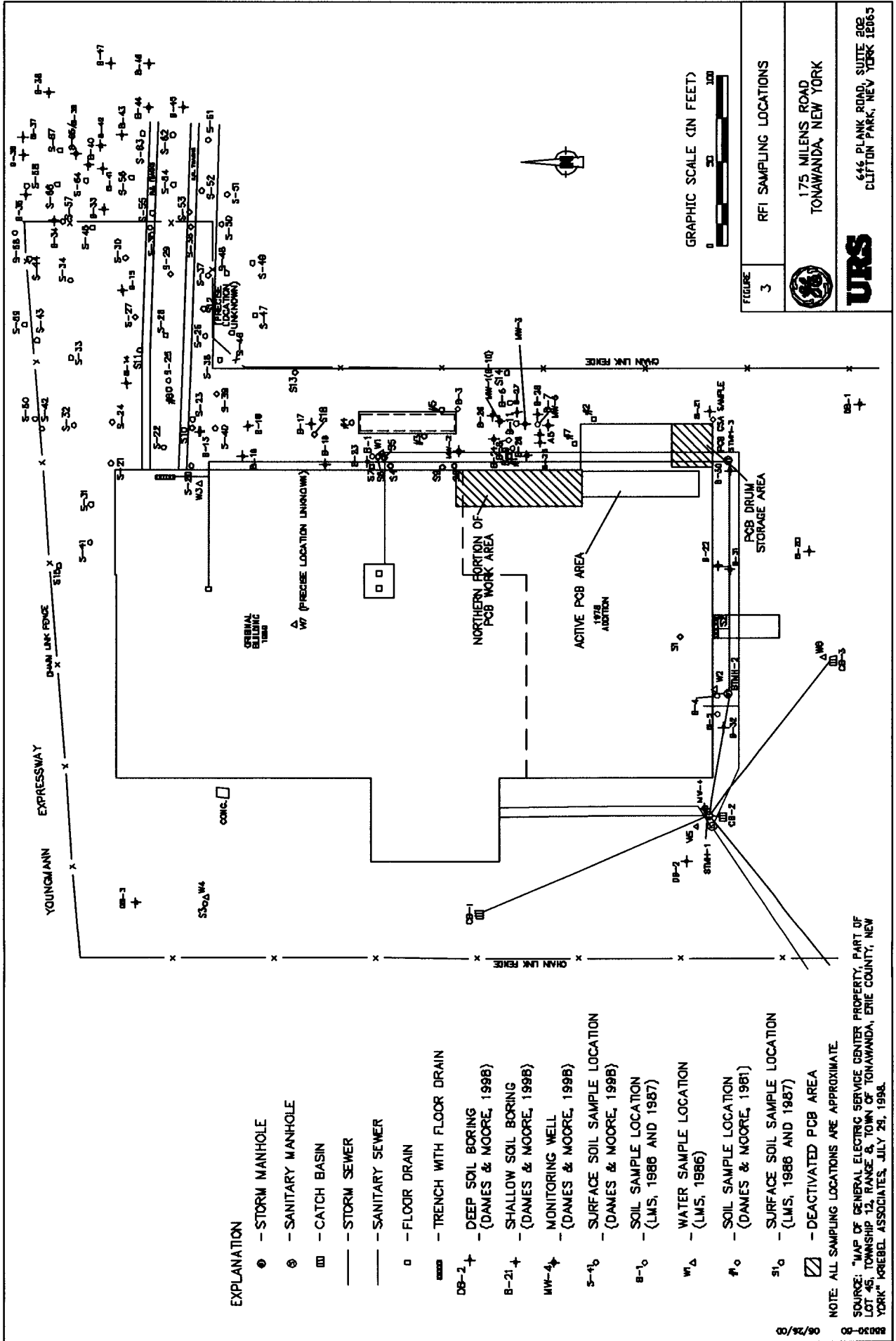
FIGURE 2 SITE PLAN



175 MILENS ROAD
TONAWANDA, NEW YORK



646 PLANK ROAD, SUITE 202
CLIFTON PARK, NEW YORK 12065



EXPLANATION

- ⊙ - STORM MANHOLE
- ⊙ - SANITARY MANHOLE
- ⊠ - CATCH BASIN
- - STORM SEWER
- - SANITARY SEWER
- - FLOOR DRAIN
- - TRENCH WITH FLOOR DRAIN
- DB-2 ⊕ - DEEP SOIL BORING (DAMES & MOORE, 1998)
- B-21 ⊕ - SHALLOW SOIL BORING (DAMES & MOORE, 1998)
- MW-4 ⊕ - MONITORING WELL (DAMES & MOORE, 1998)
- S-16 ○ - SURFACE SOIL SAMPLE LOCATION (DAMES & MOORE, 1998)
- B-10 ○ - SOIL SAMPLE LOCATION (LMS, 1986 AND 1987)
- W-1 △ - WATER SAMPLE LOCATION (LMS, 1986)
- S-1 ○ - SOIL SAMPLE LOCATION (DAMES & MOORE, 1991)
- S-10 ○ - SURFACE SOIL SAMPLE LOCATION (LMS, 1986 AND 1987)
- ⊠ - DEACTIVATED PCB AREA

NOTE: ALL SAMPLING LOCATIONS ARE APPROXIMATE.

SOURCE: "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.

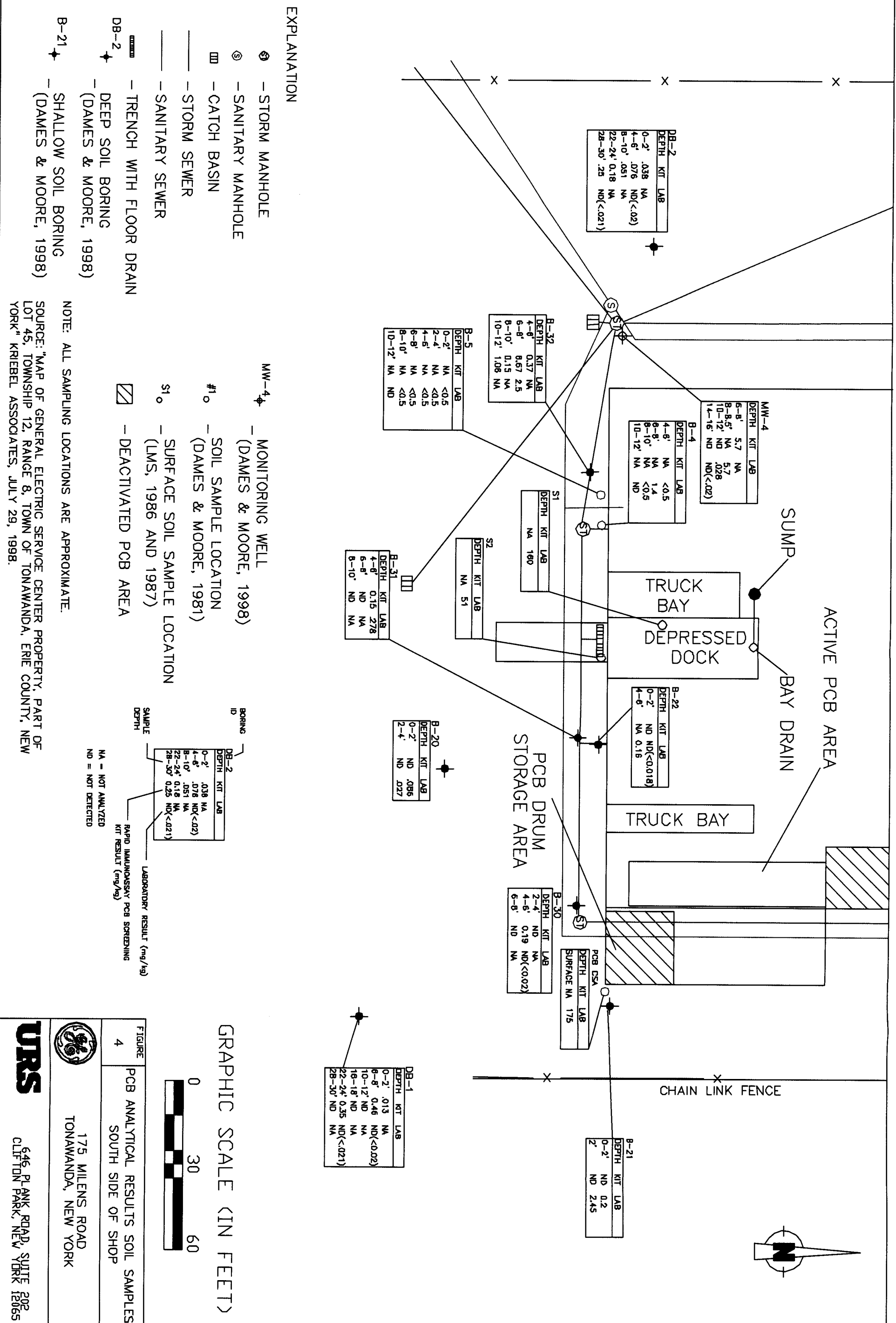
FIGURE 3 RFI SAMPLING LOCATIONS



175 MILENS ROAD
TONAWANDA, NEW YORK



646 PLANK ROAD, SUITE 202
CLIFTON PARK, NEW YORK 12063



EXPLANATION

- ☉ — STORM MANHOLE
- ☉ — SANITARY MANHOLE
- ▣ — CATCH BASIN
- — STORM SEWER
- — SANITARY SEWER
- — TRENCH WITH FLOOR DRAIN
- DB-2 — DEEP SOIL BORING (DAMES & MOORE, 1998)
- B-21 — SHALLOW SOIL BORING (DAMES & MOORE, 1998)
- MW-4 — MONITORING WELL (DAMES & MOORE, 1998)
- ♠ — SOIL SAMPLE LOCATION (DAMES & MOORE, 1981)
- ♠ — SURFACE SOIL SAMPLE LOCATION (LMS, 1986 AND 1987)
- ▨ — DEACTIVATED PCB AREA

NOTE: ALL SAMPLING LOCATIONS ARE APPROXIMATE.

SOURCE: "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.

GRAPHIC SCALE (IN FEET)

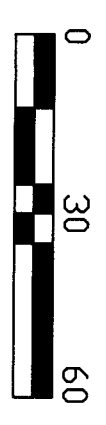


FIGURE 4 PCB ANALYTICAL RESULTS SOIL SAMPLES SOUTH SIDE OF SHOP

175 MILENS ROAD
TONAWANDA, NEW YORK

URS
646 PLANK ROAD, SUITE 202
CLIFTON PARK, NEW YORK 12065

DEPTH	DEPTH	DEPTH	DEPTH
0-2'	4-6'	8-10'	22-24'
KIT LAB			
.038 NA	.076 ND(<0.02)	0.18 NA	0.25 ND(<0.021)

DEPTH	DEPTH	DEPTH	DEPTH
0-2'	2-4'	4-6'	8-10'
KIT LAB			
NA <0.5	NA <0.5	NA <0.5	NA <0.5
0.37 NA	0.67 2.5	0.15 NA	1.06 NA

DEPTH	DEPTH	DEPTH	DEPTH
6-8'	8-8.5'	10-12'	14-16'
KIT LAB			
5.7 NA	5.7 NA	0.28 ND(<0.02)	ND

DEPTH	DEPTH	DEPTH	DEPTH
4-6'	6-8'	8-10'	10-12'
KIT LAB			
NA <0.5	NA 1.4	NA <0.5	NA

DEPTH	DEPTH	DEPTH	DEPTH
0-2'	2-4'	4-6'	8-10'
KIT LAB			
NA <0.5	NA <0.5	NA <0.5	NA <0.5

DEPTH	DEPTH	DEPTH	DEPTH
4-6'	6-8'	8-10'	
KIT LAB			
0.15 278	NA	NA	NA

DEPTH	DEPTH	DEPTH	DEPTH
2-4'	4-6'	6-8'	
KIT LAB			
ND 0.086	ND 0.27	NA	NA

DEPTH	DEPTH	DEPTH	DEPTH
0-2'	4-6'	8-10'	
KIT LAB			
ND	0.086	0.27	

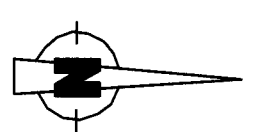
DEPTH	DEPTH	DEPTH	DEPTH
2-4'	4-6'	6-8'	
KIT LAB			
NA	0.19 ND(<0.02)	NA	NA

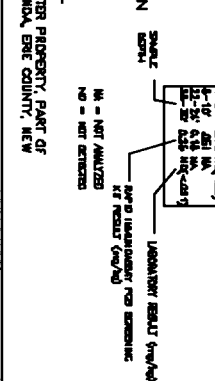
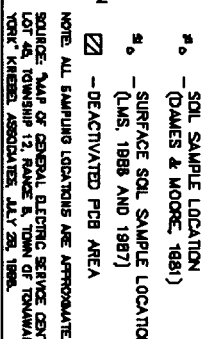
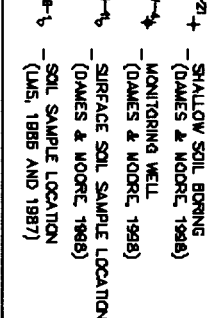
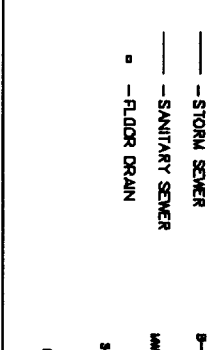
DEPTH	DEPTH	DEPTH	DEPTH
0-2'	8-8'	10-12'	16-18'
KIT LAB			
0.13 NA	0.46 ND(<0.02)	ND NA	0.35 ND(<0.021)

DEPTH	DEPTH	DEPTH	DEPTH
0-2'	2'		
KIT LAB			
ND 0.2	ND 2.45		

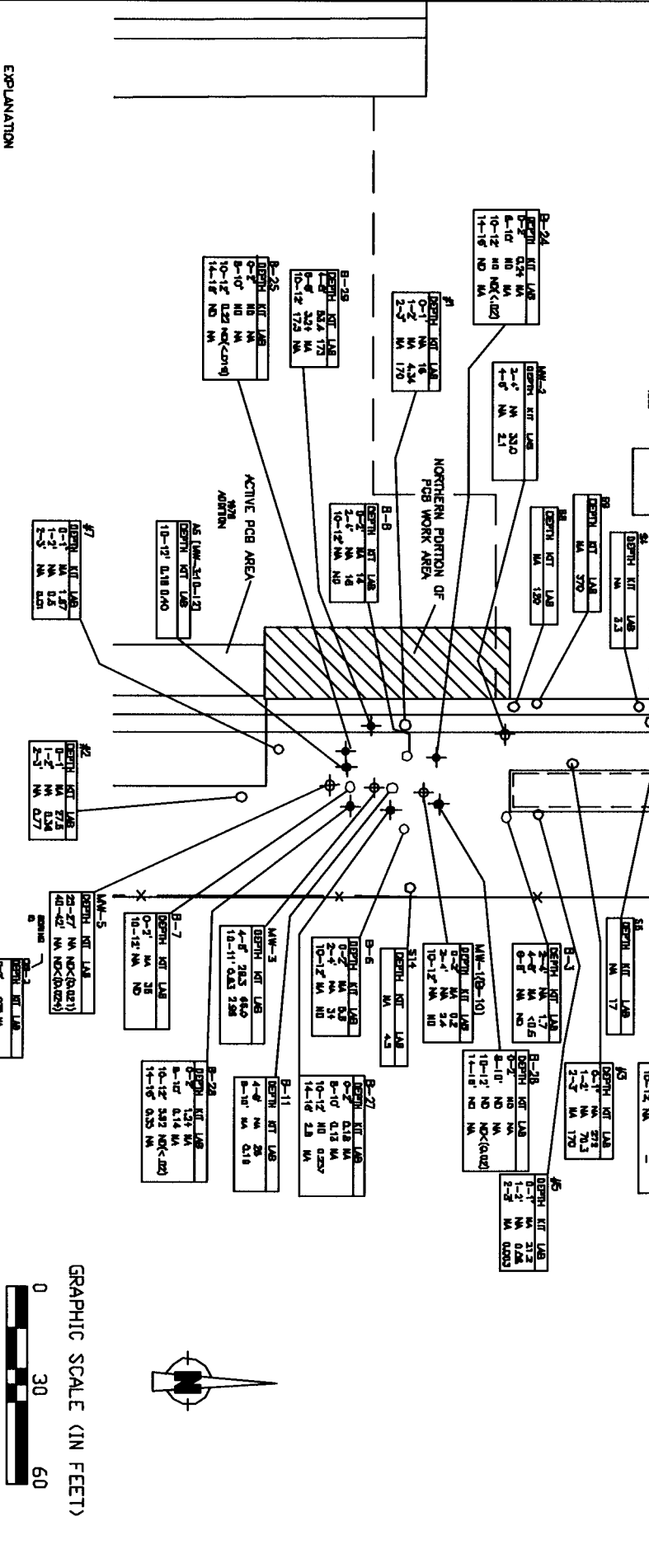
BORING ID	DEPTH	DEPTH	DEPTH	DEPTH	DEPTH
DB-2	0-2'	4-6'	8-10'	22-24'	28-30'
KIT LAB					
	.038 NA	.076 ND(<0.02)	0.18 NA	0.25 ND(<0.021)	

LABORATORY RESULT (mg/kg)
RAPID IMMUNOASSAY PCB SCREENING
KIT RESULT (mg/kg)
NA = NOT ANALYZED
ND = NOT DETECTED

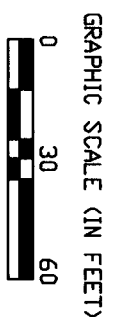




NOTE: ALL SAMPLING LOCATIONS ARE APPROXIMATE. SOURCE: MAP OF GENERAL REGION SERVICE CENTER PROPERTY, PART OF LOT 14, TOWNHIP 42 S, RANGE 41 E, COUNTY OF TOWNSHAND, DIST. COUNTY, NEW YORK. REFERRED ASSOCIATES, JULY 28, 1988.



SAMPLE ID	LOCATION	PCB (mg/kg)
5100E	BETWEEN RWY 2 & BLDG	34
5100E	DRY N.E. OF RWY 2	44
5100E	4FT N. OF RWY 2	82
5100E	AS SHOWN, 1.5-1.8'	3.2
5200E	10FT N. OF RWY 2	0.24
5300E	RR TRACKS	1.8
5350E	SFT N. OF 523	1.1
5360E	D-WAY, E. OF BLDG.	2.2
5370E	AS SHOWN, 3FT DEEP	180



URS CONSULTANTS AND ENGINEERS

175 MILENS ROAD
TOWNSHAND, NEW YORK

FIGURE 5
PCB ANALYTICAL RESULTS, SOIL SAMPLES
EAST SIDE OF SHOP

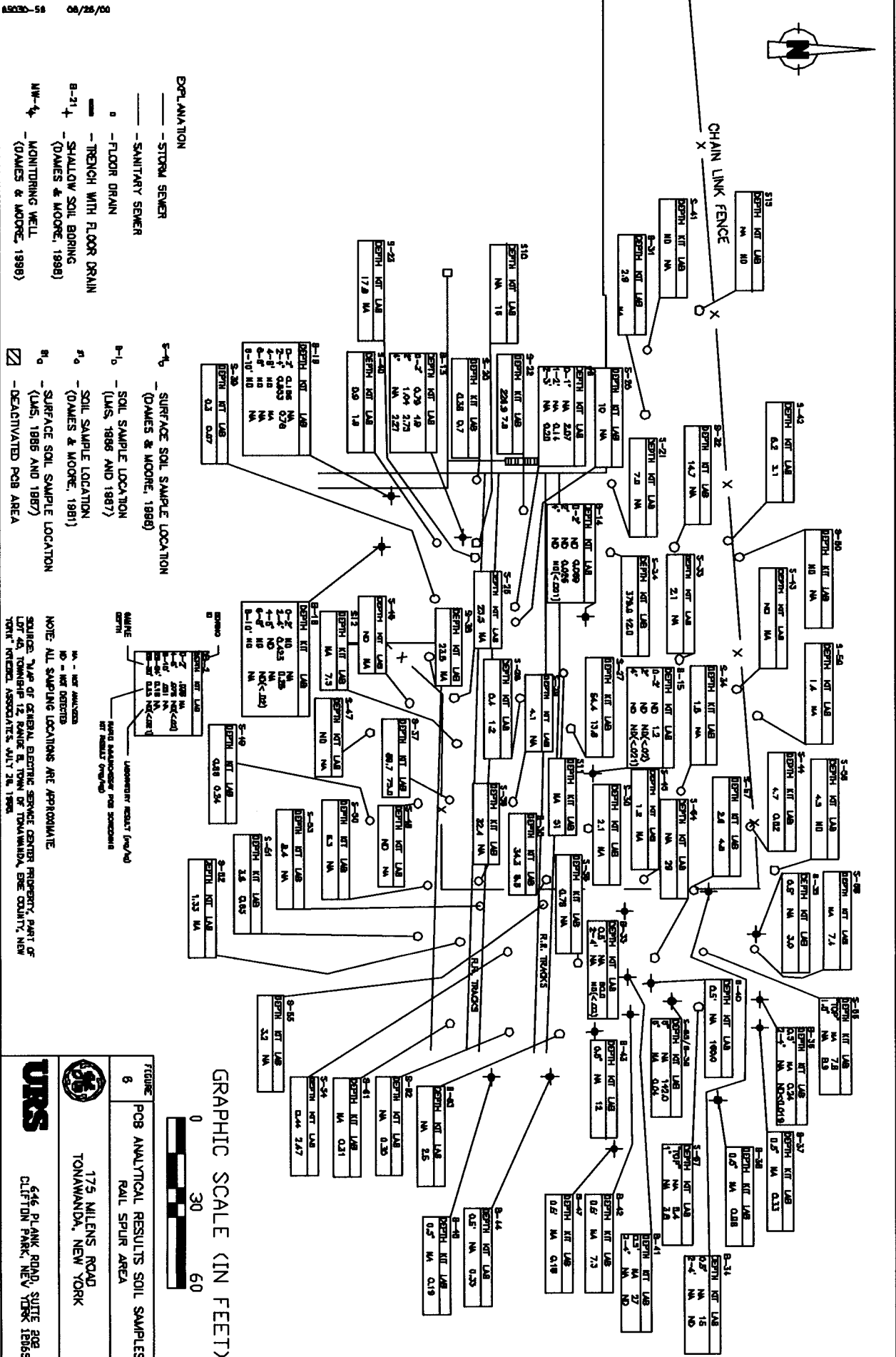


FIGURE 6

POB ANALYTICAL RESULTS SOIL SAMPLES

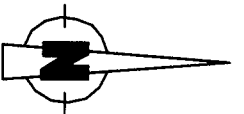
RAIL SPUR AREA

175 MILENS ROAD

TONAWANDA, NEW YORK

URS

646 PLANK ROAD SUITE 309
CLIFTON PARK, NEW YORK 12065



YOUNGMANN EXPRESSWAY

CHAIN LINK FENCE

DEPTH	KIT	LAB
0-2'	ND	NA
8-10'	ND	ND(<.02)
14-16'	ND	NA
18-20'	ND	NA
24-26'	ND	NA
28-30'	ND	ND(<.019)

DEPTH	KIT	LAB
0-2'	NA	ND

CONC. □

BORING ID	DEPTH	KIT	LAB
DB-2	0-2'	0.28	NA
	4-6'	0.78	ND(<.02)
	8-10'	0.51	NA
	22-24'	0.18	NA
	28-30'	0.25	ND(<.021)

LABORATORY RESULT (mg/kg)
RAPID IMMUNOASSAY PCB SCREENING KIT RESULT (mg/kg)

NA = NOT ANALYZED
ND = NOT DETECTED

EXPLANATION

- ▣ - CATCH BASIN
- - STORM SEWER
- - SANITARY SEWER
- - FLOOR DRAIN
- - TRENCH WITH FLOOR DRAIN
- DB-2 + - DEEP SOIL BORING (DAMES & MOORE, 1998)
- B-1 ○ - SOIL SAMPLE LOCATION (LMS, 1986 AND 1987)
- St ○ - SURFACE SOIL SAMPLE LOCATION (LMS, 1986 AND 1987)

NOTE: ALL SAMPLING LOCATIONS ARE APPROXIMATE.

SOURCE: "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE B, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.

CHAIN LINK FENCE

ORIGINAL BUILDING 1969

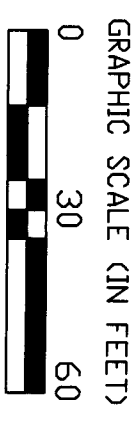


FIGURE 7 PCB ANALYTICAL RESULTS SOIL SAMPLES WEST SIDE OF SHOP

175 MILENS ROAD
TONAWANDA, NEW YORK

URS
646 PLANK ROAD, SUITE 202
CLIFTON PARK, NEW YORK 12065

SOURCE: "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.

EXPLANATION

- ⊕ — STORM MANHOLE
- ⊙ — SANITARY MANHOLE
- ▩ — CATCH BASIN
- — STORM SEWER
- — SANITARY SEWER
- — FLOOR DRAIN
- ▨ — TRENCH WITH FLOOR DRAIN
- — FOCUSED CMS AREA
- ⊠ — SWMU/AOC

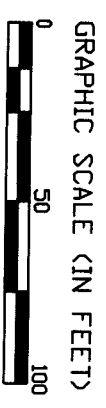
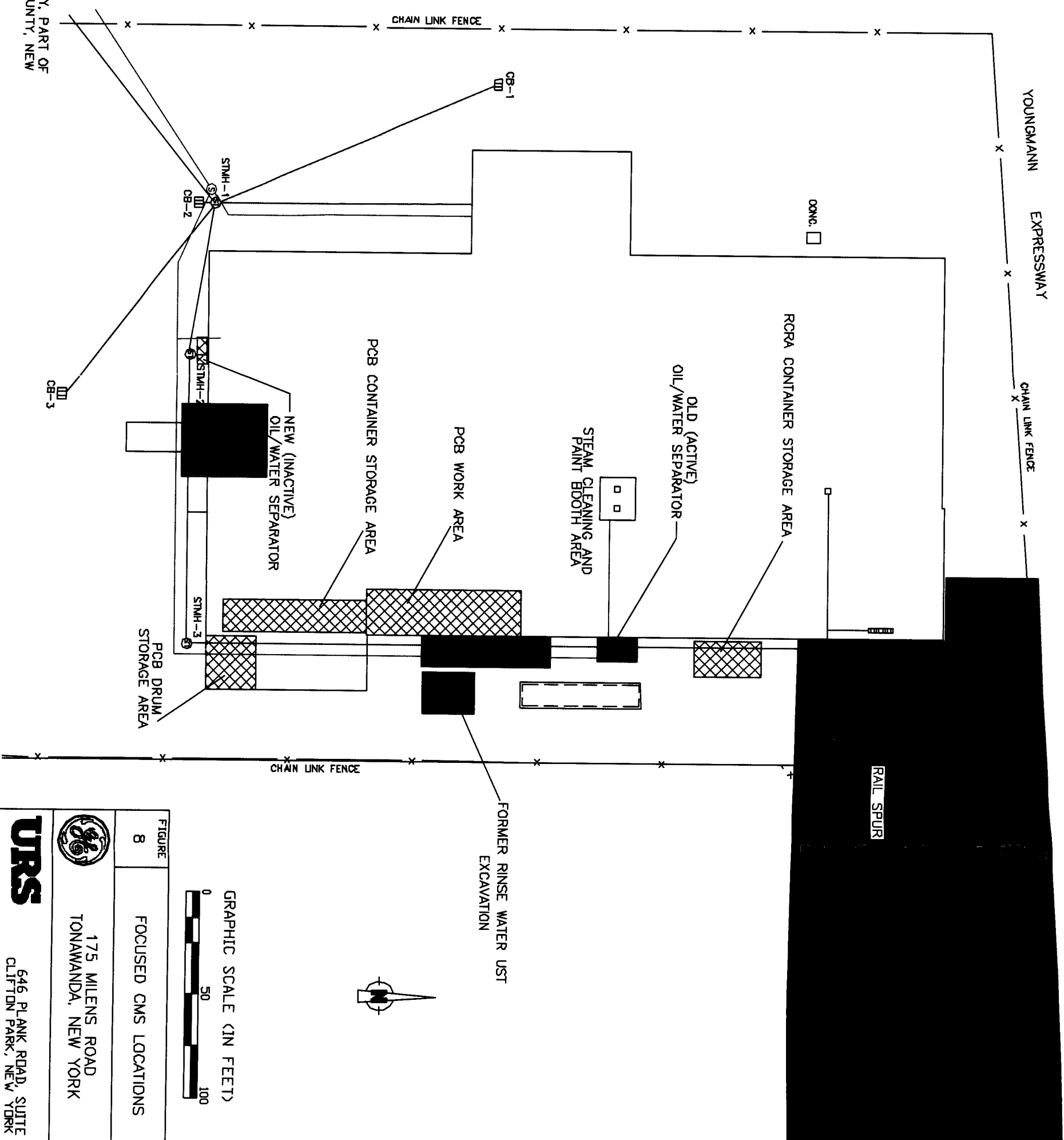


FIGURE 8 FOCUSED CMS LOCATIONS

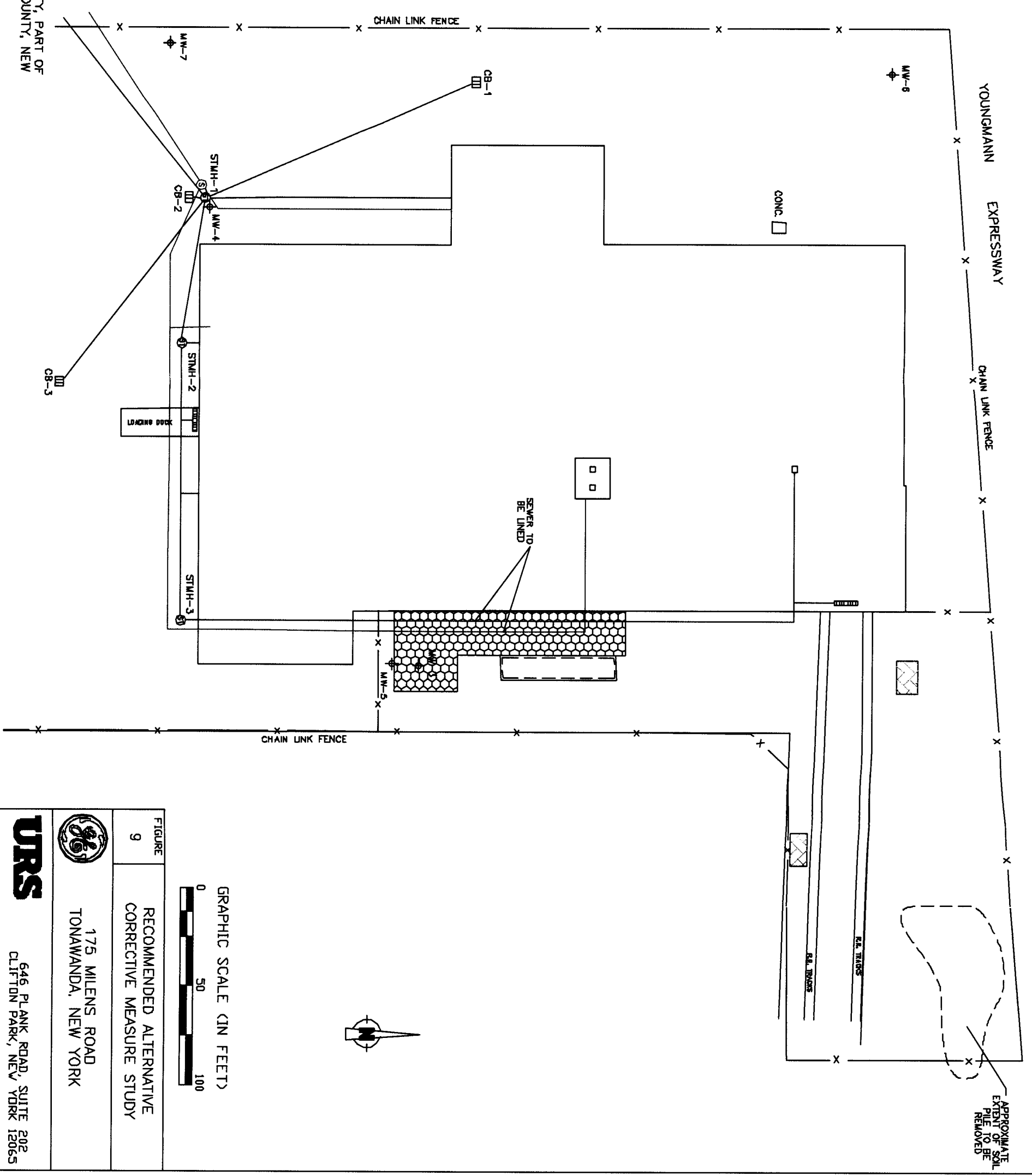
175 MILENS ROAD
TONAWANDA, NEW YORK

URS
646 PLANK ROAD, SUITE 202
CLIFTON PARK, NEW YORK 12065

SOURCE: "MAP OF GENERAL ELECTRIC SERVICE CENTER PROPERTY, PART OF LOT 45, TOWNSHIP 12, RANGE 8, TOWN OF TONAWANDA, ERIE COUNTY, NEW YORK" KRIEBEL ASSOCIATES, JULY 29, 1998.

- ⊕ — EXISTING MONITORING WELL
- ⊕ — NEW MONITORING WELL
- x - — NEW FENCE
- — — SANITARY SEWER TO BE LINED
- — — SANITARY SEWER
- — FLOOR DRAIN
- ▤ — TRENCH WITH FLOOR DRAIN
- ▤ — ASPHALT CAP
- ▤ — EXCAVATION TO 1 FOOT AND BACKFILL
- — — STORM SEWER TO BE LINED
- — — STORM SEWER
- ⊕ — SANITARY MANHOLE
- ⊕ — STORM MANHOLE
- ▤ — CATCH BASIN

EXPLANATION



APPROXIMATE EXTENT OF SOIL PILE TO BE REMOVED

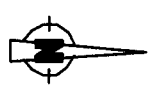
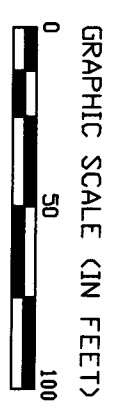


FIGURE 9
RECOMMENDED ALTERNATIVE CORRECTIVE MEASURE STUDY

175 MILENS ROAD
TONAWANDA, NEW YORK

URS
646 PLANK ROAD, SUITE 202
CLIFTON PARK, NEW YORK 12065

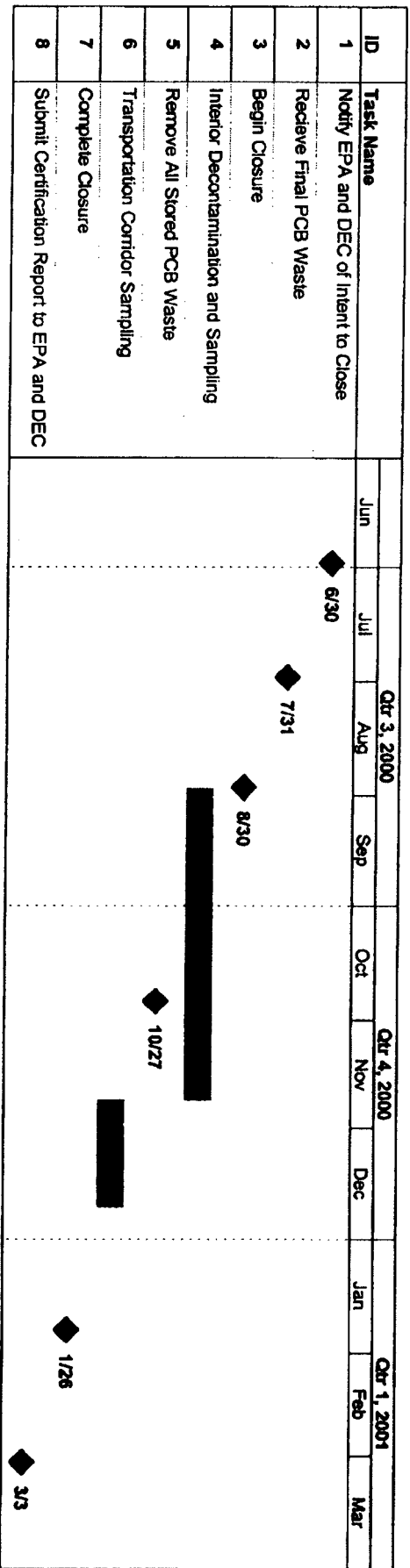


FIGURE 10 CLOSURE SCHEDULE



GENERAL ELECTRIC COMPANY
TONAWANDA, NEW YORK



646 PLANK ROAD, SUITE 202
CLIFTON PARK, NEW YORK 12065
Dames & Moore

APPENDIX A
DEACTIVATION REPORT

ERM-Northeast

5788 Widewaters Parkway
Dewitt, New York 13214
(315) 445-2554
(315) 445-2543 (Fax)

15 December 1994

Mr. Andrew Bellina, P.E., Chief
Hazardous Waste Facilities Branch
US EPA - Region II
Jacob K. Javits Federal Building
New York, New York 10278



RE: General Electric Company - Tonawanda Apparatus Service Center
Deactivation of a Portion of the PCB Facility
EPA ID# NYD067539940

Dear Mr. Bellina:

Deactivation activities for the General Electric Company's (GE) Tonawanda Apparatus Service Center's PCB work area and PCB drum storage area were conducted on 19 September to 22 September 1994 and 2 November to 10 November 1994. All activities were performed in accordance with GE's previously submitted Sampling and Analysis Plan with oversight provided by ERM EnviroClean-Northeast, Inc. (ECNE). Closure activities and other pertinent information is discussed below.

SITE SPECIFIC INFORMATION

The areas of consideration consisted of two PCB management areas located at GE's Apparatus Service Center at 175 Milens Road, Tonawanda, New York. Descriptions of these two areas are provided below.

Drum Storage Area - This is a 480 ft² concrete pad with a 14" concrete berm. The concrete and berm were coated with an epoxy resin sealant for spill containment capability.

PCB Work Area - The PCB work area is divided into two bermed sections. The larger of the two sections, the section to the north, has dimensions of 75 x 22.5 x 0.75 feet. This north section is the area that was cleaned. This area was also coated with the same epoxy resin sealant as the drum storage area.

The drum storage area and PCB work area are depicted in Figure 1.

400_081\getonaw.ltr

A member of the Environmental
Resources Management Group

CLEANUP ACTIVITIES

Site work was performed by Allwash, Inc., Key Equipment Co., and ECNE. Cleanup procedures were initiated on 19 September 1994 in the PCB work area utilizing standard protocols of a double wash/rinse of the floor and back wall. The decontamination work task was conducted by scrubbing and vacuuming the floor and back wall with bristled brushes and mops. Simple Green, a degreasing detergent manufactured by Sunshine of Huntington Harbor, California was diluted to its recommended maximum strength and applied to the floor and wall. All waste and washwater residues were vacuumed with a shop vac. Following the initial cleansing of the area, all rinsate and solid wastes were emptied into appropriately labeled 55-gallon drums.



On 20 September 1994, the PCB work area was again cleaned. A 10 x 10 foot grid was set up to facilitate the collection of screening samples for determining the effectiveness of the cleanup operation. Wipe samples were then collected by wiping a 10 centimeter (cm) by 10 cm area with a large gauze pad saturated with methanol. The wipe samples were analyzed for PCB content through the use of in-field PCB test methods.

On 20 September 1994, the drum storage area was swept and solid wastes from the floor were placed in an appropriately labeled 55-gallon drum.

Cleanup of the drum storage area was performed in accordance with protocols of a double wash/rinse using scrubbing brushes and mops saturated with Simple Green. All generated washwater was vacuumed and containerized in an appropriately labeled 55-gallon drum. Subsequently, a 10 x 10 foot grid was constructed and wipe samples were collected from the walls and floor of the area.

On 21 September 1994, analytical results of the initial wipe samples indicated that all floor samples and three out of eight samples collected on the walls of the PCB work area had failed to meet the cleanup standard of less than 10 micrograms per 100 square centimeters ($10 \mu\text{g}/100 \text{ cm}^2$). A second cleanup effort was initiated in the two areas by a double wash/rinse with Simple Green followed by steam cleaning the areas five times. Subsequently, wipe samples were collected and analyzed for PCB content. Analytical results of the second cleanup indicated that all samples were greater than $10 \mu\text{g}/100 \text{ cm}^2$.

The decision was made to clean the PCB areas a third time using Pentatone Power Cleaner #155 instead of Simple Green. The areas were

again cleaned and triple rinsed with a steam cleaner. Analytical results of wipe samples collected after the third cleanup indicated that all samples were above the 10 $\mu\text{g}/100 \text{ cm}^2$ cleanup standard.

Due to difficulties encountered in attempting to clean the two areas, the decision was made to sandblast the area utilizing a piece of equipment with the trade name Blast Trac. This unit is completely self contained to minimize dust. On 2 November to 10 November 1994, the Blast Trac was used to remove approximately 1/8 inch of the surface (see photos in Attachment 1). Wipe samples were taken using a 10 x 10 foot grid and analyzed for PCB content through the use of in-field PCB test methods. Once in-field PCB tests indicated the area was clean, wipe samples were collected and submitted for laboratory analysis. Analytical results indicated that all samples were less than the 10 $\mu\text{g}/100 \text{ cm}^2$ cleanup standard. Analytical results are presented in Attachment 2.



EQUIPMENT DECONTAMINATION

All equipment used in this project was decontaminated according to 40 CFR 761.79(b) standards. Decontamination fluids were containerized in 55-gallon drums and staged for disposal by GE as PCB waste.

SUMMARY OF FINDINGS AND CONCLUSIONS

ECNE conducted cleanup verification sampling of the two PCB management areas at the GE Apparatus Service Center at 175 Milens Road, Tonawanda, New York. Deactivation activities were performed in accordance with the Sampling and Analysis Plan which was submitted to EPA.

The ECNE verification samples indicated that the PCB work area and PCB drum storage area meet the EPA cleanup standard of less than 10 $\mu\text{g}/100 \text{ cm}^2$.

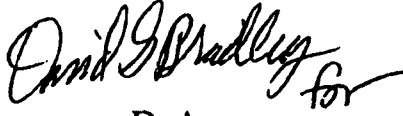
CERTIFICATION

In order to certify that the deactivation activities were adequately performed, Mr. David Bradley, P.E. directed the efforts of ECNE personnel to monitor and document closure efforts, collect independent cleanup verification samples, interpret the sample results, and prepare the report. Mr. Bradley's certification is provided on the last page of this report.

15 December 1994
Mr. Andrew Bellina
ERM-Northeast Project No. 400.081
Page 5

If you have any questions, please contact the undersigned.

Sincerely,

Handwritten signature of David G. Bradley in cursive, with the word "for" written below it.

Lawrence D. Argus
Project Engineer

cc: D. Greenlaw - EPA
C. Allen - GE
C. Carey - GE
A. Hejmanowski - GE



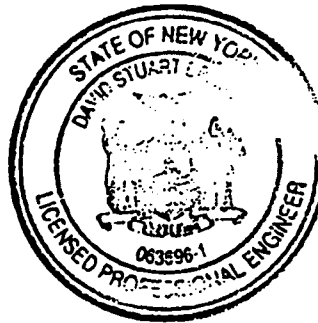
Verification Sampling Report
GE Apparatus Service Center
175 Milens Road
Tonawanda, New York
Dated December 19, 1994

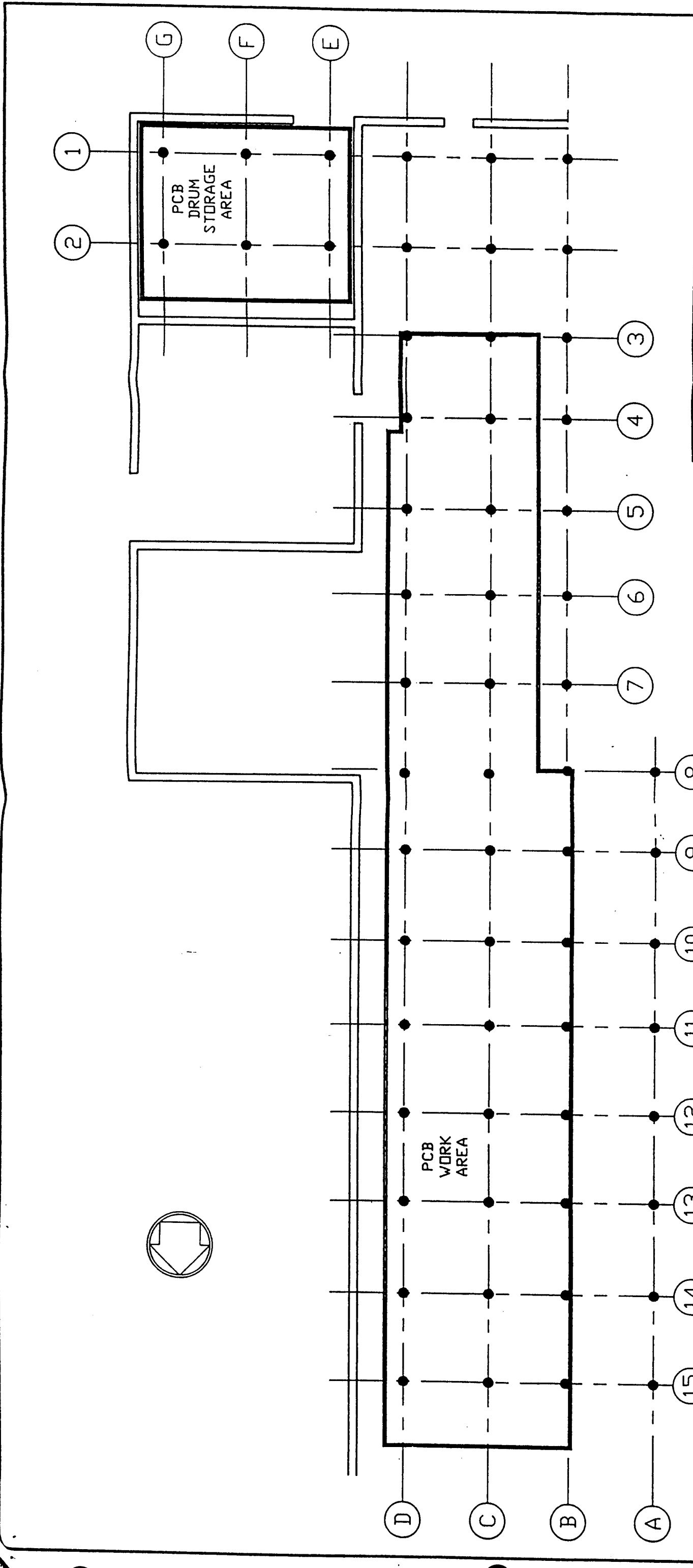
Under the civil and criminal penalties of law for the making or submission of false or fraudulent statements or representations (18 USC 1001 and 15 USC 2615), I certify that the information contained in or accompanying this document is true, accurate, and complete. As to sections of this document for which I cannot personally verify truth and accuracy, I certify as the company representative having supervisory responsibility for the person who, acting under my direct instructions, made the verification that this information is true, accurate, and complete.



A handwritten signature in black ink that reads "David S. Bradley".

David S. Bradley, P.E.
ERM-Northeast, Inc.
Albany, New York
P.E. Registration NYS 063696-1





PCB MANAGEMENT AREAS
SAMPLING GRID

PREPARED FOR

GE - BUFFALO SERVICE CENTER

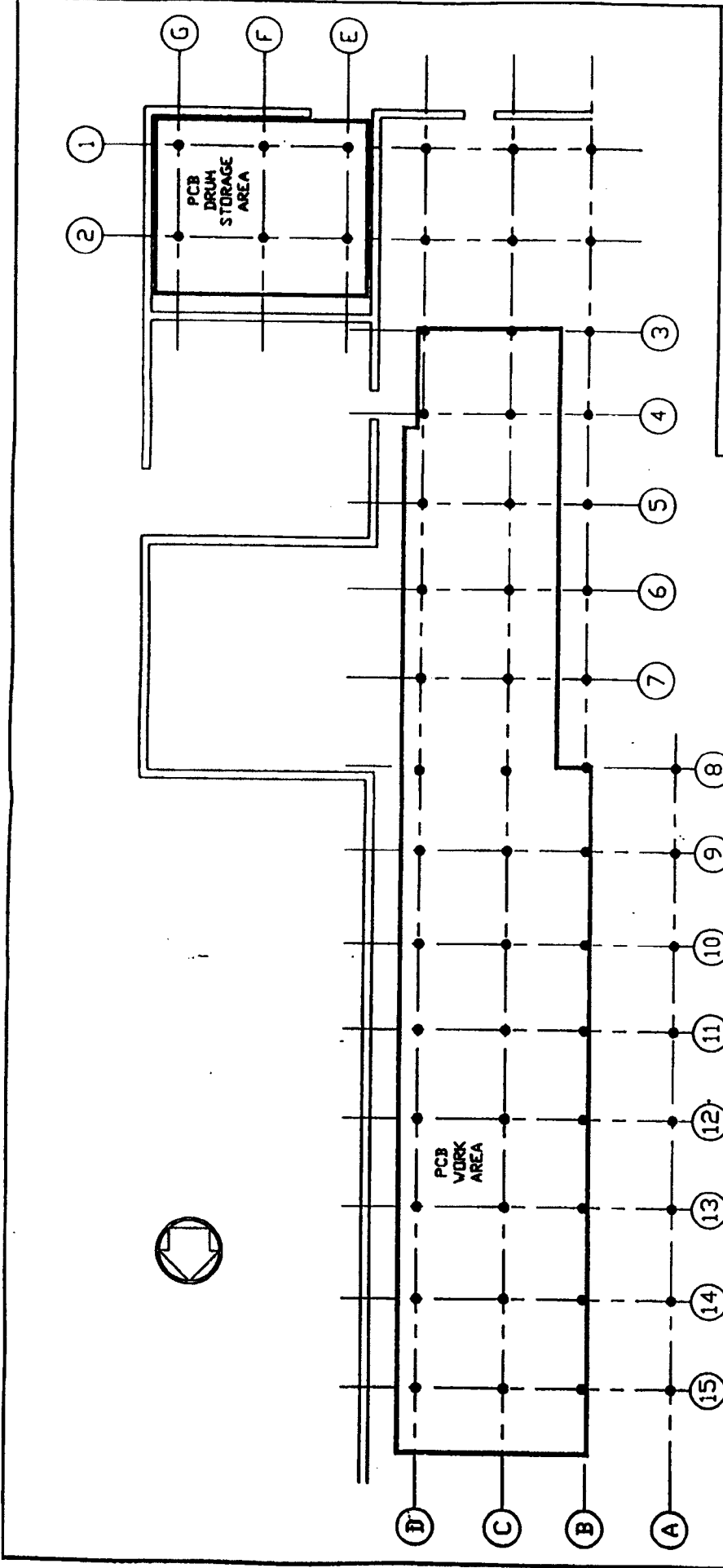


ERM-Northeast
Environmental Resources Management
601 New Karner Rd. Suite 7, Albany, NY 12205
Tel: (518) 452-4291 Fax: (518) 452-4295

SCALE NTS
DATE 05/94
FIGURE 1

LEGEND:
—— BERM WALLS

NOTE:
SAMPLING GRID 10' X 10'
COORDINATE SYSTEM.



PCB MANAGEMENT AREAS
SAMPLING GRID

PREPARED FOR

GE - BUFFALO SERVICE CENTER

PROJECT #75
DATE 04/94
PAGE 7

ERM-Northeast
Environmental Remediation Management
601 New Karner Rd. Suite 2, Albany, NY 12205
Tel: (518) 485-4291 Fax: (518) 485-4285



NOTE:
SAMPLING GRID 10' X 10'
COORDINATE SYSTEM.

ATTACHMENT 1
PHOTOGRAPHS

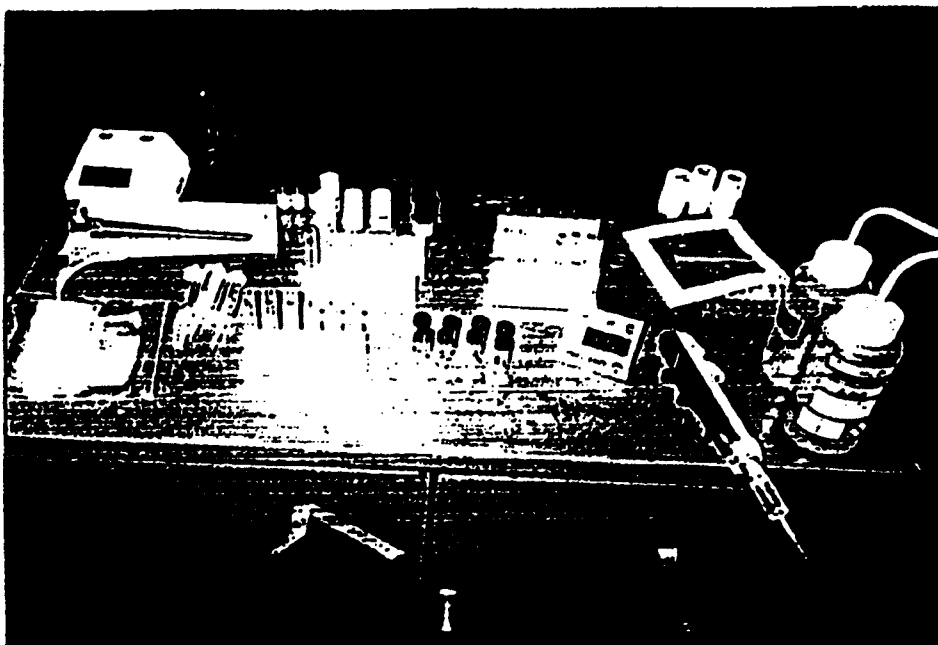


PHOTO 1 - THE PCB TEST KIT WORK AREA



PHOTO 2 - A PIECE OF THE BLAST TRAC EQUIPMENT

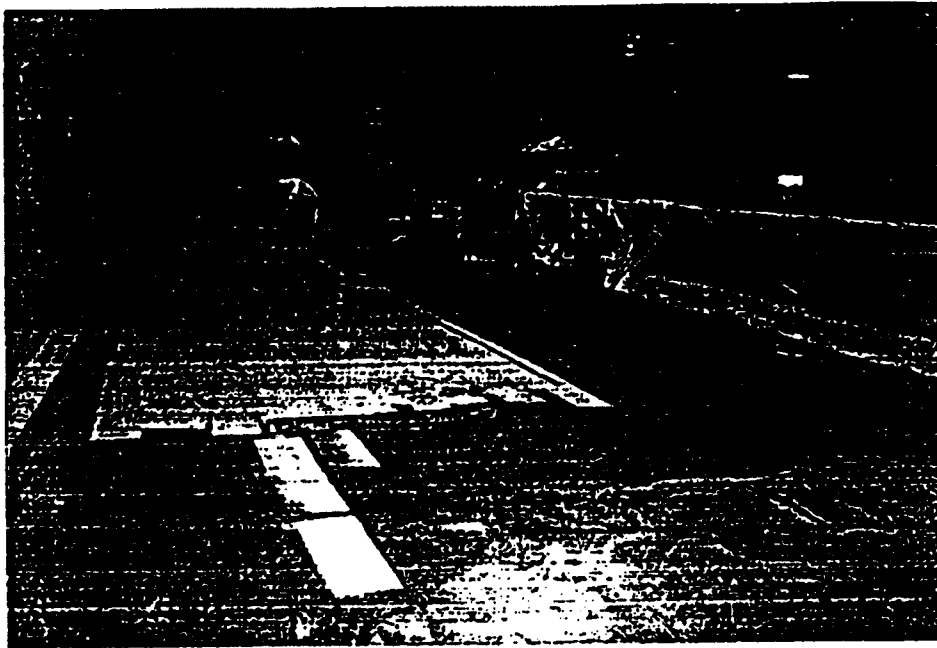


PHOTO 3 - SANDBLASTING UNDERWAY IN THE PCB WORK AREA

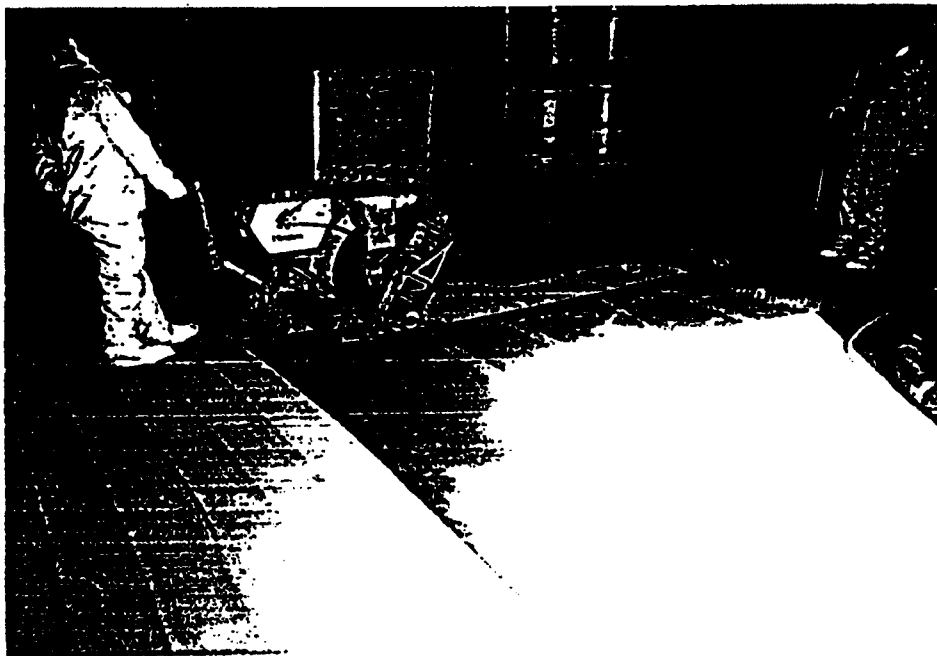


PHOTO 4 - NEAR COMPLETION IN THE PCB WORK AREA



PHOTO 5 - THE PCB WORK AREA FINISHED

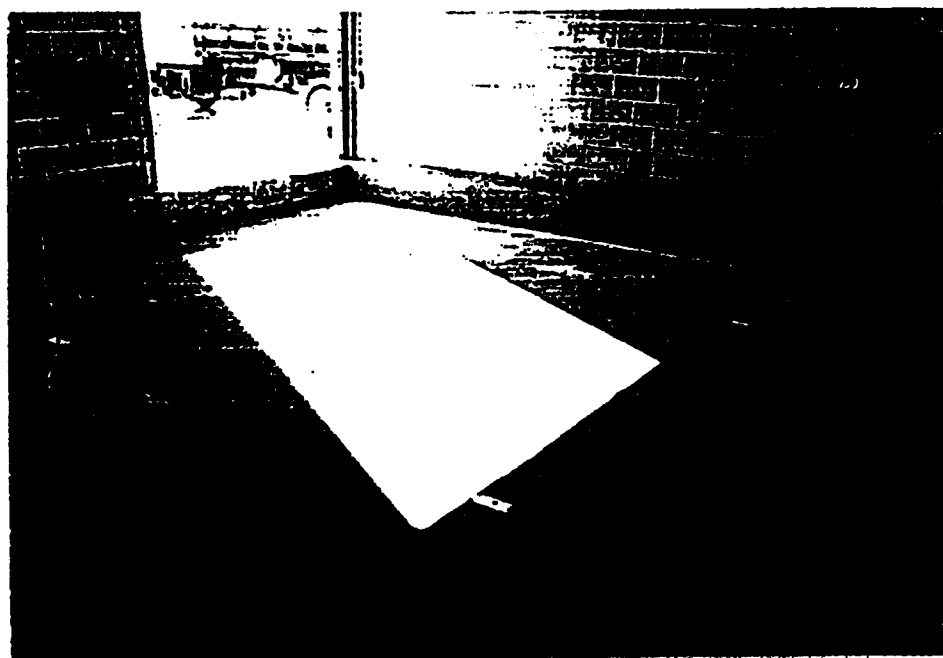


PHOTO 6 - THE DRUM STORAGE AREA FINISHED

ATTACHMENT 2
VERIFICATION SAMPLE ANALYTICAL RESULTS



A full service analytical research laboratory offering solutions to environmental concerns
314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: ERM Northeast
Samples taken by: C.B. Mongillo
Location: GE-Buffalo MATRIX: wipe

Date Sampled: 11/10/94
Date sample received: 11/11/94
Grab

PARAMETER PERFORMED	YOUR SAMP ID->	A1	A2	A3	A4	A5	NOTEBOOK TEST REFERENCE DATE
	APS NUMBER->	941111 G01	941111 G02	941111 G03	941111 G04	941111 G05	
CB		<2	<2	<2	<2	<2	KP-PCB-9411/11/94

The above results were obtained using method EPA-8080 and the results are expressed in ug/wipe



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CLIENT: ERM Northeast
Samples taken by: C.B. Mongillo
Location: GE-Buffalo MATRIX: wipe

Date Sampled: 11/10/94
Date sample received: 11/11/94
Grab

PARAMETER PERFORMED	<u>YOUR SAMP ID-></u>	C5	C6	C7	C8	DUPE 2	NOTEBOOK TEST REFERENCE DATE
	<u>AES NUMBER-></u>	941111 G21	941111 G22	941111 G23	941111 G24	941111 G25	
CB		<2	<2	<2	<2	<2	KF-PCB-P411/11/94

The above results were obtained using method EPA-8080
and the results are expressed in ug/wipe



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 314 North Pearl Street • Albany, New York 12207 • 518 434-4546 • Fax: 518 434-0891

CLIENT: ERM Northeast
 samples taken by: C.B. Mongillo
 Location: GE-Buffalo MATRIX: wipe

Date Sampled: 11/10/94
 Date sample received: 11/11/94
 Grab

PARAMETER PERFORMED	YOUR SAMP ID-> AES NUMBER->	Field Blank	E2	E3	P2	P3	NOTEBOOK TEST REFERENCE DATE
28		941111 G26	941111 G27	941111 G28	941111 G29	941111 G30	11-PCB-P411/11/94
		<2	<2	<2	<2	<2	

The above results were obtained using method EPA-8080
 and the results are expressed in ug/wipe



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CLIENT: ERM Northeast

Date Sampled: 11/10/94

Samples taken by: C.B. Mongillo

Date sample received: 11/11/94

Location: GE-Buffalo

MATRIX: wipe

Grab

PARAMETER PERFORMED	YOUR SAMP ID-> AES NUMBER->	G1	G2	G3	H1	H2	NOTEBOOK TEST REFERENCE DATE
CB		941111 G31	941111 G32	941111 G33	941111 G34	941111 G35	KF-PCB-P411/11/94

The above results were obtained using method EPA-8080
and the results are expressed in ug/wipe



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CLIENT: ERM Northeast
 Samples taken by: C.B. Mongillo
 Location: GE-Buffalo MATRIX: wipe

Date Sampled: 11/10/94
 Date sample received: 11/11/94
 Grab

PARAMETER	YOUR SAMP ID->	83	12	13	DUPE 1	NOTEBOOK TEST
PERFORMED	ABS NUMBER->	941111 G36	941111 G37	941111 G38	941111 G39	REFERENCE DATE
B		<2	<2	<2	<2	XP-PC8-P411/11/94

The above results were obtained using method EPA-8080
 and the results are expressed in ug/wipe

APPROVED BY: Tara Daniel
 Report date: 11/14/94



314 North Pearl Street
Albany, New York 12207
518-434-4546/434-0691 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME ERM - NORTHEAST	PROJECT NAME (Location) GE-BUFFALO SERVICE SHOP	SAMPLERS: (Names) C. BRETT MONGILLO
ADDRESS ALBANY, NY	PO NUMBER 400.081	SAMPLERS: (Signature) <i>C. Brett Mongillo</i>

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A.m. P.m.	SAMPLE TYPE			NUMBER OF CONT'S	ANALYSIS REQUIRED
				MATRIX	ORGANIC	INORGANIC		
741111 G01	A1	11-10-94	1241	A/P	W/PE	✓	1	PCB'S
G02	A2		1249	A/P		✓	1	(SEE ATTACHED
G03	A3		1247	A/P		✓	1	LIST OF ADDITIONAL
G04	A4		1249	A/P		✓	1	SAMPLES)
G05	A5		1251	A/P		✓	1	
G06	A6		1253	A/P		✓	1	
G07	A7		1255	A/P		✓	1	
G08	A8		1257	A/P		✓	1	
G09	B1		1259	A/P		✓	1	
G10	B2		1301	A/P		✓	1	
G11	B3		1307	A/P		✓	1	
G12	B4		1309	A/P		✓	1	
G13	B5	↓	1311	A/P	↓	✓	1	↓

Turnaround Time:	Laboratory Approval:
------------------	----------------------

Relinquished by: (Signature) <i>C. Brett Mongillo</i>	Received by: (Signature)	Date/Time 11-10-94 16:00	
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	
Relinquished by: (Signature)	Received by: (Signature)	Date/Time	
Dispatched by: (Signature)	Date/Time	Received for Laboratory by: <i>Becki Hoffmann</i>	Date/Time 11/11/94 19:20
Method of Shipment:	Send Report To:	Client Phone No.:	

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.



314 North Pearl Street
Albany, New York 12207
518-434-4548/434-0891 FAX

A full service analytical research laboratory offering solutions to environmental concerns

CHAIN OF CUSTODY RECORD

CLIENT NAME ERM NORTHEAST	PROJECT NAME (Location) GE-BUFFALO SERVICE SHOP	SAMPLERS: (Names) C. BRETT MONGILLO
ADDRESS ALBANY, NY	PO NUMBER 400.081	SAMPLERS: (Signature) <i>C. Brett Mongillo</i>

AES SAMPLE NUMBER	CLIENT SAMPLE IDENTIFICATION & LOCATION	DATE SAMPLED	TIME A.m. P.m.	SAMPLE TYPE			NUMBER OF CONT'S	ANALYSIS REQUIRED	
				MATRIX	CONT.	GRAB			
	E2	11-10-94	8:40	WIFE		✓	1	PCB's	
G21	E3		8:43			✓	1		
G20	F2		8:45			✓	1		
G29	F3		8:47			✓	1		
G22	G1		9:07			✓	1		
G21	G2		8:50			✓	1		
G32	G3		8:52			✓	1		
G33	HL ...		9:04			✓	1		
G34	H2		8:57			✓	1		
G35	H3		8:59			✓	1		
G20	I2		9:03			✓	1		
G37	I3		9:01			✓	1		
G36	DUPE 1		✓	/	✓	✓	✓	1	✓

Turnaround Time: **STANDARD** Laboratory Approval:

Relinquished by: (Signature) <i>C. Brett Mongillo</i>	Received by: (Signature)	Date/Time 11-10-94 16:00
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Relinquished by: (Signature)	Received by: (Signature)	Date/Time
Dispatched by: (Signature)	Date/Time	Received for Laboratory by: <i>Beck Hoffmann</i>
Method of Shipment:	Send Report To:	Date/Time 11/11/94 9:20
		Client Phone No.:

The Laboratory reserves the right to return hazardous samples to the client or may levy an appropriate fee per container for disposal.

CHAIN OF

Communication Planner

Name: C. BRETT MORGILLO Subject: GE-BUFFALO SERVICE SHOP
 Company: ERM-NORTHEAST File: PO. 400.081
 Position: ALBANY, NY Circulate:
 Address: Delegate to:
 Return to:

Bus.: Fax: Res.: Car:

Date: Note Time: Sec. Subject Response Follow-up Date

AES III	CLIENT ID	DATE/TIME	MATRIX	TYPE	ANALYSIS
G14	B6	11/10/94	1313	WIPE GRAB	PCBS
G15	B7		1315		
G16	B8		1317		
G16	B8 com				
G17	C1		1330		
G18	C2		1329		
G19	C3		1327		
G20	C4		1325		
G21	C5		1323		
G22	C6	1322	1313 com		
G23	C7	1320	1315 com		
G24	C8		1318		
G25	DUPE 2				
G26	FIELD BLANK	✓	13:03	✓	✓

Relinquished By C. Brett Morgillo 11-10-94 1600

APPENDIX B
USEPA APPROVAL LETTER



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY

REGION 2

2880 WOODBRIDGE AVENUE

EDISON, NEW JERSEY 08837-3679

**CERTIFIED MAIL
RETURN RECEIPT REQUESTED**

June 29, 2000

Don Porterfield, P.E.
Senior Engineer
URS Corporation
646 Plank Road, Suite 202
Clifton Park, New York 12065

Re: General Electric Corporation - Tonawanda Apparatus Service Center

Dear Mr Porterfield:

This is in response to your June 28, 2000 request, on behalf of General Electric Company (GE), to the U.S. Environmental Protection Agency (EPA) for approval of a revised closure plan, submitted with your request, under GE's PCB commercial storage approval issued by EPA on June 9, 1995. Based on our review of your submission, the revised closure plan is approved. Closure activities are to be conducted in accordance with the schedule in the revised closure plan.

The primary changes from the original plan are that a portion of the PCB storage area was closed previously in accordance with EPA requirements and certain exterior areas of PCB contamination are being addressed by the New York State Department of Environmental Conservation (NYSDEC) under RCRA corrective action. EPA shall be provided a copy of the final remedial actions to be taken after approval by NYSDEC.

Upon completion of the closure activities delineated in the subject revised closure plan, GE must submit to EPA a closure report, a formal request for closure approval, and a formal request for release from financial responsibility. In accordance with 40 C.F.R. § 761.65(e)(8), a certification that the PCB storage facility has been closed in accordance with this revised closure plan must be signed by the owner or operator and by an independent registered professional engineer. The language for the certification is found in 40 C.F.R. § 761.3 at "Certification."

Any extension to the closure schedule must be requested from, and granted by, EPA in writing.

Any questions or comments concerning this matter may be referred to Mr. David Greenlaw of my staff at (732) 906-6817.

Sincerely,

A handwritten signature in cursive script that reads "Laura Livingston".

Laura J. Livingston, Acting Chief
Pesticides and Toxic Substances Branch

cc: Dawn Varacchi, GE
Tony Hejmanowski, GE

APPENDIX C
NOTICE OF ISSUANCE OF APPROVAL AS A
COMMERCIAL STORER OF PCB WASTE



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY - REGION II

290 BROADWAY
NEW YORK, NEW YORK 10007-1868

NOTICE OF ISSUANCE OF APPROVAL OF

GENERAL ELECTRIC COMPANY
TONAWANDA SERVICE CENTER
TONAWANDA, NEW YORK

NYD067539940

AS A COMMERCIAL STORER OF PCB WASTE

The United States Environmental Protection Agency (EPA) has granted approval under the Toxic Substances Control Act, Section 6(e)(1), and the implementing regulations for polychlorinated biphenyls (PCBs), 40 C.F.R. Part 761, to the General Electric Company Tonawanda Service Center (hereinafter referred to as "GE Tonawanda Service Center"), located in Tonawanda, New York to engage in the commercial storage of PCB waste pursuant to 40 C.F.R. § 761.65(d)(2).

Enclosed is a copy of the final approval. No comments were received by EPA on the draft approval during the public comment period of March 24, 1995 through April 25, 1995.

This approval shall become effective on the date GE Tonawanda Service Center sends written notification to the Regional Administrator of EPA Region II of GE Tonawanda Service Center's acceptance of the conditions of this approval. This approval may be withdrawn if EPA Region II does not receive written notification from GE Tonawanda Service Center of its acceptance of the conditions of the approval within 45 days of the date of this letter. The period of this approval is from the date of the above referenced notification to EPA Region II until July 31, 2000.

Will J. Fox

Jeanne M. Fox
Regional Administrator
U.S. Environmental Protection Agency

6/9/95
Date

Region II
290 Broadway
New York, New York 10007-1868

Post-It™ brand fax transmittal memo 7871		# of pages > 7
To <i>Carol Aker</i>	From <i>Ray Salomon</i>	
Co. <i>GE</i>	Co. <i>GE</i>	
Dept.	Phone # <i>564-8200</i>	
Fax # <i>255-1181</i>	Fax # <i>564-8250</i>	

Printed on Recycled Paper



SEP 21 1994 08:20AM GE HEALTH CARE
UNITED STATES ENVIRONMENTAL PROTECTION AGENCY - REGION II

290 BROADWAY

NEW YORK, NEW YORK 10007-1868

JUN 09 1995

Roy Satzman, Tonawanda Service Center Manager
General Electric Company
Tonawanda Service Center
175 Milens Road
Tonawanda, New York 14150

Dear Mr. Satzman:

General Electric Company (GE), Tonawanda Service Center, requested approval from the Regional Administrator of Region II of the United States Environmental Protection Agency (EPA), under the federal regulations concerning polychlorinated biphenyls (PCBs), as a commercial storer of PCB waste. GE submitted an initial application to EPA on August 1, 1990. A notice of receipt of the application was published in the Federal Register on June 10, 1991. GE submitted a revised application on September 14, 1992, and a response to EPA Region II's April 4, 1994, Notice of Deficiency on May 23, 1994. GE submitted its compliance history on September 12, 1994. GE also submitted, on May 23, 1994, a Notice of Deactivation of PCB Management Areas to EPA Region II concerning decontamination of two areas designed for PCB storage and the December 15, 1994 report on the completion of this decontamination. All of these submittals by GE are hereinafter collectively referred to as GE's application documents.

The GE facility for which the above approval is requested is located at:

175 Milens Road
Tonawanda, New York 14150

EPA Region II grants approval for GE to engage in the commercial storage of PCB waste at the Tonawanda, New York facility. Approval as a commercial storer of PCB waste is granted pursuant to 40 C.F.R. § 761.65(d)(2). EPA Region II has determined that GE has satisfied the requirements of 40 C.F.R. § 761.65(d)(2) based on GE's application, EPA Region II's review of the data in the application documents, and EPA Region II's August 1990, August 1991, September 1992, July 1993, and August 1994 PCB Compliance Inspections of the facility.

This approval is subject to the terms and conditions of this letter, the conditions in the appendix to this letter, and the specifications in GE's application documents.

This approval shall become effective on the date GE sends written notification to the Regional Administrator of EPA

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Region II of GE's acceptance of the conditions of this approval. The period of this approval is from the date of the above referenced notification to EPA Region II until July 31, 2000.

This approval may be suspended, revoked, modified, or otherwise altered at any time if evidence indicates a violation of the conditions of the approval, 40 C.F.R. Part 761, or any other applicable rules or regulations has occurred; or if it is determined that implementation of the approval presents an unreasonable risk of injury to health or the environment.

Failure to comply with the conditions of the approval as a commercial storer of PCB waste, which includes the conditions in this letter and its appendix, and the specifications in GE's application documents, constitutes a violation of this approval, issued pursuant to 40 C.F.R. § 761.65(d), and a violation of 40 C.F.R. Part 761, which may result in an enforcement action.

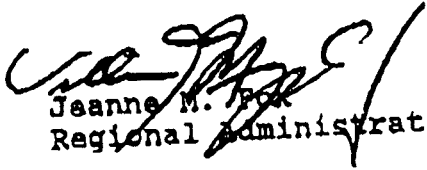
GE shall be responsible for the actions of all individuals who are involved in the implementation of the activities under this approval and, in addition to the other conditions of this approval, is required to comply with all applicable federal, state or local laws, rules and regulations.

Furthermore, receipt of evidence that misrepresentation of any material fact has been made in the applications, or that all relevant facts have not been disclosed, shall constitute sufficient cause for suspension, revocation, or modification of this approval.

This approval may be withdrawn if EPA Region II does not receive written notification from GE of its acceptance of the conditions of the approval within 45 days of the date of this letter.

The EPA finds that the operations of the Tonawanda, New York facility as authorized under this approval will not present an unreasonable risk of injury to health or the environment. This approval is granted to GE and shall not be transferred without written authorization from EPA Region II. Any change or modification in the requirements or conditions of this approval must receive prior written approval from EPA Region II.

Sincerely,


Jeanne M. Fox
Regional Administrator

Enclosure

-3-

cc: Michael D. Zagata, Commissioner
New York State Department of
Environmental Conservation (NYSDEC) w/encl.

Paul Counterman, Director, Bureau of Western Hazardous Waste
Programs, NYSDEC w/encl.

Louis Violanti, Regional Hazardous Substances Engineer,
NYSDEC Region 9 w/encl.

APPENDIX

General Electric Company
 Tonawanda Service Center
 175 Milens Road
 Tonawanda, New York 14150

EPA ID # NYD067539940

Approval Conditions for Commercial Storage of PCB Waste

1. The expiration date for this approval is July 31, 2000.
2. The approval shall expire on July 31, 2000 unless GE makes a written request for renewal to EPA Region II at least 180 days prior to the expiration date.
3. All references to PCB concentrations for non-liquid material are on a dry weight basis.
4. The following areas are designed for PCB storage:

Drum Storage Area
 PCB Work Area - North Section
 PCB Work Area - South Section

The South Section of the PCB Work Area may be used for PCB storage. The Drum Storage Area and the North Section of the PCB Work Area are currently deactivated and are not used for PCB storage but may be used for PCB storage provided GE provides the written notification to EPA as required under condition 5., below.

The maximum quantity of PCB liquids and PCB waste stored at any one time shall not exceed the quantity whose disposal cost would equal the estimated cost of disposal of the maximum inventory of PCB waste in GE's closure cost estimate, based on the disposal costs for each type of PCB waste in the closure cost estimate.

5. Deactivated, approved PCB storage areas; Drum Storage Area and North Section of the PCB Work Area:

GE has decontaminated the Drum Storage Area and the North Section of the PCB Work Area (dimensions of this section are 75 x 22.5 x 0.75 feet). These decontaminated areas are deactivated and shall not be used for storage of PCB waste unless EPA is notified. For each of the two deactivated areas, GE must notify EPA Region II in writing within thirty (30) days of any reuse of these areas for the storage of PCB waste.

The closure plan under this approval incorporates these deactivated areas such that the only action required

under this approval to reactivate an area is the notification to EPA. If an area is not used again for storage of PCB waste, the decontamination activities described in GE's December 15, 1994 report will generally not be required to be repeated for final closure.

6. The current closure cost estimate shall be maintained at the facility at all times.

7. GE's closure plan, as well as the other specifications in:

GE's initial application to EPA dated August 1, 1990,
 GE's September 14, 1992 revised application,

GE's May 23, 1994 response to EPA Region II's April 4, 1994 Notice of Deficiency,

GE's May 23, 1994 letter to EPA Region II regarding Notice of Deactivation of PCB Management Areas,

GE's September 12, 1994 response to EPA Region II's request for information on past environmental violations under 40 C.F.R. § 761.65 (d)(3)(iv) (submitted by ERM Northeast), and

GE's December 15, 1994 report on the completion of decontamination of two areas designed for PCB storage (submitted by ERM Northeast)

are incorporated by reference in this approval with the full force and effect as if fully set forth herein. This approval letter and appendix supersede the specifications and conditions of the application documents wherever they differ.

8. GE's closure cost estimate shall be adjusted annually for inflation in accordance with 40 C.F.R. § 761.65(f). GE shall send a copy of the updated closure cost estimate, certified using the "certification" defined in 40 C.F.R. § 761.3, and any related changes to the financial assurance mechanism(s) to EPA Region II within 30 days of the date they are required to be completed. Any reduction in the amount of financial assurance requires prior written approval from EPA Region II.

9. Any change or modification in the requirements or conditions of this approval must receive prior written approval from EPA Region II.

10. GE shall submit a written request to the Regional Administrator of EPA Region II for a modification to this

approval as a commercial storer of PCB waste and its closure plan whenever:

- (i) There is to be a change in ownership, operating plans, or facility PCB storage area specifications.
 - (ii) There is a change in the expected date of closure (2000).
 - (iii) In conducting closure activities, unexpected events require a modification of the approved closure plan.
 - (iv) The disposal regulations for materials to be disposed under the closure plan change such that a more expensive disposal method is required.
11. When a modification to the closure plan is approved and that modification increases the cost of closure, GE shall revise the closure cost estimate no later than 30 days after the modification is approved. Any such revision shall be adjusted for inflation in accordance with 40 C.F.R. § 761.65(f)(2).
 12. PCB analysis required under this approval shall be performed by a laboratory certified by the New York State Department of Health for PCB analysis.
 13. Containers for PCB waste storage and transportation shall be the containers specified for these materials by the United States Department of Transportation.
 14. All reports, notices and other submissions required by the PCB disposal approvals issued by EPA, Region II are to be sent to the:

Chief, Pesticides and Toxic Substances Branch
 U.S. Environmental Protection Agency, Region II
 2890 Woodbridge Avenue
 Edison, New Jersey 08837-3679

In addition, the reports required by the following sections of the PCB regulations are also to be sent to the Pesticides and Toxic Substances Branch:

- 40 C.F.R. § 761.180 Records and Monitoring.
- 40 C.F.R. § 761.210 Manifest discrepancies.
- 40 C.F.R. § 761.211 Unmanifested waste reports.
- 40 C.F.R. § 761.212 Exception reporting.

Submission of the above reports to the Chief of the Pesticides and Toxic Substances Branch shall satisfy the requirement to submit those reports to the Regional Administrator of EPA Region II.

APPENDIX D
NYSDEC NOTIFICATION LETTER
NYSDEC ACCEPTANCE LETTER



July 11, 2000

Ms. Kathleen Emery
Division of Solid and Hazardous Materials
New York State Department
of Environmental Conservation
270 Michigan Avenue
Buffalo, New York 14203-2999

Re: *Revised Closure Plan*
Commercial PCB Storage Area
Tonawanda, New York

Dear Ms. Emery:

On behalf of General Electric Company (GE), URS is providing notification that GE will be closing the PCB storage area at their service shop in Tonawanda, New York. The Tonawanda shop has operated the PCB storage area as an approved commercial PCB storage facility under Toxic Substances Control Act (TSCA). The approval, which was issued by EPA, will expire on July 31, 2000. GE's May 1996 Part 373 Hazardous Waste Operating Permit (373 Permit) for the Tonawanda shop covers the PCB area and an outdoor RCRA storage area. URS understands that the 373 Permit incorporates by reference the EPA approved *Closure Plan* for the commercial PCB storage area.

As we discussed during a telephone conversation today, URS has modified the existing approved *Closure Plan* to reflect changes at the site. The *Revised Closure Plan* is based on the existing *Closure Plan* and incorporates information from the *RCRA Facility Investigation (RFI) Report* prepared by Dames & Moore (a division of URS) and the *Corrective Measure Study* prepared by Dames & Moore. The *Revised Closure Plan* was submitted to the EPA on June 28, 2000. On June 29, 2000, EPA approved the *Revised Closure Plan*. A copy of the *Revised Closure Plan*, and the EPA letter approving the *Revised Closure Plan* are attached. GE plans on closing their commercial PCB storage area in accordance with the *Revised Closure Plan*.

If you have any questions regarding this material or require additional information, please contact Dawn Varacchi of GE at (508) 486-0503 or Don Porterfield of URS at (518) 688-0015.

Very truly yours,

URS

Don Porterfield, P.E.
Senior Engineer

Attachments

cc: Dawn Varacchi – GE, w/o *Revised Closure Plan*
Kevin McNally – GE, w/o *Revised Closure Plan*
Tony Hejmanowski – GE, w/o *Revised Closure Plan*

URS Corporation
646 Plank Road, Suite 202
Clifton Park, NY 12065
Tel: 518.688.0015
Fax: 518.688.0022

GE – Tonawanda / July 11, 2000
42368-205 / L4936L.doc

Rec'd 9/19/00

New York State Department of Environmental Conservation

Division of Solid and Hazardous Materials, Region 9

70 Michigan Avenue, Buffalo, New York, 14203-2988

Phone: (716) 851-7220 · FAX: (716) 851-7226

Website: www.state.ny.us



September 11, 2000

Mr. A. Hejmanowski
EHS Coordinator
GE Apparatus Service
175 Milens Road
Tonawanda, New York 14150-6794

Dear Mr. Hejmanowski:

Revised Closure Plan
GE Apparatus Service Center
Tonawanda, New York

The New York State Department of Environmental Conservation has reviewed the Revised Closure Plan dated June 28, 2000 for the GE Apparatus Service Center in Tonawanda, New York. Upon review of the closure plan, the Department finds this plan to be acceptable with the following clarifications:

1. Please clarify the statement on page 3 of the Plan which states "The 373 Permit allows GE to store hazardous wastes that contain volatile organic compounds (VOCs), metals, and PCBs at a storage area on the northeast side of the building (Figure 2)." The wastes that may be stored in the "RCRA Hazardous Waste Storage Area" are specifically listed in Module VI of the Permit and does not include PCB wastes. If GE wishes to store PCBs in this area a permit modification must be requested and then approved by the Department.
2. The Corrective Measures Study (CMS) prepared for the GE Apparatus Service Center, dated April 24, 2000, is referenced in the Closure Report. Approval of the Closure Plan does not include approval of the CMS. Comments on the CMS were sent to GE on August 8, 2000.
3. Statements regarding PCB inventory removal on pages 11 and 14 contradict. This is to clarify that the statement on page 11, "The first step in the closure process will be (to) remove the existing PCB inventory and transport the materials to a properly licensed off-site facility for disposal" is correct and that the waste will be removed prior to any decontamination and sampling activities.

Please contact this office one week prior to the interior decontamination and sampling activities. If you have any questions regarding the Closure Plan, please contact Ms. Kathleen Emery of my staff at (716) 851-7220.

Sincerely,

Frank Shattuck

Frank Shattuck, P.E.
Regional Solid & Hazardous
Materials Engineer

cc: Ms. Kathleen Emery, DEC, Buffalo
Mr. Roger Murphy, DEC, Albany

APPENDIX E
PCB ANALYTICAL LABORATORY REPORTS





December 4, 2000

Mr. Mark Colmerauer
URS Corporation
282 Delaware Avenue
Buffalo, NY 14202

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

Tel: 716 691 2600
Fax: 716 691 7991
www.stl-inc.com

RE: Analytical Results

Dear Mr. Colmerauer:

Please find enclosed analytical results concerning the samples submitted by your firm. The pertinent information regarding these analyses is listed below:

Quote #: NY00-249
Project: GE Tonawanda PCB Testing
Matrix: Wipe
Samples Received: 11/15/00
Sample Date: 11/15/00

If you have any questions concerning these data, please contact me at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide URS Corporation with environmental testing services. We look forward to serving you in the future.

Sincerely,

STL Buffalo

Amy L. Haag
Program Manager

ALH/ekn
Enclosure

I.D. #A00-8360
#NY0A8653

This report contains 15 pages which are individually numbered.

ANALYTICAL RESULTS

Prepared For:

URS Corporation
282 Delaware Avenue
Buffalo, NY 14202

Prepared By:

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228-2298

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is indicated on the specific data tables. The method number presented refers to the following U.S. Environmental Protection Agency reference:

- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846), Third Edition, Update III, December 1996, United States Environmental Protection Agency Office of Solid Waste.

COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

The cooler was received at a temperature of 3°C.

METHOD 8082

No deviations that affected the acceptability of the analytical results were encountered during the analytical procedures.

This data report shall not be reproduced, except in full, without the written authorization of STL Buffalo.

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

ND or U Indicates compound was analyzed for, but not detected.

- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.

- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Date: 12/04/2000
Time: 09:02:03

URS CORPORATION
GE Tonawanda Testing
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Report: AN0326

Client ID	Job No	Sample Date	Lab ID	W-1 A00-8360 11/15/2000	A0836001	W-10 A00-8360 11/15/2000	A0836010	W-11 A00-8360 11/15/2000	A0836011	W-12 A00-8360 11/15/2000	A0836012
Analyte			Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242			UG/WIPE	ND	0.50	ND	0.50	1.4	0.50	ND	0.50
Aroclor 1248			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1260			UG/WIPE	1.7	0.50	2.3	0.50	3.8	0.50	1.9	0.50
---SURROGATE(S)---											
Tetrachloro-m-xylene			%	79	32-148	64	32-148	69	32-148	73	32-148
Decachlorobiphenyl			%	86	36-153	70	36-153	76	36-153	80	36-153

Client ID	Job No	Sample Date	Lab ID	W-2 A00-8360 11/15/2000	A0836002	W-3 A00-8360 11/15/2000	A0836003	W-4 A00-8360 11/15/2000	A0836004	W-5 A00-8360 11/15/2000	A0836005
Analyte			Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254			UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1260			UG/WIPE	2.7	0.50	1.1	0.50	1.5	0.50	6.0	0.50
---SURROGATE(S)---											
Tetrachloro-m-xylene			%	66	32-148	68	32-148	66	32-148	64	32-148
Decachlorobiphenyl			%	76	36-153	80	36-153	78	36-153	76	36-153

NA = Not Applicable ND = Not Detected

STL Buffalo

000003

Date: 12/04/2000
Time: 09:02:03

URS CORPORATION
GE Tonawanda PCB Testing
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	W-6 A00-8360 11/15/2000	A0836006	W-7 A00-8360 11/15/2000	A0836007	W-8 A00-8360 11/15/2000	A0836008	W-9 A00-8360 11/15/2000	A0836009
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	UG/WIPE	2.9	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	UG/WIPE	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1260	UG/WIPE	4.2	0.50	1.8	0.50	1.4	0.50	10	0.50
SURROGATE(S)									
Tetrachloro-m-xylene	%	72	32-148	70	32-148	70	32-148	68	32-148
Decachlorobiphenyl	%	85	36-153	81	36-153	82	36-153	81	36-153

**Chronology and QC
Summary Package**

Date: 12/04/2000
Time: 09:02:03

URS CORPORATION
GE Tonawanda PCB Testing
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID	Lab ID	Method Blank	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No		A00-8360	A080917503						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/WIPE	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	110	32-148	NA		NA		NA	
Decachlorobiphenyl	%	130	36-153	NA		NA		NA	

000006

Date: 12/04/2000
 Time: 09:02:03

URS CORPORATION
 GE Tonawanda Testing
 METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A00-8360 A080917501		Matrix Spike Blk Dup A00-8360 A080917502		Reporting Limit	Sample Value	Reporting Limit	Sample Value
		Sample Value	Reporting Limit	Sample Value	Reporting Limit				
Aroclor 1016		UG/WIPE	0.50	ND	0.50	0.50	NA		NA
Aroclor 1221		UG/WIPE	0.50	ND	0.50	0.50	NA		NA
Aroclor 1232		UG/WIPE	0.50	ND	0.50	0.50	NA		NA
Aroclor 1242		UG/WIPE	0.50	ND	0.50	0.50	NA		NA
Aroclor 1248		UG/WIPE	0.50	ND	0.50	0.50	NA		NA
Aroclor 1254		UG/WIPE	0.50	6.1	0.50	0.50	NA		NA
Aroclor 1260		UG/WIPE	0.50	ND	0.50	0.50	NA		NA
SURROGATE(S)									
Tetrachloro-m-xylene	%		32-148	108	32-148	32-148	NA		NA
Decachlorobiphenyl	%		36-153	129	36-153	36-153	NA		NA

NA = Not Applicable ND = Not Detected

STL Buffalo

000007

Client Sample ID: Method Blank
 Lab Sample ID: A080917503

Matrix Spike Blank A080917501
 Matrix Spike Blk Dup A080917502

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			QC LIMITS		
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	RPD	REC.	
METHOD 8082 WIPES - POLYCHLORINATED BIPH Aroclor 1254	UG/WIPE	6.10	6.08	5.00	5.00	122	122	122	0	30.0	52-153

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Calculated

Date: 12/04/2000
 Time: 09:02:10

U R S DAMES & MOORE
 SAMPLE CHEMISTRY

Rept: AN0374
 e: 1

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Job No & Lab Sample ID	Client Sample ID	W-1 A00-8360 A0836001	W-10 A00-8360 A0836010	W-11 A00-8360 A0836011	W-12 A00-8360 A0836012	W-2 A00-8360 A0836002
Sample Date		11/15/2000 10:26	11/15/2000 10:46	11/15/2000 10:47	11/15/2000 10:40	11/15/2000 10:28
Received Date		11/15/2000 15:20	11/15/2000 15:20	11/15/2000 15:20	11/15/2000 15:20	11/15/2000 15:20
Extraction Date		11/18/2000 00:00	11/18/2000 00:00	11/18/2000 00:00	11/18/2000 00:00	11/18/2000 00:00
Analysis Date		11/22/2000 00:04	11/24/2000 14:54	11/24/2000 15:19	11/24/2000 15:43	11/22/2000 00:28
Extraction HT Met?		YES	YES	YES	YES	YES
Analytical HT Met?		YES	YES	YES	YES	YES
Sample Matrix		WIPE	WIPE	WIPE	WIPE	WIPE
Dilution Factor		1.0	1.0	1.0	1.0	1.0
Sample wt/vol		1.0 GRAMS	1.0 GRAMS	1.0 GRAMS	1.0 GRAMS	1.0 GRAMS
% Dry		100.00	100.00	100.00	100.00	100.00

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Job No & Lab Sample ID	W-3 A00-8360 A0836003	W-4 A00-8360 A0836004	W-5 A00-8360 A0836005	W-6 A00-8360 A0836006	W-7 A00-8360 A0836007
Client Sample ID					
Sample Date	11/15/2000 10:31	11/15/2000 10:33	11/15/2000 10:36	11/15/2000 10:38	11/15/2000 10:40
Received Date	11/15/2000 15:20	11/15/2000 15:20	11/15/2000 15:20	11/15/2000 15:20	11/15/2000 15:20
Extraction Date	11/18/2000 00:00	11/18/2000 00:00	11/18/2000 00:00	11/18/2000 00:00	11/18/2000 00:00
Analysis Date	11/22/2000 02:57	11/22/2000 03:22	11/22/2000 03:46	11/22/2000 04:11	11/22/2000 04:36
Extraction HI Met?	YES	YES	YES	YES	YES
Analytical HI Met?	YES	YES	YES	YES	YES
Sample Matrix	WIPE	WIPE	WIPE	WIPE	WIPE
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	1.0 GRAMS	1.0 GRAMS	1.0 GRAMS	1.0 GRAMS	1.0 GRAMS
% Dry	100.00	100.00	100.00	100.00	100.00

Date: 12/04/2000
Time: 09:02:10

U R S DAMES & MOORE
SAMPLE C... OLOGY

Rept: AM0374
e: 3

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	W-8 A00-8360 A0836008	W-9 A00-8360 A0836009	
Sample Date	11/15/2000 10:43	11/15/2000 10:45	
Received Date	11/15/2000 15:20	11/15/2000 15:20	
Extraction Date	11/18/2000 00:00	11/18/2000 00:00	
Analysis Date	11/22/2000 05:01	11/22/2000 05:25	
Extraction HT Met?	YES	YES	
Analytical HT Met?	YES	YES	
Sample Matrix	WIPE	WIPE	
Dilution Factor	1.0	1.0	
Sample wt/vol	1.0 GRAMS	1.0 GRAMS	
% Dry	100.00	100.00	

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A00-8360 A080917503		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	11/18/2000 00:00 11/22/2000 02:32 - - WIPE 1.0 1.0 GRAMS 100.00		

000012

STL Buffalo

Date: 12/04/2000
 Time: 09:02:10

U R S DAMES & MOORE
 QC SAMPLE ANALOGY

Rept: AM0374
 ie: 4

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A00-8360 A080917501	Matrix Spike Blk Dup A00-8360 A080917502	
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	11/18/2000 00:00 11/22/2000 01:43 - WIPE 1.0 1.0 GRAMS 100.00	11/18/2000 00:00 11/22/2000 02:07 - WIPE 1.0 1.0 GRAMS 100.00	

Chain of Custody

STL-4124 (0700)

Client: URS Date: 11/15/00 Chain of Custody Number: 010698
 Address: 282 Delaware Ave Lab Number: _____
 City: Buffalo State: Ny Zip Code: 14202 Page: 1 of 1
 Project Name and Location (State): GET, Tomwanda Ny
 Contract/Purchase Order/Quote No.: _____

Project Manager: M. Colmanauer Date: 11/15/00 Chain of Custody Number: 010698
 Telephone Number (Area Code)/Fax Number: (716) 851-5636 (716) 856 2545
 Site Contact: _____ Lab Contact: _____
 Carrier/Waybill Number: _____

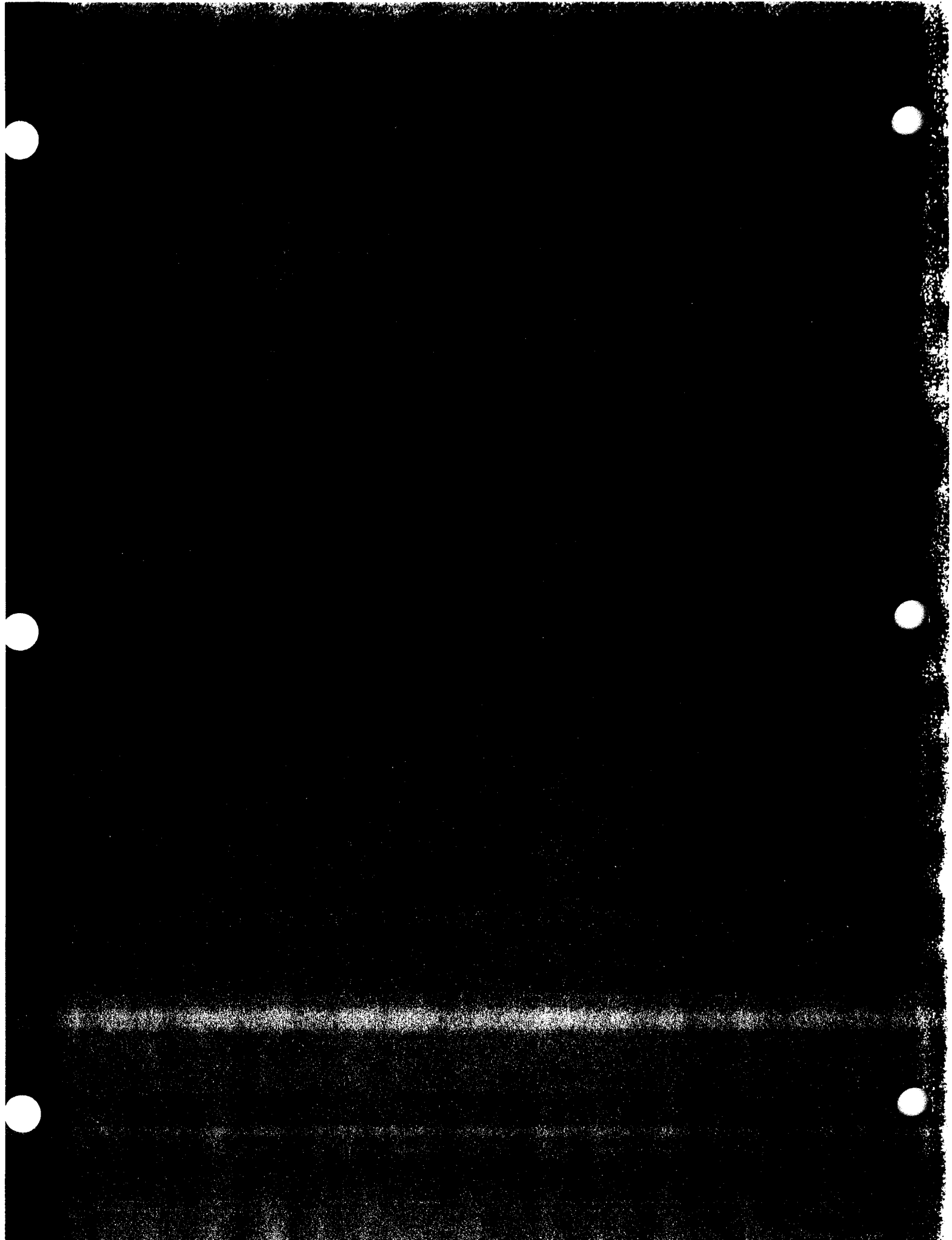
Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives					Special Instructions/ Conditions of Receipt		
			Air	Sed.	Soil	Unpres.	H2SO4	HNO3	HCl	NaOH		ZnAc/NaOH	
W-1	11/5/00	1026				X							
W-2		1028				X							
W-3		1031				X							
W-4		1033				X							
W-5		1036				X							
W-6		1038				X							
W-7		1040				X							
W-8		1043				X							
W-9		1045				X							
W-10		1046				X							
W-11		1047				X							
W-12		1040				X							

Possible Hazard Identification
 Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Disposal By Lab Archive For _____ Months
 Sample Disposal - Check with M. Colmanauer (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: Normal
 24 Hours 48 Hours Days 14 Days 21 Days Other _____
 QC Requirements (Specify): _____
 1. Relinquished By: _____ Date: 11/15/00 Time: 15:20
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____

Comments: col 3-6

DISTRIBUTION: WHITE - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy





December 6, 2000

Mr. Mark Colmerauer
URS Consultants
282 Delaware Avenue
Buffalo, NY 14202

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

Tel: 716 691 2600
Fax: 716 691 7991
www.stl-inc.com

RE: Analytical Results

Dear Mr. Colmerauer:

Please find enclosed analytical results concerning the samples submitted by your firm. The pertinent information regarding these analyses is listed below:

Project Name: General Electric Sewer Monitoring
Matrix: Water and Soil/Other
Samples Received: 11/17/00
Sample Date: 11/17/00

If you have any questions concerning this data, please contact me at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide URS Greiner, Inc with environmental testing services. We look forward to serving you in the future.

Sincerely,

STL Buffalo

Amy L. Haag
Program Manager

ALH/ekn
Enclosure

I.D. #A00-8426
#NY0A8571

This report contains 23 pages which are individually numbered

C00001



ANALYTICAL RESULTS

STL Buffalo

Prepared for:

**URS Consultants
282 Delaware Avenue
Buffalo, NY 14202**

Prepared by:

**STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228-2298**

METHODOLOGY

The specific methodologies employed in obtaining the enclosed analytical results are indicated on the specific data tables. The method numbers presented refer to the following U.S. Environmental Protection Agency references:

- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846), Third Edition, Update III, December 1996, United States Environmental Protection Agency Office of Solid Waste.
- 40 CFR Part 136 "Guidelines Establishing Test Procedures for the Analysis of Pollutants Under the Clean Water Act" October 26, 1984 (Federal Register) United States Environmental Protection Agency.

COMMENTS

Comments pertain to data on one or all pages of this report.

The enclosed data has been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

The cooler was received at a temperature 4°C.

METHOD 608

No deviations from protocol that affected the acceptability of the analytical results were encountered during the analytical procedures.

**METHOD 8082**

STL Buffalo

Sample AC-1 was analyzed at a dilution factor of 50 due to target compounds exceeding the linear range of initial calibration. All surrogates were diluted out.

Sample BCE-1 was analyzed at a dilution factor of 20 due to target compounds exceeding the linear range of initial calibration. All surrogates were diluted out.

Sample BCE-3 was analyzed at a dilution factor of 20 due to target compounds exceeding the linear range of initial calibration. All surrogates were diluted out.

Sample BCE-4 was analyzed at a dilution factor of 20 due to target compounds exceeding the linear range of initial calibration. All surrogates were diluted out.

Sample BCW-5 was analyzed at a dilution factor of 10 due to target compounds exceeding the linear range of initial calibration. All surrogates were diluted out.

Sample BCE-1 MS was analyzed at a dilution factor of 20 due to target compounds exceeding the linear range of initial calibration. All surrogates were diluted out.

Sample BCE-1 SD was analyzed at a dilution factor of 20 due to target compounds exceeding the linear range of initial calibration. All surrogates were diluted out.

The relative percent difference (RPD) for spike recovery between samples BCE-1 MS and BCE-1 SD was above quality control limits for Aroclor 1254. However, the individual recovery results were compliant.

Sample AC-3 was analyzed at a dilution factor of 4 due to target compounds exceeding the linear range of initial calibration.

Sample BCE-2 was analyzed at a dilution factor of 10 due to target compounds exceeding the linear range of initial calibration.

Sample BCW-4 was analyzed at a dilution factor of 2 due to target compounds exceeding the linear range of initial calibration.

Sample BCW-6 was analyzed at a dilution factor of 2 due to target compounds exceeding the linear range of initial calibration.

No other deviations from protocol that affected the acceptability of the analytical results were encountered during the analytical procedures.

This data report shall not be reproduced, except in full, without the written authorization of STL Buffalo.

DATA COMMENT PAGE**ORGANIC DATA QUALIFIERS**

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Date: 12/06/2000
Time: 13:36:34

URS Consultants
General Electric Sewer Monitoring
METHOD 608 - PCBs

Rept: AM0326

Client ID Job No Sample Date	Lab ID	Units	R-1 A00-8426 11/17/2000		A0842617		Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
			Sample Value	Reporting Limit	Sample Value	Reporting Limit						
Aroclor 1016		UG/L	ND	0.030	NA	NA		NA		NA		NA
Aroclor 1221		UG/L	ND	0.030	NA	NA		NA		NA		NA
Aroclor 1232		UG/L	ND	0.030	NA	NA		NA		NA		NA
Aroclor 1242		UG/L	ND	0.030	NA	NA		NA		NA		NA
Aroclor 1248		UG/L	ND	0.030	NA	NA		NA		NA		NA
Aroclor 1254		UG/L	ND	0.030	NA	NA		NA		NA		NA
Aroclor 1260		UG/L	ND	0.030	NA	NA		NA		NA		NA
SURROGATE(S)												
Tetrachloro-m-xylene		%	62	22-119	NA	NA		NA		NA		NA
Decachlorobiphenyl		%	44	30-135	NA	NA		NA		NA		NA

000005

Date: 12/06/2000
Time: 13:36:34

URS Consultants
General Electric
Method 8082 - POLYCHLORINATED BIPHENYLS

Rept: A00326

Client ID Job No Sample Date	Lab ID	Units	AC-1 A00-8426 11/17/2000		AC-2 A00-8426 11/17/2000		AC-3 A00-8426 11/17/2000		AC-4 A00-8426 11/17/2000		
			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	
Aroclor 1016		MG/KG	ND	12	ND	0.50	0.50	ND	0.99	ND	0.50
Aroclor 1221		MG/KG	ND	12	ND	0.50	0.50	ND	0.99	ND	0.50
Aroclor 1232		MG/KG	ND	12	ND	0.50	0.50	ND	0.99	ND	0.50
Aroclor 1242		MG/KG	ND	12	ND	0.50	0.50	ND	0.99	ND	0.50
Aroclor 1248		MG/KG	ND	12	ND	0.50	0.50	ND	0.99	ND	0.50
Aroclor 1254		MG/KG	120	12	0.72	0.50	0.50	9.1	0.99	1.7	0.50
Aroclor 1260		MG/KG	360	12	1.7	0.50	0.50	28	0.99	2.2	0.50
SURROGATE(S)											
Tetrachloro-m-xylene		%	0 D	32-148	100	32-148	32-148	82	32-148	101	32-148
Decachlorobiphenyl		%	0 D	36-153	103	36-153	36-153	114	36-153	106	36-153

Client ID Job No Sample Date	Lab ID	Units	AC-5 A00-8426 11/17/2000		AC-6 A00-8426 11/17/2000		BCE-1 A00-8426 11/17/2000		BCE-2 A00-8426 11/17/2000		
			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	
Aroclor 1016		MG/KG	ND	0.50	ND	0.50	0.50	ND	5.5	ND	2.1
Aroclor 1221		MG/KG	ND	0.50	ND	0.50	0.50	ND	5.5	ND	2.1
Aroclor 1232		MG/KG	ND	0.50	ND	0.50	0.50	ND	5.5	ND	2.1
Aroclor 1242		MG/KG	ND	0.50	ND	0.50	0.50	ND	5.5	ND	2.1
Aroclor 1248		MG/KG	ND	0.50	ND	0.50	0.50	ND	5.5	ND	2.1
Aroclor 1254		MG/KG	0.68	0.50	0.54	0.50	0.50	48	5.5	21	2.1
Aroclor 1260		MG/KG	0.64	0.50	0.32 J	0.50	0.50	110	5.5	39	2.1
SURROGATE(S)											
Tetrachloro-m-xylene		%	104	32-148	104	32-148	32-148	0 D	32-148	95	32-148
Decachlorobiphenyl		%	102	36-153	98	36-153	36-153	0 D	36-153	100	36-153

000006

NA = Not Applicable ND = Not Detected

STL Buffalo

Client ID	Lab ID	BCE-3 A00-8426 11/17/2000	A0842603	BCE-4 A00-8426 11/17/2000	A0842604	BCW-1 A00-8426 11/17/2000	A0842605	BCW-2 A00-8426 11/17/2000	A0842606
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	4.9	ND	4.3	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	4.9	ND	4.3	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	4.9	ND	4.3	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	4.9	ND	4.3	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	4.9	ND	4.3	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	27	4.9	48	4.3	0.42 J	0.50	ND	0.50
Aroclor 1260	MG/KG	64	4.9	79	4.3	0.76	0.50	ND	0.50
SURROGATE(S)									
Tetrachloro-m-xylene	%	0 D	32-148	0 D	32-148	108	32-148	109	32-148
Decachlorobiphenyl	%	0 D	36-153	0 D	36-153	114	36-153	119	36-153

Client ID	Lab ID	BCW-3 A00-8426 11/17/2000	A0842607	BCW-4 A00-8426 11/17/2000	A0842608	BCW-5 A00-8426 11/17/2000	A0842609	BCW-6 A00-8426 11/17/2000	A0842610
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	1.9	ND	0.51
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	1.9	ND	0.51
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	1.9	ND	0.51
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	1.9	ND	0.51
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	1.9	ND	0.51
Aroclor 1254	MG/KG	1.3	0.50	3.8	0.50	12	1.9	7.1	0.51
Aroclor 1260	MG/KG	2.4	0.50	6.8	0.50	23	1.9	13	0.51
SURROGATE(S)									
Tetrachloro-m-xylene	%	108	32-148	91	32-148	0 D	32-148	99	32-148
Decachlorobiphenyl	%	120	36-153	97	36-153	0 D	36-153	105	36-153

000007

**Chronology and QC
Summary Package**

Date: 12/06/2000
Time: 13:36:34

URS Consultants
General Electric Sewer Monitoring
METHOD 608 - PCBs

Rept: AM0326

Client ID	Lab ID	Method Blank	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Job No		A00-8426	A080921802					
Sample Date								
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Aroclor 1016	UG/L	ND	0.030	NA		NA		NA
Aroclor 1221	UG/L	ND	0.030	NA		NA		NA
Aroclor 1232	UG/L	ND	0.030	NA		NA		NA
Aroclor 1242	UG/L	ND	0.030	NA		NA		NA
Aroclor 1248	UG/L	ND	0.030	NA		NA		NA
Aroclor 1254	UG/L	ND	0.030	NA		NA		NA
Aroclor 1260	UG/L	ND	0.030	NA		NA		NA
SURROGATE(S)								
Tetrachloro-m-xylene	%	54	22-119	NA		NA		NA
Decachlorobiphenyl	%	76	30-135	NA		NA		NA

000009

Date: 12/06/2000
Time: 13:36:34

URS Consultants
General Electric
Method 8082 - POLYCHLORINATED BIPHENYLS

Rept: AM0326

Client ID Job No Sample Date	Lab ID	Method Blank A00-8426		A080938502					
		Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016			MG/KG	ND	0.50	NA		NA	
Aroclor 1221			MG/KG	ND	0.50	NA		NA	
Aroclor 1232			MG/KG	ND	0.50	NA		NA	
Aroclor 1242			MG/KG	ND	0.50	NA		NA	
Aroclor 1248			MG/KG	ND	0.50	NA		NA	
Aroclor 1254			MG/KG	ND	0.50	NA		NA	
Aroclor 1260			MG/KG	ND	0.50	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene		%		105	32-148	NA		NA	
Decachlorobiphenyl		%		97	36-153	NA		NA	

000010

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 12/06/2000
Time: 13:36:34

URS Consultants
General Electric Sewer Monitoring
METHOD 608 - PCBs

Rept: AM0326

Client ID	Lab ID	Matrix Spike Blank		Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Job No	Sample Date	Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016			UG/L	ND	0.030	NA		NA	
Aroclor 1221			UG/L	ND	0.030	NA		NA	
Aroclor 1232			UG/L	ND	0.030	NA		NA	
Aroclor 1242			UG/L	0.36	0.030	NA		NA	
Aroclor 1248			UG/L	ND	0.030	NA		NA	
Aroclor 1254			UG/L	ND	0.030	NA		NA	
Aroclor 1260			UG/L	ND	0.030	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene			%	60	22-119	NA		NA	
Decachlorobiphenyl			%	83	30-135	NA		NA	

C0C011

Date: 12/06/2000
Time: 13:36:34

URS Consultants
General Electric or Monitoring
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AM0326

Client ID	Lab ID	BCE-1 MS A00-8426 11/17/2000	A0842601MS	BCE-1 SD A00-8426 11/17/2000	A0842601SD	Matrix Spike Blank A00-8426 A080938501	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Aroclor 1016		ND	4.4	ND	4.2	ND	0.50	ND	0.50	NA
Aroclor 1221		ND	4.4	ND	4.2	ND	0.50	ND	0.50	NA
Aroclor 1232		ND	4.4	ND	4.2	ND	0.50	ND	0.50	NA
Aroclor 1242		ND	4.4	ND	4.2	ND	0.50	ND	0.50	NA
Aroclor 1248		ND	4.4	ND	4.2	ND	0.50	ND	0.50	NA
Aroclor 1254		72	4.4	59	4.2	1.6	0.50	1.6	0.50	NA
Aroclor 1260		100	4.4	74	4.2	ND	0.50	ND	0.50	NA
SURROGATE(S)										
Tetrachloro-m-xylene	%	0 D	32-148	0 D	32-148	100	32-148	0 D	32-148	NA
Decachlorobiphenyl	%	0 D	36-153	0 D	36-153	92	36-153	0 D	36-153	NA

000012

NA = Not Applicable ND = Not Detected

STL Buffalo

Date : 12/06/2000 13:36:50

SAMPLE DATE 11/17/2000

Rept: AM0364

Client Sample ID: BCE-1
Lab Sample ID: A0842601

BCE-1 MS
A0842601MS

BCE-1 SD
A0842601SD

Analyte	Units of Measure	Sample	Concentration			% Recovery			QC LIMITS		
			Matrix Spike	Spike Duplicate	MS	MSD	AVG	% RPD	RPD	REC.	
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	48.0	72.4	59.0	22.0	111	52	82	72 *	30.0	52-153

000013

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Calculated

STL Buffalo

Client Sample ID: Method Blank
Lab Sample ID: A0B0921802

Matrix Spike Blank
A0B0921801

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 608 - PCBS Aroclor 1242	UG/L	0.359	0.500	72	35-136

000014

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Calculated

Date : 12/06/2000 13:36:50

Rept: AN0364

Client Sample ID: Method Blank
Lab Sample ID: A080938502

Matrix Spike Blank
A080938501

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	1.57	1.77	88	52-153

000015

* Indicates Result is outside QC Limits
NC = Not Calculated, ND = Not Calculated

STL Buffalo

Date: 12/06/2000
Time: 13:36:43

U R S GREINER, INC
SAMPLE C

Rept: AM0374
e: 1

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	AC-1 A00-8426 A0842611	AC-2 A00-8426 A0842612	AC-3 A00-8426 A0842613	AC-4 A00-8426 A0842614	AC-5 A00-8426 A0842615
Sample Date	11/17/2000 09:42	11/17/2000 09:44	11/17/2000 09:47	11/17/2000 09:49	11/17/2000 09:51
Received Date	11/17/2000 10:50	11/17/2000 10:50	11/17/2000 10:50	11/17/2000 10:50	11/17/2000 10:50
Extraction Date	11/28/2000 16:00	11/28/2000 16:00	11/28/2000 16:00	11/28/2000 16:00	11/28/2000 16:00
Analysis Date	12/01/2000 17:42	12/01/2000 18:17	12/01/2000 18:51	12/01/2000 19:26	12/01/2000 20:01
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOTHER	SOTHER	SOTHER	SOTHER	SOTHER
Dilution Factor	50.0	1.0	4.0	1.0	1.0
Sample wt/vol	2.1 GRAMS	2.27 GRAMS	2.03 GRAMS	2.9 GRAMS	2.07 GRAMS
% Dry	99.66	99.00	99.78	98.75	99.34

000016

NA = Not Applicable

STL Buffalo

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	AC-6 A00-8426 A0842616	BCE-1 A00-8426 A0842601	BCE-2 A00-8426 A0842602	BCE-3 A00-8426 A0842603	BCE-4 A00-8426 A0842604
Sample Date	11/17/2000 09:52	11/17/2000 08:50	11/17/2000 08:56	11/17/2000 09:02	11/17/2000 09:08
Received Date	11/17/2000 10:50	11/17/2000 10:50	11/17/2000 10:50	11/17/2000 10:50	11/17/2000 10:50
Extraction Date	11/28/2000 16:00	11/28/2000 16:00	11/28/2000 16:00	11/28/2000 16:00	11/28/2000 16:00
Analysis Date	12/01/2000 20:35	12/01/2000 03:46	12/01/2000 05:30	12/01/2000 06:04	12/01/2000 06:39
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOTHER	SOTHER	SOTHER	SOTHER	SOTHER
Dilution Factor	1.0	20.0	10.0	20.0	20.0
Sample wt/vol	2.67	1.83	2.4	2.07	2.37
% Dry	97.72	99.16	98.00	99.03	99.01

COC017

Date: 12/06/2000
Time: 13:36:43

U R S GREINER, INC
SAMPLE C OLOGY

Rept: AM0374
e: 3

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	BCW-1 A00-8426 A0842605	BCW-2 A00-8426 A0842606	BCW-3 A00-8426 A0842607	BCW-4 A00-8426 A0842608	BCW-5 A00-8426 A0842609
Sample Date	11/17/2000 09:23	11/17/2000 09:27	11/17/2000 09:29	11/17/2000 09:32	11/17/2000 09:35
Received Date	11/17/2000 10:50	11/17/2000 10:50	11/17/2000 10:50	11/17/2000 10:50	11/17/2000 10:50
Extraction Date	11/28/2000 16:00	11/28/2000 16:00	11/28/2000 16:00	11/28/2000 16:00	11/28/2000 16:00
Analysis Date	12/01/2000 07:13	12/01/2000 07:48	12/01/2000 08:23	12/01/2000 15:58	12/01/2000 16:33
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOTHER	SOTHER	SOTHER	SOTHER	SOTHER
Dilution Factor	1.0	1.0	1.0	2.0	10.0
Sample wt/vol	2.31	2.32	2.07	2.3	2.67
% Dry	98.75	95.91	97.31	94.32	98.32

000018

METHOD 608 - PCBs

Client Sample ID Job No & Lab Sample ID	BCW-6 A00-8426 A0842610	R-1 A00-8426 A0842617	
Sample Date		11/17/2000 10:14	
Received Date		11/17/2000 10:50	
Extraction Date		11/20/2000 07:00	
Analysis Date		11/29/2000 16:06	
Analytical HT Met?	NA	YES	
Extraction HT Met?		YES	
Sample Matrix		WATER	
Dilution Factor		1.0	
Sample wt/vol		1.0	LITERS
% Dry			

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	BCW-6 A00-8426 A0842610	R-1 A00-8426 A0842617	
Sample Date			
Received Date	11/17/2000 09:32		
Extraction Date	11/17/2000 10:50		
Analysis Date	11/28/2000 16:00		
Analytical HT Met?	YES	NA	
Extraction HT Met?	YES		
Sample Matrix	SOTHER		
Dilution Factor	2.0		
Sample wt/vol	2.07		GRAMS
% Dry	94.87		

000010

Date: 12/06/2000
Time: 13:36:43

U R S GREINER, INC
QC SAMPLE ANALOLOGY

Rept: AM0374
e: 6

METHOD 608 - PCBs

Client Sample ID Job No & Lab Sample ID	Method Blank A00-8426 A080921802	Method Blank A00-8426 A080938502
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	11/20/2000 07:00 11/22/2000 13:16 - WATER 1.0 1.0 LITERS	NA

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A00-8426 A080921802	Method Blank A00-8426 A080938502
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	11/28/2000 16:00 12/01/2000 22:53 - SOIL MED 1.0 2.26 GRAMS 100.00

NA = Not Applicable

000020
STL Buffalo

METHOD 608 - PCBs

Client Sample ID Job No & Lab Sample ID	BCE-1 MS A00-8426 A0842601MS	BCE-1 SD A00-8426 A0842601SD	Matrix Spike Blank A00-8426 A080921801	Matrix Spike Blank A00-8426 A080938501
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	NA	11/20/2000 07:00 11/22/2000 12:51 - WATER 1.0 1.0 LITERS	NA

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	BCE-1 MS A00-8426 A0842601MS	BCE-1 SD A00-8426 A0842601SD	Matrix Spike Blank A00-8426 A080921801	Matrix Spike Blank A00-8426 A080938501
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	11/17/2000 08:50 11/17/2000 10:50 11/28/2000 16:00 12/01/2000 04:20 YES YES SOTHER 20.0 2.29 99.16 GRAMS	11/17/2000 08:50 11/17/2000 10:50 11/28/2000 16:00 12/01/2000 04:55 YES YES SOTHER 20.0 2.38 99.16 GRAMS	NA	11/28/2000 16:00 12/01/2000 21:10 - SOIL 1.0 2.81 100.00 MED GRAMS

000021

Chain of Custody

Chain of Custody Record

STL-4124 (0700)

Client: **URS** Project Manager: **M. Colmerauer** Date: **11/17/00** Chain of Custody Number: **010694**
 Address: **282 Delaware Ave** Telephone Number (Area Code)/Fax Number: **(716) 856-5636 (716) 856-2545** Lab Number: **1** of **2**
 City: **Buffalo** State: **Ny** Zip Code: **14202** Site Contact: **Lab Contact** Carrier/Waybill Number: **PCB-CHP**

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix							Containers & Preservatives					Special Instructions/ Conditions of Receipt				
			Air	Aqueous	Sed	Soil	Chips	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc	NaOH					
BCE-1	11/17/00	0850																	
BCE-2		0856																	
BCE-3		0902																	
BCE-4		0906																	
BCW-1		0923																	
BCW-2		0927																	
BCW-3		0929																	
BCW-4		0932																	
BCW-5		0935																	
BCW-6		0932																	
AC-1		0942																	
AC-2		0944																	

Sample Disposal: Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown

Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other

QC Requirements (Specify):

1. Relinquished By: *[Signature]* Date: **10/17/00** Time: **1050**
 2. Relinquished By: *[Signature]* Date: **11/17/00** Time: **1050**
 3. Relinquished By: *[Signature]* Date: **11/17/00** Time: **1050**

Comments: **cooler 4°C**

DISTRIBUTION: **Severn Trent Laboratories, Inc. - Stays with the Sample; CANARY - Returned to Client with Report; PINK - Field Copy**

STL-4124 (0700)

Client: **URS** Project Manager: **M. Colmanover** Date: **11/17/00** Chain of Custody Number: **010695**

Address: **282 Delaware Ave** Telephone Number (Area Code)/Fax Number: **(716) 856-5636 / (716) 856-2545** Lab Number: **Page 2 of 2**

City: **Buffalo** State: **NY** Zip Code: **14202** Site Contact: **Lab Contact**

Project Name/Association (State): **GE Tomawanda NY** Carrier/Waybill Number: **Lab Contact**

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives					Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt	
			Aqueous	Sed	Soil	Impres.	H2SO4	HNO3	HCl	NaOH			ZnAc/NaOH
AC-3	11/17/00	0947											
AC-4		0949											
AC-5		0951											
AC-6		0952											
R-1		1014	X										
R-2			X										
R-3			X										
R-4			X										
11/17/00													

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown

Sample Disposal: Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

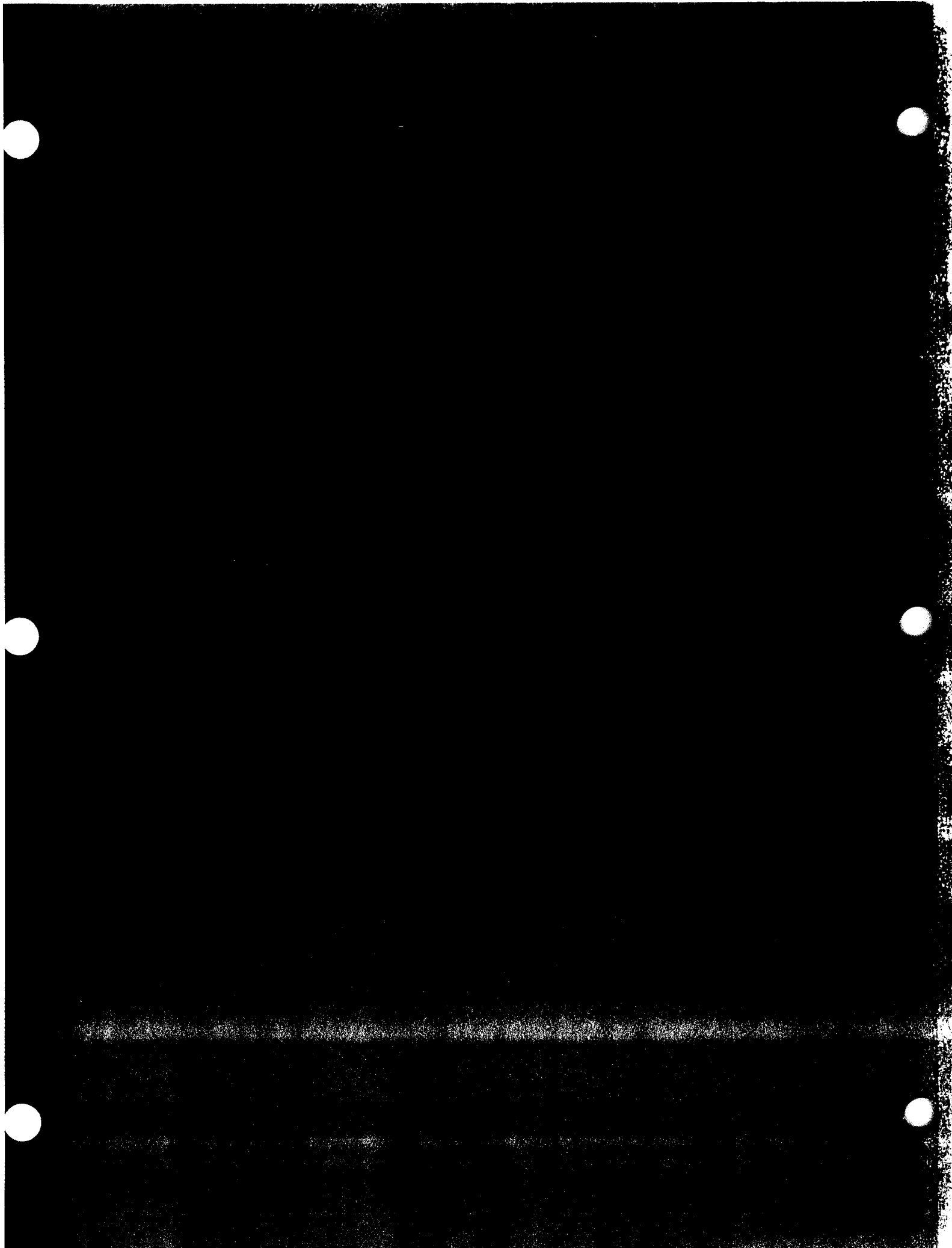
Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other

1. Relinquished By: **[Signature]** Date: **11/17/00** Time: **1050**

2. Relinquished By: **[Signature]** Date: **11/17/00** Time: **1050**

3. Relinquished By: **[Signature]** Date: **11/17/00** Time: **1050**

Comments: **cool**



SEVERN 00001
TRENT
SERVICES

June 19, 2001

Mr. Mark Colmerauer
URS Corporation
282 Delaware Avenue
Buffalo, NY 14202

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

Tel: 716 691 2600
Fax: 716 691 7991
www.stl-inc.com

RE: Analytical Results

Dear Mr. Colmerauer:

Please find enclosed analytical results concerning the samples submitted by your firm. The pertinent information regarding these analyses is listed below:

Quote #: NY00-249
Project: GE Tonawanda PCB Testing
Matrix: Soil
Samples Received: 05/25/01
Sample Dates: 05/23/01 - 05/25/01

If you have any questions concerning these data, please contact me at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide URS Corporation with environmental testing services. We look forward to serving you in the future.

Sincerely,

STL Buffalo



Amy L. Haag
Program Manager

ALH/ltb
Enclosure

I.D. #A01-4977
#NY0A8653

This report contains 53 pages which are individually numbered.



June 27, 2001

Karen Peppin
URS Dames and Moore
646 Plank Road
Suite 202
Clifton Park, NY 12065

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

Tel: 716 691 2600
Fax: 716 691 7991
www.stl-inc.com

Dear Ms. Peppin:

The samples that arrived for STL job number A01-4977 (URS site: GE Tonawanda/PCB Storage Area) were batched in several different batches due to the high volume of samples received. The preparation and analysis were therefore performed over several days. Batch A1B04743 exhibited a zero value for the Matrix Spike Blank (MSB) and we conclude that the spike was inadvertently missed during preparation. The Matrix Spike (MS) and duplicate of that spike (SD) were diluted out due to high target analytes in the sample. All of the surrogates spiked in not only the field samples but also the quality control samples exhibited acceptable recoveries, thus leading to our conclusion that the Aroclor spike in the MSB was inadvertently missed during preparation. All other QC samples (MSB and method blanks) exhibited acceptable recoveries of Aroclor and surrogate spikes.

Please do not hesitate to contact me if you have any further questions.

Sincerely,

A handwritten signature in black ink that reads "Amy Haag". The signature is written in a cursive, flowing style.

Amy Haag
Program Manager

/alh

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is indicated on the specific data tables. The method number presented refers to the following U.S. Environmental Protection Agency reference:

STL Buffalo

- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846), Third Edition, Update III, December 1996, United States Environmental Protection Agency Office of Solid Waste.

COMMENTS

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Two sample coolers were received at temperatures of 4°C.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Deviations from protocol were encountered as noted for the 8082 analyses.

METHOD 8082

Surrogates Decachlorobiphenyl and Tetrachloro-m-xylene were diluted from samples TB-3-H-CCDUP, TB-3-I-CC, TB-3-H-CC, TB-4-H-CC, TB-4-I-CC, TB-4-I-CCMS, TB-4-I-CCSD, TB-5-A-CC, TB-5-B-CC, TB-5-C-CC, TB-5-E-CC, TB-5-I-CC and TB-4-I-CC.

The extractions were performed at medium level.

"The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety."

DATA COMMENT PAGE**ORGANIC DATA QUALIFIERS**

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ' Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

000005

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
TB-5-G-CC	A1497734	8082	5.00	008
TB-5-F-CC	A1497735	8082	2.00	008
TB-5-E-CC	A1497736	8082	50.00	008
TB-5-D-CC	A1497737	8082	5.00	008
TB-5-C-CC	A1497738	8082	20.00	008
TB-5-B-CC	A1497739	8082	20.00	008
TB-5-A-CC	A1497740	8082	50.00	008
TC-6-B-AC	A1497745	8082	2.00	008
TC-1-D-AC	A1497753	8082	2.00	008
DD-2-D-CC	A1497757	8082	2.00	008
DD-2-E-CC	A1497758	8082	2.00	008
TB-5-I-CC	A1497759	8082	50.00	008
TB-4-I-CC	A1497760	8082	100.00	008
TB-4-I-CC MS	A1497760MS	8082	100.00	008
TB-4-I-CC SD	A1497760SD	8082	100.00	008
TB-3-I-CC	A1497761	8082	10.00	008
TB-5-H-CC	A1497762	8082	5.00	008
TB-4-H-CC	A1497763	8082	10.00	008
TB-3-H-CC	A1497764	8082	20.00	008
TB-3-H-CCDUP	A1497764FD	8082	100.00	008

ution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - non-target compounds (TICS) exceeded 5X the total response of one of the Internal Standards
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

000006

Sample Data Package

Client ID	Lab ID	DD-1-A-CC A01-4977 05/24/2001	A1497755	DD-1-B-CC A01-4977 05/24/2001	A1497756	DD-1-E-CC-2-3" A01-4977 05/23/2001	A1497714	DD-1-E-CC-3-4" A01-4977 05/23/2001	A1497715
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	1.6	0.50	0.92	0.50	ND	0.50	ND	0.50
Aroclor 1260	MG/KG	2.0	0.50	1.2	0.50	ND	0.50	ND	0.50
-SURROGATE(S)									
Tetrachloro-m-xylene	%	99	32-148	104	32-148	106	32-148	106	32-148
Decachlorobiphenyl	%	94	36-153	96	36-153	94	36-153	98	36-153

Client ID	Lab ID	DD-1-E-CC-4-5" A01-4977 05/23/2001	A1497716	DD-1-E-SS-7-8" A01-4977 05/23/2001	A1497721	DD-2-B-CC-1-2" A01-4977 05/23/2001	A1497717	DD-2-B-CC-2-3" A01-4977 05/23/2001	A1497718
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1260	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
-SURROGATE(S)									
Tetrachloro-m-xylene	%	108	32-148	110	32-148	107	32-148	107	32-148
Decachlorobiphenyl	%	100	36-153	112	36-153	98	36-153	98	36-153

000007

Client ID	Lab ID	DD-2-B-CC-3-4"	A1497719	DD-2-B-CC-4-5"	A1497720	DD-2-8-SS-7-8"	A1497722	DD-2-D-CC	A1497757
Job No	Sample Date	A01-4977	05/23/2001	A01-4977	05/23/2001	A01-4977	05/23/2001	A01-4977	05/24/2001
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	ND	0.50	ND	0.50	ND	0.50	8.2	0.50
Aroclor 1260	MG/KG	ND	0.50	ND	0.50	ND	0.50	14	0.50
SURROGATE(S)									
Tetrachloro-m-xylene	%	106	32-148	110	32-148	108	32-148	103	32-148
Decachlorobiphenyl	%	98	36-153	110	36-153	110	36-153	105	36-153

Client ID	Lab ID	DD-2-E-CC	A1497758	TB-2-A-CC	A1497741	TB-3-A-CC-1-2"	A1497727	TB-3-A-CC-2-3"	A1497728
Job No	Sample Date	A01-4977	05/24/2001	A01-4977	05/25/2001	A01-4977	05/23/2001	A01-4977	05/23/2001
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	8.4	0.50	3.2	0.50	1.5	0.50	0.38 J	0.50
Aroclor 1260	MG/KG	11	0.50	4.0	0.50	1.4	0.50	0.41 J	0.50
SURROGATE(S)									
Tetrachloro-m-xylene	%	102	32-148	104	32-148	97	32-148	108	32-148
Decachlorobiphenyl	%	104	36-153	108	36-153	114	36-153	114	36-153

000008

Client ID Job No Sample Date	Lab ID	TB-3-A-CC-3-4" A01-4977 05/23/2001	A1497729	TB-3-A-CC-4-5" A01-4977 05/23/2001	A1497730	TB-3-A-SS-7-8" A01-4977 05/23/2001	A1497732	TB-3-H-CC A01-4977 05/24/2001	A1497764
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	4.0
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	4.0
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	4.0
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	4.0
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	4.0
Aroclor 1254	MG/KG	ND	0.50	ND	0.50	ND	0.50	59	4.0
Aroclor 1260	MG/KG	ND	0.50	ND	0.50	ND	0.50	71	4.0
SURROGATE(S)									
Tetrachloro-m-xylene	%	109	32-148	110	32-148	113	32-148	0 0	32-148
Decachlorobiphenyl	%	114	36-153	112	36-153	114	36-153	0 0	36-153

Client ID Job No Sample Date	Lab ID	TB-3-H-CCDUP A01-4977 05/24/2001	A1497764FD	TB-3-1-CC A01-4977 05/24/2001	A1497761	TB-4-F-CC-1-2" A01-4977 05/23/2001	A1497723	TB-4-F-CC-2-3" A01-4977 05/23/2001	A1497724
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	23	ND	2.3	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	23	ND	2.3	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	23	ND	2.3	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	23	ND	2.3	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	23	ND	2.3	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	94	23	42	2.3	ND	0.50	ND	0.50
Aroclor 1260	MG/KG	100	23	57	2.3	ND	0.50	ND	0.50
SURROGATE(S)									
Tetrachloro-m-xylene	%	0 0	32-148	0 0	32-148	110	32-148	110	32-148
Decachlorobiphenyl	%	0 0	36-153	0 0	36-153	113	36-153	107	36-153

000009

Client ID	Lab ID	TB-4-F-CC-3-4"	A1497725	TB-4-F-CC-4-5"	A1497726	TB-4-F-SS-7-8"	A1497731	TB-4-H-CC	A1497763
Job No	Sample Date	A01-4977	05/23/2001	A01-4977	05/23/2001	A01-4977	05/23/2001	A01-4977	05/24/2001
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	2.0
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	2.0
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	2.0
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	2.0
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	2.0
Aroclor 1254	MG/KG	ND	0.50	ND	0.50	0.36 J	0.50	43	2.0
Aroclor 1260	MG/KG	ND	0.50	ND	0.50	0.38 J	0.50	59	2.0
SURROGATE(S)									
Tetrachloro-m-xylene	%	109	32-148	109	32-148	111	32-148	0 0	32-148
Decachlorobiphenyl	%	112	36-153	112	36-153	113	36-153	0 0	36-153

Client ID	Lab ID	TB-4-I-CC	A1497760	TB-5-A-CC	A1497740	TB-5-B-CC	A1497739	TB-5-C-CC	A1497738
Job No	Sample Date	A01-4977	05/24/2001	A01-4977	05/25/2001	A01-4977	05/25/2001	A01-4977	05/25/2001
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	20	ND	11	ND	3.9	ND	4.0
Aroclor 1221	MG/KG	ND	20	ND	11	ND	3.9	ND	4.0
Aroclor 1232	MG/KG	ND	20	ND	11	ND	3.9	ND	4.0
Aroclor 1242	MG/KG	ND	20	ND	11	ND	3.9	ND	4.0
Aroclor 1248	MG/KG	ND	20	ND	11	ND	3.9	ND	4.0
Aroclor 1254	MG/KG	98	20	98	11	53	3.9	76	4.0
Aroclor 1260	MG/KG	160	20	180	11	100	3.9	130	4.0
SURROGATE(S)									
Tetrachloro-m-xylene	%	0 0	32-148	0 0	32-148	0 0	32-148	0 0	32-148
Decachlorobiphenyl	%	0 0	36-153	0 0	36-153	0 0	36-153	0 0	36-153

Client ID	Job No	Sample Date	Lab ID	TB-5-D-CC A01-4977 05/25/2001	A1497737	TB-5-E-CC A01-4977 05/25/2001	A1497736	TB-5-F-CC A01-4977 05/25/2001	A1497735	TB-5-G-CC A01-4977 05/25/2001	A1497734
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	1.2	ND	11	ND	0.50	ND	0.50	ND	0.88
Aroclor 1221	MG/KG	ND	1.2	ND	11	ND	0.50	ND	0.50	ND	0.88
Aroclor 1232	MG/KG	ND	1.2	ND	11	ND	0.50	ND	0.50	ND	0.88
Aroclor 1242	MG/KG	ND	1.2	ND	11	ND	0.50	ND	0.50	ND	0.88
Aroclor 1248	MG/KG	ND	1.2	ND	11	ND	0.50	ND	0.50	ND	0.88
Aroclor 1254	MG/KG	25	1.2	56	11	9.9	0.50	16	0.50	16	0.88
Aroclor 1260	MG/KG	31	1.2	77	11	11	0.50	17	0.50	17	0.88
SURROGATE(S)											
Tetrachloro-m-xylene	%	105	32-148	0 D	32-148	101	32-148	105	32-148	105	32-148
Decachlorobiphenyl	%	130	36-153	0 D	36-153	115	36-153	132	36-153	132	36-153

Client ID	Job No	Sample Date	Lab ID	TB-5-I-CC A01-4977 05/24/2001	A1497762	TB-5-I-CC A01-4977 05/24/2001	A1497759	TC-1-B-AC A01-4977 05/24/2001	A1497743	TC-1-D-AC A01-4977 05/24/2001	A1497753
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	1.2	ND	11	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	1.2	ND	11	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	1.2	ND	11	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	1.2	ND	11	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	1.2	ND	11	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	22	1.2	33	11	1.2	0.50	2.7	0.50	2.7	0.50
Aroclor 1260	MG/KG	33	1.2	43	11	1.0	0.50	3.5	0.50	3.5	0.50
SURROGATE(S)											
Tetrachloro-m-xylene	%	105	32-148	0 D	32-148	120	32-148	105	32-148	105	32-148
Decachlorobiphenyl	%	128	36-153	0 D	36-153	86	36-153	110	36-153	110	36-153

000011

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NA = Not Applicable ND = Not Detected

Client ID Job No Sample Date	Lab ID	TC-1-D-AC-DUP A01-4977 05/24/2001	A1497753FD	TC-10-B-AC A01-4977 05/24/2001	A1497747	TC-11-E-AC A01-4977 05/24/2001	A1497748	TC-11.5-C-5-AC-1-2" A01-4977 05/23/2001	A1497707
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	0.84	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	1.4	0.50	ND	0.50	0.76	0.50	ND	0.50
Aroclor 1260	MG/KG	1.7	0.50	ND	0.50	ND	0.50	ND	0.50
SURROGATE(S)									
Tetrachloro-m-xylene	%	100	32-148	92	32-148	98	32-148	101	32-148
Decachlorobiphenyl	%	95	36-153	65	36-153	64	36-153	92	36-153

Client ID Job No Sample Date	Lab ID	TC-11.5-C-5-AC-2-3" A01-4977 05/23/2001	A1497708	TC-11.5-C-5-AC-3-4" A01-4977 05/23/2001	A1497709	TC-11.5-C-5-AC-4-5" A01-4977 05/23/2001	A1497710	TC-11.5-C-5-SS-0-1" A01-4977 05/23/2001	A1497711
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1260	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
SURROGATE(S)									
Tetrachloro-m-xylene	%	94	32-148	110	32-148	102	32-148	104	32-148
Decachlorobiphenyl	%	90	36-153	94	36-153	94	36-153	93	36-153

000012

Client ID	Lab ID	TC-11.5-C-5-SS-1-2'	TC-11.5-C-5-SS-0-1'DU	TC-2.5-A-5-AC1-2"	TC-2.5-A-5-AC2-3"
Job No		A01-4977	A01-4977	A01-4977	A01-4977
Sample Date		05/23/2001	05/23/2001	05/23/2001	05/23/2001
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	ND	0.50	ND	0.50
Aroclor 1260	MG/KG	ND	0.50	ND	0.50
SURROGATE(S)					
Tetrachloro-m-xylene	%	106	32-148	104	32-148
Decachlorobiphenyl	%	96	36-153	104	36-153

Client ID	Lab ID	TC-2.5-A-5-AC3-4	TC-2.5-A-5-AC4-5"	TC-2.5-A-5-SS-0-1'	TC-3-E-AC
Job No		A01-4977	A01-4977	A01-4977	A01-4977
Sample Date		05/23/2001	05/23/2001	05/23/2001	05/24/2001
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	ND	0.50	ND	0.50
Aroclor 1260	MG/KG	ND	0.50	ND	0.50
SURROGATE(S)					
Tetrachloro-m-xylene	%	100	32-148	116	32-148
Decachlorobiphenyl	%	98	36-153	94	36-153
				87	32-148
				89	36-153

000013

Client ID	Job No	Sample Date	Lab ID	TC-4-B-AC A01-4977 05/24/2001	A1497744	TC-5-E-AC A01-4977 05/24/2001	A1497751	TC-6-B-AC A01-4977 05/24/2001	A1497745	TC-7-E-AC A01-4977 05/24/2001	A1497750
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	2.9	0.50	0.92	0.50	3.7	0.50	0.79	0.50	0.79	0.50
Aroclor 1260	MG/KG	3.2	0.50	1.3	0.50	2.2	0.50	0.36 J	0.50	0.36 J	0.50
SURROGATE(S)											
Tetrachloro-m-xylene	%	96	32-148	96	32-148	95	32-148	92	32-148	92	32-148
Decachlorobiphenyl	%	78	36-153	107	36-153	53	36-153	64	36-153	64	36-153

Client ID	Job No	Sample Date	Lab ID	TC-8-B-AC A01-4977 05/24/2001	A1497746	TC-9-E-AC A01-4977 05/24/2001	A1497749	TC-9-E-AC A01-4977 05/24/2001	A1497749	TC-9-E-AC A01-4977 05/24/2001	A1497749
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	0.69	0.50	0.21 J	0.50	0.21 J	0.50	0.21 J	0.50	0.21 J	0.50
Aroclor 1260	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
SURROGATE(S)											
Tetrachloro-m-xylene	%	91	32-148	99	32-148	99	32-148	99	32-148	99	32-148
Decachlorobiphenyl	%	70	36-153	64	36-153	64	36-153	64	36-153	64	36-153

000014

Client ID Job No Sample Date	Lab ID	TB-CG-RB A01-4977 05/25/2001		A1497742		TB-SS-RB A01-4977 05/23/2001		A1497733		TC-AC-RB A01-4977 05/24/2001		A1497754	
		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016		ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	NA	
Aroclor 1221	UG/L	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	NA	
Aroclor 1232	UG/L	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	NA	
Aroclor 1242	UG/L	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	NA	
Aroclor 1248	UG/L	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	NA	
Aroclor 1254	UG/L	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	NA	
Aroclor 1260	UG/L	ND	0.47	ND	0.47	ND	0.47	ND	0.47	ND	0.47	NA	
SURROGATE(S)													
Tetrachloro-m-xylene	%	64	36-132	53	36-132	49	36-132	70	28-132	36-132	28-132	NA	
Decachlorobiphenyl	%	64	28-132	90	28-132							NA	

NA = Not Applicable ND = Not Detected

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000015

000016

Chronology and QC Summary Package

Client ID Job No Sample Date	Lab ID	Method Blank A180457002		Method Blank A180457102		Method Blank A01-4977		Method Blank A180474202		Method Blank A01-4977		Method Blank A180474302	
		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016		ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221		ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232		ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242		ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248		ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254		ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1260		ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50	ND	0.50
SURROGATE(S)													
Tetrachloro-m-xylene	%	106	32-148	108	32-148	100	32-148	100	32-148	105	32-148	105	32-148
Decachlorobiphenyl	%	100	36-153	110	36-153	102	36-153	102	36-153	98	36-153	98	36-153

000017

Client ID	Lab ID	Method Blank	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No		A01-4977	A180456402						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	53	36-132	NA		NA		NA	
Decachlorobiphenyl	%	68	28-132	NA		NA		NA	

000018

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NA = Not Applicable ND = Not Detected

Client ID	Lab ID	Matrix Spike Blank	Matrix Spike Blank	Matrix Spike Blank	Matrix Spike Blank	Matrix Spike Blank
Job No		A180457001	A180457101	A180474201	A180474301	
Sample Date		A01-4977	A01-4977	A01-4977	A01-4977	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND
Aroclor 1254	MG/KG	2.5	0.50	3.1	0.50	ND
Aroclor 1260	MG/KG	ND	0.50	ND	0.50	ND
SURROGATE(S)						
Tetrachloro-m-xylene	%	106	32-148	101	32-148	104
Decachlorobiphenyl	%	97	36-153	100	36-153	97

Client ID	Lab ID	TB-4-F-CC-4-5 MS	TB-4-F-CC-4-5 SD	TB-4-I-CC MS	TB-4-I-CC SD	
Job No		A01-4977	A01-4977	A01-4977	A01-4977	
Sample Date		05/23/2001	05/23/2001	05/24/2001	05/24/2001	
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND
Aroclor 1254	MG/KG	2.9	0.50	ND	0.50	ND
Aroclor 1260	MG/KG	ND	0.50	200	0.50	200
SURROGATE(S)						
Tetrachloro-m-xylene	%	110	32-148	0 D	32-148	0 D
Decachlorobiphenyl	%	112	36-153	0 D	36-153	0 D

000019

Client ID	Lab ID	Units	TC-11.5-C-5-AC-2-3MS A01-4977 05/23/2001	TC-11.5-C-5-AC-2-3SD A01-4977 05/23/2001	TC-8-B-AC MS A01-4977 05/24/2001	A1497746MS	TC-8-B-AC SD A01-4977 05/24/2001	A1497746SD
Analyte	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	2.1	0.50	2.2	0.50	3.3	0.50	3.7	0.50
Aroclor 1260	ND	0.50	ND	0.50	0.34 J	0.50	0.56	0.50
SURROGATE(S)								
Tetrachloro-m-xylene	94	32-148	92	32-148	90	32-148	92	32-148
Decachlorobiphenyl	92	36-153	87	36-153	68	36-153	68	36-153

000020

000021

Client ID	Lab ID	Matrix Spike Blank	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No		A01-4977	A1B0456401						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/L	4.4	0.50	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	58	36-132	NA		NA		NA	
Decachlorobiphenyl	%	70	28-132	NA		NA		NA	

NA = Not Applicable ND = Not Detected

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METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	DD-1-A-CC A01-4977 A1497755	DD-1-B-CC A01-4977 A1497756	DD-1-E-CC-2-3" A01-4977 A1497714	DD-1-E-CC-3-4" A01-4977 A1497715	DD-1-E-CC-4-5" A01-4977 A1497716
Sample Date	05/24/2001 13:45	05/24/2001 13:55	05/23/2001 14:30	05/23/2001 14:35	05/23/2001 14:40
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	06/02/2001 03:00	06/02/2001 03:00	05/27/2001 10:00	05/27/2001 10:00	05/27/2001 10:00
Analysis Date	06/06/2001 01:37	06/06/2001 03:43	05/30/2001 09:02	05/30/2001 09:28	05/30/2001 09:53
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	2.31	2.26	2.23	2.65	2.27
% Dry	97.94	98.06	92.43	94.90	94.96

000022

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NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	DD-1-E-SS-7-8" A01-4977 A1497721	DD-2-B-CC-1-2" A01-4977 A1497717	DD-2-B-CC-2-3" A01-4977 A1497718	DD-2-B-CC-3-4" A01-4977 A1497719	DD-2-B-CC-4-5" A01-4977 A1497720
Sample Date	05/23/2001 14:50	05/23/2001 15:00	05/23/2001 15:05	05/23/2001 15:10	05/23/2001 15:15
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	06/03/2001 10:00	05/27/2001 10:00	05/27/2001 10:00	05/27/2001 10:00	06/03/2001 10:00
Analysis Date	06/05/2001 13:22	05/30/2001 11:09	05/30/2001 11:35	05/30/2001 12:00	06/05/2001 12:57
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	2.02	2.52	2.86	2.41	2.47
% Dry	97.40	92.21	93.64	92.02	94.42

000023

STL Buffalo

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	DD-2-B-SS-7-8 ^u A01-4977 A1497722	DD-2-D-CC A01-4977 A1497757	DD-2-E-CC A01-4977 A1497758	TB-2-A-CC A01-4977 A1497741	TB-3-A-CC-1-2 ^m A01-4977 A1497727
Sample Date	05/23/2001 14:55	05/24/2001 14:05	05/24/2001 14:15	05/25/2001 11:45	05/23/2001 16:20
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	06/03/2001 10:00	06/02/2001 03:00	06/02/2001 03:00	06/03/2001 12:00	06/03/2001 10:00
Analysis Date	06/05/2001 13:48	06/06/2001 04:09	06/06/2001 04:34	06/05/2001 13:30	06/05/2001 18:27
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	2.0	2.0	1.0	1.0
Sample wt/vol	2.26	2.32	2.32	2.29	2.29
% Dry	97.16	97.94	97.91	96.40	97.33

000024

STL Buffalo

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-3-A-CC-2-3" A01-4977 A1497728	TB-3-A-CC-3-4" A01-4977 A1497729	TB-3-A-CC-4-5" A01-4977 A1497730	TB-3-A-SS-7-8" A01-4977 A1497732	TB-3-H-CC A01-4977 A1497764
Sample Date	05/23/2001 16:25	05/23/2001 16:35	05/23/2001 16:35	05/23/2001 16:30	05/24/2001 16:20
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	06/03/2001 10:00	06/03/2001 10:00	06/03/2001 10:00	06/03/2001 10:00	06/02/2001 03:00
Analysis Date	06/05/2001 18:52	06/05/2001 19:43	06/05/2001 19:43	06/05/2001 20:33	06/06/2001 07:56
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	20.0
Sample wt/vol	2.25	2.16	2.8	2.43	2.54
% DRY	95.96	96.67	93.43	98.94	97.46

000025

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-3-H-CCDUP A01-4977 A1497764FD	TB-3-I-CC A01-4977 A1497761	TB-4-F-CC-1-2" A01-4977 A1497723	TB-4-F-CC-2-3" A01-4977 A1497724	TB-4-F-CC-3-4" A01-4977 A1497725
Sample Date	05/24/2001 16:20	05/24/2001 15:45	05/23/2001 15:45	05/23/2001 15:50	05/23/2001 15:55
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	06/02/2001 03:00	06/02/2001 03:00	06/03/2001 10:00	06/03/2001 10:00	06/03/2001 10:00
Analysis Date	06/06/2001 08:22	06/06/2001 06:40	06/05/2001 14:13	06/05/2001 14:38	06/05/2001 16:45
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	100.0	10.0	1.0	1.0	1.0
Sample wt/vol	2.19	2.19	2.44	2.39	2.69
% Dry	97.46	98.51	94.77	95.58	93.27

000026

STL Buffalo

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-4-F-CC-4-5" A01-4977 A1497726	TB-4-F-SS-7-8" A01-4977 A1497731	TB-4-H-CC A01-4977 A1497763	TB-4-I-CC A01-4977 A1497760	TB-5-A-CC A01-4977 A1497740
Sample Date	05/23/2001 16:00	05/23/2001 15:35	05/24/2001 16:10	05/24/2001 15:30	05/25/2001 11:30
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	06/03/2001 10:00	06/03/2001 10:00	06/02/2001 03:00	06/02/2001 03:00	06/03/2001 10:00
Analysis Date	06/05/2001 17:11	06/05/2001 20:08	06/06/2001 07:31	06/06/2001 05:25	06/06/2001 00:21
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	10.0	100.0	50.0
Sample wt/vol	2.96	2.86	2.52	2.54	2.28
% Dry	96.83	98.56	98.31	98.88	99.01
					MED
					GRAMS

000027

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-5-B-CC A01-4977 A1497739	TB-5-C-CC A01-4977 A1497738	TB-5-D-CC A01-4977 A1497737	TB-5-E-CC A01-4977 A1497736	TB-5-F-CC A01-4977 A1497735
Sample Date	05/25/2001 11:15	05/25/2001 11:00	05/25/2001 10:45	05/25/2001 10:30	05/25/2001 10:15
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	06/03/2001 10:00	06/03/2001 10:00	06/03/2001 10:00	06/03/2001 10:00	06/03/2001 10:00
Analysis Date	06/05/2001 23:56	06/05/2001 23:30	06/05/2001 23:05	06/05/2001 22:40	06/05/2001 22:15
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	20.0	20.0	5.0	50.0	2.0
Sample wt/vol	2.63	2.54	2.2	2.32	2.03
% Dry	98.23	99.38	97.86	98.23	99.06

000028

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-5-G-CC A01-4977 A1497734	TB-5-H-CC A01-4977 A1497762	TB-5-I-CC A01-4977 A1497759	TB-CC-RB A01-4977 A1497742	TB-SS-RB A01-4977 A1497733
Sample Date	05/25/2001 10:00	05/24/2001 16:00	05/24/2001 15:15		
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30		
Extraction Date	06/03/2001 10:00	06/02/2001 03:00	06/02/2001 03:00		
Analysis Date	06/05/2001 21:49	06/06/2001 07:06	06/06/2001 04:59		
Extraction HT Met?	YES	YES	YES		
Analytical HT Met?	YES	YES	YES		
Sample Matrix	SOIL	SOIL	SOIL	NA	NA
Dilution Factor	5.0	5.0	50.0		
Sample wt/vol	2.88	2.14	2.29		
% Dry	98.20	99.07	98.24		

URS CONSULTANTS METHOD 8082 - PCB'S

Client Sample ID Job No & Lab Sample ID	TB-5-G-CC A01-4977 A1497734	TB-5-H-CC A01-4977 A1497762	TB-5-I-CC A01-4977 A1497759	TB-CC-RB A01-4977 A1497742	TB-SS-RB A01-4977 A1497733
Sample Date	NA	NA	NA		
Received Date				05/25/2001 11:55	05/23/2001 16:35
Extraction Date				05/25/2001 15:30	05/25/2001 15:30
Analysis Date				05/29/2001 07:00	05/29/2001 07:00
Extraction HT Met?				05/31/2001 12:14	05/31/2001 11:49
Analytical HT Met?				YES	YES
Sample Matrix				WATER	WATER
Dilution Factor				1.0	1.0
Sample wt/vol				1.07	1.07
% Dry				LITERS	LITERS

NA = Not Applicable

000029

STL Buffalo

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TC-1-B-AC A01-4977 A1497743	TC-1-D-AC A01-4977 A1497753	TC-1-D-AC-DUP A01-4977 A1497753FD	TC-10-B-AC A01-4977 A1497747	TC-11-E-AC A01-4977 A1497748
Sample Date	05/24/2001 10:20	05/24/2001 13:35	05/24/2001 13:35	05/24/2001 11:00	05/24/2001 12:45
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	06/03/2001 12:00	06/02/2001 03:00	06/02/2001 03:00	06/03/2001 12:00	06/03/2001 12:00
Analysis Date	06/05/2001 13:54	06/06/2001 00:46	06/06/2001 01:12	06/05/2001 16:23	06/05/2001 16:47
Extraction HI Met?	YES	YES	YES	YES	YES
Analytical HI Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	2.0	1.0	1.0	1.0
Sample wt/vol	2.23	2.22	2.61	2.42	2.9
% Dry	99.00	100.00	100.00	99.88	99.45

000030

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TC-11.5-C-5-AC-1-2" A01-4977 A1497707	TC-11.5-C-5-AC-2-3" A01-4977 A1497708	TC-11.5-C-5-AC-3-4" A01-4977 A1497709	TC-11.5-C-5-AC-4-5" A01-4977 A1497710	TC-11.5-C-5-SS-0-1" A01-4977 A1497711
Sample Date	05/23/2001 13:20	05/23/2001 13:25	05/23/2001 13:30	05/23/2001 13:35	05/23/2001 13:05
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	05/27/2001 10:00	05/27/2001 10:00	05/27/2001 10:00	05/27/2001 10:00	05/27/2001 10:00
Analysis Date	05/30/2001 03:59	05/30/2001 04:24	05/30/2001 06:31	05/30/2001 06:56	05/30/2001 07:21
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	2.83	2.09	2.99	2.9	2.36
% Dry	98.82	99.25	93.81	93.73	86.64

000031

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TC-11-5-C-5-SS-1-2' A01-4977 A1497712	TC-11-5-C-5-SS0-1'DU A01-4977 A1497711FD	TC-2.5-A-5-AC1-2" A01-4977 A1497701	TC-2.5-A-5-AC2-3" A01-4977 A1497702	TC-2.5-A-5-AC3-4 A01-4977 A1497703
Sample Date	05/23/2001 13:10	05/23/2001 13:05	05/23/2001 10:40	05/23/2001 10:50	05/23/2001 10:55
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	05/27/2001 10:00	05/27/2001 10:00	05/27/2001 10:00	05/27/2001 10:00	05/27/2001 10:00
Analysis Date	05/30/2001 08:12	05/30/2001 07:47	05/30/2001 01:27	05/30/2001 01:53	05/30/2001 02:18
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	2.16	2.29	2.07	2.16	2.08
% Dry	86.10	86.64	99.49	99.48	99.02

000032

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TC-2.5-A-5-AC4-5" A01-4977 A1497704	TC-2.5-A-5-SS-0-1" A01-4977 A1497705	TC-3-E-AC A01-4977 A1497752	TC-4-B-AC A01-4977 A1497744	TC-5-E-AC A01-4977 A1497751
Sample Date	05/23/2001 11:00	05/23/2001 10:45	05/24/2001 13:25	05/24/2001 10:30	05/24/2001 13:15
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	05/27/2001 10:00	05/27/2001 10:00	06/03/2001 12:00	06/03/2001 12:00	06/03/2001 12:00
Analysis Date	05/30/2001 02:43	05/30/2001 03:09	06/07/2001 06:50	06/05/2001 14:19	06/07/2001 06:25
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	2.98	2.32	2.35	2.53	2.07
% Dry	99.15	95.96	99.79	99.63	99.55

000033

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TC-6-B-AC A01-4977 A1497745	TC-7-E-AC A01-4977 A1497750	TC-8-B-AC A01-4977 A1497746	TC-9-E-AC A01-4977 A1497749	TC-AC-RB A01-4977 A1497754
Sample Date	05/24/2001 10:40	05/24/2001 13:05	05/24/2001 10:50	05/24/2001 12:55	
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	
Extraction Date	06/03/2001 12:00	06/03/2001 12:00	06/03/2001 12:00	06/03/2001 12:00	
Analysis Date	06/05/2001 14:44	06/07/2001 06:01	06/05/2001 15:09	06/05/2001 17:12	
Extraction HT Met?	YES	YES	YES	YES	NA
Analytical HT Met?	YES	YES	YES	YES	
Sample Matrix	SOIL	SOIL	SOIL	SOIL	
Dilution Factor	2.0	1.0	1.0	1.0	
Sample wt/vol	2.31	2.95	2.39	2.33	
% Dry	99.86	99.73	100.00	100.00	

URS CONSULTANTS METHOD 8082 - PCB'S

Client Sample ID Job No & Lab Sample ID	TC-6-B-AC A01-4977 A1497745	TC-7-E-AC A01-4977 A1497750	TC-8-B-AC A01-4977 A1497746	TC-9-E-AC A01-4977 A1497749	TC-AC-RB A01-4977 A1497754
Sample Date					05/24/2001 13:40
Received Date					05/25/2001 15:30
Extraction Date					05/29/2001 07:00
Analysis Date					05/31/2001 12:40
Extraction HT Met?	NA	NA	NA	NA	YES
Analytical HT Met?					YES
Sample Matrix					WATER
Dilution Factor					1.0
Sample wt/vol					1.07
% Dry					LITERS

000034

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A01-4977 A180456401	Matrix Spike Blank A01-4977 A180457001	Matrix Spike Blank A01-4977 A180457101	Matrix Spike Blank A01-4977 A180474201	Matrix Spike Blank A01-4977 A180474301
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	05/27/2001 10:00 05/30/2001 12:25 SOIL MED 1.0 GRAMS 2.41 100.00	06/03/2001 10:00 06/05/2001 15:54 SOIL MED 1.0 GRAMS 2.62 100.00	06/03/2001 12:00 06/05/2001 12:40 SOIL MED 1.0 GRAMS 2.21 100.00	06/02/2001 03:00 06/06/2001 02:53 SOIL MED 1.0 GRAMS 2.72 100.00

URS CONSULTANTS METHOD 8082 - PCB'S

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A01-4977 A180456401	Matrix Spike Blank A01-4977 A180457001	Matrix Spike Blank A01-4977 A180457101	Matrix Spike Blank A01-4977 A180474201	Matrix Spike Blank A01-4977 A180474301
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	05/29/2001 07:00 05/31/2001 09:42 WATER 1.0 LITERS 1.0	NA	NA	NA	NA

000035

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-4-F-CC-4-5 MS A01-4977 A1497726MS	TB-4-F-CC-4-5 SD A01-4977 A1497726SD	TB-4-I-CC MS A01-4977 A1497760MS	TB-4-I-CC SD A01-4977 A1497760SD	TC-11.5-C-5-AC-2-3MS A01-4977 A1497708MS
Sample Date	05/23/2001 16:00	05/23/2001 16:00	05/24/2001 15:30	05/24/2001 15:30	05/23/2001 13:25
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	06/03/2001 10:00	06/03/2001 10:00	06/02/2001 03:00	06/02/2001 03:00	05/27/2001 10:00
Analysis Date	06/05/2001 17:36	06/05/2001 18:01	06/06/2001 05:50	06/06/2001 06:15	05/30/2001 04:50
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	100.0	100.0	1.0
Sample wt/vol	2.29	2.73	2.12	2.38	2.44
% Dry	96.83	96.83	98.88	98.88	99.25

000036

STL Buffalo

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TC-11.5-C-5-AC-2-3SD A01-4977 A1497708SD	TC-8-B-AC MS A01-4977 A1497746MS	TC-8-B-AC SD A01-4977 A1497746SD
Sample Date	05/23/2001 13:25	05/24/2001 10:50	05/24/2001 10:50
Received Date	05/25/2001 15:30	05/25/2001 15:30	05/25/2001 15:30
Extraction Date	05/27/2001 10:00	06/03/2001 12:00	06/03/2001 12:00
Analysis Date	05/30/2001 06:06	06/05/2001 15:33	06/05/2001 15:58
Extraction HT Met?	YES	YES	YES
Analytical HT Met?	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0
Sample wt/vol	2.4	2.23	2.19
% Dry	99.25	100.00	100.00

000037

STL Buffalo

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A01-4977 A180456402	Method Blank A01-4977 A180457002	Method Blank A01-4977 A180457102	Method Blank A01-4977 A180474202	Method Blank A01-4977 A180474302
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	05/27/2001 10:00 05/30/2001 12:50 SOIL MED 1.0 GRAMS 2.73 GRAMS 100.00	06/03/2001 10:00 06/05/2001 16:20 SOIL MED 1.0 GRAMS 2.84 GRAMS 100.00	06/03/2001 12:00 06/05/2001 13:05 SOIL MED 1.0 GRAMS 2.23 GRAMS 100.00	06/02/2001 03:00 06/06/2001 03:18 SOIL MED 1.0 GRAMS 2.38 GRAMS 100.00

URS CONSULTANTS METHOD 8082 - PCB'S

Client Sample ID Job No & Lab Sample ID	Method Blank A01-4977 A180456402	Method Blank A01-4977 A180457002	Method Blank A01-4977 A180457102	Method Blank A01-4977 A180474202	Method Blank A01-4977 A180474302
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	05/29/2001 07:00 05/31/2001 10:08 WATER 1.0 LITERS 1.0 LITERS	NA	NA	NA	NA

000038

Client Sample ID: .8-4-F-CC-4-5" TB-4-F-CC-4-5 SD
 Lab Sample ID: A1497726 A1497726MS A1497726SD

Analyte	Units of Measure	Sample	Concentration			% Recovery			QC LIMITS RPD REC.			
			Matrix Spike	Spike Duplicate	Spike Amount MS	MS	MSD	Avg		% RPD		
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	0	2.89	2.44	2.25	1.89	128	129	129	0.	30.0	52-153

000039

STL Buffalo

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Calculated

Client Sample ID: TC-11.5-C-5-AC-2-3" TC-11.5-C-5-AC-2-3SD
Lab Sample ID: A1497708 A1497708MS A1497708SD

Analyte	Units of Measure	Sample	Concentration		Spike Amount		% Recovery		QC LIMITS		
			Matrix Spike	Spike Duplicate	MS	MSD	MS	MSD	RPD	REC.	
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	0	2.12	2.18	2.06	2.09	103	104	104	30.0	52-153

* Indicates Result is outside QC Limits
MC = Not Calculated ND = Not Calculated

000040

STL Buffalo

TC-8-B-AC MS
 A1497746MS

TC-8-B-AC SD
 A1497746SD

Analyte	Units of Measure	Sample	Concentration		% Recovery		QC LIMITS RPD REC.					
			Matrix Spike	Spike Duplicate	MS	MSD		Avg	% RPD			
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	0.686	3.27	3.67	2.24	2.28	115	131	123	13	30.0	52-153

* Indicates Result is outside QC Limits
 IC = Not Calculated ND = Not Calculated

Client Sample ID: Method Blank
Lab Sample ID: A180456402

Matrix Spike Blank
A180456401

Analyte	Units of Measure	Concentration		% Recovery	QC LIMITS
		Blank Spike	Spike Amount		
URS CONSULTANTS METHOD 8082 - PCB'S Aroclor 1254	UG/L	4.45	5.00	89	38-134

000042

STL Buffalo

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Calculated

Client Sample ID: Method Blank
Lab Sample ID: A1B0457002

Matrix Spike Blank
A1B0457001

Analyte	Units of Measure	Concentration		% Recovery	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	2.48	2.07	120	52-153

000043

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Calculated

Client Sample ID: Method Blank
Lab Sample ID: A180457102

Matrix Spike Blank
A180457101

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	2.46	1.90	129	52-153

000044

STL Buffalo

* Indicates Result is outside QC Limits
MC = Not Calculated ND = Not Calculated

Client Sample ID: Method Blank
Lab Sample ID: A180474202

Matrix Spike Blank
A180474201

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	3.09	2.26	137	52-153

000045

STL Buffalo

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Calculated

Client Sample ID: Method Blank
Lab Sample ID: A180474302

Matrix Spike Blank
A180474301

Analyte	Units of Measure	Concentration		% Recovery	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	0	1.83	0 *	52-153

000046

STL Buffalo

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Calculated

000047

Chain of Custody

CHAIN OF CUSTODY RECORD

PROJECT NO. 05-0035740-02 SITE NAME G.E. Tonawanda
 SAMPLERS (PRINT/SIGNATURE) Kevin Kearney / Kevin Kearney

DELIVERY SERVICE: Hand AIRBILL NO.: X

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. # OF CONTAINERS
TC-2.5	5/23/01	1040	Grab	TC-2.5-A-5-AC1-2"	Asphalt	1
TC-2.5	5/23/01	1050	Grab	TC-2.5-A-5-AC2-3"		1
TC-2.5	5/23/01	1055	Grab	TC-2.5-A-5-AC3-4"		1
TC-2.5	5/23/01	1100	Grab	TC-2.5-A-5-AC4-5"		1
TC-2.5	5/23/01	1045	Grab	TC-2.5-A-5-SS-0-1'	So	1
TC-2.5	5/23/01	1110	Grab	TC-2.5-A-5-SS-1-2'		1
TC-11.5	5/23/01	1320	Grab	TC-11.5-C-5-AC1-2"	Asphalt	1
TC-11.5	5/23/01	1325	Grab	TC-11.5-C-5-AC2-3"		1
TC-11.5	5/23/01	1330	Grab	TC-11.5-C-5-AC3-4"		1
TC-11.5	5/23/01	1335	Grab	TC-11.5-C-5-AC4-5"		1
TC-11.5	5/23/01	1305	Grab	TC-11.5-C-5-SS0-1'	So	1
TC-11.5	5/23/01	1305	Grab	TC-11.5-C-5-SS0-1'Dup		1
TC-11.5	5/23/01	1310	Grab	TC-11.5-C-5-SS1-2'		1

MATRIX CODES: AA - AMBIENT AIR, SE - SEDIMENT, SH - HAZARDOUS SOLID WASTE, SL - SLUDGE, WP - DRINKING WATER, WW - WASTE WATER, WG - GROUND WATER, WS - SOIL, DC - DRILL CUTTINGS, WL - LEACHATE, GS - SOIL GAS, WC - DRILLING WATER, WO - OCEAN WATER, WS - SURFACE WATER, WF - WATER FIELD OC

SAMPLE TYPE CODES: TB# - TRIP BLANK, SD# - MATRIX SPIKE DUPLICATE, RB# - RINSE BLANK, FR# - FIELD REPLICATE, N# - NORMAL ENVIRONMENTAL SAMPLE, MS# - MATRIX SPIKE

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
<u>Kevin Kearney</u>	5/23/01	1530	<u>[Signature]</u>	5/23/01	1530

RELINQUISHED BY (SIGNATURE) RECEIVED FOR LAB BY (SIGNATURE)

Distribution: Original accompanies shipment, copy to coordinator field files

URS

LAB STL
 COOLER 42 of 2
 PAGE 1 of 6

REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (RPPMS ONLY)
	N1	1"	2"	-
	N1	2"	3"	-
	N1	3"	4"	-
	N1	4"	5"	-
	N1	0'	1'	-
<u>Extract and Hold</u>	N1	1'	2'	-
	N1	1"	2"	-
	N1	2"	3"	-
	N1	3"	4"	-
	N1	4"	5"	-
	N1	0'	1'	-
	FR1	0'	1'	-
<u>Extract and Hold</u>	N1	1'	2'	-

TESTS: PCB'S

BOTTLE TYPE AND PRESERVATIVE: 4oz glass

SPECIAL INSTRUCTIONS: Extract and Hold
1-2' soil sample.
2 of 402

000048

CHAIN OF CUSTODY RECORD

PROJECT NO. 05-00035740-02
 SITE NAME G.E. Tonawanda

SAMPLERS (PRINT/SIGNATURE)
 Kevin Kearney / Kevin Kearney

DELIVERY SERVICE: Hand AIRBILL NO.: X



LAB 572
 COOLER 42 of 2
 PAGE 2 of 6

TESTS	
PCB's	

BOTTLE TYPE AND PRESERVATIVE

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	REMARKS	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (RPPMS ONLY)
DD-1-E	5/23/01	1425	Grab	DD-1-E-CC-1-2"	Composite	1		1" 2"	2"	-
DD-1-E	5/23/01	1430	Grab	DD-1-E-CC-2-3"		1		2" 3"	3"	-
DD-1-E	5/23/01	1435	Grab	DD-1-E-CC-3-4"		1		3" 4"	4"	-
DD-1-E	5/23/01	1440	Grab	DD-1-E-CC-4-5"		1		4" 5"	5"	-
DD-2-B	5/23/01	1500	Grab	DD-2-B-CC-1-2"		1		1" 2"	2"	-
DD-2-B	5/23/01	1505	Grab	DD-2-B-CC-2-3"		1		2" 3"	3"	-
DD-2-B	5/23/01	1510	Grab	DD-2-B-CC-3-4"		1		3" 4"	4"	-
DD-2-B	5/23/01	1515	Grab	DD-2-B-CC-4-5"	↓	1		4" 5"	5"	-
DD-1-E	5/23/01	1450	Grab	DD-1-E-SS-7-8"	Gravel	1		7" 8"	8"	-
DD-2-B	5/23/01	1455	Grab	DD-2-B-SS-7-8"	↓	1		7" 8"	8"	-

MATRIX CODES	SL - SLUDGE	WG - GROUND WATER	WL - LEACHATE	WO - OCEAN WATER	LH - HAZARDOUS LIQUID WASTE
	WP - DRINKING WATER <th>SO - SOIL</th> <th>GS - SOIL GAS</th> <th>WS - SURFACE WATER</th> <th>LF - FLOATING/FREE PRODUCT ON GW TABLE</th>	SO - SOIL	GS - SOIL GAS	WS - SURFACE WATER	LF - FLOATING/FREE PRODUCT ON GW TABLE
	SH - HAZARDOUS SOLID WASTE	DC - DRILL CUTTINGS	WC - DRILLING WATER	WO - WATER FIELD OC	

SAMPLE TYPE CODES	AA - AMBIENT AIR	FR# - FIELD REPLICATE	N# - NORMAL ENVIRONMENTAL SAMPLE	MS# - MATRIX SPIKE
	SE - SEDIMENT	RB# - RINSE BLANK	FR# - FIELD REPLICATE	MS# - MATRIX SPIKE
	SH - HAZARDOUS SOLID WASTE	SD# - MATRIX SPIKE DUPLICATE	FR# - FIELD REPLICATE	MS# - MATRIX SPIKE

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME	SPECIAL INSTRUCTIONS
Kevin Kearney	5/23/01	1530	Th RLL	5/23/01	1530	2542

000049

CHAIN OF CUSTODY RECORD

PROJECT NO. 05-00035740-02 SITE NAME G.E. Tonawanda
 SAMPLERS (PRINT/SIGNATURE) Kevin Kearney / Kevin Kearney

DELIVERY SERVICE: Hand AIRBILL NO.: X

TESTS

PCB's
PCB's

BOTTLE TYPE AND PRESERVATIVE

TOTAL NO. OF CONTAINERS

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. (RIPMS ONLY)
TB-4-F	5/23/01	1545	Grab	TB-4-F-CC-1-2"	Concrete	1		N1	1"	2"	-
TB-4-F	5/23/01	1550	Grab	TB-4-F-CC-2-3"		1		N1	2"	3"	-
TB-4-F	5/23/01	1555	Grab	TB-4-F-CC-3-4"		1		N1	3"	4"	-
TB-4-F	5/23/01	1600	Grab	TB-4-F-CC-4-5"		1		N1	4"	5"	-
TB-3-A	5/23/01	1620	Grab	TB-3-A-CC-1-2"		1		N1	1"	2"	-
TB-3-A	5/23/01	1625	Grab	TB-3-A-CC-2-3"		1		N1	2"	3"	-
TB-3-A	5/23/01	1630	Grab	TB-3-A-CC-3-4"		1		N1	3"	4"	-
TB-3-A	5/23/01	1635	Grab	TB-3-A-CC-4-5"	↓	1		N1	4"	5"	-
TB-4-F	5/23/01	1535	Grab	TB-4-F-SS-7-8"	Gravel	1		N1	7"	8"	-
TB-3-A	5/23/01	1630	Grab	TB-3-A-SS-7-8"	↓	1		N1	7"	8"	-
Rinse Blank	5/23/01	1635	Grab	TB-SS-RB	WD	1					

WL - LEACHATE
 WS - SOIL GAS
 WC - DRILLING WATER
 WO - OCEAN WATER
 WS - SURFACE WATER
 WO - WATER FIELD OC

SL - SLUDGE
 WP - DRINKING WATER
 WW - WASTE WATER
 SH - HAZARDOUS SOLID WASTE

AA - AMBIENT AIR
 SE - SEDIMENT
 TH - HAZARDOUS LIQUID WASTE
 LF - FLOATING/FREE PRODUCT ON GW TABLE

RB# - RINSE BLANK
 FR# - FIELD REPLICATE
 N# - NORMAL ENVIRONMENTAL SAMPLE
 MS# - MATRIX SPIKE

- SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY

SPECIAL INSTRUCTIONS

RELINQUISHED BY (SIGNATURE) Kevin Kearney DATE 5/23/01 TIME 1530
 RECEIVED BY (SIGNATURE) TH R DATE 5/23/01 TIME 05:51
 RECEIVED FOR LAB BY (SIGNATURE) TH R DATE 5/23/01 TIME 05:51

Distribution: Original accompanies shipment, copy to coordinator field files

00005

2.5.42

CHAIN OF CUSTODY RECORD

PROJECT NO. 05-00035740-02
 SITE NAME G.B. Tonawanda
 SAMPLERS (PRINT/SIGNATURE) Kevin Kearney / Kevin Kearney

DELIVERY SERVICE: Hand AIRBILL NO.: X

URS

LAB STC
 COOLER 1, 2 of 2
 PAGE 4 of 6

TESTS

PCB's
 PCB's

BOTTLE TYPE AND PRESERVATIVE

1/2 amber
 4oz glass

TOTAL NO. OF CONTAINERS

DEPTH (IN FEET) BEGINNING
 DEPTH (IN FEET) ENDING
 FIELD LOT NO. (RPPMS ONLY)

REMARKS
 NI
 NI
 NI
 NI
 NI
 NI
 NI
 Rinse Blank RB

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX
TB-S-G	5/25/01	1000	Grab	TB-S-G-CC	Concrete chip
TB-S-F	5/25/01	1015	Grab	TB-S-F-CC	
TB-S-E	5/25/01	1030	Grab	TB-S-E-CC	
TB-S-D	5/25/01	1045	Grab	TB-S-D-CC	
TB-S-C	5/25/01	1100	Grab	TB-S-C-CC	
TB-S-B	5/25/01	1115	Grab	TB-S-B-CC	
TB-S-A	5/25/01	1130	Grab	TB-S-A-CC	
TB-2-A	5/25/01	1145	Grab	TB-2-A-CC	
Rinse Blank	5/25/01	1155	Grab	TB-CC-RB	NQ

MATRIX CODES	AA - AMBIENT AIR	SE - SEDIMENT	SH - HAZARDOUS SOLID WASTE	SL - SLUDGE	WP - DRINKING WATER	WW - WASTE WATER	WG - GROUND WATER	WL - LEACHATE	WO - OCEAN WATER	WS - SURFACE WATER	WF - WATER FIELD QC	LH - HAZARDOUS LIQUID WASTE	LF - FLOATING/FREE PRODUCT ON GW TABLE
SAMPLE TYPE CODES	TB# - TRIP BLANK	SD# - MATRIX SPIKE DUPLICATE	FR# - FIELD REPLICATE	RB# - RINSE BLANK	N# - NORMAL ENVIRONMENTAL SAMPLE	MS# - MATRIX SPIKE	WG - GROUND WATER	SO - SOIL	DC - DRILL CUTTINGS	GS - SOIL GAS	WC - DRILLING WATER	WS - SURFACE WATER	WF - WATER FIELD QC

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME	SPECIAL INSTRUCTIONS
Kevin Kearney	5/25/01	1530	[Signature]	5/28/01	1538	2.5441c
Distribution: Original accompanies shipment, copy to coordinator field files						

000051

CHAIN OF CUSTODY RECORD

PROJECT NO. D5-00035740-02 SITE NAME GE. Tonawanda

SAMPLERS (PRINT/SIGNATURE) Kevin Kearney/ Kevin Kearney

DELIVERY SERVICE: Hand AIRBILL NO.: X

LOCATION IDENTIFIER	DATE	TIME	COMP/ GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS
TC-1-B	5/24/01	1020	Grab	TC-1-B-AC	Asphalt	1
TC-4-B	5/24/01	1030	Grab	TC-4-B-AC		1
TC-6-B	5/24/01	1040	Grab	TC-6-B-AC		1
TC-8-B	5/24/01	1050	Grab	TC-8-B-AC		1
TC-10-B	5/24/01	1100	Grab	TC-10-B-AC		1
TC-11-E	5/24/01	1245	Grab	TC-11-E-AC		1
TC-9-E	5/24/01	1255	Grab	TC-9-E-AC		1
TC-7-E	5/24/01	1305	Grab	TC-7-E-AC		1
TC-5-E	5/24/01	1315	Grab	TC-5-E-AC		1
TC-3-E	5/24/01	1325	Grab	TC-3-E-AC		1
TC-1-D	5/24/01	1335	Grab	TC-1-D-AC		1
TC-1-D	5/24/01	1335	Grab	TC-1-D-AC-Dup		1
Rinse Blank	5/24/01	1340	Grab	TC-AC-RB	WR	1

MATRIX CODES: AA - AMBIENT AIR, SE - SEDIMENT, SH - HAZARDOUS SOLID WASTE, SL - SLUDGE, WP - DRINKING WATER, WW - WASTE WATER, WG - GROUND WATER, WS - SOIL, DC - DRILL CUTTINGS, WL - LEACHATE, GS - SOIL GAS, WC - DRILLING WATER, WO - OCEAN WATER, WS - SURFACE WATER, WF - WATER FIELD OC

SAMPLE TYPE CODES: TB# - TRIP BLANK, SD# - MATRIX SPIKE DUPLICATE, RB# - RINSE BLANK, FR# - FIELD REPLICATE, N# - NORMAL ENVIRONMENTAL SAMPLE, MS# - MATRIX SPIKE

RELINQUISHED BY (SIGNATURE) _____ DATE _____ TIME _____ RECEIVED BY (SIGNATURE) _____ DATE _____ TIME _____

RELINQUISHED BY (SIGNATURE) Kevin Kearney DATE 5/25/01 TIME 1530 RECEIVED FOR LAB BY (SIGNATURE) Theresa DATE 5/25/01 TIME 1531

Distribution: Original accompanies shipment, copy to coordinator field files



LAB STL
COOLER 12 of 2
PAGE 5 of 6

REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. (RIMS ONLY)
	NI			
	NI			
	NI			
	NI			
	NI			
	NI			
	NI			
	NI			
	NI			
	NI			
	FR			
	RB			

LH - HAZARDOUS LIQUID WASTE
LF - FLOATING/FREE PRODUCT ON GW TABLE

TESTS: PCB's, PCB's, 18 amber, 4oz glass

BOTTLE TYPE AND PRESERVATIVE

SPECIAL INSTRUCTIONS

000052

2842

CHAIN OF CUSTODY RECORD

PROJECT NO. 05-00035740-02 SITE NAME G-E Toronto

SAMPLERS (PRINT/SIGNATURE) Kevin Kearney / Kevin Kearney

DELIVERY SERVICE: Hand AIRBILL NO.: X

URS

LAB STL
COOLER 42 of 2
PAGE 6 of 6

TESTS

BOTTLE TYPE AND PRESERVATIVE

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	REMARKS	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (RPMs ONLY)
DD-1-A	5/24/01	1345	Grab	DD-1-A-CC	Concrete chips	1				
DD-1-B	5/24/01	1355	Grab	DD-1-B-CC		1				
DD-2-D	5/24/01	1405	Grab	DD-2-D-CC		1				
DD-2-E	5/24/01	1415	Grab	DD-2-E-CC		1				
TB-5-I	5/24/01	1515	Grab	TB-5-I-CC		1				
TB-4-I	5/24/01	1530	Grab	TB-4-I-CC		1				
TB-3-I	5/24/01	1545	Grab	TB-3-I-CC		1				
TB-5-H	5/24/01	1600	Grab	TB-5-H-CC		1				
TB-4-H	5/24/01	1610	Grab	TB-4-H-CC		1				
TB-3-H	5/24/01	1620	Grab	TB-3-H-CC		1				
TB-3-H	5/24/01	1620	Grab	TB-3-H-CC-Dup		1				

MATRIX CODES	AA - AMBIENT AIR SE - SEDIMENT SH - HAZARDOUS SOLID WASTE	SL - SLUDGE WP - DRINKING WATER WW - WASTE WATER	WG - GROUND WATER SO - SOIL DC - DRILL CUTTINGS	WL - LEACHATE GS - SOIL GAS WC - DRILLING WATER	WO - OCEAN WATER WS - SURFACE WATER WQ - WATER FIELD QC	LH - HAZARDOUS LIQUID WASTE LF - FLOATING/FREE PRODUCT ON GW TABLE
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SAMPLE TYPE CODES	TB# - TRIP BLANK SD# - MATRIX SPIKE DUPLICATE	RB# - RINSE BLANK FR# - FIELD REPLICATE	N# - NORMAL ENVIRONMENTAL SAMPLE MS# - MATRIX SPIKE	(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)
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RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME	SPECIAL INSTRUCTIONS
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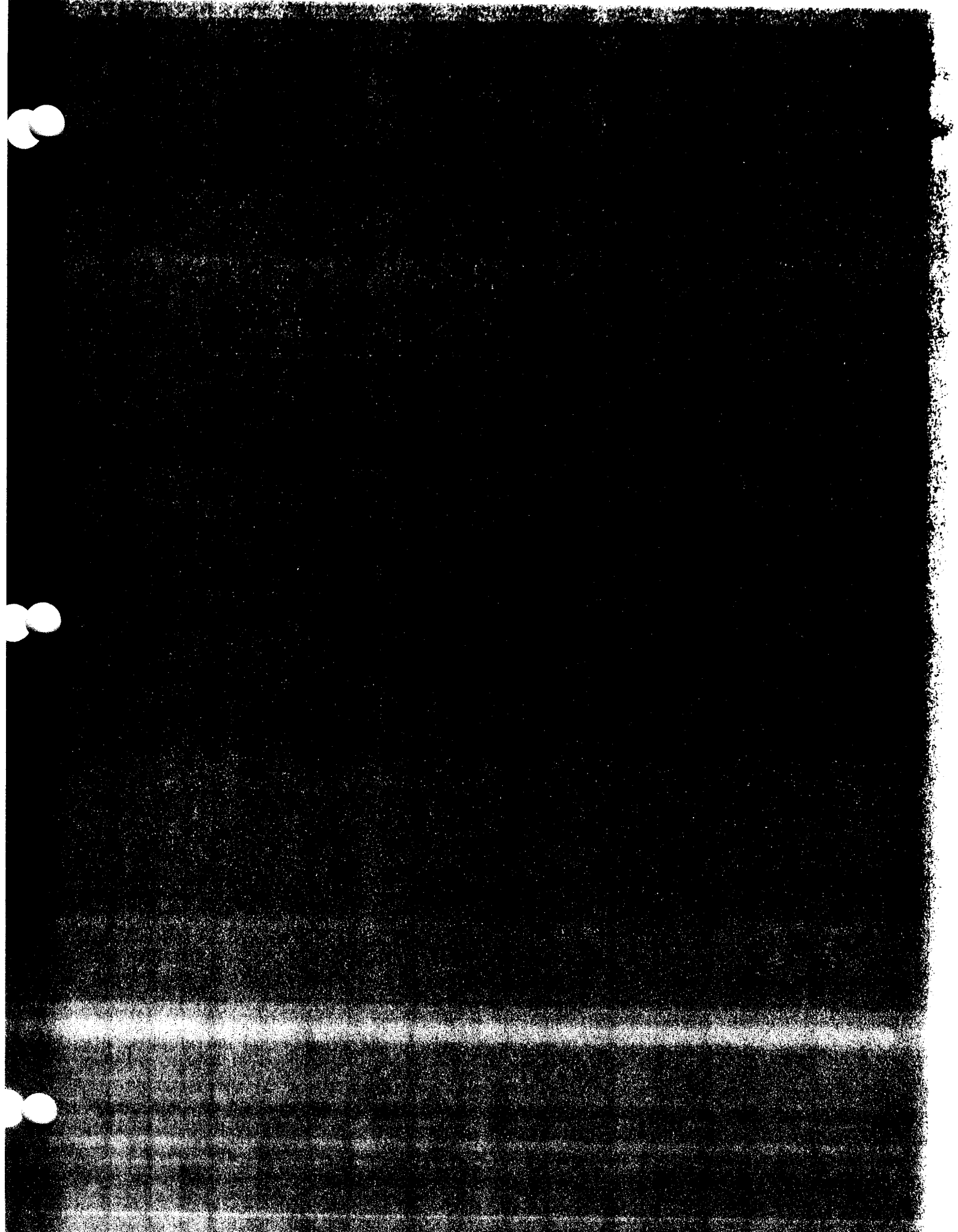
RELINQUISHED BY (SIGNATURE) Kevin Kearney DATE 5/25/01 TIME 1530
RECEIVED FOR LAB BY (SIGNATURE) Th R M DATE 5/25/01 TIME 1530

Distribution: Original accompanies shipment, copy to coordinator field files

000053

2/24/01







October 30, 2001

Ms. Karen Peppin
URS Dames and Moore
646 Plank Rd.
Clifton Park, NY 12065

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

Tel: 716 691 2600
Fax: 716 691 7991
www.stl-inc.com

RE: Analytical Results #A01-A015, A01-A016

Dear Ms. Peppin:

Please find enclosed analytical results concerning the samples submitted by your firm. The pertinent information regarding these analyses is listed below:

Quote #: NY00-249
Project: GE Tonawanda PCB Storage Area
Matrix: Sother, Water
Samples Received: 10/12/01
Sample Date: 10/12/01

If you have any questions concerning these data, please contact the Program Manager at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide URS Corporation with environmental testing services. We look forward to serving you in the future.

Sincerely,

STL Buffalo

Amy L. Haag
Program Manager

ALH/tch
Enclosure

I.D. #A01-A015, A01-A016
#NY0A8653



STL Buffalo

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is indicated on the specific data tables. The method number presented refers to the following U.S. Environmental Protection Agency reference:

- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846), Third Edition, Update III, December 1996, United States Environmental Protection Agency Office of Solid Waste.

COMMENTS

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Sample dilutions were performed for Method 8082 as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Deviations from protocol were encountered for the following:

METHOD 8082

Sample TB-7-A-CC-DUP exhibited surrogate recovery results below quality control limits for Decachlorobiphenyl. However, the sample was compliant for Tetrachloro-m-xylene.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

000002

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
TB-1-K-CC	A1A01501	8082	10.00	008
TB-1-K-CC	A1A01501MS	8082	10.00	008
TB-1-K-CC	A1A01501SD	8082	10.00	008
TB-5-K-CC	A1A01502	8082	10.00	008
TB-7-K-CC	A1A01503	8082	10.00	008
TB-7-I-CC	A1A01504	8082	20.00	008
TB-7-G-CC	A1A01505	8082	5.00	008
TB-7-E-CC	A1A01506	8082	5.00	008
TB-7-C-CC	A1A01507	8082	2.00	008
TB-7-A-CC	A1A01508	8082	20.00	008
TB-7-A-CC DUP	A1A01508FD	8082	5.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - non-target compounds (TICS) exceeded 5X the total response of one of the Internal Standards
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE**ORGANIC DATA QUALIFIERS**

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- † Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Date: 10/30/2001
Time: 15:40:00

URS CORPORATION
GE Tonawanda Storage Area
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID	Lab ID	TB-1-K-CC A01-A015 10/12/2001	A1A01501	TB-5-K-CC A01-A015 10/12/2001	A1A01502	TB-7-A-CC A01-A015 10/12/2001	A1A01508	TB-7-A-CC DUP A01-A015 10/12/2001	A1A01508FD
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	2.4	ND	2.0	ND	4.1	ND	1.1
Aroclor 1221	MG/KG	ND	2.4	ND	2.0	ND	4.1	ND	1.1
Aroclor 1232	MG/KG	ND	2.4	ND	2.0	ND	4.1	ND	1.1
Aroclor 1242	MG/KG	ND	2.4	ND	2.0	ND	4.1	ND	1.1
Aroclor 1248	MG/KG	ND	2.4	ND	2.0	ND	4.1	ND	1.1
Aroclor 1254	MG/KG	58	2.4	30	2.0	40	4.1	18	1.1
Aroclor 1260	MG/KG	58	2.4	38	2.0	54	4.1	22	1.1
SURROGATE(S)									
Tetrachloro-m-xylene	%	0 D	32-148	0 D	32-148	0 D	32-148	145	32-148
Decachlorobiphenyl	%	0 D	36-153	0 D	36-153	0 D	36-153	30 *	36-153

Client ID	Lab ID	TB-7-C-CC A01-A015 10/12/2001	A1A01507	TB-7-E-CC A01-A015 10/12/2001	A1A01506	TB-7-G-CC A01-A015 10/12/2001	A1A01505	TB-7-I-CC A01-A015 10/12/2001	A1A01504
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.98	ND	1.2	ND	4.8
Aroclor 1221	MG/KG	ND	0.50	ND	0.98	ND	1.2	ND	4.8
Aroclor 1232	MG/KG	ND	0.50	ND	0.98	ND	1.2	ND	4.8
Aroclor 1242	MG/KG	ND	0.50	ND	0.98	ND	1.2	ND	4.8
Aroclor 1248	MG/KG	ND	0.50	ND	0.98	ND	1.2	ND	4.8
Aroclor 1254	MG/KG	6.9	0.50	18	0.98	16	1.2	25	4.8
Aroclor 1260	MG/KG	8.4	0.50	23	0.98	22	1.2	37	4.8
SURROGATE(S)									
Tetrachloro-m-xylene	%	111	32-148	145	32-148	142	32-148	0 D	32-148
Decachlorobiphenyl	%	92	36-153	75	36-153	58	36-153	0 D	36-153

000005

Date: 10/30/2001
Time: 15:40:01

URS CORPORATION
GE Tonawanda PCB Storage Area
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AM0326

Client ID Job No Sample Date	Lab ID	Units	TB-7-K-CC A01-A015 10/12/2001		A1A01503					
			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016		MG/KG	ND	2.4	NA	NA	NA	NA	NA	NA
Aroclor 1221		MG/KG	ND	2.4	NA	NA	NA	NA	NA	NA
Aroclor 1232		MG/KG	ND	2.4	NA	NA	NA	NA	NA	NA
Aroclor 1242		MG/KG	ND	2.4	NA	NA	NA	NA	NA	NA
Aroclor 1248		MG/KG	ND	2.4	NA	NA	NA	NA	NA	NA
Aroclor 1254		MG/KG	41	2.4	NA	NA	NA	NA	NA	NA
Aroclor 1260		MG/KG	52	2.4	NA	NA	NA	NA	NA	NA
SURROGATE(S)										
Tetrachloro-m-xylene		%	0 D	32-148	NA	NA	NA	NA	NA	NA
Decachlorobiphenyl		%	0 D	36-153	NA	NA	NA	NA	NA	NA

000006

Date: 10/30/2001
 Time: 15:40:00

URS CORPORATION
 GE Tonawanda Storage Area
 URS CONSULTANTS .000 8082 - PCB'S

Rept: AM0326

Client ID	Lab ID	RB1	A1A01606	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Job No	Sample Date	A01-A016	10/12/2001	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1221	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1232	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1242	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1248	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1254	UG/L	ND	0.48	NA		NA		NA	
Aroclor 1260	UG/L	ND	0.48	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	70	36-132	NA		NA		NA	
Decachlorobiphenyl	%	81	28-132	NA		NA		NA	

000007

Chronology and QC Summary Package

Date: 10/30/2001
 Time: 15:40:

URS CORPORATION
 GE Tonawanda Storage Area
 METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID	Lab ID	Method Blank	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No		A01-A015	A180914202						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	NA		NA		NA	
Aroclor 1221	MG/KG	ND	0.50	NA		NA		NA	
Aroclor 1232	MG/KG	ND	0.50	NA		NA		NA	
Aroclor 1242	MG/KG	ND	0.50	NA		NA		NA	
Aroclor 1248	MG/KG	ND	0.50	NA		NA		NA	
Aroclor 1254	MG/KG	ND	0.50	NA		NA		NA	
Aroclor 1260	MG/KG	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	106	32-148	NA		NA		NA	
Decachlorobiphenyl	%	96	36-153	NA		NA		NA	

000009

Date: 10/30/2001
Time: 15:40:39

URS CORPORATION
GE Tonawanda PCB Storage Area
URS CONSULTANTS METHOD 8082 - PCB'S

Rept: AN0326

Client ID	Lab ID	Method Blank	A180924603					
Job No		A01-A016	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Sample Date	Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
	Aroclor 1016	UG/L	ND	0.50	NA		NA	
	Aroclor 1221	UG/L	ND	0.50	NA		NA	
	Aroclor 1232	UG/L	ND	0.50	NA		NA	
	Aroclor 1242	UG/L	ND	0.50	NA		NA	
	Aroclor 1248	UG/L	ND	0.50	NA		NA	
	Aroclor 1254	UG/L	ND	0.50	NA		NA	
	Aroclor 1260	UG/L	ND	0.50	NA		NA	
	SURROGATE(S)							
	Tetrachloro-m-xylene	%	74	36-132	NA		NA	
	Decachlorobiphenyl	%	72	28-132	NA		NA	

000010

Date: 10/30/2001
 Time: 15:40:37

URS CORPORATION
 GE Tonawanda Storage Area
 METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID	Lab ID	Matrix Spike Blank	TB-1-K-CC	A1A01501MS	TB-1-K-CC	A1A01501SD	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	2.1	ND	2.1	ND	2.1	NA	
Aroclor 1221	MG/KG	ND	0.50	ND	2.1	ND	2.1	ND	2.1	NA	
Aroclor 1232	MG/KG	ND	0.50	ND	2.1	ND	2.1	ND	2.1	NA	
Aroclor 1242	MG/KG	ND	0.50	ND	2.1	ND	2.1	ND	2.1	NA	
Aroclor 1248	MG/KG	ND	0.50	ND	2.1	ND	2.1	ND	2.1	NA	
Aroclor 1254	MG/KG	2.5	0.50	65	2.1	ND	2.1	54	2.1	NA	
Aroclor 1260	MG/KG	ND	0.50	59	2.1	55	2.1	55	2.1	NA	
SURROGATE(S)											
Tetrachloro-m-xylene	%	102	32-148	0 0	32-148	0 0	32-148	0 0	32-148	NA	
Decachlorobiphenyl	%	96	36-153	0 0	36-153	0 0	36-153	0 0	36-153	NA	

000011

Date: 10/30/2001
Time: 15:40:39

URS CORPORATION
GE Tonawanda PCB Storage Area
URS CONSULTANTS METHOD 8082 - PCB'S

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A01-A016 A180924601	Matrix Spike Blk Dup A01-A016 A180924602	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	ND	0.50	NA		NA	
Aroclor 1221	UG/L	ND	0.50	ND	0.50	NA		NA	
Aroclor 1232	UG/L	ND	0.50	ND	0.50	NA		NA	
Aroclor 1242	UG/L	ND	0.50	ND	0.50	NA		NA	
Aroclor 1248	UG/L	ND	0.50	ND	0.50	NA		NA	
Aroclor 1254	UG/L	4.7	0.50	4.5	0.50	NA		NA	
Aroclor 1260	UG/L	ND	0.50	ND	0.50	NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	76	36-132	62	36-132	NA		NA	
Decachlorobiphenyl	%	70	28-132	69	28-132	NA		NA	

000012

Date : 10/30/2001 15:41:18

U R S DAMES & MOORE

Rept: AN0364

SDG: A015

Client Sample ID: Method Blank
Lab Sample ID: A1B0914202

Matrix Spike Blank
A1B0914201

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	2.47	2.21	112	52-153

000013

STL Buffalo

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Calculated

SDG: A015

Client Sample ID: Method Blank
Lab Sample ID: A1B0924603

Matrix Spike Blank A1B0924601
Matrix Spike Blk Dup A1B0924602

Analyte	Units of Measure	Concentration		% Recovery			QC LIMITS RPD REC.		
		Spike Blank	Spike Blank Dup	SB	SBD	Avg			
URS CONSULTANTS METHOD 8082 - PCB'S Aroclor 1254	UG/L	4.69	4.54	5.00	94	91	93	30.0	38-134

000014

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Calculated

Date: 10/30/2001
Time: 15:41:54

U R S DAMES & MOORE
SAMPLE ANALOGY

Rept: AM0374
Page: 1

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	RB1 A01-A016 A1A01606	TB-1-K-CC A01-A015 A1A01501	TB-5-K-CC A01-A015 A1A01502	TB-7-A-CC A01-A015 A1A01508	TB-7-A-CC DUP A01-A015 A1A01508FD
Sample Date		10/12/2001 11:15	10/12/2001 11:00	10/12/2001 09:45	10/12/2001 09:45
Received Date		10/12/2001 13:09	10/12/2001 13:09	10/12/2001 13:09	10/12/2001 13:09
Extraction Date		10/15/2001 16:00	10/15/2001 16:00	10/15/2001 16:00	10/15/2001 16:00
Analysis Date		10/18/2001 11:47	10/18/2001 13:10	10/18/2001 16:52	10/18/2001 17:20
Extraction HT Met?	NA	YES	YES	YES	YES
Analytical HT Met?		YES	YES	YES	YES
Sample Matrix		SOTHER	SOTHER	SOTHER	SOTHER
Dilution Factor		10.0	10.0	20.0	5.0
Sample wt/vol		2.1	2.51	2.45	2.18
% Dry		100.00	99.44	100.00	100.00

URS CONSULTANTS METHOD 8082 - PCB'S

Client Sample ID Job No & Lab Sample ID	RB1 A01-A016 A1A01606	TB-1-K-CC A01-A015 A1A01501	TB-5-K-CC A01-A015 A1A01502	TB-7-A-CC A01-A015 A1A01508	TB-7-A-CC DUP A01-A015 A1A01508FD
Sample Date	10/12/2001 12:40				
Received Date	10/12/2001 13:09				
Extraction Date	10/17/2001 16:00				
Analysis Date	10/19/2001 03:57				
Extraction HT Met?	YES	NA	NA	NA	NA
Analytical HT Met?	YES				
Sample Matrix	WATER				
Dilution Factor	1.0				
Sample wt/vol	1.05				
% Dry	LITERS				

000015

NA = Not Applicable

STL Buffalo

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-7-C-CC A01-A015 A1A01507	TB-7-E-CC A01-A015 A1A01506	TB-7-G-CC A01-A015 A1A01505	TB-7-I-CC A01-A015 A1A01504	TB-7-K-CC A01-A015 A1A01503
Sample Date	10/12/2001 09:30	10/12/2001 10:00	10/12/2001 10:15	10/12/2001 10:30	10/12/2001 10:45
Received Date	10/12/2001 13:09	10/12/2001 13:09	10/12/2001 13:09	10/12/2001 13:09	10/12/2001 13:09
Extraction Date	10/15/2001 16:00	10/15/2001 16:00	10/15/2001 16:00	10/15/2001 16:00	10/15/2001 16:00
Analysis Date	10/18/2001 16:24	10/19/2001 12:15	10/18/2001 14:33	10/19/2001 20:40	10/18/2001 13:38
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOTHER	SOTHER	SOTHER	SOTHER	SOTHER
Dilution Factor	2.0	5.0	5.0	20.0	10.0
Sample wt/vol	2.54	2.55	2.04	2.06	2.1
% Dry	96.77	100.00	100.00	100.00	99.59
	GRAMS	GRAMS	GRAMS	GRAMS	GRAMS

000016

Date: 10/30/2001
 Time: 15:41:55

U R S DAMES & MOORE
 QC SAMPLE MONOLOGY

Rept: AN0374
 Page: 4

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A01-A015 A180914202	Method Blank A01-A016 A180924603
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % DRY	10/15/2001 16:00 10/18/2001 11:20 - - SOIL MED 1.0 2.46 GRAMS 100.00	NA

URS CONSULTANTS METHOD 8082 - PCB'S

Client Sample ID Job No & Lab Sample ID	Method Blank A01-A015 A180914202	Method Blank A01-A016 A180924603
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % DRY	NA	10/17/2001 16:00 10/18/2001 22:52 - - WATER 1.0 1.0 LITERS

000017

NA = Not Applicable

STL Buffalo

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A01-A015 A1B0914201	Matrix Spike Blk Dup A01-A016 A1B0924602	TB-1-K-CC A01-A015 A1A01501MS	TB-1-K-CC A01-A015 A1A01501SD
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/15/2001 16:00 10/18/2001 10:52 SOIL MED 1.0 GRAMS 2.26 GRAMS 100.00	NA	10/12/2001 11:15 10/12/2001 13:09 10/15/2001 16:00 10/18/2001 12:15 YES YES YES SOTHER 10.0 10.0 2.41 2.38 100.00 GRAMS	10/12/2001 11:15 10/12/2001 13:09 10/15/2001 16:00 10/18/2001 12:43 YES YES YES SOTHER 10.0 10.0 2.38 GRAMS 100.00

URS CONSULTANTS METHOD 8082 - PCB'S

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A01-A015 A1B0914201	Matrix Spike Blk Dup A01-A016 A1B0924602	TB-1-K-CC A01-A015 A1A01501MS	TB-1-K-CC A01-A015 A1A01501SD
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	NA	10/17/2001 16:00 10/18/2001 21:57 WATER 1.0 LITERS 1.0 LITERS	NA	NA

000018

Chain of Custody

020020

CHAIN OF CUSTODY RECORD

PROJECT NO. 35740.02
SITE NAME GE TONAWANDA - PCB CLOSURE

SAMPLERS (PRINT/SIGNATURE)
David Coffield Jr. David Coffield Jr.

DELIVERY SERVICE: URS CORP AIRBILL NO.: N/A

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS
TB-1-K-CC	10/18/01	1115	G	TB-1-K-CC	CT	1
TB-3-K-CC				TB-3-K-CC		1
TB-5-K-CC		1100		TB-5-K-CC		1
TB-7-K-CC		1045		TB-7-K-CC		1
TB-7-I-CC		1030		TB-7-I-CC		1
TB-7-G-CC		1015		TB-7-G-CC		1
TB-7-E-CC		1000		TB-7-E-CC		1
TB-7-C-CC		0930		TB-7-C-CC		1
TB-7-A-CC		0945		TB-7-A-CC		1
TB-7-A-CC		0945		TB-7-A-CC		1

MATRIX CODES: AA - AMBIENT AIR, SE - SEDIMENT, SH - HAZARDOUS SOLID WASTE, SL - SLUDGE, WP - DRINKING WATER, WW - WASTE WATER, WG - GROUND WATER, SO - SOIL, DC - DRILL CUTTINGS, WL - LEACHATE, GS - SOIL GAS, WC - DRILLING WATER, WS - OCEAN WATER, WS - SURFACE WATER, WQ - WATER FIELD QC, LH - HAZARDOUS LIQUID WASTE, LF - FLOATING/FREE PRODUCT ON GW TABLE, CT - CONCRETE

SAMPLE TYPE CODES: TB# - TRIP BLANK, SD# - MATRIX SPIKE DUPLICATE, RB# - RINSE BLANK, FR# - FIELD REPLICATE, N# - NORMAL ENVIRONMENTAL SAMPLE, MS# - MATRIX SPIKE

RELINQUISHED BY (SIGNATURE) DATE TIME RECEIVED BY (SIGNATURE) DATE TIME

RELINQUISHED BY (SIGNATURE) DATE TIME RECEIVED FOR LAB BY (SIGNATURE) DATE TIME

10/17/01 1309 10/17/01 1309

Distribution: Original accompanies shipment, copy to coordinator field files

URS

LAB SEVERN TRENT LAB
COOLER 1 of 1
PAGE 1 of 1

REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (RPIIMS ONLY)
	NI	0	2"	-
	NI	0	2"	-
	NI	0	2"	-
	NI	0	2"	-
	NI	0	2"	-
	NI	0	2"	-
	NI	0	2"	-
	NI	0	2"	-
	NI	0	2"	-
	NI	0	2"	-
DUP	FR	0	2"	-

BOTTLE TYPE AND PRESERVATIVE

TESTS

SPECIAL INSTRUCTIONS: STANDARD T.A.T.

NY 08 9653 PASK 1

CHAIN OF CUSTODY RECORD

TESTS

URS

PROJECT NO. 35740.02
 SITE NAME
 SAMPLERS (PRINT/SIGNATURE) DAVID COFIELD JR. David Cofield

LAB SEVERN TRENT
 COOLER 1 of 1
 PAGE 1 of 1

DELIVERY SERVICE: URS CORP. AIRBILL NO.: N/A

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	BOTTLE TYPE AND PRESERVATIVE	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (RPIMS ONLY)
TB-4-Q-CC	10/12/01	1130	G	TB-4-Q-CC	CT	1	4 OZ CLEAR GLASS 1 LITER HMBR GLASS		NI	0	2"	1
TB-9-Q-CC		1145		TB-9-Q-CC		1			NI	0	2"	1
TB-14-Q-CC		1200		TB-14-Q-CC		1			NI	0	2"	1
TB-14-L-CC		1215		TB-14-L-CC		1			NI	0	2"	1
TB-14-G-CC		1230		TB-14-G-CC		1			NI	0	2"	1
RB1	10/12/01	1240		RB1	WG	2		RINSE BLANK RB1		-	-	-

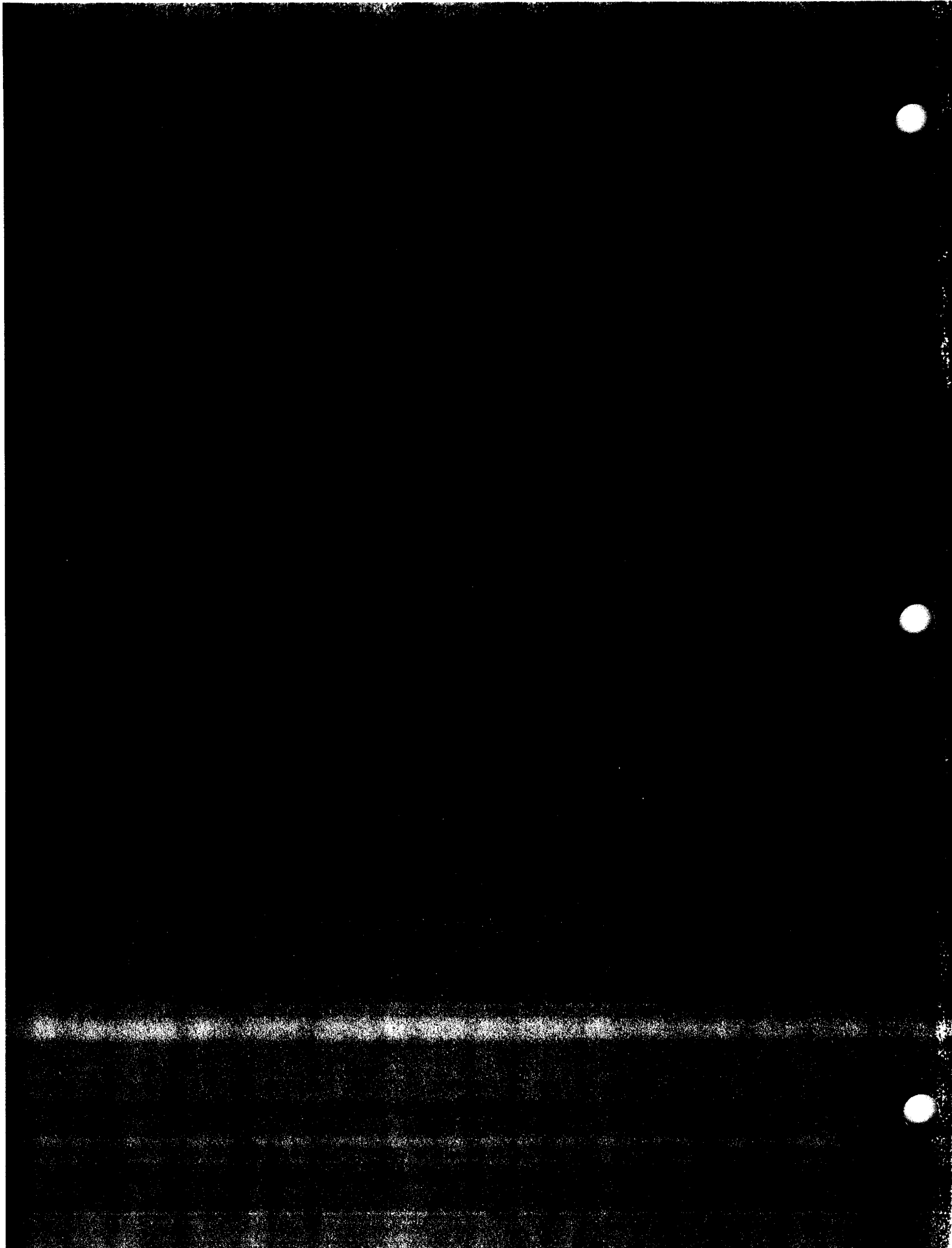
MATRIX CODES	AA - AMBIENT AIR	SE - SEDIMENT	SH - HAZARDOUS SOLID WASTE	SL - SLUDGE	WP - DRINKING WATER	WW - WASTE WATER	WG - GROUND WATER	WO - OCEAN WATER	WS - SURFACE WATER	WQ - WATER FIELD OC	LH - HAZARDOUS LIQUID WASTE	LF - FLOATING/FREE PRODUCT ON GW TABLE
SAMPLE TYPE CODES	TB# - TRIP BLANK	SD# - MATRIX SPIKE DUPLICATE	RB# - RINSE BLANK	FR# - FIELD REPLICATE	N# - NORMAL ENVIRONMENTAL SAMPLE	MS# - MATRIX SPIKE	WL - LEACHATE	GS - SOIL GAS	WC - DRILLING WATER			

(# - SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY)

RELINQUISHED BY (SIGNATURE) _____ DATE _____ TIME _____ RECEIVED BY (SIGNATURE) _____ DATE _____ TIME _____

RELINQUISHED BY (SIGNATURE) David Cofield DATE 10/12/01 TIME 1309 RECEIVED FOR LAB BY (SIGNATURE) _____ DATE _____ TIME _____

SPECIAL INSTRUCTIONS
 PLEASE EXTRACT & HOLD UNTIL FURTHER NOTICE.
 (STANDARD T.A.T.)





November 12, 2001

Mr. Mark Colmerauer
URS Dames and Moore
282 Delaware Ave.
Buffalo, NY 14202-1805

STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

Tel: 716 691 2600
Fax: 716 691 7991
www.stl-inc.com

RE: Analytical Results #A01-A847

Dear Mr. Colmerauer:

Please find enclosed analytical results concerning the samples submitted by your firm. The pertinent information regarding these analyses is listed below:

Quote #: NY00-249
Project: GE Tonawanda PCB Storage Area
Matrix: Soil, Other
Samples Received: 10/12/01
Sample Date: 10/12/01

If you have any questions concerning these data, please contact the Program Manager at (716) 691-2600 and refer to the I.D. number listed below. It has been our pleasure to provide URS Corporation with environmental testing services. We look forward to serving you in the future.

Sincerely,

STL Buffalo

Amy L. Haag
Program Manager

ALH/jdk
Enclosure

I.D. #A01-A847
#NY0A8653

METHODOLOGY

The specific methodology employed in obtaining the enclosed analytical results is indicated on the specific data tables. The method number presented refers to the following U.S. Environmental Protection Agency reference:

- "Test Methods for Evaluating Solid Waste, Physical/Chemical Methods" (SW-846), Third Edition, Update III, December 1996, United States Environmental Protection Agency Office of Solid Waste.

COMMENTS

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Sample dilutions were performed for Method 8082 as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Deviations from protocol were encountered for the following:

METHOD 8082

Sample TB-14-L-CC was analyzed at a dilution factor of 20 and as a result exhibited surrogate recovery results that were diluted out for Decachlorobiphenyl and Tetrachloro-m-xylene.

Sample TB-14-Q-CC was analyzed at a dilution factor of 10 and as a result exhibited surrogate recovery results that were diluted out for Decachlorobiphenyl and Tetrachloro-m-xylene.

Samples TB-4-Q-CC and TB-9-Q-CC were analyzed at a dilution factor of 50 and as a result exhibited surrogate recovery results that were diluted out for Decachlorobiphenyl and Tetrachloro-m-xylene.

000002

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
TB-4-Q-CC	A1A01601	8082	50.00	008
TB-9-Q-CC	A1A01602	8082	50.00	008
TB-14-Q-CC	A1A01603	8082	10.00	008
TB-14-L-CC	A1A01604	8082	20.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - non-target compounds (TICS) exceeded 5X the total response of one of the Internal Standards
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Date: 11/12/2001
Time: 14:06:56

URS CORPORATION
GE Tonawanda PCB Storage Area
METHOD 8082 - POLYCHLORINATED BIPHENYLS - MED LEV

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Units	TB-14-G-CC A01-A847 10/12/2001	A1A01605	TB-14-L-CC A01-A847 10/12/2001	A1A01604	TB-14-Q-CC A01-A847 10/12/2001	A1A01603	TB-4-Q-CC A01-A847 10/12/2001	A1A01601
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016		MG/KG	ND	0.17	ND	4.1	ND	2.0	ND	10
Aroclor 1221		MG/KG	ND	0.17	ND	4.1	ND	2.0	ND	10
Aroclor 1232		MG/KG	ND	0.17	ND	4.1	ND	2.0	ND	10
Aroclor 1242		MG/KG	ND	0.17	ND	4.1	ND	2.0	ND	10
Aroclor 1248		MG/KG	ND	0.17	ND	4.1	ND	2.0	ND	10
Aroclor 1254		MG/KG	2.5	0.17	25	4.1	24	2.0	48	10
Aroclor 1260		MG/KG	2.0	0.17	33	4.1	35	2.0	64	10
SURROGATE(S)										
Tetrachloro-m-xylene		%	108	32-148	0 D	32-148	0 D	32-148	0 D	32-148
Decachlorobiphenyl		%	119	36-153	0 D	36-153	0 D	36-153	0 D	36-153

Client ID Job No Sample Date	Lab ID	Units	TB-9-G-CC A01-A847 10/12/2001	A1A01602	TB-9-G-CC A01-A847 10/12/2001	A1A01602	TB-9-G-CC A01-A847 10/12/2001	A1A01602	TB-9-G-CC A01-A847 10/12/2001	A1A01602
Analyte			Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016		MG/KG	ND	11	ND	11	ND	11	NA	NA
Aroclor 1221		MG/KG	ND	11	ND	11	ND	11	NA	NA
Aroclor 1232		MG/KG	ND	11	ND	11	ND	11	NA	NA
Aroclor 1242		MG/KG	ND	11	ND	11	ND	11	NA	NA
Aroclor 1248		MG/KG	ND	11	ND	11	ND	11	NA	NA
Aroclor 1254		MG/KG	40	11	40	11	40	11	NA	NA
Aroclor 1260		MG/KG	59	11	59	11	59	11	NA	NA
SURROGATE(S)										
Tetrachloro-m-xylene		%	0 D	32-148	0 D	32-148	0 D	32-148	NA	NA
Decachlorobiphenyl		%	0 D	36-153	0 D	36-153	0 D	36-153	NA	NA

000005

**Chronology and QC
Summary Package**

Date: 11/12/2001
Time: 14:07:10

URS CORPORATION
GE Tonawanda PCB Storage Area
METHOD 8082 - POLYCHLORINATED BIPHENYLS - MED LEV

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Method Blank A01-A847		A180914202		Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
		Sample Value	Reporting Limit	Sample Value	Reporting Limit						
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.20	NA		NA		NA		NA	
Aroclor 1221	MG/KG	ND	0.20	NA		NA		NA		NA	
Aroclor 1232	MG/KG	ND	0.20	NA		NA		NA		NA	
Aroclor 1242	MG/KG	ND	0.20	NA		NA		NA		NA	
Aroclor 1248	MG/KG	ND	0.20	NA		NA		NA		NA	
Aroclor 1254	MG/KG	ND	0.20	NA		NA		NA		NA	
Aroclor 1260	MG/KG	ND	0.20	NA		NA		NA		NA	
SURROGATE(S)											
Tetrachloro-m-xylene	%	106	32-148	NA		NA		NA		NA	
Decachlorobiphenyl	%	96	36-153	NA		NA		NA		NA	

000007

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A01-A847 A1B0914201		Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
		Analyte	Units						
Aroclor 1016		ND	MG/KG	0.22	NA		NA		NA
Aroclor 1221		ND	MG/KG	0.22	NA		NA		NA
Aroclor 1232		ND	MG/KG	0.22	NA		NA		NA
Aroclor 1242		ND	MG/KG	0.22	NA		NA		NA
Aroclor 1248		ND	MG/KG	0.22	NA		NA		NA
Aroclor 1254		2.5	MG/KG	0.22	NA		NA		NA
Aroclor 1260		ND	MG/KG	0.22	NA		NA		NA
SURROGATE(S)									
Tetrachloro-m-xylene		102	%	32-148	NA		NA		NA
Decachlorobiphenyl		96	%	36-153	NA		NA		NA

000008

Client Sample ID: Method Blank
Lab Sample ID: A180914202

Matrix Spike Blank
A180914201

Analyte	Units of Measure	Blank Spike	Concentration Spike Amount	% Recovery Blank Spike	QC LIMITS
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	2.47	2.21	112	52-153

000009

* Indicates Result is outside QC Limits
NC = Not Calculated, ND = Not Calculated

METHOD 8082 - POLYCHLORINATED BIPHENYLS - MED LEV

Client Sample ID Job No & Lab Sample ID	TB-14-G-CC A01-AB47 A1A01605	TB-14-L-CC A01-AB47 A1A01604	TB-14-Q-CC A01-AB47 A1A01603	TB-4-Q-CC A01-AB47 A1A01601	TB-9-Q-CC A01-AB47 A1A01602
Sample Date	10/12/2001 12:30	10/12/2001 12:15	10/12/2001 12:00	10/12/2001 11:30	10/12/2001 11:45
Received Date	10/12/2001 13:09	10/12/2001 13:09	10/12/2001 13:09	10/12/2001 13:09	10/12/2001 13:09
Extraction Date	10/15/2001	10/15/2001	10/15/2001	10/15/2001	10/15/2001
Analysis Date	11/05/2001 21:10	11/05/2001 20:43	11/05/2001 20:15	11/05/2001 19:20	11/05/2001 19:47
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOTHER	SOTHER	SOTHER	SOTHER	SOTHER
Dilution Factor	1.0	20.0	10.0	50.0	50.0
Sample wt/vol	2.9	2.43	2.54	2.42	2.22
% Dry	100.00	100.00	100.00	100.00	100.00

000010

METHOD 8082 - POLYCHLORINATED BIPHENYLS - MED LEV

Client Sample ID Job No & Lab Sample ID	Method Blank A01-A847 A1B0914202			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/15/2001 10/18/2001 11:20 - - SOIL MED 1.0 GRAMS 2.46 100.00			

000011

Date: 11/12/2001
Time: 14:08:42

U R S DAMES & MOORE
QC SAMPLE VOLOGY

Lot: AN0374
je: 2

METHOD 8082 - POLYCHLORINATED BIPHENYLS - MED LEV

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A01-A847 A180914201			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	10/15/2001 10/18/2001 10:52 - SOIL 1.0 2.26 100.00			

000012

000013

Chain of Custody

A84C

000014
000001

CHAIN OF CUSTODY RECORD

PROJECT NO. 35740.02
 SITE NAME _____
 SAMPLERS (PRINT/SIGNATURE) David CoField

LAB SEVERN TRENT
 COOLER 1 of 1
 PAGE 1 of 1

URS

DELIVERY SERVICE: URS CORP AIRBILL NO.: N/A

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO # OF CONTAINERS
TB-4-Q-CC	10/12/09	1130	G	TB-4-Q-CC	CT	1
TB-9-Q-CC		1145		TB-4-Q-CC		1
TB-11-Q-CC		1200		TB-11-Q-CC		1
TB-14-L-CC		1215		TB-14-L-CC		1
TB-14-G-CC		1230		TB-14-G-CC		1
RB1	10/12/09	1240		RB1	WG	2

REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO # (RINGS ONLY)
	Ni	0	2"	-
	Ni	0	2"	-
	Ni	0	2"	-
	Ni	0	2"	-
	Ni	0	2"	-
RINSE BLANK RB1				

4 OR CLEAR GLASS 1 LITER AMBLES
 FOR RB'S

NO. OF SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY

RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME
<u>David CoField</u>	10/12/09	1309	<u>[Signature]</u>	10/12/09	1309

SPECIAL INSTRUCTIONS
 PLEASE EXTRACT & HOLD UNTIL FURTHER NOTICE.
 (STANDARD T.A.T.)

Distribution: Original accompanies shipment, copy to coordinator field files

MATRIX CODES	SA - AMBIENT AIR	SL - SLUDGE	SW - SURFACE WATER	WC - WASTE WATER	WG - GROUND WATER	WQ - OCEAN WATER	WH - HAZARDOUS LIQUID WASTE
	SE - SEDIMENT	SAMPLE TYPE CODES	TBA - TAP BLANK	PBF - RINSE BLANK	REP - FIELD REPLICATE	NF - NORMAL ENVIRONMENTAL SAMPLE	VF - MATRIX PIPE





STL Buffalo
10 Hazelwood Drive
Suite 106
Amherst, NY 14228

Tel: 716 691 2600
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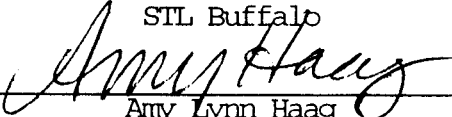
ANALYTICAL REPORT

Job#: A02-7065

STL Project#: NY2A8944
Site Name: URS, INC.
Task: GE Tonawanda

Mr. Mark Colmerauer
URS, Inc.
282 Delaware Ave
Buffalo, NY 14202-1805

CC: Ms. Karen Peppin

STL Buffalo


Amy Lynn Haag
Project Manager

07/15/2002

This report contains 19 pages which are individually numbered.



000001

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A2706509	TB-14-G-W	07/11/2002	13:35	07/11/2002	14:22
A2706510	TB-14-L-W	07/11/2002	13:37	07/11/2002	14:22
A2706501	TB-2-A-W	07/11/2002	13:23	07/11/2002	14:22
A2706502	TB-4-F-W	07/11/2002	13:30	07/11/2002	14:22
A2706503	TB-4-F-W (DUP)	07/11/2002	13:30	07/11/2002	14:22
A2706504	TB-4-I-W	07/11/2002	13:44	07/11/2002	14:22
A2706505	TB-4-Q-W	07/11/2002	13:49	07/11/2002	14:22
A2706506	TB-5-A-W	07/11/2002	13:25	07/11/2002	14:22
A2706508	TB-7-A-W	07/11/2002	13:27	07/11/2002	14:22
A2706511	TB-7-G-W	07/11/2002	13:33	07/11/2002	14:22
A2706507	TB-7-K-W	07/11/2002	13:42	07/11/2002	14:22

METHODS SUMMARY

Job#: A02-7065

STL Project#: NY2A8944
Site Name: URS, INC.

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082W

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.



NON-CONFORMANCE SUMMARY

Job#: A02-7065

STL Project#: NY2A8944
Site Name: URS, INC.

General Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A02-7065

All samples were received at a temperature of 10°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

GC Extractable Data

Some wipe samples analyzed for Method 8082 (PCB) required dilution prior to analysis due to the high concentration of target analytes. The surrogates were diluted out of several of the sample extracts.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
TB-2-A-W	A2706501	8082W	10.00	008
TB-4-F-W	A2706502	8082W	10.00	008
TB-4-F-W(DUP)	A2706503	8082W	20.00	008
TB-4-I-W	A2706504	8082W	50.00	008
TB-4-Q-W	A2706505	8082W	50.00	008
TB-5-A-W	A2706506	8082W	20.00	008
TB-7-K-W	A2706507	8082W	50.00	008
TB-7-G-W	A2706511	8082W	4.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - non-target compounds (TICS) exceeded 5X the total response of one of the Internal Standards
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE**ORGANIC DATA QUALIFIERS**

- ND or U Indicates compound was analyzed for, but not detected.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P"
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- ! Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected. Report with the detection limit value.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance
- E Indicates a value estimated or not reported due to the presence of interferences
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate
- * Indicates analysis is not within the quality control limits
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995

Sample Data Package

Date: 07/15/2002
Time: 14:25:41

URS, INC.
GE Tonawanda
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AM0326

Client ID Job No Sample Date	Lab ID	TB-14-G-W A02-7065 07/11/2002	A2706509	TB-14-L-W A02-7065 07/11/2002	A2706510	TB-2-A-W A02-7065 07/11/2002	A2706501	TB-4-F-W A02-7065 07/11/2002	A2706502
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/WIPE	ND	0.50	ND	0.50	ND	5.0	ND	5.0
Aroclor 1221	UG/WIPE	ND	0.50	ND	0.50	ND	5.0	ND	5.0
Aroclor 1232	UG/WIPE	ND	0.50	ND	0.50	ND	5.0	ND	5.0
Aroclor 1242	UG/WIPE	ND	0.50	ND	0.50	ND	5.0	ND	5.0
Aroclor 1248	UG/WIPE	ND	0.50	ND	0.50	ND	5.0	ND	5.0
Aroclor 1254	UG/WIPE	ND	0.50	ND	0.50	ND	5.0	ND	5.0
Aroclor 1260	UG/WIPE	4.8	0.50	6.8	0.50	40	5.0	58	5.0
---SURROGATE(S)---									
Tetrachloro-m-xylene	%	81	32-148	82	32-148	0 0	32-148	0 0	32-148
Decachlorobiphenyl	%	86	36-153	88	36-153	0 0	36-153	0 0	36-153

Client ID Job No Sample Date	Lab ID	TB-4-F-W(DUP) A02-7065 07/11/2002	A2706503	TB-4-I-W A02-7065 07/11/2002	A2706504	TB-4-G-W A02-7065 07/11/2002	A2706505	TB-5-A-W A02-7065 07/11/2002	A2706506
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/WIPE	ND	10	ND	25	ND	25	ND	10
Aroclor 1221	UG/WIPE	ND	10	ND	25	ND	25	ND	10
Aroclor 1232	UG/WIPE	ND	10	ND	25	ND	25	ND	10
Aroclor 1242	UG/WIPE	ND	10	ND	25	ND	25	ND	10
Aroclor 1248	UG/WIPE	ND	10	ND	25	ND	25	ND	10
Aroclor 1254	UG/WIPE	ND	10	ND	25	ND	25	ND	10
Aroclor 1260	UG/WIPE	110	10	170	25	250	25	98	10
---SURROGATE(S)---									
Tetrachloro-m-xylene	%	0 0	32-148	0 0	32-148	0 0	32-148	0 0	32-148
Decachlorobiphenyl	%	0 0	36-153	0 0	36-153	0 0	36-153	0 0	36-153

000007

Date: 07/15/2002
Time: 14:25:41

URS, INC.
GE Technology
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AM0326

Client ID	Lab ID	TB-7-A-W A02-7065 07/11/2002	A2706508	TB-7-G-W A02-7065 07/11/2002	A2706511	TB-7-K-W A02-7065 07/11/2002	A2706507	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	
Aroclor 1016	UG/WIPE	ND	0.50	ND	2.0	ND	25	NA			
Aroclor 1221	UG/WIPE	ND	0.50	ND	2.0	ND	25	NA			
Aroclor 1232	UG/WIPE	ND	0.50	ND	2.0	ND	25	NA			
Aroclor 1242	UG/WIPE	ND	0.50	ND	2.0	ND	25	NA			
Aroclor 1248	UG/WIPE	ND	0.50	ND	2.0	ND	25	NA			
Aroclor 1254	UG/WIPE	ND	0.50	ND	2.0	ND	25	NA			
Aroclor 1260	UG/WIPE	10	0.50	18	2.0	91	25	NA			
SURROGATE(S)											
Tetrachloro-m-xylene	%	86	32-148	76	32-148	0 0	32-148	NA			
Decachlorobiphenyl	%	94	36-153	82	36-153	0 0	36-153	NA			

NA = Not Applicable ND = Not Detected

STL Buffalo

000008

**Chronology and QC
Summary Package**

Date: 07/15/2002
 Time: 14:25:55

URS, INC.

GE Technology

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AM0326

Client ID Job No Sample Date	Lab ID	Method Blank A02-7065		A2B0643603		Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
		Analyte	Units	Sample Value	Reporting Limit						
Aroclor 1016			UG/WIPE	ND	0.50		NA		NA		NA
Aroclor 1221			UG/WIPE	ND	0.50		NA		NA		NA
Aroclor 1232			UG/WIPE	ND	0.50		NA		NA		NA
Aroclor 1242			UG/WIPE	ND	0.50		NA		NA		NA
Aroclor 1248			UG/WIPE	ND	0.50		NA		NA		NA
Aroclor 1254			UG/WIPE	ND	0.50		NA		NA		NA
Aroclor 1260			UG/WIPE	ND	0.50		NA		NA		NA
-SURROGATE(S)-											
Tetrachloro-m-xylene		%		98	32-148		NA		NA		NA
Decachlorobiphenyl		%		100	36-153		NA		NA		NA

000010

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 07/15/2002
Time: 14:25:55

URS, INC.
GE Tonawanda
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AM0326

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A02-7065 A280643601		Matrix Spike Blk Dup A02-7065 A280643602		Reporting Limit	Sample Value	Reporting Limit	Sample Value
		Analyte	Units	Sample Value	Reporting Limit				
Aroclor 1016			UG/WIPE	ND	0.50	0.50	NA		NA
Aroclor 1221			UG/WIPE	ND	0.50	0.50	NA		NA
Aroclor 1232			UG/WIPE	ND	0.50	0.50	NA		NA
Aroclor 1242			UG/WIPE	ND	0.50	0.50	NA		NA
Aroclor 1248			UG/WIPE	ND	0.50	0.50	NA		NA
Aroclor 1254			UG/WIPE	5.0	0.50	0.50	NA		NA
Aroclor 1260			UG/WIPE	ND	0.50	0.50	NA		NA
SURROGATE(S)									
Tetrachloro-m-xylene		%		96	32-148	32-148	NA		NA
Decachlorobiphenyl		%		96	36-153	36-153	NA		NA

000011

Client Sample ID: Method Blank
 Lab Sample ID: A2B0643603

Matrix Spike Blank
 A2B0643601

Matrix Spike Blk Dup
 A2B0643602

Analyte	Units of Measure	Concentration			% Recovery			QC LIMITS RPD REC.	
		Spike Blank	Spike Blank Dup	Spike Amount SB	SB	SBD	Avg		% RPD
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	UG/WIPE	4.96	5.03	5.00	99	101	100	2	30.0 52-153

000012

STL Buffalo

* Indicates Result is outside QC Limits
 NC = Not Calculated MD = Not Calculated

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-14-G-W A02-7065 A2706509	TB-14-L-W A02-7065 A2706510	TB-2-A-W A02-7065 A2706501	TB-4-F-W A02-7065 A2706502	TB-4-F-W(DUP) A02-7065 A2706503
Sample Date	07/11/2002 13:35	07/11/2002 13:37	07/11/2002 13:23	07/11/2002 13:30	07/11/2002 13:30
Received Date	07/11/2002 14:22	07/11/2002 14:22	07/11/2002 14:22	07/11/2002 14:22	07/11/2002 14:22
Extraction Date	07/12/2002 07:00	07/12/2002 07:00	07/12/2002 07:00	07/12/2002 07:00	07/12/2002 07:00
Analysis Date	07/12/2002 20:18	07/12/2002 20:44	07/12/2002 16:54	07/12/2002 17:20	07/12/2002 17:45
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	WIPE	WIPE	WIPE	WIPE	WIPE
Dilution Factor	1.0	1.0	10.0	10.0	20.0
Sample wt/vol	1.0	1.0	1.0	1.0	1.0
% Dry	100.00	100.00	100.00	100.00	100.00
	GRAMS	GRAMS	GRAMS	GRAMS	GRAMS

000013

STL Buffalo

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-4-I-W A02-7065 A2706504	TB-4-Q-W A02-7065 A2706505	TB-5-A-W A02-7065 A2706506	TB-7-A-W A02-7065 A2706508	TB-7-G-W A02-7065 A2706511
Sample Date	07/11/2002 13:44	07/11/2002 13:49	07/11/2002 13:25	07/11/2002 13:27	07/11/2002 13:33
Received Date	07/11/2002 14:22	07/11/2002 14:22	07/11/2002 14:22	07/11/2002 14:22	07/11/2002 14:22
Extraction Date	07/12/2002 07:00	07/12/2002 07:00	07/12/2002 07:00	07/12/2002 07:00	07/12/2002 07:00
Analysis Date	07/12/2002 18:11	07/12/2002 18:36	07/12/2002 19:02	07/12/2002 19:53	07/12/2002 22:01
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	WIPE	WIPE	WIPE	WIPE	WIPE
Dilution Factor	50.0	50.0	20.0	1.0	4.0
Sample wt/vol	1.0	1.0	1.0	1.0	1.0
% Dry	100.00	100.00	100.00	100.00	100.00

000014

STL Buffalo

NA = Not Applicable

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-7-K-W A02-7065 A2706507			
Sample Date	07/11/2002	13:42		
Received Date	07/11/2002	14:22		
Extraction Date	07/12/2002	07:00		
Analysis Date	07/12/2002	19:27		
Extraction HI Met?	YES			
Analytical HI Met?	YES			
Sample Matrix	WIPE			
Dilution Factor	50.0			
Sample wt/vol	1.0	GRAMS		
% Dry	100.00			

000015

STL Buffalo

Date: 07/15/2002
Time: 14:26:22

U R S GREINER, INC
QC SAMPLE TECHNOLOGY

Rept: AM0374
pg: 4

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A02-7065 A280643601	Matrix Spike Blk Dup A02-7065 A280643602		
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	07/12/2002 07:00 07/12/2002 13:04 - - WIPE 1.0 1.0 100.00	07/12/2002 07:00 07/12/2002 13:30 - - WIPE 1.0 1.0 100.00		

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A02-7065 A2B0643603			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	07/12/2002 07:00 07/12/2002 13:55 - - WIPE 1.0 1.0 GRAMS 100.00			

000017

STL Buffalo

NA = Not Applicable

Chain of Custody

35740.02

Chain of Custody Record



Severn Trent Laboratories, Inc.

STL-4124 (0901)

Client: **URS** Project Manager: **Karen Peppin** Date: **7-11-02** Chain of Custody Number: **133112**

Address: **882 Delaware Ave** Telephone Number (Area Code)/Fax Number: **716 852-5234** Lab Number: _____

City: **Buttalo** State: **NY** Zip Code: **14202** Site Contact: **Mark Comanau** Lab Contact: _____

Project Name and Location (State): **6 E Tonawanda, NY** Carrier/Waybill Number: _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives						Special Instructions/ Conditions of Receipt				
			Air	Aqueous	Sed	Soil	Wipes	Unpres	H2SO4	HNO3	HCl	NaOH		ZnAc	NaOH		
TB-2-A-W	7-11-02	1323					✓										
TB-4-F-W		1330					✓										
TB-4-F-W (DUP)		1330					✓										
TB-4-I-W		1344					✓										
TB-4-Q-W		1349					✓										
TB-5-A-W		1325					✓										
TB-7-K-W		1342					✓										
TB-7-A-W		1327					✓										
TB-14-G-W		1335					✓										
TB-14-L-W		1337					✓										
TB-7-G-W		1333					✓										

Possible Hazard Identification: **PCB**

Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other: **STANDARD**

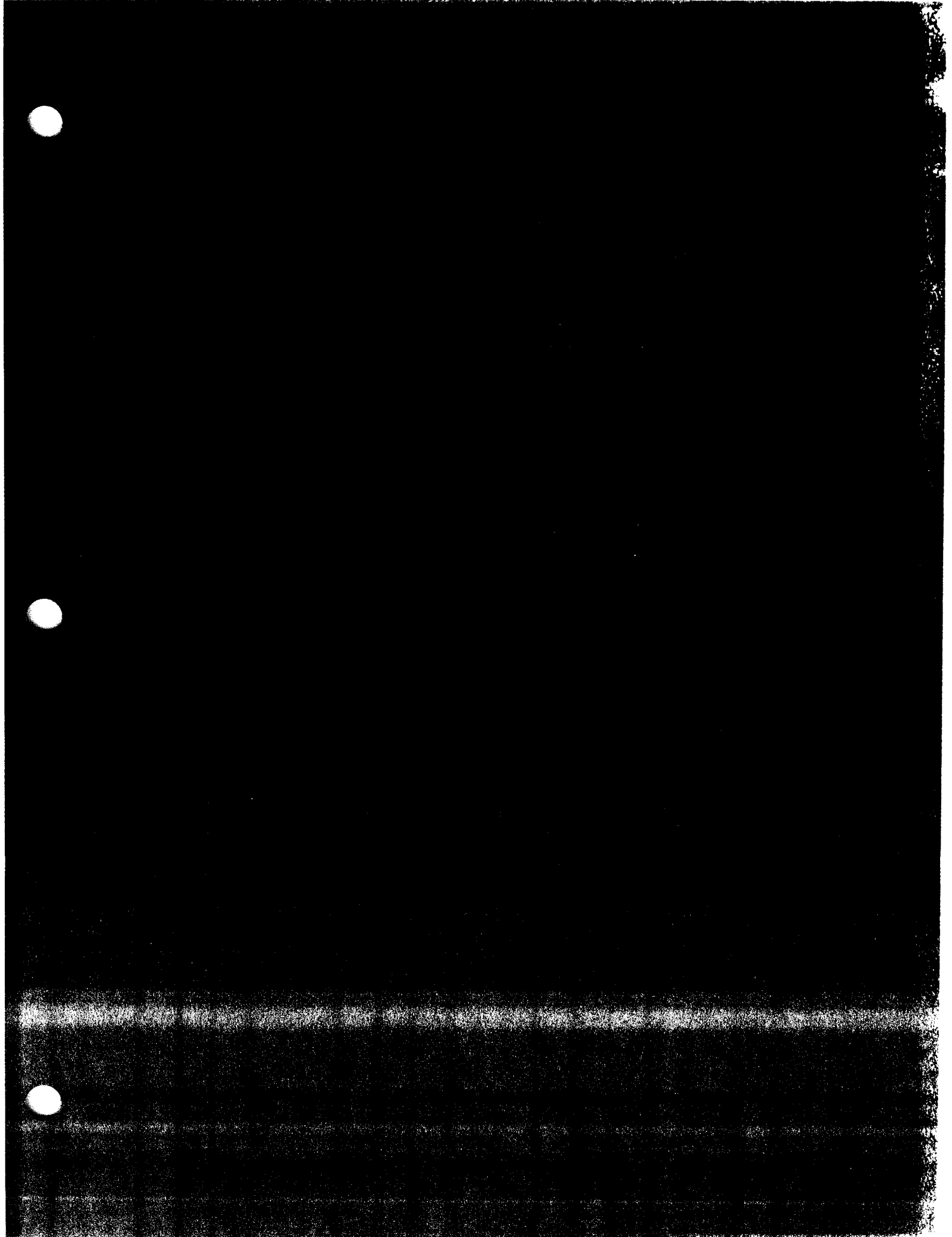
1. Relinquished By: **Joseph A. Ch...** Date: **7-11-02** Time: **1422**

2. Relinquished By: **Janet Ruker** Date: **7-11-02** Time: **1422**

3. Relinquished By: _____ Date: _____ Time: _____

Comments: **Hexane Wipes in 802 jars**

DISTRIBUTION: **W** Returned to Client with Report: **CANARY - Slays** with the Sample: **PINK - Field Copy**





STL

ANALYTICAL REPORT

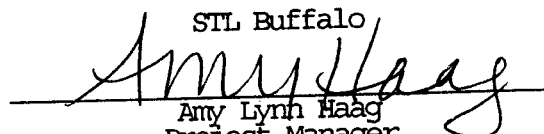
Job#: A03-6080

STL Project#: NY0A8653

Site Name: URS CORPORATION

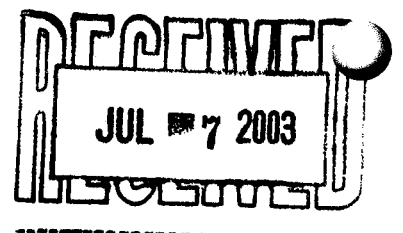
Task: GE Tonawanda PCB Storage Area

Karen Peppin
URS Dames & Moore
646 Plank Road, Suite 202
Clifton Park, NY 12065

STL Buffalo

Amy Lynn Haag
Project Manager

06/30/2003

Severn Trent Laboratories, Inc.
STL Buffalo • 10 Hazelwood Drive, Suite 106, Amherst, NY 14228
Tel 716 691 2600 Fax 716 691 7991 • www.stl-inc.com



Non-Conformance Summary	4
Sample Data Summary	7
Chronology and QC Summary	9
Chain of Custody	17

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A3608006	AB5-W	06/25/2003	09:30	06/25/2003	10:30
A3608005	AB9-W	06/25/2003	09:15	06/25/2003	10:30
A3608008	AI5-W	06/25/2003	09:25	06/25/2003	10:30
A3608007	AI9-W	06/25/2003	09:20	06/25/2003	10:30
A3608001	G9-W	06/25/2003	09:00	06/25/2003	10:30
A3608002	N9-W	06/25/2003	09:05	06/25/2003	10:30
A3608004	W5-W	06/25/2003	09:35	06/25/2003	10:30
A3608003	W9-W	06/25/2003	09:10	06/25/2003	10:30

METHODS SUMMARY

Job#: A03-6080STL Project#: NY0A8653
Site Name: URS CORPORATION

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS	SW8463 8082W

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A03-6080STL Project#: NY0A8653Site Name: URS CORPORATIONGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-6080

Sample Cooler(s) were received at the following temperature(s); 6.0 °C

All samples were received in good condition.

GC Extractable Data

For method 8082, all field samples required dilution prior to analysis due to the high concentration of target analytes. The surrogates were diluted out of the sample extracts.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
G9-W	A3608001	8082W	4.00	008
N9-W	A3608002	8082W	20.00	008
W9-W	A3608003	8082W	4.00	008
W5-W	A3608004	8082W	20.00	008
AB9-W	A3608005	8082W	4.00	008
AB5-W	A3608006	8082W	20.00	008
A19-W	A3608007	8082W	4.00	008
A15-W	A3608008	8082W	4.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Date: 06/30/2003
Time: 19:39:35

URS CORPORATION
GE Tonawanda PCB Storage Area
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Rept: AM0326

Client ID	Job No	Sample Date	Lab ID	AB5-W A03-6080 06/25/2003	A3608006	AB9-W A03-6080 06/25/2003	A3608005	A15-W A03-6080 06/25/2003	A3608008	A19-W A03-6080 06/25/2003	A3608007
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/WIPE	ND	40	ND	8.0	ND	8.0	ND	8.0	ND	8.0
Aroclor 1221	UG/WIPE	ND	40	ND	8.0	ND	8.0	ND	8.0	ND	8.0
Aroclor 1232	UG/WIPE	ND	40	ND	8.0	ND	8.0	ND	8.0	ND	8.0
Aroclor 1242	UG/WIPE	ND	40	ND	8.0	ND	8.0	ND	8.0	ND	8.0
Aroclor 1248	UG/WIPE	ND	40	ND	8.0	ND	8.0	ND	8.0	ND	8.0
Aroclor 1254	UG/WIPE	ND	40	ND	8.0	ND	8.0	ND	8.0	ND	8.0
Aroclor 1260	UG/WIPE	230	40	59	8.0	59	8.0	59	8.0	67	8.0
SURROGATE(S)											
Tetrachloro-m-xylene	%	0.0	32-148	0.0	32-148	0.0	32-148	0.0	32-148	0.0	32-148
Decachlorobiphenyl	%	0.0	36-153	0.0	36-153	0.0	36-153	0.0	36-153	0.0	36-153

Client ID	Job No	Sample Date	Lab ID	69-W A03-6080 06/25/2003	A3608001	N9-W A03-6080 06/25/2003	A3608002	W5-W A03-6080 06/25/2003	A3608004	W9-W A03-6080 06/25/2003	A3608003
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/WIPE	ND	8.0	ND	40	ND	40	ND	40	ND	8.0
Aroclor 1221	UG/WIPE	ND	8.0	ND	40	ND	40	ND	40	ND	8.0
Aroclor 1232	UG/WIPE	ND	8.0	ND	40	ND	40	ND	40	ND	8.0
Aroclor 1242	UG/WIPE	ND	8.0	ND	40	ND	40	ND	40	ND	8.0
Aroclor 1248	UG/WIPE	ND	8.0	ND	40	ND	40	ND	40	ND	8.0
Aroclor 1254	UG/WIPE	ND	8.0	ND	40	ND	40	ND	40	ND	8.0
Aroclor 1260	UG/WIPE	61	8.0	160	40	430	40	47	40	47	8.0
SURROGATE(S)											
Tetrachloro-m-xylene	%	0.0	32-148	0.0	32-148	0.0	32-148	0.0	32-148	0.0	32-148
Decachlorobiphenyl	%	0.0	36-153	0.0	36-153	0.0	36-153	0.0	36-153	0.0	36-153

Chronology and QC
Summary Package

Date: 06/30/2003
Time: 19:59:46

URS CORPORATION
6E Tonawanda PCB Storage Area
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Rept: AM0326

Client ID	Lab ID	Method Blank	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No		A03-6080	A380686503						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/WIPE	ND	2.0	NA		NA		NA	
Aroclor 1221	UG/WIPE	ND	2.0	NA		NA		NA	
Aroclor 1232	UG/WIPE	ND	2.0	NA		NA		NA	
Aroclor 1242	UG/WIPE	ND	2.0	NA		NA		NA	
Aroclor 1248	UG/WIPE	ND	2.0	NA		NA		NA	
Aroclor 1254	UG/WIPE	ND	2.0	NA		NA		NA	
Aroclor 1260	UG/WIPE	ND	2.0	NA		NA		NA	
---SURROGATE(S)---									
Tetrachloro-m-xylene	%	82	32-148	NA		NA		NA	
Decachlorobiphenyl	%	74	36-153	NA		NA		NA	

10/18

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 06/30/2003
Time: 19:39

URS CORPORATION
6E Tonawanda Storage Area
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

t: AM0326

Client ID	Lab ID	Units	Matrix Spike Blank A03-6080 A380686501	Matrix Spike Blk Dup A03-6080 A380686502	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016		UG/WIPE	ND	2.0	ND	2.0	NA	2.0	NA	2.0
Aroclor 1221		UG/WIPE	ND	2.0	ND	2.0	NA	2.0	NA	2.0
Aroclor 1232		UG/WIPE	ND	2.0	ND	2.0	NA	2.0	NA	2.0
Aroclor 1242		UG/WIPE	ND	2.0	ND	2.0	NA	2.0	NA	2.0
Aroclor 1248		UG/WIPE	ND	2.0	ND	2.0	NA	2.0	NA	2.0
Aroclor 1254		UG/WIPE	5.2	2.0	5.6	2.0	NA	2.0	NA	2.0
Aroclor 1260		UG/WIPE	ND	2.0	ND	2.0	NA	2.0	NA	2.0
---SURROGATE(S)---										
Tetrachloro-m-xylene		%	70	32-148	86	32-148	NA	32-148	NA	32-148
Decachlorobiphenyl		%	54	36-153	74	36-153	NA	36-153	NA	36-153

NA = Not Applicable ND = Not Detected

STL Buffalo

11/18

Date : 06/30/2003 19:40:00

U R S CORPORATION

Rept: AN0364

Client Sample ID: Method Blank
Lab sample ID: A3B0686503

Matrix Spike Blank
A3B0686501

Matrix Spike Blk Dup
A3B0686502

Analyte	Units of Measure	Concentration			Spike Amount			% Recovery			QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg	X RPD	RPD	REC.	
METHOD 8082 WIPES - POLYCHLORINATED BIPH Aroclor 1254	UG/WIPE	5.17	5.65	5.00	5.00	103	113	108	9	30.0	52-153	

12/18

STL Buffalo

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

Date: 06/30/2003
 Time: 19:40

U R S CORPORATION
 SAMPLE NOLOGY

U: AM0374
 Z: 1

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Job No & Lab Sample ID	Client Sample ID	AB5-W A03-6080 A3608006	AB9-W A03-6080 A3608005	A15-W A03-6080 A3608008	A19-W A03-6080 A3608007	69-W A03-6080 A3608001
Sample Date	06/25/2003	06/25/2003	06/25/2003	06/25/2003	06/25/2003	06/25/2003
Received Date	06/25/2003	06/25/2003	06/25/2003	06/25/2003	06/25/2003	06/25/2003
Extraction Date	06/25/2003	06/25/2003	06/25/2003	06/25/2003	06/25/2003	06/25/2003
Analysis Date	06/26/2003	06/26/2003	06/26/2003	06/26/2003	06/26/2003	06/26/2003
Extraction HT Met?	YES	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES	YES
Sample Matrix	WIPE	WIPE	WIPE	WIPE	WIPE	WIPE
Dilution Factor	20.0	4.0	4.0	4.0	4.0	4.0
Sample wt/vol	1.0	1.0	1.0	1.0	1.0	1.0
% Dry	100.00	100.00	100.00	100.00	100.00	100.00
		GRAMS	GRAMS	GRAMS	GRAMS	GRAMS
		09:30	09:15	09:25	09:20	09:00
		10:30	10:30	10:30	10:30	10:30
		16:00	16:00	16:00	16:00	16:00
		11:44	11:33	12:06	11:55	10:50

NA = Not Applicable

STL Buffalo

13/18

Date: 06/30/2003
Time: 19:40:12

U R S CORPORATION
SAMPLE CHRONOLOGY

Rept: AN0374
Page: 2

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Job No & Lab Sample ID	N9-W A03-6080 A3608002	W5-W A03-6080 A3608004	W9-W A03-6080 A3608003	
Client Sample ID				
Sample Date	06/25/2003 09:05	06/25/2003 09:35	06/25/2003 09:10	
Received Date	06/25/2003 10:30	06/25/2003 10:30	06/25/2003 10:30	
Extraction Date	06/25/2003 16:00	06/25/2003 16:00	06/25/2003 16:00	
Analysis Date	06/26/2003 11:01	06/26/2003 11:22	06/26/2003 11:12	
Extraction HT Met?	YES	YES	YES	
Analytical HT Met?	YES	YES	YES	
Sample Matrix	WIPE	WIPE	WIPE	
Dilution Factor	20.0	20.0	4.0	
Sample wt/vol	1.0	1.0	1.0	
% Dry	100.00	100.00	100.00	

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A03-6080 A3B0686501	Matrix Spike Blk Dup A03-6080 A3B0686502
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	06/25/2003 16:00 06/26/2003 13:00 - - WIPE 1.0 1.0 GRAMS 100.00	06/25/2003 16:00 06/26/2003 13:11 - - WIPE 1.0 1.0 GRAMS 100.00

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A03-6080 A3B0686503			
Sample Date Received Date Extraction Date Analysis Date Extraction HI Met? Analytical HI Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	06/25/2003 16:00 06/26/2003 13:37 - - WIPE 1.0 1.0 100.00 GRAMS			

Chain of Custody



**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

**Chain of
Custody Record**

STL-4124 (0901)

Client: **URS CORP** Project Manager: **MARK Colmerauer (Buf. office)** Chain of Custody Number: **112305**
 Address: **282 Delaware Ave** Telephone Number (Area Code)/Fax Number: **6-25-03** Lab Number: _____ Page **1** of **1**
 City: **Buffalo** State: **NY** Zip Code: **14202** Site Contact: **M. Colmerauer** Lab Contact: **ANN HAAH**

Project Name and Location (State): **GE TONAWANDA, NY** Carrier/Waybill Number: _____
 Contract/Purchase Order/Quote No.: _____

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix				Containers & Preservatives						Special Instructions/ Conditions of Receipt		
			Az	energy	Sed	Soil	Wipe	Unpres.	H2SO4	HNO3	HCl	NaOH		ZnAc	NaOH
G9-W	6-25-03	0900				X								X	Hexane W/AES ↓
N9-W		0905				X								X	
W9-W		0910				X								X	
W5-W		0935				X								X	
AB9-W		0915				X								X	
AB5-W		0930				X								X	
AI9-W		0920				X								X	
AI5-W		0915				X								X	

Possible Hazard Identification:
 Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 1 month)

Sample Disposal: _____
 Turn Around Time Required: 24 Hours 48 Hours 14 Days 21 Days Other _____
 1. Relinquished By: **Jennifer A. Chutey** Date: **6-25-03** Time: **10:30**
 2. Relinquished By: _____ Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____

Comments: **Delivered on ice 8 4oz glass jars for PCB analysis (per specs) 6.0°C**
 DISTRIBUTION: WHITE - Returned to Client with Report; BINARY - Stays with the Sample; PINK - Field Copy



ANALYTICAL REPORT

Job#: A03-6518

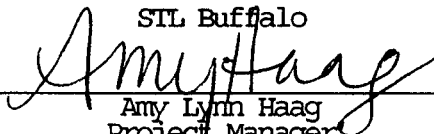
STL Project#: NY0A8653

Site Name: URS CORPORATION

Task: GE Tonawanda PCB Storage Area

Karen Peppin
URS Dames & Moore
646 Plank Road, Suite 202
Clifton Park, NY 12065

STL Buffalo


Amy Lynn Haag
Project Manager

07/15/2003

Severn Trent Laboratories, Inc.

STL Buffalo • 10 Hazelwood Drive, Suite 106, Amherst, NY 14228

Tel 716 691 2600 Fax 716 691 7991 • www.st-inc.com

SAMPLE SUMMARY

<u>LAB SAMPLE ID</u>	<u>CLIENT SAMPLE ID</u>	<u>SAMPLED</u>		<u>RECEIVED</u>	
		<u>DATE</u>	<u>TIME</u>	<u>DATE</u>	<u>TIME</u>
A3651802	TB-14-AB-W	07/09/2003	13:10	07/09/2003	13:45
A3651801	TB-14-AI-W	07/09/2003	13:00	07/09/2003	13:45
A3651804	TB-14-Q-W	07/09/2003	13:30	07/09/2003	13:45
A3651803	TB-14-W-W	07/09/2003	13:20	07/09/2003	13:45

METHODS SUMMARY

Job#: A03-6518STL Project#: NY0A8653Site Name: URS CORPORATION

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS	SW8463 8082W

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

NON-CONFORMANCE SUMMARY

Job#: A03-6518STL Project#: NY0A8653
Site Name: URS CORPORATIONGeneral Comments

The enclosed data have been reported utilizing data qualifiers (Q) as defined on the Data Comment Page.

Soil, sediment and sludge sample results are reported on "dry weight" basis unless otherwise noted in this data package.

According to 40CFR Part 136.3, pH, Chlorine Residual and Dissolved Oxygen analyses are to be performed immediately after aqueous sample collection. When these parameters are not indicated as field (e.g. pH-Field), they were not analyzed immediately, but as soon as possible after laboratory receipt.

Sample dilutions were performed as indicated on the attached Dilution Log. The rationale for dilution is specified by the 3-digit code and definition.

Sample Receipt Comments

A03-6518

Sample Cooler(s) were received at the following temperature(s); 9.0 °C

Sample(s) were received at a temperature of 9.0°C. However, ice was present in the cooler and as the samples were collected the same day, it was not possible for the samples to cool to 4°C prior to receipt. There is no impact on the data.

GC Extractable Data

For method 8082, the field samples required dilution prior to analysis due to the high concentration of target analytes. The surrogates are diluted out of all sample extracts with a dilution factor of 10X or greater.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

Date: 07/15/2003
Time: 10:21:53

Dilution Log w/Code Information
For Job A03-6518

5\17 Page: 1
Rept: AN1266R

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
TB-14-A1-W	A3651801	8082W	10.00	008
TB-14-AB-W	A3651802	8082W	10.00	008
TB-14-W-W	A3651803	8082W	10.00	008
TB-14-Q-W	A3651804	8082W	10.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Sample Data Package

Date: 07/15/2003

Time: 10:20

URS CORPORATION

6E Tonawanda Storage Area

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Job No: AN0326

Client ID	Lab ID	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016		UG/WIPE	ND	5.0	ND	5.0	ND	5.0
Aroclor 1221		UG/WIPE	ND	5.0	ND	5.0	ND	5.0
Aroclor 1232		UG/WIPE	ND	5.0	ND	5.0	ND	5.0
Aroclor 1242		UG/WIPE	ND	5.0	ND	5.0	ND	5.0
Aroclor 1248		UG/WIPE	ND	5.0	ND	5.0	ND	5.0
Aroclor 1254		UG/WIPE	6.5	5.0	10	5.0	9.3	5.0
Aroclor 1260		UG/WIPE	15	5.0	33	5.0	26	5.0
---SURROGATE(S)---								
Tetrachloro-m-xylene		%	0.0	32-148	0.0	32-148	0.0	32-148
Decachlorobiphenyl		%	0.0	36-153	0.0	36-153	0.0	36-153

Chronology and QC
Summary Package

Date: 07/15/2003
 Time: 10:2

URS CORPORATION
 GE Tonawanda Storage Area
 METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

AT: AN0326

Client ID	Lab ID	Method Blank	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No		A03-6518	A3B0749103						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/WIPE	ND	0.50	NA		NA		NA	
SURROGATE(S)									
Tetrachloro-m-xylene	%	92	32-148	NA		NA		NA	
Decachlorobiphenyl	%	99	36-153	NA		NA		NA	

10\17

NA = Not Applicable ND = Not Detected

STL Buffalo

Date: 07/15/2003
Time: 10:22:12

URS CORPORATION
GE Tonawanda PCB Storage Area
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A03-6518 A380749101	Matrix Spike Blk Dup A03-6518 A380749102	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Analyte	Units	Sample Value	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value
Aroclor 1016	UG/WIPE	ND	ND	0.50	ND	0.50	NA		NA
Aroclor 1221	UG/WIPE	ND	ND	0.50	ND	0.50	NA		NA
Aroclor 1232	UG/WIPE	ND	ND	0.50	ND	0.50	NA		NA
Aroclor 1242	UG/WIPE	ND	ND	0.50	ND	0.50	NA		NA
Aroclor 1248	UG/WIPE	ND	ND	0.50	ND	0.50	NA		NA
Aroclor 1254	UG/WIPE	4.6	4.4	0.50	4.4	0.50	NA		NA
Aroclor 1260	UG/WIPE	ND	ND	0.50	ND	0.50	NA		NA
<u>SURROGATE(S)</u>									
Tetrachloro-m-xylene	%	92	86	32-148	86	32-148	NA		NA
Decachlorobiphenyl	%	98	90	36-153	90	36-153	NA		NA

1117

Date : 07/15/03 10:22:25

U R S CORPORATION

pt: AN0364

Client Sample ID: Method Blank
Lab Sample ID: A380749103

Matrix Spike Blank
A380749101

Matrix Spike Blk Dup
A380749102

Analyte	Units of Measure	Concentration		% Recovery			QC LIMITS RPD REC.
		Spike Blank	Spike Blank Dup	SB	SBD	Avg	
METHOD 8082 WIPES - POLYCHLORINATED BIPH Aroclor 1254	UG/WIPE	4.60	4.44	92	89	91	30.0 52-153

12/17

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

STL Buffalo

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	TB-14-AB-W A03-6518 A3651802	TB-14-AI-W A03-6518 A3651801	TB-14-Q-W A03-6518 A3651804	TB-14-V-W A03-6518 A3651803
Sample Date	07/09/2003 13:10	07/09/2003 13:00	07/09/2003 13:30	07/09/2003 13:20
Received Date	07/09/2003 13:45	07/09/2003 13:45	07/09/2003 13:45	07/09/2003 13:45
Extraction Date	07/10/2003 15:00	07/10/2003 15:00	07/10/2003 15:00	07/10/2003 15:00
Analysis Date	07/11/2003 12:25	07/11/2003 11:57	07/11/2003 13:20	07/11/2003 12:52
Extraction HT Met?	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES
Sample Matrix	WIPE	WIPE	WIPE	WIPE
Dilution Factor	10.0	10.0	10.0	10.0
Sample wt/vol	1.0 GRAMS	1.0 GRAMS	1.0 GRAMS	1.0 GRAMS
% Dry	100.00	100.00	100.00	100.00

Date: 07/15/2003
 Time: 10:22

U R S C
 QC SAMPLING

U: AN0374
 J: 2

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A03-6518 A380749101	Matrix Spike Blk Dup A03-6518 A380749102
Sample Date Received Date Extraction Date Analysis Date Extraction HI Met? Analytical HI Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	07/10/2003 15:00 07/11/2003 10:34 - - SOIL LOW 1.0 1.0 GRAMS 100.00	07/10/2003 15:00 07/11/2003 11:02 - - SOIL LOW 1.0 1.0 GRAMS 100.00

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A03-6518 A380749103			
Sample Date				
Received Date	07/10/2003 15:00			
Extraction Date	07/11/2003 11:29			
Analysis Date	-			
Extraction HT Met?	-			
Analytical HT Met?	-			
Sample Matrix	SOIL	LOW		
Dilution Factor	1.0			
Sample wt/vol	1.0	GRAMS		
% Dry	100.00			

1517

Chain of Custody

Chain of Custody Record

STL-4124 (0901)

Client: **UES Corp** Project Manager: **MARK Colman (Buy Contact)** Chain of Custody Number: **113015**
 Address: **640 Ellicott St (Buffalo NY)** Telephone Number (Area Code)/Fax Number: **716 830-5230** Lab Number: **7-9-03**
 City: **Buffalo NY** State: **NY** Zip Code: **14201** Site Contact: **M. Colman** Lab Contact: **Amy Haag** Page: **1** of **1**

Project Name and Location (State): **GE TONAWANDA, NY** Carrier/Maybill Number: **716 830-5230**
 Contract/Purchase Order/Quote No.:

Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix					Containers & Preservatives					Special Instructions/ Conditions of Receipt			
			Aqueous	Sed	Sol	Wipe	Unpres.	H2SO4	HNO3	HCl	NaOH	ZnAc/NaOH				
TB-14-AI-W	7-9-03	13:00				X										
TB-14-AB-W	↓	13:10				X										
TB-14-W-W		13:20				X										
TB-14-Q-W		13:30				X										

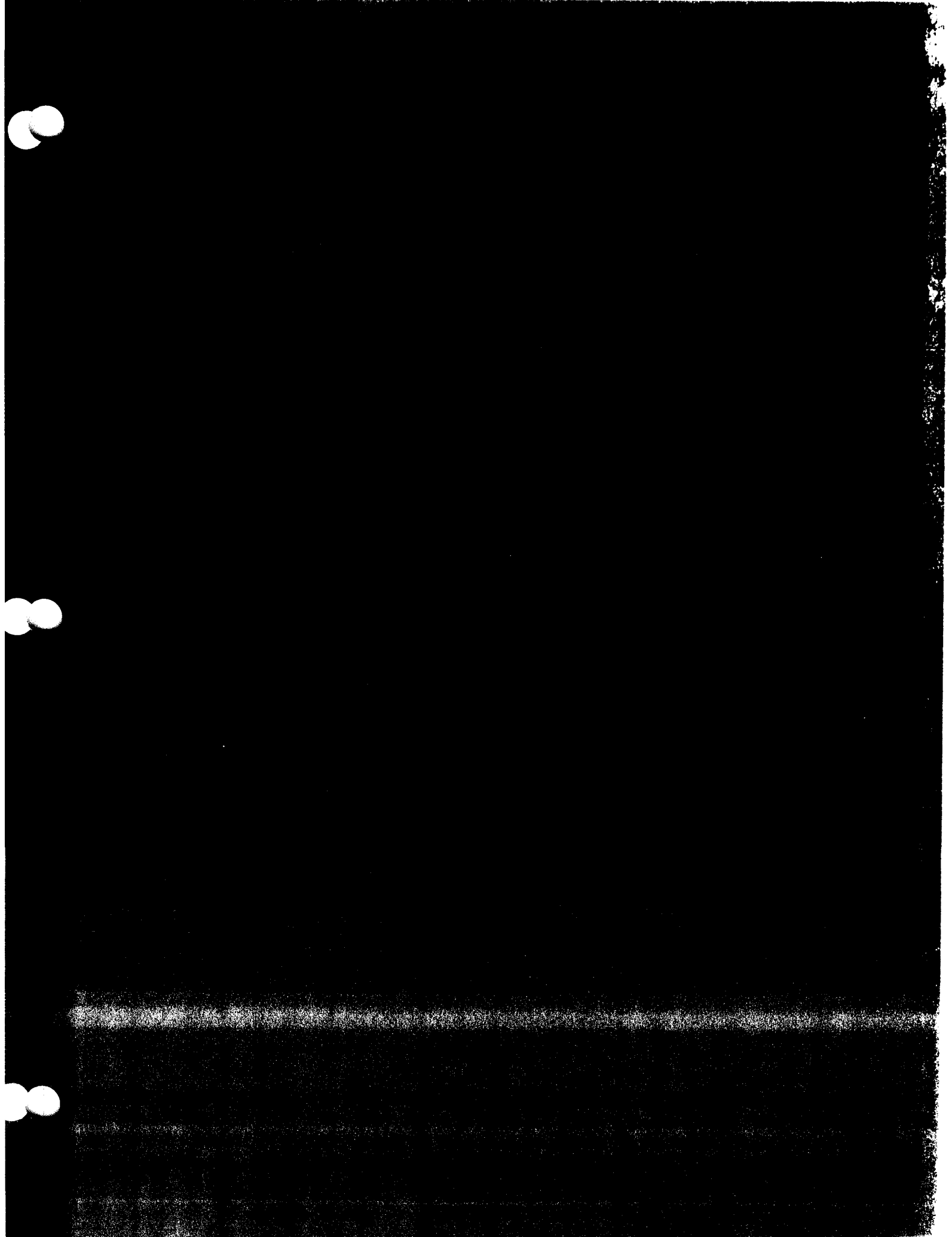
Possible Hazard Identification:
 Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Archive For _____ Months Disposal By Lab (A fee may be assessed if samples are retained longer than 1 month)

Turn Around Time Required:
 24 Hours 48 Hours 7 Days 14 Days 21 Days Other: **1 week per contract**

QC Requirements (Specify):

1. Relinquished By: **[Signature]** Date: **7-9-03** Time: **13:45**
 2. Relinquished By: **[Signature]** Date: **7-9-03** Time: **13:45**
 3. Relinquished By: _____ Date: _____ Time: _____

Comments: **Delivered on ice per specs - 4 - Hot glass jars for PCB Analysis.**
 DISTRIBUTION: WHITE - Returned to Client with Report. CANARY - Stays with the Sample. PINK - Field Copy





1/17
STL

STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A04-2784

STL Project#: NY0A8653.1
Site Name: URS CORPORATION
Task: GE Tonawanda, NY

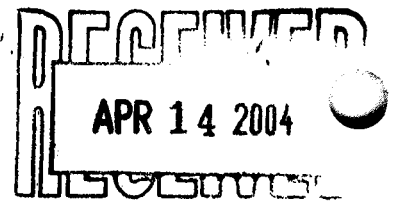
Karen Peppin
URS Dames & Moore
646 Plank Road, Suite 202
Clifton Park, NY 12065

STL Buffalo



Amy Lynn Haag
Project Manager

04/08/2004



STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	2970
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA, RCRA	C254
West Virginia	CWA	252
Wisconsin	CWA, RCRA	998310390
Wyoming UST	UST	NA

METHODS SUMMARY

Job#: A04-2784STL Project#: NY0A8653.1Site Name: URS CORPORATION

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS	SW8463 8082W

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
S1-TILEWIPE1	A4278401	8082W	10.00	008
S1-FLOORWIPE1	A4278402	8082W	20.00	008
S1-TILEWIPE2	A4278403	8082W	2.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

Sample Data Package

Chronology and QC
Summary Package

Client Sample ID: Method Blank
 Lab Sample ID: A480774103

Matrix Spike Blank
 A480774101

Matrix Spike Blk Dup
 A480774102

Analyte	Units of Measure	Concentration			Spike Amount			% Recovery			QC LIMITS	
		Spike Blank	Spike Blank Dup	SBD	SB	SBD	Avg	SB	SBD	Avg	RPD	REC.
METHOD 8082 WIPES - POLYCHLORINATED BIPH Aroclor 1254	UG/WIPE	4.85	4.31	5.00	5.00	5.00	97	86	92	12	30.0	52-153

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

Date: 04/08/2004
 Time: 08:17:24

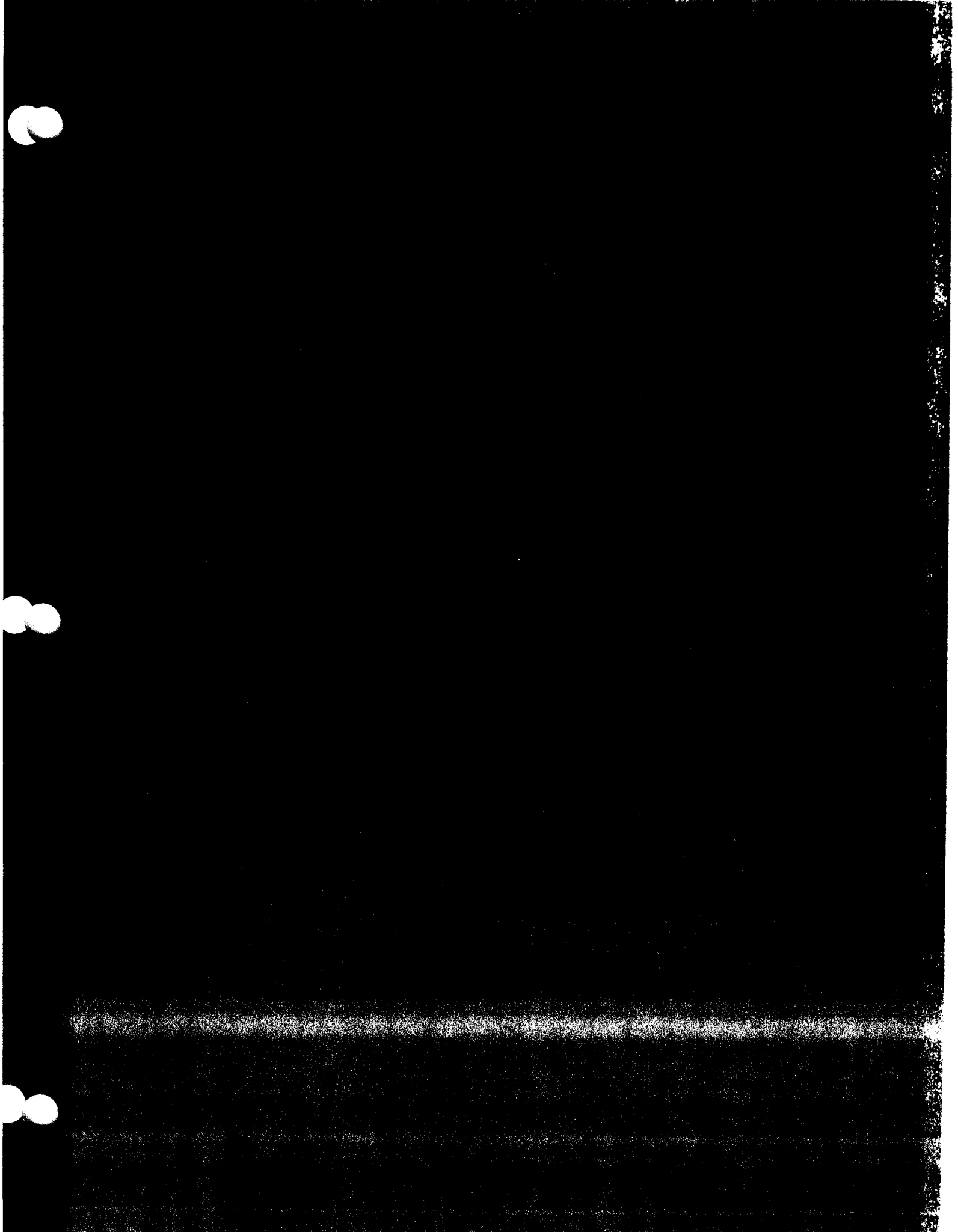
U R S COR TION
 SAMPLE JLOGY

pt: AM1248
 ge: 2

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	S3-TILEWIPE2 A04-2784 A4278406	S3-TILEWIPE3 A04-2784 A4278407	
Sample Date	03/31/2004 15:20	03/31/2004 15:25	
Received Date	03/31/2004 15:50	03/31/2004 15:50	
Extraction Date	04/01/2004 16:00	04/01/2004 16:00	
Analysis Date	04/06/2004 11:27	04/06/2004 11:40	
Extraction HT Met?	YES	YES	
Analytical HT Met?	YES	YES	
Sample Matrix	WIPE	WIPE	
Dilution Factor	1.0	1.0	
Sample wt/vol	1.0 GRAMS	1.0 GRAMS	
% Dry	100.00	100.00	

Chain of Custody



**STL Buffalo**10 Hazelwood Drive, Suite 106
Amherst, NY 14228Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

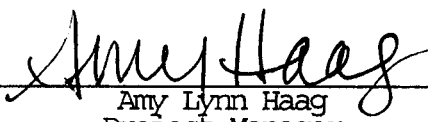
ANALYTICAL REPORT

Job#: A04-2425

STL Project#: NY0A8653.1

Site Name: URS CORPORATIONTask: GE Tonawanda, NYKaren Peppin
URS Dames & Moore
646 Plank Road, Suite 202
Clifton Park, NY 12065

STL Buffalo



Amy Lynn Haag
Project Manager

03/27/2004

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP CWA, RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	SDWA, CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
Tennessee	SDWA	2970
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA, RCRA	C254
West Virginia	CWA	252
Wisconsin	CWA, RCRA	998310390
Wyoming UST	UST	NA

METHODS SUMMARY

Job#: A04-2425STL Project#: NY0A8653.1Site Name: URS CORPORATION

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS	SW8463 8082W

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
S4-GRNDPLT-WP-032304	A4242501	8082W	10.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

Sample Data Package

Chronology and QC
Summary Package

Client Sample ID: Method Blank
 Lab Sample ID: A4B0728903

Matrix Spike Blank
 A4B0728901

Matrix Spike Blk Dup
 A4B0728902

Analyte	Units of Measure	Concentration		Spike Amount		% Recovery			QC LIMITS RPD REC.		
		Spike Blank	Spike Blank Dup	SB	SBD	SB	SBD	Avg			
METHOD 8082 WIPES - POLYCHLORINATED BIPH Aroclor 1254	UG/WIPE	3.90	4.41	5.00	5.00	78	88	83	12	30.0	52-153

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

Date: 03/27/200
 Time: 10:31:50

U R S COF
 QC SAMPLE

pt: AN1248
 ge: 2

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A04-2425 A4B0728903			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	03/24/2004 07:00 03/25/2004 15:34 - - WIPE 1.0 1.0 100.00 GRAMS			

**SEVERN
TRENT
SERVICES**

Severn Trent Laboratories, Inc.

**Chain of
Custody Record**

STL-4124 (0700)

Client: **URS**
 Address: **640 Elliott St**
 City: **Buffalo** State: **NY** Zip Code: **14203**
 Project Name and Location (State): **GETONAWANDA, NY**
 Contract/Purchase Order/Quote No.: _____

Project Manager: **Mark Colmerucci, URS Gilt** Date: **3-23-04** Chain of Custody Number: **014883**
 Telephone Number (Area Code)/Fax Number: **716 552-5700** Lab Number: _____ Page **1** of **1**

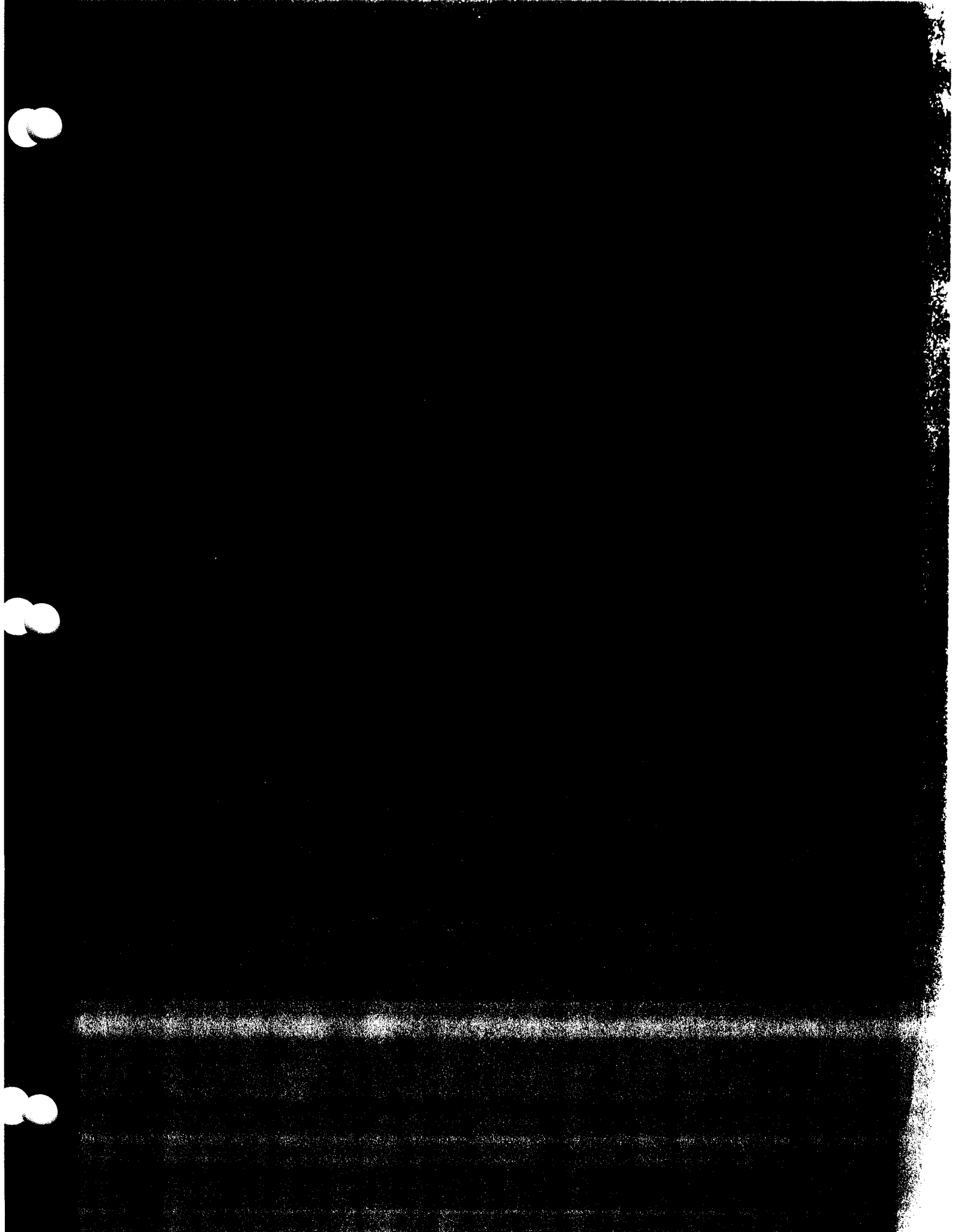
Sample I.D. No. and Description (Containers for each sample may be combined on one line)	Date	Time	Matrix			Containers & Preservatives					Analysis (Attach list if more space is needed)	Special Instructions/ Conditions of Receipt	
			Air	Sol	Soil	Unpres	H2SO4	HNO3	HCl	NaOH			ZnAc/NaOH
34-GROUNDPLATE WIFE-032304	3-23-04	12:10				<input checked="" type="checkbox"/>							

Possible Hazard Identification: Non-Hazard Flammable Skin Irritant Poison B Unknown Return To Client Disposal By Lab Archive For _____ Months (A fee may be assessed if samples are retained longer than 3 months)

Turn Around Time Required: 24 Hours 48 Hours 7 Days 14 Days 21 Days Other _____

1. Relinquished By: **[Signature]** Date: **3-23-04** Time: **1350**
 2. Relinquished By: **[Signature]** Date: _____ Time: _____
 3. Relinquished By: _____ Date: _____ Time: _____

Comments: **18.0°C, No ICE**





STL

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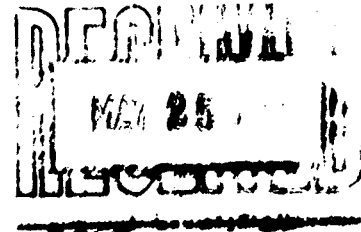
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

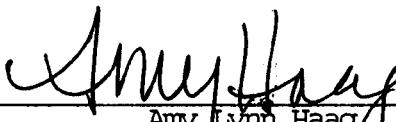
Job#: A04-4577

STL Project#: NY0A8653.1
Site Name: URS CORPORATION
Task: GE Tonawanda, NY



Karen Peppin
URS Dames & Moore
646 Plank Road, Suite 202
Clifton Park, NY 12065

STL Buffalo



Amy Lynn Haag
Project Manager

05/19/2004

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
A2LA (ISO 17025)	SDWA, CWA, RCRA	0732-01
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Canada	GENERAL	SCC 1007-15/10B
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SWCS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-4650
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390
Wyoming UST	UST	NA

METHODS SUMMARY

Job#: A04-4577STL Project#: NY0A8653.1Site Name: URS CORPORATION

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS	SW8463 8082W

References:

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Date: 05/19/2004
 Time: 10:41:19

URS CORPOP 'ON
 GE Tonawan NY
 METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

t: AN0326

Client ID	Lab ID	Method Blank	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Job No		A04-4577	A480984903						
Sample Date									
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1221	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1232	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1242	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1248	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1254	UG/WIPE	ND	0.50	NA		NA		NA	
Aroclor 1260	UG/WIPE	ND	0.50	NA		NA		NA	
---SURROGATE(S)---									
Tetrachloro-m-xylene	%	78	32-148	NA		NA		NA	
Decachlorobiphenyl	%	84	36-153	NA		NA		NA	

8/15

NA = Not Applicable ND = Not Detected

STL Buffalo

Client Sample ID: Method Blank
 Lab Sample ID: A4B0984903
 Matrix Spike Blank
 A4B0984901

Matrix Spike Blk Dup
 A4B0984902

Analyte	Units of Measure	Concentration			Spike Amount		% Recovery			QC LIMITS	
		Spike Blank	Spike Blank Dup	SB	SBD	Avg	SB	SBD	Avg	RPD	REC.
METHOD 8082 WIPES - POLYCHLORINATED BIPH Aroclor 1254	UG/WIPE	4.02	4.12	5.00	5.00	80	82	81	2	30.0	52-153

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

Date: 05/19/2004
 Time: 10:41:44

U R S CORPC ION
 GC SAMPLE Ch LOGY

t: AN0374
 e: 2

METHOD 8082 WIPES - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Matrix Spike Blank A04-4577 A480984901	Matrix Spike Blk Dup A04-4577 A480984902		
Sample Date				
Received Date	05/17/2004 12:00	05/17/2004 12:00		
Extraction Date	05/18/2004 08:57	05/18/2004 09:09		
Analysis Date	-	-		
Extraction HT Met?	-	-		
Analytical HT Met?	-	-		
Sample Matrix	WIPE	WIPE		
Dilution Factor	1.0	1.0		
Sample wt/vol	1.0 GRAMS	1.0 GRAMS		
% Dry	100.00	100.00		

12\15

Chain of Custody



DEC 15 2004

1/30
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STL Buffalo
10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A04-B958, A04-C033, A04-C068

STL Project#: NY0A8653

SDG#: PCB

Site Name: URS CORPORATION

Task: GE Tonawanda PCB Storage Area

Karen Peppin
URS Dames & Moore
646 Plank Road, Suite 202
Clifton Park, NY 12065

STL Buffalo



Amy Lynn Haag
Project Manager

12/08/2004

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

METHODS SUMMARY

Job#: A04-B958,A04-C033,A04-C068STL Project#: NY0A8653SDG#: PCBSite Name: URS CORPORATION

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

For method 8082, the recoveries and the relative percent difference for sample CONF-6-B-AC Matrix Spike and the Matrix Spike duplicate exceeded quality control limits for several compounds, though the Matrix Spike Blank recoveries are compliant, no action necessary.

The results presented in this report relate only to the analytical testing and condition of the sample at receipt. This report pertains to only those samples actually tested. All pages of this report are integral parts of the analytical data. Therefore, this report should be reproduced only in its entirety.

DATA COMMENT PAGE

ORGANIC DATA QUALIFIERS

- ND or U Indicates compound was analyzed for, but not detected at or above the reporting limit.
- J Indicates an estimated value. This flag is used either when estimating a concentration for tentatively identified compounds where a 1:1 response is assumed, or when the data indicates the presence of a compound that meets the identification criteria but the result is less than the sample quantitation limit but greater than zero.
- C This flag applies to pesticide results where the identification has been confirmed by GC/MS.
- B This flag is used when the analyte is found in the associated blank, as well as in the sample.
- E This flag identifies compounds whose concentrations exceed the calibration range of the instrument for that specific analysis.
- D This flag identifies all compounds identified in an analysis at the secondary dilution factor.
- N Indicates presumptive evidence of a compound. This flag is used only for tentatively identified compounds, where the identification is based on the Mass Spectral library search. It is applied to all TIC results.
- P This flag is used for a pesticide/Aroclor target analyte when there is greater than 25% difference for detected concentrations between the two GC columns. The lower of the two values is reported on the data page and flagged with a "P".
- A This flag indicates that a TIC is a suspected aldol-condensation product.
- 1 Indicates coelution.
- * Indicates analysis is not within the quality control limits.

INORGANIC DATA QUALIFIERS

- ND or U Indicates element was analyzed for, but not detected at or above the reporting limit.
- J or B Indicates a value greater than or equal to the instrument detection limit, but less than the quantitation limit.
- N Indicates spike sample recovery is not within the quality control limits.
- K Indicates the post digestion spike recovery is not within the quality control limits.
- S Indicates value determined by the Method of Standard Addition.
- M Indicates duplicate injection results exceeded quality control limits.
- W Post digestion spike for Furnace AA analysis is out of quality control limits (85-115%) while sample absorbance is less than 50% of spike absorbance.
- E Indicates a value estimated or not reported due to the presence of interferences.
- H Indicates analytical holding time exceedance. The value obtained should be considered an estimate.
- * Indicates analysis is not within the quality control limits.
- + Indicates the correlation coefficient for the Method of Standard Addition is less than 0.995.

Client ID	Lab ID	CONF-1-B-AC A04-B958 12/02/2004	A4895806	CONF-1-D-AC A04-B958 12/02/2004	A4895805	CONF-3-E-AC A04-B958 12/02/2004	A4895804	CONF-4-B-AC A04-C033 12/03/2004	A4C03304
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	0.097 J	0.50	0.51	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	0.18 J	0.50	ND	0.50	11	0.50	ND	0.50
Aroclor 1254	MG/KG	3.5	0.50	1.4	0.50	ND	0.50	ND	0.50
Aroclor 1260	MG/KG	3.3	0.50	ND	0.50	13	0.50	ND	0.50
---SURROGATE(S)---									
Tetrachloro-m-xylene	%	103	32-148	113	32-148	75	32-148	104	32-148
Decachlorobiphenyl	%	101	36-153	108	36-153	60	36-153	55	36-153

Client ID	Lab ID	CONF-5-E-AC A04-B958 12/02/2004	A4895803	CONF-6-B-AC A04-C068 12/04/2004	A4C06801	CONF-7-E-AC A04-C033 12/03/2004	A4C03302	CONF-AC-1 A04-C033 12/03/2004	A4C03305
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	1.7	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	ND	0.50	0.070 J	0.50	ND	0.50	ND	0.50
Aroclor 1260	MG/KG	5.8	0.50	0.028 J	0.50	ND	0.50	ND	0.50
---SURROGATE(S)---									
Tetrachloro-m-xylene	%	108	32-148	71	32-148	82	32-148	94	32-148
Decachlorobiphenyl	%	112	36-153	68	36-153	58	36-153	52	36-153

Chronology and QC
Summary Package

Date: 12/08/2004
Time: 15:45:44

URS CORPORATION
GE Tonawanda PCB Storage Area
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID	Lab ID	CONF-3-E-AC MS A04-B958 12/02/2004	A4B95804MS	CONF-3-E-AC SD A04-B958 12/02/2004	A4B95804SD	CONF-6-B-AC A04-C068 12/04/2004	A4C06801MS	CONF-6-B-AC A04-C068 12/04/2004	A4C06801SD
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	6.5	0.50	14	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	ND	0.50	ND	0.50	0.14 J	0.50	0.14 J	0.50
Aroclor 1260	MG/KG	7.8	0.50	17	0.50	0.036 J	0.50	0.049 J	0.50
SURROGATE(S)									
Tetrachloro-m-xylene	%	80	32-148	85	32-148	73	32-148	70	32-148
Decachlorobiphenyl	%	45	36-153	85	36-153	71	36-153	74	36-153

Client ID	Lab ID	CONF-AC-5 A04-C033 12/03/2004	A4C03301MS	CONF-AC-5 A04-C033 12/03/2004	A4C03301SD	Matrix Spike Blank A04-B958	A4B2030701	Matrix Spike Blank A04-C033	A4B2036501
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1221	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1232	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1242	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1248	MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50
Aroclor 1254	MG/KG	2.2	0.50	2.4	0.50	2.2	0.50	2.0	0.50
Aroclor 1260	MG/KG	0.71	0.50	0.76	0.50	ND	0.50	ND	0.50
SURROGATE(S)									
Tetrachloro-m-xylene	%	102	32-148	100	32-148	122	32-148	110	32-148
Decachlorobiphenyl	%	65	36-153	62	36-153	112	36-153	85	36-153

14/30

SDG: PCB
 Client Sample ID: CONF-6-B-AC
 Lab Sample ID: A4C06801
 CONF-6-B-AC
 A4C06801MS
 CONF-6-B-AC
 A4C06801SD

Analyte	Units of Measure	Sample	Concentration			% Recovery			QC LIMITS RPD REC.
			Matrix Spike	Spike Duplicate	Spike Amount MSD	MS	MSD	AVG	
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	0.0697	0.138	0.145	0.162	42 *	46 *	44	30.0 52-153

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

SDG: PCB
Client Sample ID: Method Blank
Lab Sample ID: A4B2030702

Matrix Spike Blank
A4B2030701

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	2.20	2.42	91	52-153

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

SDG: PCB
Client Sample ID: Method Blank
Lab Sample ID: A4B2040102
Matrix Spike Blank
A4B2040101

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
METHOD 8082 - POLYCHLORINATED BIPHENYLS Aroclor 1254	MG/KG	0.187	0.163	114	52-153

* Indicates Result is outside QC Limits
NC = Not Calculated ND = Not Detected

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID	CONF-6-B-AC	CONF-7-E-AC	CONF-AC-1	CONF-AC-2	CONF-AC-3
Job No & Lab Sample ID	A04-C068 A4C06801	A04-C033 A4C03302	A04-C033 A4C03305	A04-B958 A4895801	A04-C068 A4C06802
Sample Date	12/04/2004 10:10	12/03/2004 08:45	12/03/2004 14:55	12/02/2004 12:05	12/04/2004 11:30
Received Date	12/04/2004 12:20	12/03/2004 16:01	12/03/2004 16:01	12/02/2004 16:15	12/04/2004 12:20
Extraction Date	12/04/2004 12:00	12/03/2004 19:00	12/03/2004 19:00	12/03/2004 07:00	12/04/2004 12:00
Analysis Date	12/06/2004 11:41	12/06/2004 13:31	12/06/2004 14:09	12/03/2004 12:55	12/06/2004 12:19
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol	30.8	2.25	2.21	2.18	30.18
% Dry	100.00	96.40	99.17	100.00	98.72
		GRAMS	GRAMS	GRAMS	GRAMS
		MED	MED	MED	MED

Date: 12/08/2004
Time: 15:46:14

U R S CORPORATION
QC SAMPLE LOG

Rept: AN0374
: 4

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	CONF-3-E-AC MS A04-B958 A4B95804MS	CONF-3-E-AC SD A04-B958 A4B95804SD	CONF-6-B-AC A04-C068 A4C06801MS	CONF-6-B-AC A04-C068 A4C06801SD	CONF-AC-5 A04-C033 A4C03301MS
Sample Date	12/02/2004 12:35	12/02/2004 12:35	12/04/2004 10:10	12/04/2004 10:10	12/03/2004 08:30
Received Date	12/02/2004 16:15	12/02/2004 16:15	12/04/2004 12:20	12/04/2004 12:20	12/03/2004 16:01
Extraction Date	12/03/2004 07:00	12/03/2004 07:00	12/04/2004 12:00	12/04/2004 12:00	12/03/2004 19:00
Analysis Date	12/03/2004 13:45	12/03/2004 13:57	12/06/2004 11:54	12/06/2004 12:06	12/06/2004 13:06
Extraction HT Met?	YES	YES	YES	YES	YES
Analytical HT Met?	YES	YES	YES	YES	YES
Sample Matrix	SOIL	SOIL	SOIL	SOIL	SOIL
Dilution Factor	10.0	10.0	1.0	1.0	1.0
Sample wt/vol	2.48	2.59	30.86	30.85	2.58
% Dry	93.33	93.33	100.00	100.00	97.69

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A04-B958 A4B2030702	Method Blank A04-C033 A4B2036502	Method Blank A04-C068 A4B2040102
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	12/03/2004 07:00 12/03/2004 14:47 - - SOIL MED 1.0 2.44 100.00	12/03/2004 19:00 12/06/2004 12:11 - - SOIL MED 1.0 2.31 100.00	12/04/2004 12:00 12/06/2004 11:29 - - SOIL MED 1.0 30.35 100.00

CHAIN OF CUSTODY RECORD

URS

LAB STC-Buffalo
 COOLER 1 of 1
 PAGE 1 of 1

IO. 179.00000
 (PRINT/SIGNATURE)
 WEARE Ken Miller

SITE NAME
GE - TANAWANDA

DATE	TIME	COMPI GRAB	SAMPLE ID	MATRIX	TOTAL NO. # OF CONTAINERS	REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. # (IF APPL)	TESTS	
											RB	RB
12/14/04	10:10	G	CONF-6-B-AC	AC	1	Hold Sample.						
	10:25		CONF-8-B-AC	AC	1	Hold Sample.						
	10:35		EB-120404	WB	2	Hold Sample.						
	10:45		CONF-AC-6	AC	1	Hold Sample.						
	11:00		CONF-9-E-AC	AC	1	Hold Sample.						
	11:15		CONF-11-E-AC	AC	1	Hold Sample.						
	11:30		CONF-AC-3	AC	1	Hold Sample.						
	11:40		CONF-10-B-AC	AC	1	Hold Sample.						

SERVICE: Dep ORR AIRBILL NO.: _____

DATE: 12/14/04 TIME: 12:40 RECEIVED BY (SIGNATURE): [Signature]

DATE: 12/14/04 TIME: 12:00 RECEIVED FOR LAB BY (SIGNATURE): [Signature]

DATE: _____ TIME: _____

DATE: _____ TIME: _____

Original accompanies shipment, copy to coordinator field files

340c

Hold remaining Samples (4).

AA - AMBIENT AIR
 SE - SEDIMENT
 SH - HAZARDOUS SOLID WASTE
 TB# - TRIP BLANK
 SD# - MATRIX SPIKE DUPLICATE
 FR# - FIELD REPLICATE
 SL - SLUDGE
 WP - DRINKING WATER
 WW - WASTE WATER
 RB# - RINSE BLANK
 FR# - FIELD REPLICATE
 WG - GROUND WATER
 SO - SOIL
 DC - DRILL CUTTINGS
 N# - NORMAL ENVIRONMENTAL SAMPLE
 M# - MATRIX SPIKE
 WL - LEACHATE
 GS - SOIL GAS
 WC - DRILLING WATER
 WO - OCEAN WATER
 WS - SURFACE WATER
 WW - WATER FIELD OC
 LH - HAZARDOUS LIQUID WASTE
 LF - FLOATING-FREE PRODUCT ON GW TABLE
 AC - ANALYST CHIP

SPECIAL INSTRUCTIONS
 CONF-6-B-AC
 CONF-8-B-AC
 CONF-11-E-AC
 CONF-10-B-AC
 24 has been found on sample CONF-AC-3
 standard rules found on Equipment
 Blank.

- SEQUENTIAL NUMBER (FROM 1 TO #) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY

CHAIN OF CUSTODY RECORD

PROJECT NO.

38394179.0000

SITE NAME

GE-TONAWANDA

SAMPLERS (PRINT/SIGNATURE)

S. MILABE / S. M. WELCH

DELIVERY SERVICE: Drop Off AIRBILL NO.:

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	REMARKS	SAMPLE TYPE	BEGINNING	
										AA - AMBIENT AIR
AK-2	12/2/04	1205	G	CONF-AC-Z	AS	1				
AK-B		1210		CONF-AC-B		1				
5-E		1220		CONF-5-E-AC		1				
3-E		1235		CONF-3-E-AC		1				
1-D		1250		CONF-1-D-AC		1				
1-B		1310		CONF-1-B-AC		1				
Equipment		1330		EB-120204	WQ	2				

LAB SIL-BUFFER
 COOLER 1 of 1
 PAGE 1 of 1

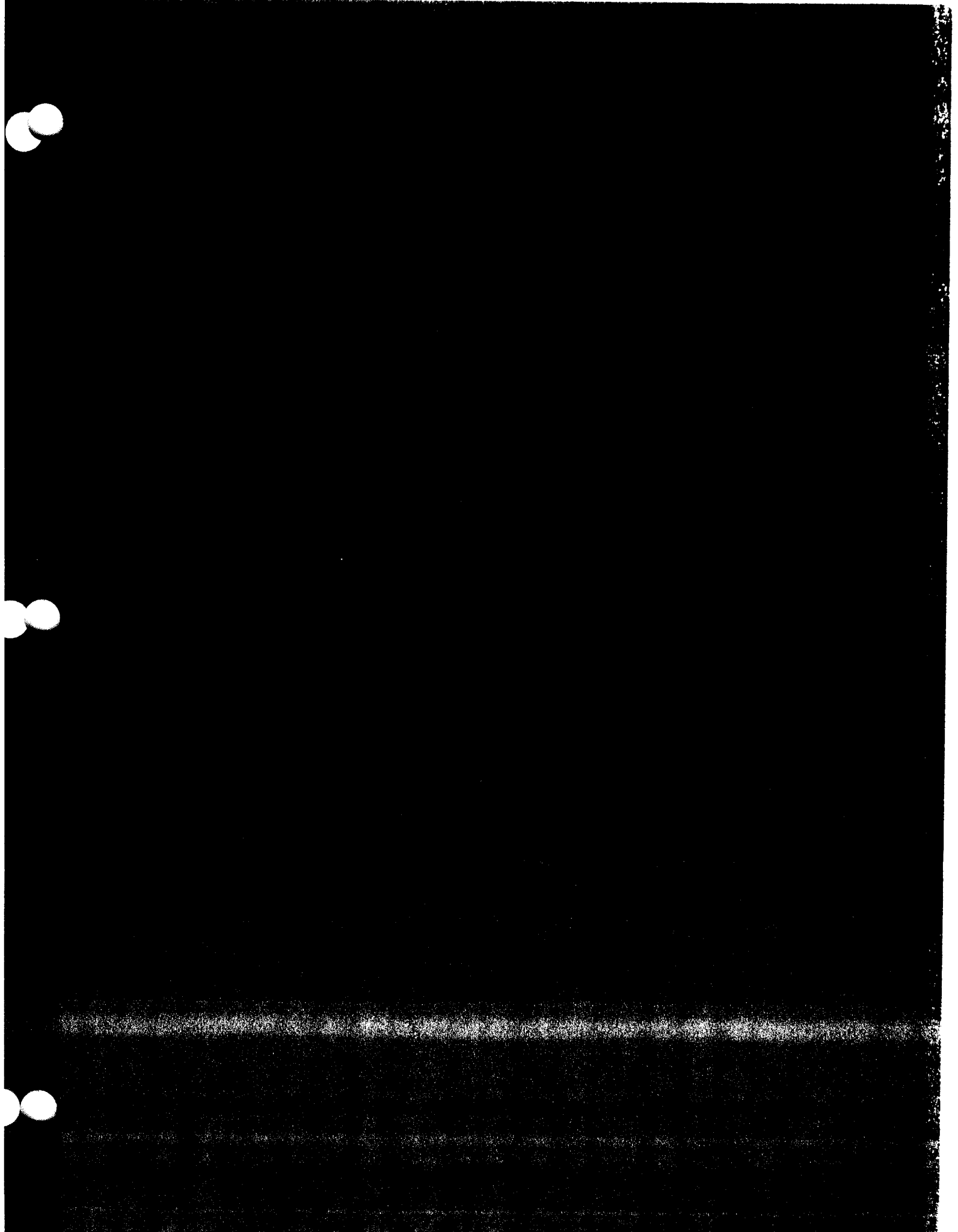
DATE 12/2/04 TIME 16:15
 DATE 12/2/04 TIME 16:15

RECEIVED BY (SIGNATURE) [Signature]
 RECEIVED FOR LAB BY (SIGNATURE) [Signature]

DATE 12/2/04 TIME 16:15
 DATE 12/2/04 TIME 16:15

RELINQUISHED BY (SIGNATURE) [Signature]
 RELINQUISHED BY (SIGNATURE) [Signature]

Distribution: Original accompanies shipment, copy to coordinator field files 6.0°C



1/22

SEVERN
TRENT

STL

STL Buffalo

10 Hazelwood Drive, Suite 106
Amherst, NY 14228

Tel: 716 691 2600 Fax: 716 691 7991
www.stl-inc.com

ANALYTICAL REPORT

Job#: A04-B957, A04-C034, A04-C090

STL Project#: NY0A8653

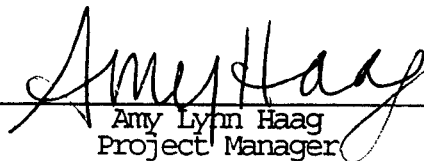
SDG#: PCBH2O

Site Name: URS CORPORATION

Task: GE Tonawanda PCB Storage Area

Karen Peppin
URS Dames & Moore
646 Plank Road, Suite 202
Clifton Park, NY 12065

STL Buffalo


Amy Lynn Haag
Project Manager

12/21/2004

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

METHODS SUMMARY

Job#: A04-B957, A04-C034, A04-C090STL Project#: NY0A8653SDG#: PCBH2OSite Name: URS CORPORATION

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
URS Consultants METHOD 8082 - PCB'S	SW8463 8082

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

Sample Data Package

**Chronology and QC
Summary Package**

Client ID Job No Sample Date	Lab ID	EB-120304 A04-C034 12/03/2004	A4C03401MS	EB-120304 A04-C034 12/03/2004	A4C03401SD	Matrix Spike Blank A04-B957	Matrix Spike Blank A04-C034	Matrix Spike Blank A482059001
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.88	ND	0.88	4.9	ND	0.50
Aroclor 1221	UG/L	ND	0.88	ND	0.88	ND	ND	0.50
Aroclor 1232	UG/L	ND	0.88	ND	0.88	ND	ND	0.50
Aroclor 1242	UG/L	ND	0.88	ND	0.88	ND	ND	0.50
Aroclor 1248	UG/L	ND	0.88	ND	0.88	ND	ND	0.50
Aroclor 1254	UG/L	8.4 B	0.88	8.4 B	0.88	ND	ND	0.50
Aroclor 1260	UG/L	ND	0.88	ND	0.88	4.4	4.6 B	0.50
SURROGATE(S)								
Tetrachloro-m-xylene	%	78	36-132	78	36-132	122	66	36-132
Decachlorobiphenyl	%	77	28-132	79	28-132	92	44	28-132

Client ID Job No Sample Date	Lab ID	Matrix Spike Blank A04-C090	A482074401	Matrix Spike Blk Dup A04-C090	A482074402	Matrix Spike Blank A04-C034	Matrix Spike Blank A482059001
Analyte	Units	Sample Value	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016	UG/L	ND	0.50	ND	0.50	NA	NA
Aroclor 1221	UG/L	ND	0.50	ND	0.50	NA	NA
Aroclor 1232	UG/L	ND	0.50	ND	0.50	NA	NA
Aroclor 1242	UG/L	ND	0.50	ND	0.50	NA	NA
Aroclor 1248	UG/L	ND	0.50	ND	0.50	NA	NA
Aroclor 1254	UG/L	5.3	0.50	5.3	0.50	NA	NA
Aroclor 1260	UG/L	ND	0.50	ND	0.50	NA	NA
SURROGATE(S)							
Tetrachloro-m-xylene	%	84	36-132	90	36-132	NA	NA
Decachlorobiphenyl	%	62	28-132	50	28-132	NA	NA

SDG: PCBH20
 Client Sample ID: Method Blank
 Lab Sample ID: A4B2030102
 Matrix Spike Blank
 A4B2030101

Analyte	Units of Measure	Concentration		% Recovery Blank Spike	QC LIMITS
		Blank Spike	Spike Amount		
URS CONSULTANTS METHOD 8082 - PCB'S Aroclor 1260 Aroclor 1016	UG/L	4.36	5.00	87	50-122
	UG/L	4.94	5.00	99	29-123

SDG: PCBH20

Client Sample ID: Method Blank
 Lab Sample ID: A4B2074403

Matrix Spike Blank A4B2074401
 Matrix Spike Blk Dup A4B2074402

Analyte	Units of Measure	Concentration			% Recovery			QC LIMITS	
		Spike Blank	Spike Blank Dup	SBD	SB	SBD	AVG	RPD	REC.
URS CONSULTANTS METHOD 8082 - PCB'S Aroclor 1254	ug/L	5.34	5.33	5.00	107	107	107	30.0	38-134

* Indicates Result is outside QC Limits
 NC = Not Calculated ND = Not Detected

URS CONSULTANTS METHOD 8082 - PCB'S

Client Sample ID Job No & Lab Sample ID	EB-120304 A04-C034 A4C03401MS	EB-120304 A04-C034 A4C03401SD	Matrix Spike Blank A04-B957 A482030101	Matrix Spike Blank A04-C034 A482059001	Matrix Spike Blank A04-C090 A482074401
Sample Date	12/03/2004 14:30	12/03/2004 14:30	12/03/2004 07:00	12/08/2004 14:30	12/10/2004 07:00
Received Date	12/03/2004 16:01	12/03/2004 16:01	12/07/2004 10:21	12/10/2004 01:48	12/13/2004 17:11
Extraction Date	12/08/2004 14:30	12/08/2004 14:30	-	-	-
Analysis Date	12/10/2004 02:25	12/10/2004 02:38	-	-	-
Extraction HT Met?	YES	YES	-	-	-
Analytical HT Met?	YES	YES	-	-	-
Sample Matrix	WATER	WATER	WATER	WATER	WATER
Dilution Factor	1.0	1.0	1.0	1.0	1.0
Sample wt/vol % Dry	0.565 LITERS	0.565 LITERS	1.0 LITERS	1.0 LITERS	1.0 LITERS

Date: 12/21/2004
 Time: 10:02:30

U R S CORPORATION
 QC SAMPLE TECHNOLOGY

Rept: AN0374
 Page: 4

URS CONSULTANTS METHOD 8082 - PCB'S

Client Sample ID Job No & Lab Sample ID	Method Blank A04-B957 A4B2030102	Method Blank A04-C034 A4B2059002	Method Blank A04-C090 A4B2074403
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	12/03/2004 07:00 12/07/2004 10:33 - - WATER 1.0 1.0 LITERS	12/08/2004 14:30 12/10/2004 02:00 - - WATER 1.0 1.0 LITERS	12/10/2004 07:00 12/13/2004 17:35 - - WATER 1.0 1.0 LITERS

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CHAIN OF CUSTODY RECORD

PROJECT NO. 38394179.0000 SITE NAME GE - TONAWANDA
 SAMPLERS (PRINT/SIGNATURE) S. MISCARE

DELIVERY SERVICE: Drop off AIRBILL NO.: _____



LAB STL - BUFFALO
 COOLER 1 of 1
 PAGE 1 of 1

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS	BOTTLE TYPE AND PRESERVATIVE		REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD ID NO. (RPM#)
							4oz	1-L amber					
6-B	12/4/04	10:10	67	CONF-6-B-AC	AC	1	4oz						
8-B	10:25			CONF-8-B-AC	AC	1	4oz						
8-B	10:35			FB-120404	WB	2	4oz						
AC-6	10:45			CONF-AC-6	AC	1	4oz						
9-E	11:00			CONF-9-E-AC	AC	1	4oz						
11-E	11:15			CONF-11-E-AC	AC	1	4oz						
AC-3	11:30			CONF-AC-3	AC	1	4oz						
10-B	11:40			CONF-10-B-AC	AC	1	4oz						

MATRIX CODES	AA - AMBIENT AIR	SE - SEDIMENT	SH - HAZARDOUS SOLID WASTE	SL - SLUDGE	WP - DRINKING WATER	WW - WASTE WATER	WG - GROUND WATER	WO - OCEAN WATER	WS - SURFACE WATER	WQ - WATER FIELD QC	WL - LEACHATE	GS - SOIL GAS	WC - DRILLING WATER	LI - HAZARDOUS LIQUID WASTE	LF - FLOATING/FREE PRODUCT ON GW TABLE
SAMPLE TYPE CODES	TB# - TRIP BLANK	SD# - MATRIX SPIKE DUPLICATE	FB# - RINSE BLANK	FR# - FIELD REPLICATE	N# - NORMAL ENVIRONMENTAL SAMPLE	MS# - MATRIX SPIKE								AC - Aquatic Chlor	
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED BY (SIGNATURE)	DATE	TIME	SPECIAL INSTRUCTIONS									
<i>[Signature]</i>	12/4/04	10:00	<i>[Signature]</i>	12/4/04	17:00	24 has been removed on sample CONF-6-B-AC									
RELINQUISHED BY (SIGNATURE)	DATE	TIME	RECEIVED FOR LAB BY (SIGNATURE)	DATE	TIME	Specialized rules found on equipment blank.									
<i>[Signature]</i>			<i>[Signature]</i>			Hold Learning Samples (H).									

Distribution: Original accompanies shipment, copy to coordinator field files

CHAIN OF CUSTODY RECORD

PROJECT NO. 38394179.00000
 SITE NAME GE-TOWANDA
 SAMPLERS (PRINT/SIGNATURE) S. MUEBE / S. MUEBE

DELIVERY SERVICE: Drop Off AIRBILL NO.: _____

LOCATION IDENTIFIER	DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. OF CONTAINERS
AC-2	12/2/04	1205	G	CONF-AC-Z	AS	1
AC-8	1210			CONF-AC-8		1
5-E	1220			CONF-5-E-AC		1
3-E	1235			CONF-3-E-AC		1
1-D	1250			CONF-1-D-AC		1
1-B	1310			CONF-1-B-AC		1
Blank	1330			EB-120204	WQ	2



LAB SIL-BUFFER
 COOLER 1 of 1
 PAGE 1 of 1

REMARKS	SAMPLE TYPE	BEGINNING DEPTH (IN FEET)	ENDING DEPTH (IN FEET)	FIELD LOT NO. (RRPMS)

MATRIX CODES: AA - AMBIENT AIR, SE - SEDIMENT, SH - HAZARDOUS SOLID WASTE, SI - SLUDGE, WP - DRINKING WATER, WW - WASTE WATER, WL - LEACHATE, GS - SOIL GAS, WC - DRILLING WATER, WO - OCEAN WATER, WS - SURFACE WATER, WQ - WATER FIELD DC, LH - HAZARDOUS LIQUID WASTE, LF - FLOATING/FREE PRODUCT ON GW TABLE

SAMPLE TYPE CODES: TB# - TRIP BLANK, SD# - MATRIX SPIKE DUPLICATE, FR# - FIELD REPLICATE, RB# - RINSE BLANK, N# - NORMAL ENVIRONMENTAL SAMPLE, MS# - MATRIX SPIKE

RELINQUISHED BY (SIGNATURE): S. Muebe **DATE:** 12/04/04 **TIME:** 1615

RECEIVED BY (SIGNATURE): MJM **DATE:** 12/04/04 **TIME:** 1615

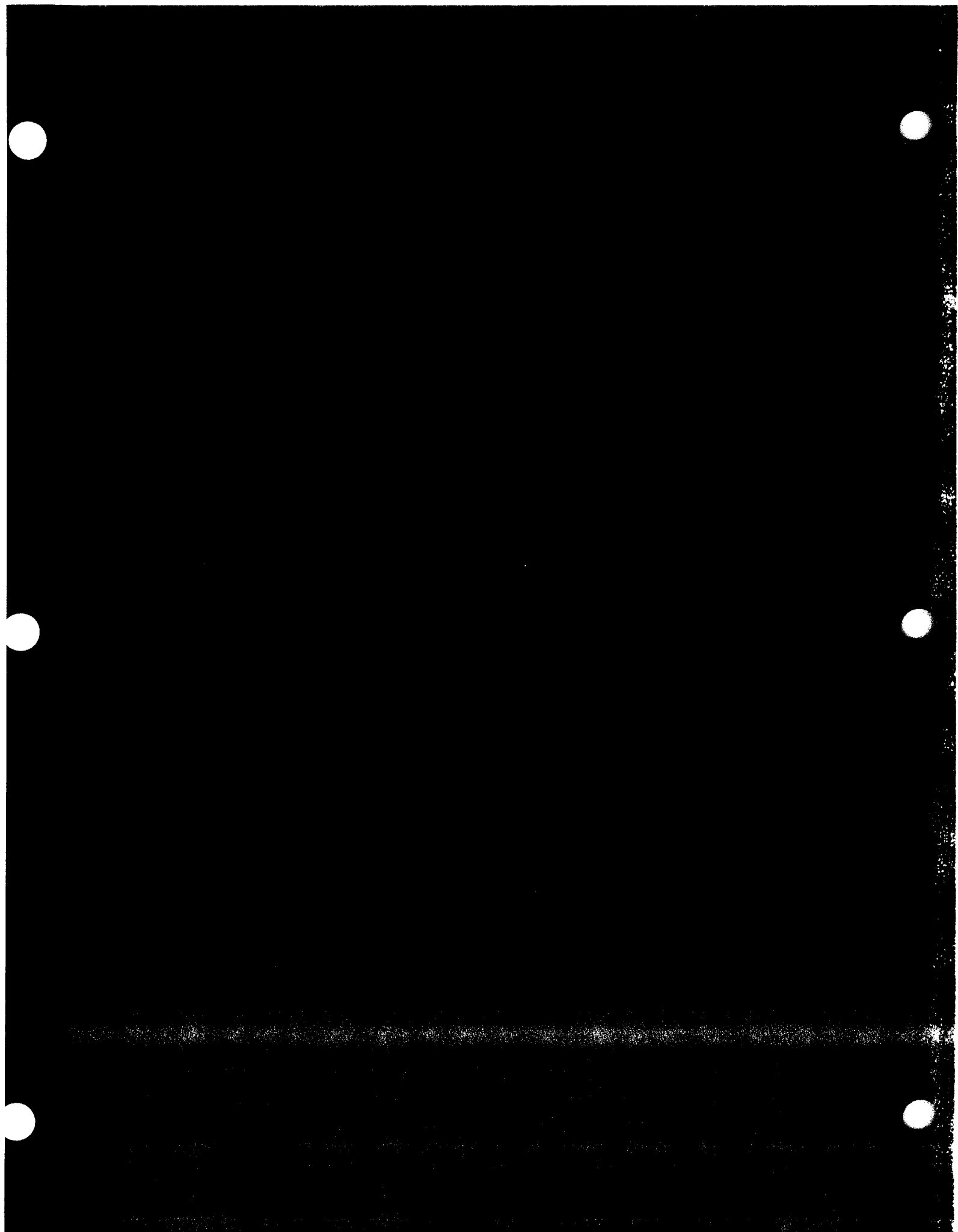
SPECIAL INSTRUCTIONS: 24 hour turn around time on samples
Standard turn around on Report blank

RELINQUISHED BY (SIGNATURE): _____ **DATE:** _____ **TIME:** _____

RECEIVED FOR LAB BY (SIGNATURE): _____ **DATE:** _____ **TIME:** _____

SEQUENTIAL NUMBER (FROM 1 TO 9) TO ACCOMMODATE MULTIPLE SAMPLES IN A SINGLE DAY: _____

Distribution: Original accompanies shipment, copy to coordinator field files 6.0°C





STL Buffalo
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Amherst, NY 14228

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ANALYTICAL REPORT

Job#: A04-C088, A04-C439

STL Project#: NY0A8653

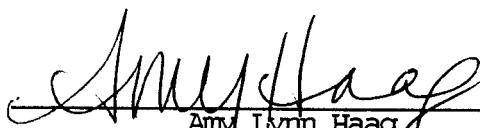
SDG#: PCBHLD

Site Name: URS CORPORATION

Task: GE Tonawanda PCB Storage Area

Karen Peppin
URS Dames & Moore
28 Corporate Drive, Suite 200
Clifton Park, NY 12065

STL Buffalo


Amy Lynn Haag
Project Manager

01/04/2005

STL Buffalo Current Certifications

STATE	Program	Cert # / Lab ID
Arkansas	SDWA, CWA, RCRA, SOIL	03-054-D/88-0686
California	NELAP SDWA, CWA, RCRA	01169CA
Connecticut	SDWA, CWA, RCRA, SOIL	PH-0568
Florida	NELAP RCRA	E87672
Georgia	SDWA	956
Illinois	NELAP SDWA, CWA, RCRA	200003
Iowa	SW/CS	374
Kansas	NELAP SDWA, CWA, RCRA	E-10187
Kentucky	SDWA	90029
Kentucky UST	UST	30
Louisiana	NELAP CWA, RCRA	2031
Maine	SDWA, CWA	NY044
Maryland	SDWA	294
Massachusetts	SDWA, CWA	M-NY044
Michigan	SDWA	9937
Minnesota	CWA, RCRA	036-999-337
New Hampshire	NELAP SDWA, CWA	233701
New Jersey	SDWA, CWA, RCRA, CLP	NY455
New York	NELAP, AIR, SDWA, CWA, RCRA	10026
North Carolina	CWA	411
North Dakota	SDWA, CWA, RCRA	R-176
Oklahoma	CWA, RCRA	9421
Pennsylvania	Env. Lab Reg.	68-281
South Carolina	RCRA	91013
USDA	FOREIGN SOIL PERMIT	S-41579
Virginia	SDWA	278
Washington	CWA	C254
West Virginia	CWA	252
Wisconsin	CWA	998310390

METHODS SUMMARY

Job#: A04-C088, A04-C439STL Project#: NY0A8653SDG#: PCBHLDSite Name: URS CORPORATION

<u>PARAMETER</u>	<u>ANALYTICAL METHOD</u>
METHOD 8082 - POLYCHLORINATED BIPHENYLS	SW8463 8082

SW8463 "Test Methods for Evaluating Solid Waste Physical/Chemical Methods (SW846), Third Edition, 9/86; Update I, 7/92; Update IIA, 8/93; Update II, 9/94; Update IIB, 1/95; Update III, 12/96.

<u>Client Sample ID</u>	<u>Lab Sample ID</u>	<u>Parameter (Inorganic)/Method (Organic)</u>	<u>Dilution</u>	<u>Code</u>
CONF-8-B-AC	A4C08801	8082	100.00	008
CONF-8-B-AC	A4C08801MS	8082	100.00	008
CONF-8-B-AC	A4C08801SD	8082	100.00	008

Dilution Code Definition:

- 002 - sample matrix effects
- 003 - excessive foaming
- 004 - high levels of non-target compounds
- 005 - sample matrix resulted in method non-compliance for an Internal Standard
- 006 - sample matrix resulted in method non-compliance for Surrogate
- 007 - nature of the TCLP matrix
- 008 - high concentration of target analyte(s)
- 009 - sample turbidity
- 010 - sample color
- 011 - insufficient volume for lower dilution
- 012 - sample viscosity
- 013 - other

Sample Data Package

Chronology and QC
Summary Package

Date: 01/04/2005
Time: 16:27:14

URS CORPORATION
GE Tonawanda PCB Storage Area
METHOD 8082 - POLYCHLORINATED BIPHENYLS

Rept: AN0326

Client ID	Lab ID	Units	CONF-8-B-AC A04-C439 12/04/2004	A4C08801MS	CONF-8-B-AC A04-C439 12/04/2004	A4C08801SD	Matrix Spike Blank A04-C439 A4B2095101	Reporting Limit	Sample Value	Reporting Limit	Sample Value	Reporting Limit
Aroclor 1016		MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	NA	0.50
Aroclor 1221		MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	NA	0.50
Aroclor 1232		MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	NA	0.50
Aroclor 1242		MG/KG	ND	0.50	ND	0.50	ND	0.50	ND	0.50	NA	0.50
Aroclor 1248		MG/KG	5.4	0.50	6.6	0.50	ND	0.50	ND	0.50	NA	0.50
Aroclor 1254		MG/KG	ND	0.50	ND	0.50	0.21 J	0.50	0.21 J	0.50	NA	0.50
Aroclor 1260		MG/KG	8.2	0.50	9.3	0.50	ND	0.50	ND	0.50	NA	0.50
SURROGATE(S)												
Tetrachloro-m-xylene		%	0 D	32-148	0 D	32-148	109	32-148	109	32-148	NA	32-148
Decachlorobiphenyl		%	0 D	36-153	0 D	36-153	135	36-153	135	36-153	NA	36-153

12/18

Date: 01/04/2005
 Time: 16:27:41

U R S CORPORATION
 SAMPLE ANALOGY

Rept: AN0374
 e: 1

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	CONF-8-B-AC A04-C439 A4C08801	CONF-AC-6 A04-C439 A4C08802
Sample Date	12/04/2004 10:25	12/04/2004 10:45
Received Date	12/04/2004 12:20	12/04/2004 12:20
Extraction Date	12/14/2004 14:30	12/14/2004 14:30
Analysis Date	12/29/2004 12:31	12/29/2004 13:17
Extraction HT Met?	YES	YES
Analytical HT Met?	YES	YES
Sample Matrix	SOIL	SOIL
Dilution Factor	100.0	MED
Sample wt/vol	30.24	30.47
% Dry	91.15	99.55

METHOD 8082 - POLYCHLORINATED BIPHENYLS

Client Sample ID Job No & Lab Sample ID	Method Blank A04-C439 A4B2095102			
Sample Date Received Date Extraction Date Analysis Date Extraction HT Met? Analytical HT Met? Sample Matrix Dilution Factor Sample wt/vol % Dry	12/14/2004 14:30 12/29/2004 12:16 - - SOIL MED 1.0 30.8 GRAMS 100.00			

MIN OF CUSTODY RECORD

IO. SITE NAME
 679.0000 GE - DOWLANDA
 (PRINT/SIGNATURE)

766 ARE *[Signature]*

SERVICE: *Dep Ops* AIRBILL NO.:



LAB *STL - Buffalo*
 COOLER *1* of *1*
 PAGE *1* of *1*

DATE	TIME	COMP/GRAB	SAMPLE ID	MATRIX	TOTAL NO. # OF CONTAINERS	REMARKS	SAMPLE TYPE	DEPTH (ON FEET)	ENDING DEPTH (ON FEET)	FIELD LOT NO. # (RINGS)
12/4/04	10:10	G	CONF-6-B-AC	AC	1	<i>400 g/L</i>				
	10:25		CONF-8-B-AC	AC	1	<i>1-L Amber</i>				
	10:35		EB-120404	WR	2					
	10:45		CONF-AC-6	AC	1					
	11:00		CONF-9-E-AC	AC	1					
	11:15		CONF-11-E-AC	AC	1					
	11:30		CONF-AC-3	AC	1					
	11:40		CONF-10-B-AC	AC	1					

AA - AMBIENT AIR	SL - SLUDGE	WL - LEACHATE	WO - OCEAN WATER	DATE	TIME
SE - SEDIMENT	WP - DRINKING WATER	WS - SOIL GAS	WS - SURFACE WATER	12/4/04	1700
SH - HAZARDOUS SOLID WASTE	WW - WASTE WATER	WC - DRILLING WATER	WF - FLOATING/FREE PRODUCT ON GW TABLE		
TB# - TRIP BLANK	RBP - RINSE BLANK	N# - NORMAL ENVIRONMENTAL SAMPLE	AC - AQUIFERT CLIP		
SO# - MATRIX SPIKE DUPLICATE	FR# - FIELD REPLICATE	MS# - MATRIX SPIKE			

SPECIAL INSTRUCTIONS
 CONF-6-B-AC
 CONF-8-B-AC
 CONF-9-E-AC
 CONF-11-E-AC
 CONF-10-B-AC
 24 has been removed on single CONF-AC-3
 prepared then turned on equipment blank.
 Hold remaining Samples (4).

RECEIVED BY (SIGNATURE) *[Signature]* DATE 12/4/04 TIME 1700
 RECEIVED FOR LAB BY (SIGNATURE) *[Signature]* DATE TIME
 37°C

Original accompanies shipment, copy to coordinator field files

APPENDIX F
WASTE MANIFESTS



DEPARTMENT OF ENVIRONMENTAL PROTECTION
DIVISION OF HAZARDOUS MATERIALS
One Winter Street, Boston, Massachusetts 02108

UNIFORM HAZARDOUS WASTE MANIFEST

Generator's DOT ID No. 0120057539940

Manifest Document No. 02000

State of Massachusetts

State Manifest Document Number
MA M 691320
State Title ID
619015 ME
Transporter's Phone No. **781 649-1800**
State Title ID
MA 61715
Transporter's Phone No. **781 790-1800**
State Facility ID NOT REQUIRED

3 Generator's Name and Mailing Address
General Electric Company
175 Billerica Road
Tollandville, NY 11150

4 Generator's Phone () 516-241-1233

5 Transporter 1 Company Name
ROR HAZARDOUS WASTE SERVICES INC.

MA 0353222190

9 Designated Facility Name and Site Address
Clean Hazardous Waste Services Inc
1111 Avenue
Blandville, MA 02131

MA 0353222190

MA 0353222190

11 US DOT Description (Including Proper Shipping Name, Hazard Class, and ID Number)

a.	b.	c.	d.
NON DOT REGULATED MATERIAL (Waste and Spillage), NON DOT HAZARDOUS, NONE, NONE	002 DM	856 P	MA99
NON DOT REGULATED MATERIAL (Waste and Spillage), NON DOT HAZARDOUS, NONE, NONE	008 DM	3793 P	MA99

J. Additional Descriptions for Materials Listed Above (include physical state and hazard code) (SL)

a. b. c. d.

K. Handling Codes for Wastes Listed Above

a.	b.	c.	d.
S100			
W2			

15 Special Handling Instructions and Additional Information
110 CH100140 2X55
110 CH111220 3X55

IN EMERGENCY, CALL CHEM 1-800-645-8205
W04 02271809

16 GENERATOR'S CERTIFICATION: I hereby declare that the contents of this shipment are fully and accurately described above by proper shipping name and are classified, packed, marked, and labeled, and are in all respects in compliance with the requirements according to applicable international and national government regulations.

If I am a large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR, if I am a small quantity generator, I have made a good faith effort to minimize my waste generation and disposal to the degree I have determined to be economically practicable and that I can afford.

Printed/Typed Name: ANTHONY HEJMANOWSKI
Signature: Anthony Hejmanowski
Date: 12/18/00

17 Transporter 1 Acknowledgement of Receipt of Materials
Printed/Typed Name: ARMAND R BONCAI
Signature: Armand R Boncai
Date: 12/18/00

18 Transporter 2 Acknowledgement of Receipt of Materials
Printed/Typed Name: GARY S. LEE
Signature: Gary S Lee
Date: 12/18/00

19. Discrepancy Indication Space

20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest (to be printed and signed by the facility owner or operator)

Printed/Typed Name: [Signature]
Signature: [Signature]
Date: 12/20/00

National Response Center (800) 424-8802.

In case of emergency or spill, immediately call 1-800-424-8802.

GENERATOR

TRANSPORTER

FACILITY

DATE

12/18/00 MA M 691320 COPY 3: FACILITY MAILLS TO GENERATOR

Manifest Inventory Attachment

Drum ID	Material	Profile	Weight		Out of Service Date	Job #	Manifest No.	Ship Date
			Gr Wgt	Net Wgt				
94487	Non Haz water	CH160746	492		6/8/00	BSS	02000	12/18/00
94508	Non Haz water	CH160746	364		10/31/00	BSS	02000	12/18/00
		TOTAL	856					
11327	Non Haz Capsur/Wate	CH177225	500		11/14/00	BSS	02000	12/18/00
11328	Non Haz Capsur/Wate	CH177225	507		11/14/00	BSS	02000	12/18/00
11329	Non Haz Capsur/Wate	CH177225	501		11/14/00	BSS	02000	12/18/00
11330	Non Haz Capsur/Wate	CH177225	302		11/14/00	BSS	02000	12/18/00
11331	Non Haz Capsur/Wate	CH177225	500		11/14/00	BSS	02000	12/18/00
11332	Non Haz Capsur/Wate	CH177225	493		11/14/00	BSS	02000	12/18/00
11333	Non Haz Capsur/Wate	CH177225	490		11/14/00	BSS	02000	12/18/00
11334	Non Haz Capsur/Wate	CH177225	500		11/14/00	BSS	02000	12/18/00
		TOTAL	3793					
Notes:								

015
11
17
18
19
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21
22

GENERAL ELECTRIC COMPANY
175 MILENS ROAD
BUFFALO SERVICE CENTER
TONAWANDA, NY 14150
MANIFEST LIST
12/18/2000
PAGE NO. 1

MANIFEST NO.: 02000
 SHIP DATE: 12/18/2000
 DISPOSAL FACILITY: 20 CLEAN HARBORS BRAINTREE

CONTAINER		DESCRIPTION						DATE REMOVED FROM SERVICE		WEIGHT		REC'D DATE	
NO	TYPE	JOB NO.	ITEM	TYPE	MAKE	KVA	FULL GALS	UNIQUE ID#	FOR DISPOSAL	PPM	LBS	KGS	
015	DM	BSS-00	021	L	PCB AREA DECON LIQ			11333	11/14/2000	2.2	490	222	01/01/2000
	DM	BSS-00	020	L	PCB AREA DECON LIQ			11332	11/14/2000	9.9	493	224	01/01/2000
	DM	BSS-00	019	L	PCB AREA DECON LIQ			11331	11/14/2000	<2	500	227	01/01/2000
	DM	BSS-00	018	L	PCB AREA DECON LIQ			11330	11/14/2000	<2	302	137	01/01/2000
	DM	BSS-00	017	L	PCB AREA DECON LIQ			11329	11/14/2000	<2	501	227	01/01/2000
	DM	BSS-00	016	L	PCB AREA DECON LIQ			11328	11/14/2000	<2	507	230	01/01/2000
	DM	BSS-00	015	L	PCB AREA DECON LIQ			11327	11/14/2000	<2	500	227	01/01/2000
016		BSS-00	022	L	PCB AREA DECON LIQ			11334	11/14/2000	<2	500	227	01/01/2000
											3793	1720	

SIGNED: 12/18/2000

 A.HEJMANOWSKI
 FACILITY SUPERVISOR

GENERAL ELECTRIC COMPANY
175 MILENS ROAD
BUFFALO SERVICE CENTER
TONAWANDA, NY 14150
LIST OF GENERATORS
12/18/2000
PAGE NO. 1

MANIFEST NO.: 02000
 SHIP DATE: 12/18/2000
 DISPOSAL FACILITY: 20 CLEAN HARBORS BRAINTREE

JOB NO.	GENERATOR	LOCATION	UNITS	WEIGHT	DATE REMOVED FROM SERVICE FOR DISPOSAL
BSS-00	GENERAL ELECTRIC CO.	TONAWANDA	8	3793	11/14/2000
			8	3793	

SIGNED: 12/18/2000

A.HEJMANOWSKI
 FACILITY SUPERVISOR

NYH1435977

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

Please type or print. Do not staple.

(Hazardous Waste Manifest 5/00)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY101016715131919140		Manifest Doc. No. 35977		2. Page 1 of 2		Information within heavy bold line is not required by Federal Law.			
3. Generator's Name and Mailing Address GEN COMPANY 175 NILENS RD CORWANDA, NY 14150-6701						A. NYH1435977					
4. Generator's Telephone Number (716) 671-2233						B. Generator's ID 8194					
5. Transporter 1 (Company Name) FRANKS VAC UUM TRUCK			6. US EPA ID Number NYDA82792814			C. State Transporter's ID AD32901 NY		D. Transporter's Telephone (716) 284213			
7. Transporter 2 (Company Name)						E. State Transporter's ID		F. Transporter's Telephone ()			
9. Designated Facility Name and Site Address GEN CHEMICAL SERVICES, LLC 2050 BALSER ROAD ROSEL CITY, NY 14107						G. State Facility ID					
10. US EPA ID Number NY101014918131615719						H. Facility Telephone (716) 754-8031					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)						12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol	
a. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, PG11						008 M		01789		K	
b. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, PG11						003 H		00311		K	
c. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, PG11						002 M		00143		K	
d.											
										I. Waste No. EPA STATE 8007 EPA STATE 8007 EPA STATE 8007 EPA STATE	
J. Additional Descriptions for Materials listed Above a. CW5443 - CONCRETE DEBRIS - 03 b. CW5443 - NON FRIABLE ASBESTOS TILES - 01						K. Handling Codes for Wastes Listed Above a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information Site 721315 EMERGENCY CONTACT - CHEMTREC @ 800-424-9300 EKG# 171 815 85469											
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						Printed/Typed Name ANTHONY HEJMANOWSKI					
						Signature Anthony Hejmanowski					
						Mo. Day Year 05 21 04					
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name LEE BOEHRINGER					
						Signature Lee Boehringer					
						Mo. Day Year 05 21 04					
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name					
						Signature					
						Mo. Day Year					
19. Discrepancy Indication Space											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						Printed/Typed Name AD Argora					
						Signature AD Argora					
						Mo. Day Year 05 24 04					

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

PCB CONTINUATION SHEET

Line #	Profile	Description of Material	Out of Service Date	Unique ID #	Weight in Kilograms
11a	CWS443	Concrete Debris	5-1-04	55-D1	34
			5-4-04	55-D2	297
			5-4-04	55-D3	284
			5-4-04	55-D4	263
			5-5-04	55-D5	265
			5-10-04	55-D6	238
			5-10-04	55-D7	281
			5-17-04	57-D1	127
			5-14-04	57-D2	107
11b	CWS483	NonFriable Asbestos Tiles	5-14-04	57-D3	84
			5-14-04	57-D4	120
11c	CWS444	PPE + Plastic	5-15-04	56-D1	77
		PPE + Plastic	5-15-04	56-D2	66

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STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212



(Hazardous Waste Manifest 500)

or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST

1. Generator's US EPA No. 151998	Manifest Doc. No. 4	2. Page 1 of 4	Information within heavy bold line is not required by Federal Law.
-------------------------------------	------------------------	----------------	--

Generator's Name and Mailing Address

CE COMPANY
175 ELLENS RD
TONAWANDA, NY 14150-6701
4. Generator's Telephone Number ()

5. Transporter 1 (Company Name) TONAWANDA TANK TRANSPORT	6. US EPA ID Number NYD097644801
7. Transporter 2 (Company Name)	8. US EPA ID Number

9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, LLC 1550 BALMEA RD MOORE CITY, NY 14107	10. US EPA ID Number
--	----------------------

A. NYH1351998
B. Generator's ID SAME
C. State Transporter's ID NY-AC25365
D. Transporter's Telephone 716 673-9708
E. State Transporter's ID
F. Transporter's Telephone ()
G. State Facility ID
H. Facility Telephone (716) 754-8231

11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)	12. Containers		13. Total	14. Unit	1. Waste No.
	Number	Type	Quantity	Wt/Vol	
a. 20, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, UN2315, PGII	037	DM	08601	K	EPA
b. 40, POLYCHLORINATED BIPHENYLS, LIQUID SOLUTION, 9, UN2315, PGII	001	DM	00047	K	STATE 6007 EPA
c.					STATE 6002 EPA
d.					STATE EPA

15. Additional Descriptions for Materials listed Above

a. CW5444 - FPE 4 DM

b. CW5443 - TSCA SOLIDS 33 DM

c. ~~CW5444 - FPE~~

d. ~~CW5444 - TSCA WATER~~

K. Handling Codes for Wastes Listed Above

a. <input type="checkbox"/>	c. <input type="checkbox"/>
b. <input type="checkbox"/>	d. <input type="checkbox"/>

15. Special Handling Instructions and Additional Information

SR# 715780 - 2 SEE ATTACHED PCB CONTINUATION SHEET

PCB

EMERGENCY CONTACT - CHEMTREC # 800-424-9300 ERG#171

16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.

If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.

Printed/Typed Name ANTHONY HEJMANOWSKI	Signature <i>Anthony Hejmanowski</i>	Mo. Day Year 02/10/04
---	---	--------------------------

17. Transporter 1 Acknowledgement of Receipt of Materials	Printed/Typed Name Matt Fritter	Signature <i>Matt Fritter</i>	Mo. Day Year 04/01/04
---	------------------------------------	----------------------------------	--------------------------

18. Transporter 2 Acknowledgement of Receipt of Materials	Printed/Typed Name	Signature	Mo. Day Year
---	--------------------	-----------	--------------

19. Discrepancy Indication Space

Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.

Printed/Typed Name Angela Redwood	Signature <i>Angela Redwood</i>	Mo. Day Year 11/11/04
--------------------------------------	------------------------------------	--------------------------

GENERATOR

TRANSPORTER

POB CONTINUATION SHEET

Line #	Profile	Description of Material	Out of Service Date	Unique ID #	Weight in Kilograms
-02 11a	CW5444	PPE	12-20-03	S1-D1	34
-02 11a	CW5443	CONCRETE / SHOT BLAST	12-21-03	S1-D2	285
-01 11a	CW5443	CONCRETE / SHOT BLAST	12-21-03	S1-D3	281
-01 11a	CW5444	PPE	12-21-03	S1-D4	40
-02 11a	CW5443	CONCRETE / SHOT BLAST	12-21-03	S1-D5	268
-02 11a	CW5443	CONCRETE / SHOT BLAST	12-22-03	S1-D6	133
-02 11a	CW5443	CONCRETE / SHOT BLAST	12-22-03	S1-D7	238
-01 11a	CW5444	PPE	1-30-04	S2-D2	46
-02 11a	CW5443	CONCRETE / SHOT BLAST	1-31-04	S2-D3	172
-02 11a			2-1-04	S2-D4	252
-02 11a			1-31-04	S2-D5	283
-02 11a			1-31-04	S2-D6	285
-02 11a			1-31-04	S2-D7	285
-02 11a			2-2-04	S2-D8	272
-02 11a			2-2-04	S2-D9	262
-02 11a			2-2-04	S2-D10	254
-02 11a	CW5443	CONCRETE / SHOT BLAST	2-2-04	S2-D11	254

POB CONTINUATION SHEET

Line #	Profile	Description of Material	Out of Service Date	Unique ID #	Weight in Kilograms
11a	CW5443	CONCRETE / SHOT BLAST	2-2-04	S2-D12	312
			2-2-04	S2-D13	262
			2-2-04	S2-D14	316
			2-2-04	S2-D15	385
			2-4-04	S2-D16	325
			2-4-04	S2-D17	309
			2-4-04	S2-D18	332
			2-4-04	S2-D19	209
			2-5-04	S2-D20	84
			2-26-04	S3-D1	59
			2-27-04	S3-D2	268
			2-27-04	S3-D3	287
			2-27-04	S3-D4	272
			2-27-04	S3-D5	284
			3-1-04	S3-D6	132
			3-24-04	S4-D1	293
11a	CW5443	CONCRETE / SHOT BLAST	3-24-04	S4-D2	284

-20-

-10-

-10-

FOB CONTINUATION SHEET

Line #	Profile	Description of Material	Out of Service Date	Unique ID #	Weight in Kilograms
11a	CW5443	CONCRETE / SHOT BAST	3-25-04	54-D3	308
11a	CW5443	CONCRETE / SHOT BAST	3-25-04	54-D4	112
11a	CW5443	CONCRETE / SHOT BAST	3-25-04	54-D5	124
11b	CW5446	WASH WATER	1-30-04	52-D1	47

-20-

-03



NYH1436076

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NY 1010171919191410	Manifest Doc. No. 36076	2. Page 1 of	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address GE COMPANY 175 MILENS RD TUNAWANDA, NY 14150				A. NYH1436076		
4. Generator's Telephone Number (716) 754-7533				B. Generator's ID		
5. Transporter 1 (Company Name) TUNAWANDA TANK TRANSPORT		6. US EPA ID Number NYD097644801		C. State Transporter's ID AC25374 NY		
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone 716 873-9703		
9. Designated Facility Name and Site Address CMS CHEMICAL SERVICES, LLC 1550 WALDEN RD MODEL CITY, NY 14107				E. State Transporter's ID		
10. US EPA ID Number NY 10101419181310181719				F. Transporter's Telephone ()		
				G. State Facility ID		
				H. Facility Telephone (716) 754-0231		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers Number	Type	13. Total Quantity	14. Unit Wt/Vol	I. Waste No. EPA
a. 90, POLYCHLORINATED BIPHENYLS, LIQUID SOLUTION, 9, UN2315, II		0,01	TT	0,3125	g	STATE 8002
b.						EPA
c.						STATE
d.						EPA
						STATE
J. Additional Descriptions for Materials listed Above				K. Handling Codes for Wastes Listed Above		
a. 005446 - ISCA WATER				a. <input checked="" type="checkbox"/> T <input type="checkbox"/> c.		
b.				b. <input type="checkbox"/> <input type="checkbox"/> d.		
15. Special Handling Instructions and Additional Information SKY: <u> </u> OUT OF SERVICE DATE: <u>12-29-03</u> POB: <u> </u> EMERGENCY CONTACT - CHEMREC @ 800-424-9300 ENG#171 81585798						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name ANTHONY HEJMANOWSKI		Signature <i>Anthony Hejmanowski</i>		Mo. Day Year 06 08 04		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name DAVID ATTEA		Signature <i>David Attea</i>		Mo. Day Year 06 08 04		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
19. Discrepancy Indication Space Net Rec. 3157K x 2,204				Manifest Doc. # Omitted By Generator.		
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Michelle Fleck		Signature <i>Michelle Fleck</i>		Mo. Day Year 06 08 04		

In case of emergency or spill immediately call the national response center (800) 424-9300 and the NJ Department of Environmental Conservation (908) 762-7000.

NY 1436094
 10/17/04
 10/17/04
 10/17/04

STATE OF NEW YORK
 DEPARTMENT OF ENVIRONMENTAL CONSERVATION
 DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
 P.O. Box 12820, Albany, New York 12212

1



(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.		Manifest Doc. No. 36094		2. Page 1 of		Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address NYH1436094						A. NYH1436094			
4. Generator's Telephone Number () - -						B. Generator's ID			
5. Transporter 1 (Company Name) FRANKS VACUUM TRUCK SERVICE			6. US EPA ID Number NYD982792814			C. State Transporter's ID AD76091 NY		D. Transporter's Telephone () - -	
7. Transporter 2 (Company Name)			8. US EPA ID Number			E. State Transporter's ID		F. Transporter's Telephone () - -	
9. Designated Facility Name and Site Address OWS CHEMICAL SERVICES, LLC 1350 BARBARA RD ROSELAND NY 14150			10. US EPA ID Number			G. State Facility ID			
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)			12. Containers Number Type		13. Total Quantity		14. Unit Wt/Vol		I. Waste No.
a. POLYCHLORINATED BIPHENYLS, SOLID MIXTURE, 9, 002315, 11			001TP		00238				EPA
b.									STATE
c.									EPA
d.									STATE
J. Additional Descriptions for Materials listed Above						K. Handling Codes for Wastes Listed Above			
a. 002443 - LIQUID DEBRIS						a. <input type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>			
b.						b. <input type="checkbox"/> d. <input type="checkbox"/>			
15. Special Handling Instructions and Additional Information SRF: OUT OF SERVICE DATE: 12-29-03 POF: 815 85 817 EMERGENCY CONTACT - CHEMTRAC @ 800-424-9300 BRG2171									
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.									
Printed/Typed Name ANTHONY HEJMANOWSKI			Signature <i>Anthony Hejmanowski</i>			Mo. Day Year 06/00/04			
17. Transporter 1 Acknowledgement of Receipt of Materials									
Printed/Typed Name ALFONSO CUTAIA			Signature <i>Alfonso Cutaia</i>			Mo. Day Year 06/00/04			
18. Transporter 2 Acknowledgement of Receipt of Materials									
Printed/Typed Name			Signature			Mo. Day Year			
19. Discrepancy Indication Space 10-219017									
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.									
Printed/Typed Name AD Argoon			Signature <i>AD Argoon</i>			Mo. Day Year 06/00/04			

in case of emergency or spill immediately call the National Response Center (800) 424-9302 and the NYS Department of Environmental Conservation (518) 457-7362

COPY 5-GENERATOR - MAILED BY TSD FACILITY

NYH1446066

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

2,002



HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 500)

Please type or print. Do not staple.

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.
Generator's Name and Mailing Address TSD FACILITY 1000 WALKER RD MORRISVILLE NY 14500-0001		46066		A. NYH1446066	
4. Generator's Telephone Number ()		6. US EPA ID Number		B. Generator's ID	
5. Transporter 1 (Company Name) PRICE TRUCKING		1141DIAK467K25174		C. State Transporter's ID 21180114	
7. Transporter 2 (Company Name)		8. US EPA ID Number		D. Transporter's Telephone ()	
9. Designated Facility Name and Site Address CONVOLUTIONAL DEVELOPMENT 1000 WALKER RD MORRISVILLE NY		10. US EPA ID Number		E. State Transporter's ID	
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		12. Containers		F. Transporter's Telephone ()	
a. POLYCHLORINATED BI-PHENYLS, SOLID MIXTURE, GEN 2315.10		Number Type		G. State Facility ID	
b.		13. Total Quantity		H. Facility Telephone ()	
c.		7000		I. Waste No.	
d.		14. Unit		EPA	
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above		STATE	
a. GEN 2315.10		a. <input checked="" type="checkbox"/> b. <input type="checkbox"/> c. <input type="checkbox"/> d. <input type="checkbox"/>		EPA	
b.		b. <input type="checkbox"/> d. <input type="checkbox"/>		STATE	
15. Special Handling Instructions and Additional Information		* WEIGHT IS ESTIMATED		EPA	
Emergency Response Number (800) 424-8802		8591520		STATE	
OUT OF SERVICE DATE 12/4/04				EPA	
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.					
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.					
Printed/Typed Name		Signature		Mo. Day Year	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature		1/2/05	
Printed/Typed Name		Signature		Mo. Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		1/20/04	
Printed/Typed Name		Signature		Mo. Day Year	
19. Discrepancy Indication Space					
Act Rec 13871K Manifest Doc # omitted by Gen					
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.		Signature		Mo. Day Year	
Printed/Typed Name		Signature		120704	
Michelle Fleck		Michelle Fleck			

in case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

6292 095

NYH1446075

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS
HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

2005



Please type or print. Do not staple.

(Hazardous Waste Manifest 500)

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of	Information within heavy bold line is not required by Federal Law.	
3. Generator's Name and Mailing Address		6. US EPA ID Number		A. NYH1446075		
4. Generator's Telephone Number		8. US EPA ID Number		B. Generator's ID		
5. Transporter 1 (Company Name)		10. US EPA ID Number		C. State Transporter's ID		
7. Transporter 2 (Company Name)		12. Containers		D. Transporter's Telephone		
9. Designated Facility Name and Site Address		13. Total		E. State Transporter's ID		
		14. Unit		F. Transporter's Telephone		
		1. Waste No.		G. State Facility ID		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number)		Number		Quantity		H. Facility Telephone ()
a. UNIDENTIFIED BIPHENYL SULFONAMIDES		Type		EST		EPA
b.				10000		STATE
c.						EPA
d.						STATE
J. Additional Descriptions for Materials listed Above		K. Handling Codes for Wastes Listed Above				
a.		b.		c.		
b.		c.		d.		
15. Special Handling Instructions and Additional Information		* WEIGHT IS ESTIMATED				
EMERGENCY RESPONSE NUMBER (800) 424-8300 WMT Contract		81591800				
OUT OF SERVICE DATE 12/9/04						
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations.						
If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name		Signature		Mo. Day Year		
RONALD REED		<i>Ronald Reed</i>		12 06 04		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
GEORGE HANNA		<i>George Hanna</i>		12 06 04		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Mo. Day Year		
MONTE MILES		<i>Monte Miles</i>		12 15 04		
19. Discrepancy Indication Space						
Item 1. Doc # omitted by generator						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name		Signature		Mo. Day Year		
BY M. Pechowsta		<i>By Pechowsta</i>		12 15 04		

2067-1-04 (0-1) Hazardous Waste Manifest Generator's Copy

3035



CWM

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

NYH1446075

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-9302 and the NYS Department of Environmental Conservation (518) 457-7362

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No.	Manifest Doc. No.	2. Page 1 of 1	Information within heavy bold line is not required by Federal Law	
3. Generator's Name and Mailing Address GE COMPANY 175 MILENS RD TONAWANDA NY 14150-6701		6. US EPA ID Number NYDC046765574		A. NYH1446075		
4. Generator's Telephone Number (716) 876-1200		7. Transporter 1 (Company Name) PRICE TRUCKING		B. Generator's ID SAME		
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107		8. US EPA ID Number NYDC04676557A		C. State Transporter's ID 41807PA NY		
10. US EPA ID Number NYDC049836679		9. Transporter 2 (Company Name) PRICE TRUCKING		D. Transporter's Telephone 716 822 1475		
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE 9, UN2315, III		10. US EPA ID Number		E. State Transporter's ID 0853263ME		
12. Containers Number Type		13. Total Quantity		F. Transporter's Telephone 716 822 1475		
0 0 1 C M		EST 1,0000 K		G. State Facility ID		
14. Unit Wt/Vol		15. Waste No. EPA STATE 6007		H. Facility Telephone () 716 754-8231		
b.		c.		I. Waste No. EPA STATE		
c.		d.		EPA STATE		
d.		J. Additional Descriptions for Materials listed Above a. CW4736 (PCB SOIL/CONCRETE/ASPHALT)		K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> L c. <input type="checkbox"/>		
J. Additional Descriptions for Materials listed Above b.		c.		b. <input type="checkbox"/> d. <input type="checkbox"/>		
15. Special Handling Instructions and Additional Information CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract SR# _____ OUT OF SERVICE DATE: 12/4/04		* WEIGHT IS ESTIMATED 81591800				
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.						
Printed/Typed Name RONALD RIGGS		Signature <i>Ronald Riggs</i>		Mo. Day Year 12/06/04		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name GEORGE ANETA		Signature <i>George Aneta</i>		Mo. Day Year 12/06/04		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name MONTE MILES		Signature <i>Monte Miles</i>		Mo. Day Year 12/15/04		
19. Discrepancy Indication Space Actual Recd 16329 K Item 1. Doc. # omitted by generator						
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name RYAN BIECHOWSKI		Signature <i>Ryan Biechowski</i>		Mo. Day Year 12/15/04		



Transporter Log
CWM Chemical Services, Inc.
 Model City, NY

129095

30
 Cubic Yards

Receipt # 21591800 Trailer License Plate # and State 0853263Me
 Service Req. # CWA736 Profile # QA-025 Permit # 10001750 3035
 Transporter Name Princeton Corp Tractor/Trailer/Roll-off # 3035
 Driver's Name Monte Miles Generator GF

SCALE 2 86580 LB G
 06:34 AM 12/15/04 II
 SCALE 2 50580 LB G
 09:03 AM 12/15/04 II

TONS
 18.00

36000P
16329K

Scheduled Arrival: _____
 Date Time

Actual Arrival: _____
 Date Time Time Out

Arrived during Blackout? Y / N Notified DEC? Y / N

- Leaker
- Permit Violation
- Placarding/Veh. I.D. Violation
- Other (specify _____)
- Bulk to Landfill
- No wet line
- Flatbed
- Stabilization
- Drums
- Tanker
- Transformers

Receiving: [Signature]
 Initials Comments

Laboratory [Signature] MANIFEST # NYH1446075
 Time In Time Out Initials Comments

Stabilization _____
 Time In Time Out Initials Gross Wt. Comments

Landfill _____
 Time In Time Out Initials Comments

Other _____
 Time In Time Out Initials Comments

Aqueous Treatment _____
 Time In Time Out Signature (NO Initials) Comments

Facility Personnel (please initial)

_____ Smoking or eating in prohibited areas	_____ Leaving truck unattended
_____ Failure to obey instructions of facility personnel	_____ Failure to display overweight flag
_____ Failure to wear appropriate PPE	_____ Improper tarping or detarpin
_____ Unsafe driving practices	_____ Overweight upon arrival
_____ Other (specify _____)	

Security Guard Initials: _____
 (Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

NYH1446066

STATE OF NEW YORK
DEPARTMENT OF ENVIRONMENTAL CONSERVATION
DIVISION OF SOLID & HAZARDOUS MATERIALS

3027



CWMI

HAZARDOUS WASTE MANIFEST
P.O. Box 12820, Albany, New York 12212

(Hazardous Waste Manifest 5/00)

Please type or print. Do not staple.

In case of emergency or spill immediately call the National Response Center (800) 424-8802 and the NYS Department of Environmental Conservation (518) 457-7362

GENERATOR

TRANSPORTER

FACILITY

UNIFORM HAZARDOUS WASTE MANIFEST		1. Generator's US EPA No. NYD067539940		Manifest Doc. No.		2. Page 1 of 1		Information within heavy bold line is not required by Federal Law.			
3. Generator's Name and Mailing Address GE COMPANY 175 MILENS RD TONAWANDA NY 14150-6701						A. NYH1446066					
4. Generator's Telephone Number (716) 876-1200						B. Generator's ID SAME					
5. Transporter 1 (Company Name) PRICE TRUCKING				6. US EPA ID Number NYD049836879		C. State Transporter's ID 418-11A					
7. Transporter 2 (Company Name)				8. US EPA ID Number		D. Transporter's Telephone (716) 876-1475					
9. Designated Facility Name and Site Address CWM CHEMICAL SERVICES, L.L.C. 1550 BALMER RD. MODEL CITY NY 14107						E. State Transporter's ID					
10. US EPA ID Number NYD049836879						F. Transporter's Telephone ()					
11. US DOT Description (Including Proper Shipping Name, Hazard Class and ID Number) a. RQ, POLYCHLORINATED BIPHENYLS, SOLID MIXTURE 9,UN2315,III						12. Containers Number Type 0 0 1 C M		13. Total Quantity EST 7000		14. Unit Wt/Vol K	
b.										I. Waste No. EPA STATE B007	
c.										EPA STATE	
d.										EPA STATE	
J. Additional Descriptions for Materials listed Above a. CW4738 (PCB SOIL/CONCRETE/ASPHALT)						K. Handling Codes for Wastes Listed Above a. <input checked="" type="checkbox"/> L <input type="checkbox"/> c. <input type="checkbox"/>					
b.						b. <input type="checkbox"/> d. <input type="checkbox"/>					
15. Special Handling Instructions and Additional Information CHEMTREC Emergency Response Number (800) 424-9300 WMI Contract SR# _____ OUT OF SERVICE DATE: 12/4/04						* WEIGHT IS ESTIMATED 81591520					
16. GENERATOR'S CERTIFICATION: I hereby declare that the contents of this consignment are fully and accurately described above by proper shipping name and are classified, packed, marked and labeled, and are in all respects in proper condition for transport by highway according to applicable international and national government regulations and state laws and regulations. If I am large quantity generator, I certify that I have a program in place to reduce the volume and toxicity of waste generated to the degree I have determined to be economically practicable and that I have selected the practicable method of treatment, storage, or disposal currently available to me which minimizes the present and future threat to human health and the environment; OR if I am a smaller generator, I have made a good faith effort to minimize my waste generation and select the best waste management method that is available to me and that I can afford.											
Printed/Typed Name Ronald Riggs				Signature <i>Ronald Riggs</i>				Mo. Day Year 11 20 04			
17. Transporter 1 Acknowledgement of Receipt of Materials						18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name George Arnetta				Signature <i>George Arnetta</i>				Mo. Day Year 11 20 04			
Printed/Typed Name				Signature				Mo. Day Year			
19. Discrepancy Indication Space Act for 13871K Manifest Doc # omitted by Gen											
20. Facility Owner or Operator: Certification of receipt of hazardous materials covered by this manifest except as noted in item 19.											
Printed/Typed Name Michelle Fleck				Signature <i>Michelle Fleck</i>				Mo. Day Year 11 20 04			



Transporter Log
CWM Chemical Services, Inc.
 Model City, NY

128815

I

~~3030~~
 Cubic Yards

31591520
 Receipt #

41809PA NY
 Trailer License Plate # and State

SCALE 1 68260 LB G

07:02 AM 12/07/04 II

Service Req. #

Profile #

Permit #

PRICE TRUCKING
 Transporter Name

40003022
 Tractor/Trailer/Roll-off #

SCALE 2 37680 LB G

10:05 AM 12/07/04 I2

George Aroneta
 Driver's Name

Generator

TON'S
 15.29

Scheduled Arrival: _____

Actual Arrival: _____
 Date Time Date Time In Time Out

30580P

13871K

Arrived during Blackout? Y / N Notified DEC? Y / N

Leaker Permit Violation Placarding/Veh. I.D. Violation

Other (specify) _____

Bulk to Landfill No wet line Flatbed Stabilization Drums Tanker Transformers

Laboratory

Time In Time Out Initials Comments

MANIFEST # NYH1446066

Stabilization

Time In Time Out Initials Gross Wt. Comments

Landfill

Time In Time Out Initials Comments

Other

Time In Time Out Initials Comments

Aqueous Treatment

Time In Time Out Signature (NO Initials) Comments

12/2/04
 7143926-1
 580T

Facility Personnel (please initial)

- _____ Smoking or eating in prohibited areas
- _____ Leaving truck unattended
- _____ Failure to obey instructions of facility personnel
- _____ Failure to display overweight flag
- _____ Failure to wear appropriate PPE
- _____ Improper tarping or detarpin
- _____ Unsafe driving practices
- _____ Overweight upon arrival
- _____ Other (specify) _____

Security Guard Initials: _____
 (Indicating receipt of Wash Bay pass, if necessary)

Driver's Comments

WM HIGH ACRES LANDFILL
ALL LOADS MUST BE TAPPED OR TIED DOWN
FINES IMPOSED FOR UNSAFE ACTS
HATS & HIGH VIZ VESTS REQUIRED

TICKET: 426811
DATE: 12/08/2004
TIME: 07:25 - 08:25

CUSTOMER: 3933 / SLC-GE

P.O.: 04-249-004 SM 249-004
426811

GENERATOR: 0306 / GENERAL ELECTRIC
ORIGIN: NG / NIAGARA
TRUCK: BFC486 LICENSE: 80000

GROSS: 69740 LBS
TARE: 31340 LBS
NET: 38400 LBS

MANIFEST:
ROUTE: NA / Non App COUNTY: NY / NEW YORK GRID: CELL 7A
PROFICE #: CW4737 / GENERAL ELECTRIC (NON TSCA SOLIDS)L
COMMENT:

WASTE	NET/TONS	UNIT
02 / Special Waste - Landfill	19.20	T
FUELSUR / Fuel Surcharge		T

Driver: [Signature] Weighmaster: [Signature]

IN: Paula Schweizer B: NYFAIR01PC OUT: 38400 Paula Schweizer B: NYFAIR01PC

LOAD # **38407**
 TERMINAL #
 WORK ORDER #

BUFFALO FUEL CORP.

4870 Packard Rd.
 Niagara Falls, New York 14304
 (800) 677-8002

INVOICE
P004-249-004
426811
 FREIGHT BILL NO. (OFFICE USE ONLY)
EOS SLCLO

PICK UP DATE 12-7-04	TRUCK OWNER	DELIVERY DATE	TRUCK OWNER
DRIVER BINUC	DRIVER NO. 6183	DRIVER SMITC	DRIVER NO.
TRUCK NO. 486	TRAILER NO. FJ201	TRUCK NO.	TRAILER NO.
NAME C B	STREET	NAME HIGH WHEELS	STREET
CITY TONAWANDA NY	STATE NY	CITY FALCROFT NY	STATE NY
ZIP CODE	ZIP CODE	ADDITIONAL INFO/EQUIP. NEEDED	ADDITIONAL INFO/EQUIP. NEEDED

PRODUCT CODE	COMMODITY MATERIAL DESCRIPTION	QUANTITY	LBS	TONS	GALLONS	YARDS	ROLL OFF	BOX	SPOTTED:	PICKED UP:
	NON HAZ WASTE	38400	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

PICK UP

ARRIVAL TIME _____ AM _____ PM
 RELEASE TIME _____ AM _____ PM

TRAILER EMPTY UPON ARRIVAL (If not, explain below) YES NO

DIP MEASUREMENT (Tankers Only) _____ INCHES

COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X DRIVER'S SIGNATURE

X SHIPPER'S SIGNATURE

FIRM

DELIVERY

DRIVER **BINUC** DATE _____

ARRIVAL TIME _____ AM _____ PM
 RELEASE TIME _____ AM _____ PM

TRAILER EMPTY UPON DEPARTURE (If not, explain below) YES NO

COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X DRIVER'S SIGNATURE

X CONSIGNEE'S SIGNATURE

FIRM

BEGINNING HUBOMETER 17090	ENDING HUBOMETER 17226
START Loading Origin NY NY	VIA:
TO: TONAWANDA NY	VIA:
TO: FALCROFT NY	VIA:
TO:	VIA:
TO:	VIA:
TO:	VIA:
TO:	VIA:

N.Y.S. TOLL CARD #:
 M.A. TOLL CARD #:

RATE:	
HOLDING TIME	HRS. @ /HR.
VACUUM TIME	HRS. @ /HR.
RENTAL	DAYS @ /DAY
BAG LINER	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
OTHER CHGS.	
SALES TAX	
TRANSPORT TAX	
TOTAL AMOUNT	

... GH, ACRES LANDFILL
ALL LOADS MUST BE TARPED OR TIED DOWN
FINES IMPOSED FOR UNSAFE ACTS
RD HATS & HIGH VIZ VESTS REQUIRED

TICKET: 426692
DATE: 12/07/2004
TIME: 10:03 - 10:43

CUSTOMER: 3933 / SLC-GE

P.O.: 04-249-007-SM

GENERATOR: 0306 / GENERAL ELECTRIC

GROSS: 70900 LBS

ORIGIN: NG / NIAGARA

TARE: 34480 LBS

TRUCK: BFC477

LICENSE: 80000

NET: 36420 LBS

MANIFEST:

ROUTE: NA / Non App

COUNTY: NY / NEW YORK

GRID: CELL 7A

PROFILE #: CW4737 / GENERAL ELECTRIC (NON TSCA SOLIDS)L

COMMENT:

WASTE	NET/TONS	UNIT
02 / Special Waste - Landfill	18.21	T
FUELSUR / Fuel Surcharge		T

Driver: *B. Schweitzer*

Weighmaster: *AM*

IN: Paula Schweitzer B: NYFAIR01PC OUT: Paula Schweitzer B: NYFAIR01PC

BUFFALO FUEL CORP

INVOICE

36

10475

1570, Park Road, New York, N.Y. 10021
 (212) 576-9023

PICK UP DATE: *10/20/81* DELIVERY DATE: *10/20/81*

DRIVER NO: *10475* TRUCK NO: *10475*

NAME: *LC (42)* CITY: *Buff*

PRODUCT CODE	COMMODITY MATERIAL DESCRIPTION	QUANTITY	UNIT	PRICE	TOTAL
		<i>18.4</i>			

PICK UP

ADDRESS: *10475*

APPROVAL TIME: *10/20/81*

DRIVER'S SIGNATURE: *[Signature]*

DELIVERY

DATE: *10/20/81*

APPROVAL TIME: *10/20/81*

DRIVER'S SIGNATURE: *[Signature]*

BEGINNING HUBOMETER	ENDING HUBOMETER	VIA
<i>362</i>	<i>371</i>	<i>Local</i>
<i>Perpet 10475</i>	<i>1490-1494</i>	<i>Local</i>
<i>Perpet 10475</i>	<i>1490-1494</i>	<i>Local</i>
<i>Perpet 10475</i>	<i>1490-1494</i>	<i>Local</i>

NYSD TOLL CARD	
RATE	
VACUUM TIME	
RENTAL	
BAG INCH	
OTHER CHGS	
SALES TAX	
TRANSPORT TAX	
TOTAL AMOUNT	

DRIVER'S BROKER'S COPY

WM HIGH ACRES LANDFILL
ALL LOADS MUST BE TARPED OR TIED DOWN
FINES IMPOSED FOR UNSAFE ACTS
RD HATS & HIGH VIZ VESTS REQUIRED

TICKET: 426770
DATE: 12/07/2004
TIME: 14:44 - 15:21

CUSTOMER: 3933 / SLC-GE

P.O.: DE

GENERATOR: 0306 / GENERAL ELECTRIC

GROSS: 83560 LBS

ORIGIN: NG / NIAGARA

TARE: 34280 LBS

TRUCK: BFC477

LICENSE: 107000

NET: 49280 LBS

MANIFEST:

ROUTE: NA / Non App

COUNTY: NY / NEW YORK

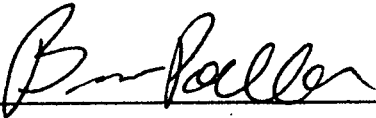
GRID: CELL 7A

PROFILE #: CW4737 / GENERAL ELECTRIC (NON TSCA SOLIDS)L

COMMENT:

WASTE	NET/TONS	UNIT
02 / Special Waste - Landfill	24.64	T
FUELSUR / Fuel Surcharge		T

Driver:



Weighmaster:



IN: Paula Schweizer B: NYFAIR01PC OUT: Paula Schweizer B: NYFAIR01PC

DUMPS • TOLL OFFS • VAC TANKERS • BULK TANKERS • BOX VANS • ILLINOIS • LOWBOYS

BUFFALO FUEL CORP.

4870 Packard Rd.
Niagara Falls, New York 14304
814-577-0022

INVOICE

75 04 244-004
11017713

HEIGHT 311
WEIGHT 51000

PICK UP DATE	TRUCK OWNER	DELIVERY DATE	TRUCK OWNER
DRIVER	DRIVER NO.	DRIVER	DRIVER NO.
TRAILER NO.	TRAILER NO.	TRUCK NO.	TRAILER NO.
NAME	NAME	NAME	NAME
STATE	STATE	STATE	STATE
ZIP CODE	ZIP CODE	ZIP CODE	ZIP CODE

PRODUCT CODE	COMMODITY MATERIAL DESCRIPTION	QUANTITY	UNIT	MARKS	REMARKS
		72.6	GALLONS		BOX PICKED UP

PICK UP		DELIVERY	
ARRIVAL TIME	RELEASE TIME	ARRIVAL TIME	RELEASE TIME
TRAILER EMPTY UPON ARRIVAL (floor clean only) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO		TRAILER EMPTY UPON DEPARTURE (floor clean only) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
COMMENTS: (EXPLAIN ALL DELAYS AND/OR LOADING TIME)		COMMENTS: (EXPLAIN ALL DELAYS AND/OR LOADING TIME)	
I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.		I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.	
DRIVER'S SIGNATURE	SHIPPER'S SIGNATURE	DRIVER'S SIGNATURE	CONSIGNEE'S SIGNATURE

BEGINNING HUBOMETER	ENDING HUBOMETER	VIS. TOLL CARD
312321	363026	
MAJOR CITIES	MAJOR ROUTES	DATE
Buffalo, NY	Local 190-57	
TO: Tonawanda, NY	190-441-RTEN	HOLDING TIME
		HRS. ○ MIN. ○
		VACUUM TIME
		HRS. ○ MIN. ○
		RENTAL
		DAYS ○ PER DAY
		BAG LINES
		<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
		OTHER CHGS.
		SALES TAX
		TRANSPORT TAX
		TOTAL AMOUNT

DRIVER'S BROKER'S COPY

12/17/04

WM HIGH ACRES LANDFILL
ALL LOADS MUST BE TARPED OR TIED DOWN
FINES IMPOSED FOR UNSAFE ACTS
RD HATS & HIGH VIZ VESTS REQUIRED

TICKET: 426681

DATE: 12/07/2004
TIME: 09:51 - 10:17
426681

CUSTOMER: 3933 / SLC-GE

P.O.: 04-249-007-SLCL0

GENERATOR: 0306 / GENERAL ELECTRIC

GROSS: 78100 LBS

ORIGIN: NG / NIAGARA

TARE: 36540 LBS

TRUCK: BFC490

LICENSE: 80000

NET: 41560 LBS

MANIFEST:

ROUTE: NA / Non App

COUNTY: NY / NEW YORK

GRID: CELL 7A

PROFILE #: CW4737 / GENERAL ELECTRIC (NON TSCA SOLIDS)L

COMMENT:

WASTE	NET/TONS	UNIT
02 / Special Waste - Landfill	20.78	T
FUELSUR / Fuel Surcharge		T

Driver: Mark Meyer

Weighmaster: 41560 PM

IN: Paula Schweizer B: NYFAIR01PC OUT: Paula Schweizer B: NYFAIR01PC

LOAD # **382132**
 TERMINAL #
 WORK ORDER # **01**

BUFFALO FUEL CORP.

4870 Packard Rd.
 Niagara Falls, New York 14304
 (800) 677-8002

INVOICE
PO 04-249-004
426681
 FREIGHT BILL NO. (OFFICE USE ONLY)
SLCLO

PICK UP DATE **12-7-04** TRUCK OWNER **BFC** DELIVERY DATE **12-7-04** TRUCK OWNER

DRIVER **M. Regan** DRIVER NO. **NEGM** DRIVER **SAME** DRIVER NO.

TRUCK NO. **490** TRAILER NO. **290 222** TRUCK NO. TRAILER NO.

NAME **S.L.C. (M&E)**
 STREET
 CITY **Tona** STATE **NY** ZIP CODE **CW 737**

NAME **High Acres (Landfill)**
 STREET
 CITY **Fairport NY** STATE ZIP CODE

ADDITIONAL INFO/EQUIP. NEEDED **CW 7437** **41500**

PRODUCT CODE	COMMODITY MATERIAL DESCRIPTION	QUANTITY	LBS TONS GALLONS YARDS	ROLL OFF BOX	SPOTTED: PICKED UP:
	Millings	1/2			

PICK UP
 ARRIVAL TIME _____ AM/PM
 TRAILER EMPTY UPON ARRIVAL (If not, explain below) YES NO
 DIP MEASUREMENT (Tankers Only) _____ INCHES
 COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME)

DELIVERY
 DRIVER _____ DATE _____ AM/PM
 ARRIVAL TIME _____ AM/PM
 TRAILER EMPTY UPON DEPARTURE (If not, explain below) YES NO
 COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME)

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X DRIVER'S SIGNATURE **[Signature]**
 X SHIPPER'S SIGNATURE **[Signature]** FIRM

X DRIVER'S SIGNATURE **[Signature]**
 X CONSIGNEE'S SIGNATURE **[Signature]** FIRM

BEGINNING HUBOMETER	ENDING HUBOMETER	MAJOR CITIES	MAJOR ROUTES
37050	37243	Tona, NY	290-90-490
		Fairport NY	31F

N.Y.S. TOLL CARD #:	
M.A. TOLL CARD #:	
RATE:	
HOLDING TIME	HRS. @ /HR.
VACUUM TIME	HRS. @ /HR.
RENTAL	DAYS @ /DAY
BAG LINER	<input type="checkbox"/> YES <input type="checkbox"/> NO
OTHER CHGS.	
SALES TAX	
TRANSPORT TAX	
TOTAL AMOUNT	

WM HIGH ACRES LANDFILL
ALL LOADS MUST BE TARPED OR TIED DOWN
FINES IMPOSED FOR UNSAFE ACTS
HARD HATS & HIGH VIZ VESTS REQUIRED

TICKET: 426652
DATE: 12/07/2004
TIME: 08:16 - 08:46

CUSTOMER: 3933 / SLC-GE

P.O.: 04-1349-007-SM
004-249-004

GENERATOR: 0306 / GENERAL ELECTRIC

GROSS: 90580 LBS Manual

ORIGIN: NG / NIAGARA

TARE: 31660 LBS Weight

TRUCK: BFC479

LICENSE: 107000

NET: 58920 LBS

SLCLO

MANIFEST: N/A

ROUTE: NA / Non App

COUNTY: NY / NEW YORK

GRID: CELL 7A

PROFILE #: CW4737 / GENERAL ELECTRIC (NON TSCA SOLIDS)L

COMMENT:

WASTE	NET/TONS	UNIT
02 / Special Waste - Landfill	29.46	T
FUELSUR / Fuel Surcharge		T

Driver: MSL

Weighmaster: DE

IN: Paula Schweizer B: NYFAIR01PC OUT: Paula Schweizer B: NYFAIR01PC

BUFFALO FUEL CORP.

4870 Packard Rd.
Niagara Falls, New York 14304
(800) 677-8002

INVOICE	
1004-249-004	
FREIGHT BILL NO. (OFFICE USE ONLY)	SLCLO

LOAD #	382109
TERMINAL #	01
WC	DER #

PICK UP DATE	12-6-04	TRUCK OWNER	BFC	DELIVERY DATE	12-7-04	TRUCK OWNER	BFC
DRIVER	M. Negroni	DRIVER NO.	NR6M	DRIVER	Michael Steed	DRIVER NO.	GLEM
TRUCK NO.	490	TRAILER NO.	190	TRUCK NO.	479	TRAILER NO.	FD190

NAME	SLC - (USE)	NAME	High Acres
STREET		STREET	
CITY	Tona	CITY	Fairport
STATE	NY	STATE	NY
ZIP CODE		ZIP CODE	

ADDITIONAL INFO/EQUIP. NEEDED	Profile CW4739	ADDITIONAL INFO/EQUIP. NEEDED	
-------------------------------	----------------	-------------------------------	--

PRODUCT CODE	COMMODITY MATERIAL DESCRIPTION	QUANTITY	LBS	TONS	GALLONS	YARDS	ROLL OFF	BOX	SPOTTED:	PICKED UP:
	Bit - Milling	58920	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

PICK UP

ARRIVAL TIME _____ AM _____ PM
RELEASE TIME _____ AM _____ PM

TRAILER EMPTY UPON ARRIVAL (If not, explain below) YES NO

DIP MEASUREMENT (Tankers Only) _____ INCHES

COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____

DELIVERY

ARRIVAL TIME _____ AM _____ PM
RELEASE TIME _____ AM _____ PM

TRAILER EMPTY UPON DEPARTURE (If not, explain below) YES NO

COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X DRIVER'S SIGNATURE *[Signature]*

X SHIPPER'S SIGNATURE *[Signature]* FIRM

X DRIVER'S SIGNATURE *[Signature]*

X CONSIGNEE'S SIGNATURE *[Signature]* FIRM

BEGINNING HUBOMETER	36996	ENDING HUBOMETER	
MAJOR CITIES	Tona NY, Fairport NY	MAJOR ROUTES	
START loading Origin	Tona NY	VIA:	
O:	Fairport NY	VIA:	278831
O:	479 278720	VIA:	Local 190, 290E, 90E, 490W
O:	Niagara Falls NY	VIA:	31F, Local
O:	Fairport NY	VIA:	
O:		VIA:	
O:		VIA:	

N.Y.S. TOLL CARD #:	
M.A. TOLL CARD #:	
RATE:	
HOLDING TIME	HRS. @ /HR.
VACUUM TIME	HRS. @ /HR.
RENTAL	DAYS @ /DAY
BAG LINER	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
OTHER CHGS.	
SALES TAX	
TRANSPORT TAX	
TOTAL AMOUNT	

WM HIGH ACRES LANDFILL
ALL LOADS MUST BE TARPED OR TIED DOWN
FINES IMPOSED FOR UNSAFE ACTS
RD HATS & HIGH VIZ VESTS REQUIRED

TICKET: 426764
DATE: 12/07/2004
TIME: 14:30 - 14:59

38813
CUSTOMER: 3933 / SLC-GE

P.O.: DE

GENERATOR: 0306 / GENERAL ELECTRIC

GROSS: 77360 LBS

ORIGIN: NY / NIAGARA

TARE: 33440 LBS

TRUCK: WFC1855

LICENSE: 107000

NET: 43920 LBS

MANIFEST:

WASTE: NA / Non App

COUNTY: NY / NEW YORK

GRID: CELL 7A

WASTE # #: CW4737 / GENERAL ELECTRIC (NON TSCA SOLIDS)L

COMMENT:

WASTE	NET/TONS	UNIT
02 / Special Waste - Landfill	21.96	T
FUELSUR / Fuel Surcharge		T

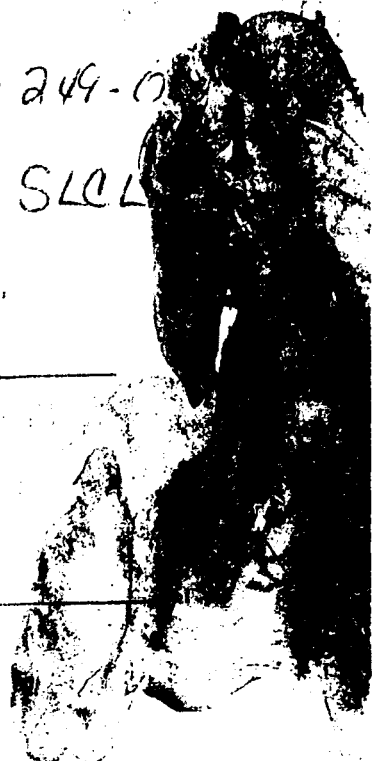
Driver:



Weighmaster:



IN: Paula Schweizer B: NYFAIR01PC OUT: Paula Schweizer B: NYFAIR01PC



LOAD # 382134
 TERMINAL #
 WORKER #

BUFFALO FUEL CORP.

4870 Packard Rd.
 Niagara Falls, New York 14304
 (800) 677-8002

INVOICE # P004-209-004
 FREIGHT BILL NO. (OFFICE USE ONLY) SLC6

PICK UP DATE 12/7/04	TRUCK OWNER BFC	DELIVERY DATE 12/7/04	TRUCK OWNER
DRIVER Adam Hamilton	DRIVER NO. HAMIA	DRIVER Same	DRIVER NO.
TRUCK NO. 1855	TRAILER NO. D249	TRUCK NO.	TRAILER NO.
NAME SLC (B.E.)	NAME High Acres		
STREET	STREET		
CITY Tonawanda NY	CITY Fairport NY	STATE	STATE NY
ZIP CODE	ZIP CODE		
ADDITIONAL INFO/EQUIP. NEEDED	ADDITIONAL INFO/EQUIP. NEEDED		

PRODUCT CODE	COMMODITY MATERIAL DESCRIPTION	QUANTITY	LBS	TONS	GALLONS	YARDS	ROLL OFF	BOX	SPOTTED:	PICKED UP:
	Dirt						<input type="checkbox"/>	<input type="checkbox"/>		

PICK UP

ARRIVAL TIME _____ AM/PM
 RELEASE TIME _____ AM/PM

TRAILER EMPTY UPON ARRIVAL (If not, explain below) YES NO

DIP MEASUREMENT (Tankers Only) _____ INCHES

COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____

DELIVERY

ARRIVAL TIME _____ AM/PM
 RELEASE TIME _____ AM/PM

TRAILER EMPTY UPON DEPARTURE (If not, explain below) YES NO

COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X DRIVER'S SIGNATURE *[Signature]*

X SHIPPER'S SIGNATURE *[Signature]* FIRM

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X DRIVER'S SIGNATURE *[Signature]*

X CONSIGNEE'S SIGNATURE *[Signature]* FIRM

BEGINNING HUBOMETER 446428	ENDING HUBOMETER 446805
MAJOR CITIES	MAJOR ROUTES
START loading Origin Tonawanda NY	VIA: 290
TO: Fairport NY	VIA: 900 490w
	VIA: 317 E
	VIA:
	VIA:
	VIA:
	VIA:

NY.S. TOLL CARD #	M.A. TOLL CARD #
RATE:	
HOLDING TIME	HRS. @ /HR.
VACUUM TIME	HRS. @ /HR.
RENTAL	DAYS @ /DAY
BAG LINER	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
OTHER CHGS.	
SALES TAX	
TRANSPORT TAX	
TOTAL AMOUNT	

WM HIGH ACRES LANDFILL
ALL LOADS MUST BE TARPED OR TIED DOWN
FINES IMPOSED FOR UNSAFE ACTS
RD HATS & HIGH VIZ VESTS REQUIRED

TICKET: 426672
DATE: 12/07/2004
TIME: 09:21 - 09:51

CUSTOMER: 3933 / SLC-GE

P.O.: 04249-007-SM
PO 04-249-004

GENERATOR: 0306 / GENERAL ELECTRIC

GROSS: 78140 LBS

ORIGIN: NG / NIAGARA

TARE: 33700 LBS

TRUCK: BFC1855

LICENSE: 107000

NET: 44440 LBS

MANIFEST:

ROUTE: NA / Non App

COUNTY: NY / NEW YORK

GRID: CELL 7A

PROFILE #: CW4737 / GENERAL ELECTRIC (NON TSCA SOLIDS)L

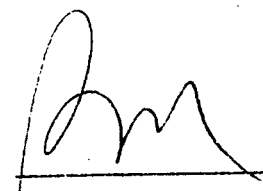
COMMENT:

WASTE	NET/TONS	UNIT
02 / Special Waste - Landfill	22.22	T
FUELSUR / Fuel Surcharge		T

Driver:



Weighmaster:



IN: Paula Schweizer B: NYFAIR01PC OUT: Paula Schweizer B: NYFAIR01PC

BUFFALO FUEL CORP.

4870 Packard Rd.
Niagara Falls, New York 14304
(800) 677-8002

INVOICE
PO 04-249-004
FREIGHT BILL NO. (OFFICE USE ONLY)
SLCLO

LOAD #	382110
TERMINAL #	
WO #	
ER #	

PICK UP DATE	12/6/04	TRUCK OWNER	BFE	DELIVERY DATE	12/7/04	TRUCK OWNER	
DRIVER	Adam Hamilton	DRIVER NO.	HAAMA	DRIVER	Gene	DRIVER NO.	
TRUCK NO.	1855	TRAILER NO.	D249	TRUCK NO.		TRAILER NO.	
NAME	SLC (GE)			NAME	High Acers		
STREET				STREET			
CITY	Tonawanda	STATE	NY	CITY	Fairport	STATE	NY
ZIP CODE		ZIP CODE		ZIP CODE		ZIP CODE	
ADDITIONAL INFO/EQUIP. NEEDED				ADDITIONAL INFO/EQUIP. NEEDED			

PRODUCT CODE	COMMODITY MATERIAL DESCRIPTION	QUANTITY	LBS	TONS	GALLONS	YARDS	ROLL OFF BOX	SPOTTED:	PICKED UP:
	Dirt		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		

PICK UP

ARRIVAL TIME _____ AM _____ PM
RELEASE TIME _____ AM _____ PM

TRAILER EMPTY UPON ARRIVAL (If not, explain below) YES NO

DIP MEASUREMENT (Tankers Only) _____ INCHES

COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____

DELIVERY

ARRIVAL TIME _____ AM _____ PM
RELEASE TIME _____ AM _____ PM

TRAILER EMPTY UPON DEPARTURE (If not, explain below) YES NO

COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

DRIVER'S SIGNATURE _____

SHIPPER'S SIGNATURE _____

FIRM _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

DRIVER'S SIGNATURE _____

CONSIGNEE'S SIGNATURE _____

FIRM _____

BEGINNING HUBOMETER	446428	ENDING HUBOMETER	4410667
START	Niagara Falls NY	VIA:	1903 290
1:	Tonawanda NY	VIA:	1904 90E
2:	Niagara Falls NY	VIA:	490W 31E
3:	Fairport NY	VIA:	
4:	Tonawanda NY	VIA:	
5:		VIA:	
6:		VIA:	

N.Y.S. TOLL CARD #:	
M.A. TOLL CARD #:	
RATE:	
HOLDING TIME	HRS. @ /HR.
VACUUM TIME	HRS. @ /HR.
RENTAL	DAYS @ /DAY
BAG LINER	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
OTHER CHGS.	
SALES TAX	
TRANSPORT TAX	
TOTAL AMOUNT	

WM HIGH ACRES LANDFILL
ALL LOADS MUST BE TARPED OR TIED DOWN
FINES IMPOSED FOR UNSAFE ACTS
HARD HATS & HIGH VIZ VESTS REQUIRED

TICKET: 427091
DATE: 12/09/2004
TIME: 13:53 - 14:13

CUSTOMER: 3933 / SLC-GE

P.O.: DE Po 04-249-004

GENERATOR: 0306 / GENERAL ELECTRIC

GROSS: 76140 ~~LBS~~ 427091

ORIGIN: NG / NIAGARA

TARE: 36400 LBS

TRUCK: BFC487

LICENSE: 107000

NET: 39740 LBS

SLCLO

MANIFEST:

ROUTE: NA / Non App

COUNTY: NY / NEW YORK

GRID: CELL 7A

PROFILE #: CW4737 / GENERAL ELECTRIC (NON TSCA SOLIDS)L

COMMENT:

WASTE	NET/TONS	UNIT
02 / Special Waste - Landfill	19.87	T
FUELSUR / Fuel Surcharge		T

Driver: H. Krone

Master: 39740

IN: Paula Schweizer B: NYFAIR01PC OUT: Paula Schweizer B: NYFAIR01PC

DUMPS • ROLL-OFFS • VAC TANKERS • BULK TANKERS • BOX VANS • FLATBEDS • LOWBOYS

BFC 487

BUFFALO FUEL CORP.

4870 Packard Rd.
Niagara Falls, New York 14304
(800) 677-8002

LOAD # **397135**
 TERM **Or**
 WORK ORDER #

INVOICE
 Po **04-249-004**
427099
 FREIGHT BILL NO. (OFFICE USE ONLY) **SLCLO**

PICK UP DATE 12-6-04	TRUCK OWNER BFC	DELIVERY DATE 12-8-04	TRUCK OWNER
DRIVER M. Hagen	DRIVER NO. NEGM	DRIVER Hattley Kroening	DRIVER NO. KROH
TRUCK NO. 490	TRAILER NO. 222	TRUCK NO. 487	TRAILER NO. 022
NAME SLC (N-C)	NAME High Acres / Landfill		
CITY Tonawanda	CITY Fairport		
STATE N.Y.	STATE N.Y.		
ZIP CODE	ZIP CODE		
ADDITIONAL INFO/EQUIP. NEEDED CWH 437	ADDITIONAL INFO/EQUIP. NEEDED (39740) 19.87		

PRODUCT CODE	COMMODITY MATERIAL DESCRIPTION Mittens	QUANTITY TL	LBS <input type="checkbox"/>	ROLL OFF <input type="checkbox"/>	SPOTTED:
			TONS <input checked="" type="checkbox"/>	BOX <input type="checkbox"/>	PICKED UP:
			GALLONS <input type="checkbox"/>		
			YARDS <input type="checkbox"/>		

PICK UP

ARRIVAL TIME _____ AM _____ PM

RELEASE TIME _____ AM _____ PM

TRAILER EMPTY UPON ARRIVAL YES NO
(If not, explain below)

DIP MEASUREMENT (Tankers Only) _____ INCHES

COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____

DELIVERY

ARRIVAL TIME _____ AM _____ PM

RELEASE TIME _____ AM _____ PM

TRAILER EMPTY UPON DEPARTURE YES NO
(If not, explain below)

COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X DRIVER'S SIGNATURE **[Signature]** TRUCK # **487**

X SHIPPER'S SIGNATURE **[Signature]** FIRM **GE**

I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.

X DRIVER'S SIGNATURE **[Signature]**

X CONSIGNEE'S SIGNATURE **[Signature]** FIRM **High Acres**

BEGINNING HUBOMETER 37243	ENDING HUBOMETER 18987
START Loading Origin Ton. N.Y.	VIA:
TO: Fairport NY	VIA:
TO: Niagara Falls NY	VIA: 170^S - 290^E 90^E
TO: Fairport NY	VIA: 390^N - 490^E 441^E
TO: Niagara Falls NY	VIA: 441^W - 490^W - 531^W
	VIA: 31A 31

N.Y.S. TOLL CARD #

M.A. TOLL CARD #

RATE:

HOLDING TIME HRS. @ /HR.

VACUUM TIME HRS. @ /HR.

RENTAL DAYS @ /DAY

BAG LINER YES NO

OTHER CHGS.

SALES TAX

TRANSPORT TAX

TOTAL AMOUNT

ORIGINAL

WM HIGH ACRES LANDFILL
ALL LOADS MUST BE TARPED OR TIED DOWN
FINES IMPOSED FOR UNSAFE ACTS
HARD HATS & HIGH VIZ VESTS REQUIRED

TICKET: 426805
DATE: 12/08/2004
TIME: 07:27 - 07:59

CUSTOMER: 3933 / SLC-GE

P.O.: 04-249-007-SM

GENERATOR: 0306 / GENERAL ELECTRIC

GROSS: 77000 LBS

ORIGIN: NG / NIAGARA

TARE: 33920 LBS

TRUCK: BFC489

LICENSE: 80000

NET: 43080 LBS

MANIFEST:

ROUTE: NA / Non App

COUNTY: NY / NEW YORK

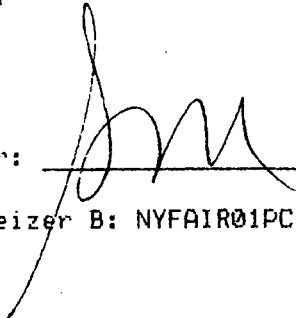
GRID: CELL 7A

PROFILE #: CW4737 / GENERAL ELECTRIC (NON TSCA SOLIDS)L

COMMENT:

WASTE	NET/TONS	UNIT
02 / Special Waste - Landfill	21.54	T
FUELSUR / Fuel Surcharge		T

Driver: _____

Weighmaster: 

IN: Paula Schweizer B: NYFAIR01PC OUT: Paula Schweizer B: NYFAIR01PC

DUMPS • ROLL-OFFS • VAC TANKERS • BULK TANKERS • BOX VANS • FLATBEDS • LOWBOYS

BUFFALO FUEL CORP.

4870 Packard Rd
Niagara Falls, New York 14304
(800) 677-8002

INVOICE	
750 04 249 004	436805
FREIGHT BILE NO. OFFICE USE ONLY	
SLOLO	

PICK UP DATE	TRUCK OWNER	DELIVERY DATE	TRUCK OWNER
DRIVER NO.	DRIVER NO.	DRIVER NO.	DRIVER NO.
TRUCK NO.	TRUCK NO.	TRUCK NO.	TRUCK NO.
NAME	NAME	NAME	NAME
STREET	STREET	STREET	STREET
CITY	CITY	CITY	CITY
STATE	STATE	STATE	STATE
ZIP CODE	ZIP CODE	ZIP CODE	ZIP CODE
ADDITIONAL INFO/NOTE NEEDED		ADDITIONAL INFO/NOTE NEEDED	

PRODUCT CODE	COMMODITY MATERIAL DESCRIPTION	QUANTITY	UNITS	ROLL-OFF	BOX	TRUCKS
			TONS			
			GALLONS			
			YARDS			

PICK UP		DELIVERY	
ARRIVAL TIME	RELEASE TIME	ARRIVAL TIME	RELEASE TIME
TRAILER EMPTY UPON ARRIVAL (If not, explain below) <input type="checkbox"/> YES <input type="checkbox"/> NO		TRAILER EMPTY UPON DEPARTURE (If not, explain below) <input type="checkbox"/> YES <input type="checkbox"/> NO	
COMMENTS (EXPLAIN ALL DELAYS AND / OR LOADING TIME)		COMMENTS (EXPLAIN ALL DELAYS AND / OR LOADING TIME)	
I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.		I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.	
DRIVER'S SIGNATURE		DRIVER'S SIGNATURE	
SHIPPER'S SIGNATURE		CONSIGNEE'S SIGNATURE	

BEGINNING HUBOMETER	ENDING HUBOMETER	NYS TOL CARD
MAJOR CITIES	MAJOR ROUTES	MA TOL CARD
START	START	RATE
TO	TO	HOLDING TIME
TO	TO	VAGUITY TIME
TO	TO	RENTAL
TO	TO	BAG LINER
TO	TO	OTHER FEES
TO	TO	SALES TAX
TO	TO	TRANSPORT TAX
TO	TO	TOTAL AMOUNT

DRIVER'S BROKER'S COPY

WM HIGH ACRES LANDFILL
ALL LOADS MUST BE TARPED OR TIED DOWN
FINES IMPOSED FOR UNSAFE ACTS.
HARD HATS & HIGH VIZ VESTS REQUIRED

CUSTOMER: 3933 / SLC-GE

GENERATOR: 0306 / GENERAL ELECTRIC
ORIGIN: NG / NIAGARA
TRUCK: BFC1857 LICENSE: 80000
MANIFEST:
ROUTE: NA / Non App COUNTY: NY / NEW YORK
PROFILE #: CW4737 / GENERAL ELECTRIC (NON TSCA SOLIDS)
COMMENT:

TICKET: 426807
DATE: 12/08/2004
TIME: 07:26 - 08:11

04-249-004
390364
12/9 P.O.: 04-249-007-SM
358

GROSS: 158800 LBS
TARE: 34200 LBS
NET: 34600 LBS

GRID: CELL 7A
N
RFB

WASTE	NET/TONS	UNIT
02 / Special Waste - Landfill	17.30	T
FUELSUR / Fuel Surcharge		T

Driver: Paula Schweizer

Weighmaster: [Signature]

IN: Paula Schweizer B: NYFAIR01PC OUT: Paula Schweizer B: NYFAIR01PC

BUFFALO FUEL CORP.

4870 Packard Rd.
Niagara Falls, New York 14304
(800) 677-8002

INVOICE	
Po 04-249-004	
426807	
FREIGHT BILL NO. (OFFICE USE ONLY)	SLCLD

LOAD #	302154
TERMINAL #	
WORK ORDER #	

PICK UP DATE	12-7-04	TRUCK OWNER	BFC	DELIVERY DATE	12-8-04	TRUCK OWNER	BFC
DRIVER	Vincent Merocki	DRIVER NO.	MEAV	DRIVER	Sam E	DRIVER NO.	
TRUCK NO.	1857	TRAILER NO.	14201	TRUCK NO.		TRAILER NO.	
NAME	GE	NAME	High Access	NAME		NAME	
STREET		STREET		STREET		STREET	
CITY	Tonawanda NY	CITY	Fairport NY	CITY		CITY	
STATE	NY	STATE	NY	STATE		STATE	
ZIP CODE		ZIP CODE		ZIP CODE		ZIP CODE	
ADDITIONAL INFO/EQUIP. NEEDED				ADDITIONAL INFO/EQUIP. NEEDED			

PRODUCT CODE	COMMODITY MATERIAL DESCRIPTION	QUANTITY	LBS TONS GALLONS YARDS	ROLL OFF BOX	SPOTTED:
	Waste	35,000		<input checked="" type="checkbox"/>	PICKED UP:

PICK UP	
ARRIVAL TIME _____ AM PM	
RELEASE TIME _____ AM PM	
TRAILER EMPTY UPON ARRIVAL (If not, explain below) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
DIP MEASUREMENT (Tankers Only) _____ INCHES	
COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____	
I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.	
X <i>Vincent Merocki</i>	DRIVER'S SIGNATURE
X <i>[Signature]</i>	SHIPPER'S SIGNATURE
	FIRM

DELIVERY	
ARRIVAL TIME _____ AM PM	
RELEASE TIME _____ AM PM	
TRAILER EMPTY UPON DEPARTURE (If not, explain below) <input checked="" type="checkbox"/> YES <input type="checkbox"/> NO	
COMMENTS: (EXPLAIN ALL DELAYS AND / OR LOADING TIME) _____	
I, THE UNDERSIGNED, CERTIFY THAT THE ABOVE INFORMATION IS TRUE AND COMPLETE.	
X <i>Vincent Merocki</i>	DRIVER'S SIGNATURE
X <i>[Signature]</i>	CONSIGNEE'S SIGNATURE
	FIRM

BEGINNING HUBOMETER	448274	ENDING HUBOMETER	
MAJOR CITIES		MAJOR ROUTES	
START Loading Origin	Niagara Falls	VIA:	190-290-local-local
TO:	Fairport	VIA:	190-290-90-390-441
		VIA:	local-local-local
TO:		VIA:	
TO:		VIA:	
TO:		VIA:	

N.Y.S. TOLL CARD #:	
M.A. TOLL CARD #:	
RATE:	
HOLDING TIME	HRS. @ /HR.
VACUUM TIME	HRS. @ /HR.
RENTAL	DAYS @ /DAY
BAG LINER	<input checked="" type="checkbox"/> YES <input type="checkbox"/> NO
OTHER CHGS.	
SALES TAX	
TRANSPORT TAX	
TOTAL AMOUNT	

APPENDIX G
PHOTOGRAPHS

CLEANING AND COATING OF SHOP FLOOR
GE ENERGY TONAWANDA, NEW YORK



Photo 1: Applying cleaner to the floor.

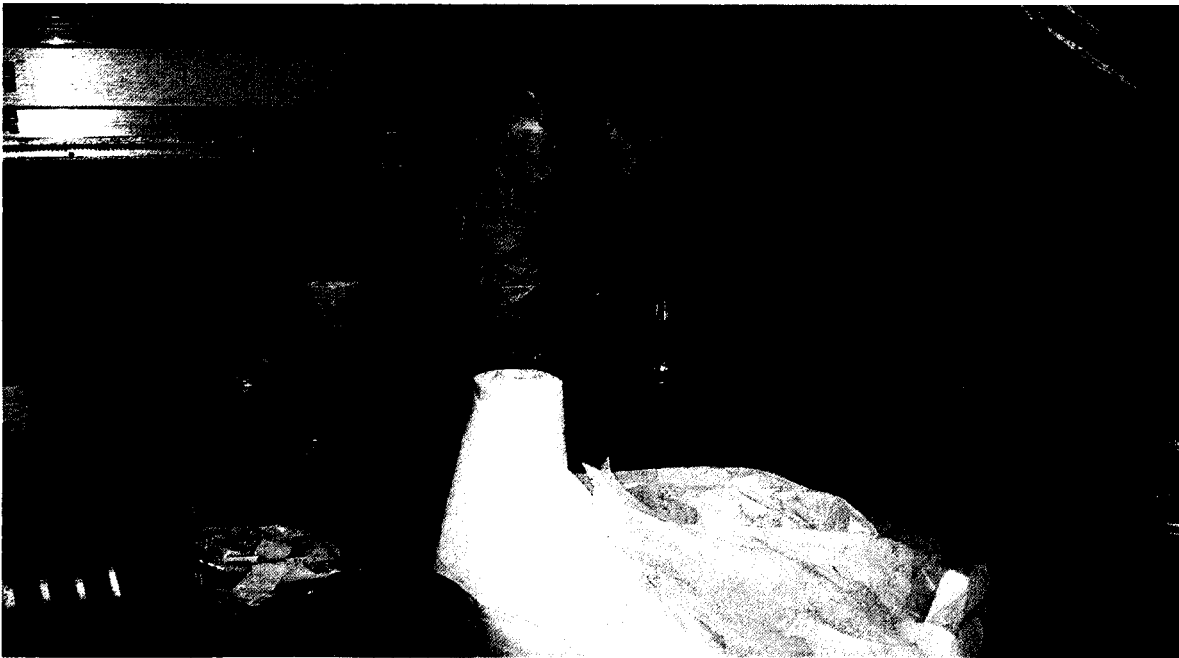


Photo 2: Scrubbing the floor.

CLEANING AND COATING OF SHOP FLOOR
GE ENERGY TONAWANDA, NEW YORK

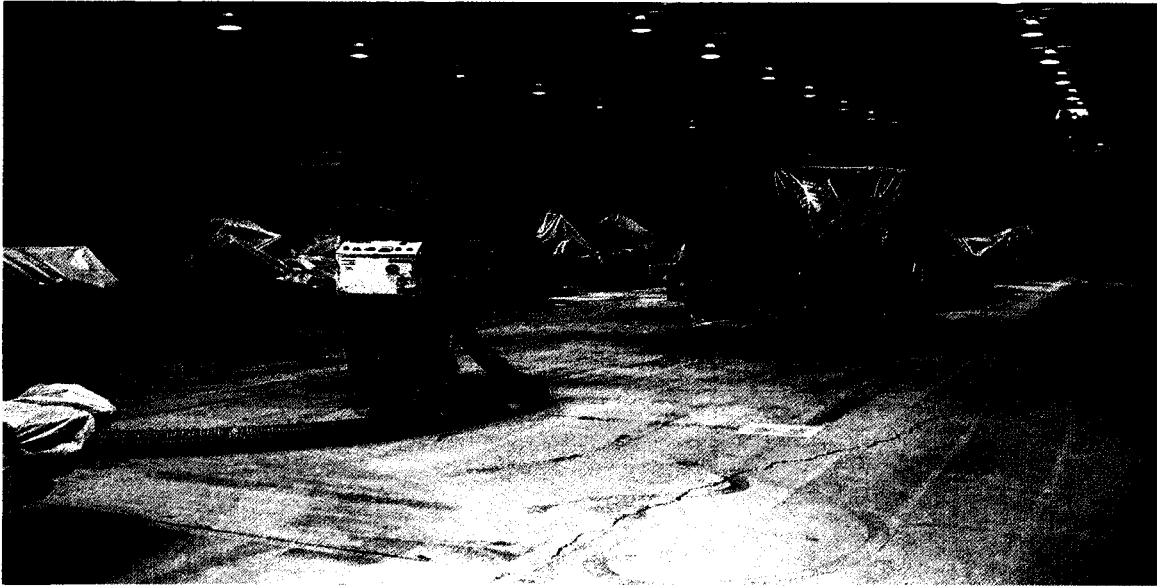


Photo 3: Shot blaster and roughened floor with edging partially complete.

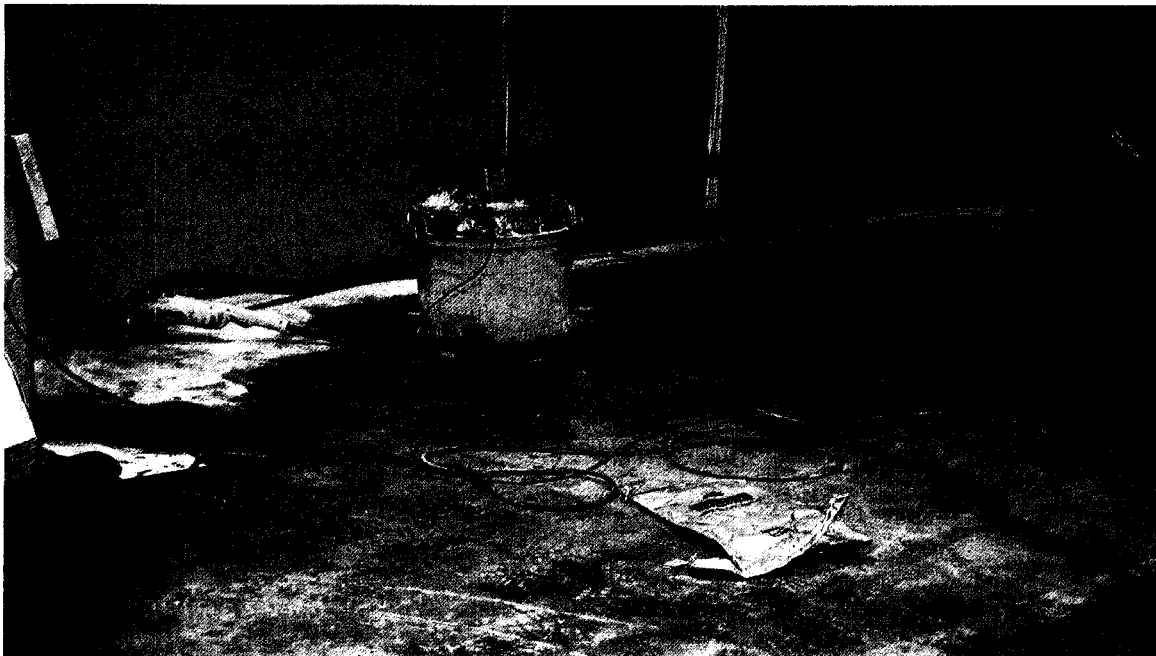


Photo 4: Hose and vacuum for collecting dust.

CLEANING AND COATING OF SHOP FLOOR
GE ENERGY TONAWANDA, NEW YORK



Photo 5: The setup for hand grinding around stationary objects.



Photo 6: Shot blasted and edges ground; view of the paint booth.

CLEANING AND COATING OF SHOP FLOOR
GE ENERGY TONAWANDA, NEW YORK



Photo 7: Applying primer to prepared surface.



Photo 8: Applying tan matrix or trowel-on coat and power troweling.

CLEANING AND COATING OF SHOP FLOOR
GE ENERGY TONAWANDA, NEW YORK



Photo 9: Hand troweling tan matrix coat.

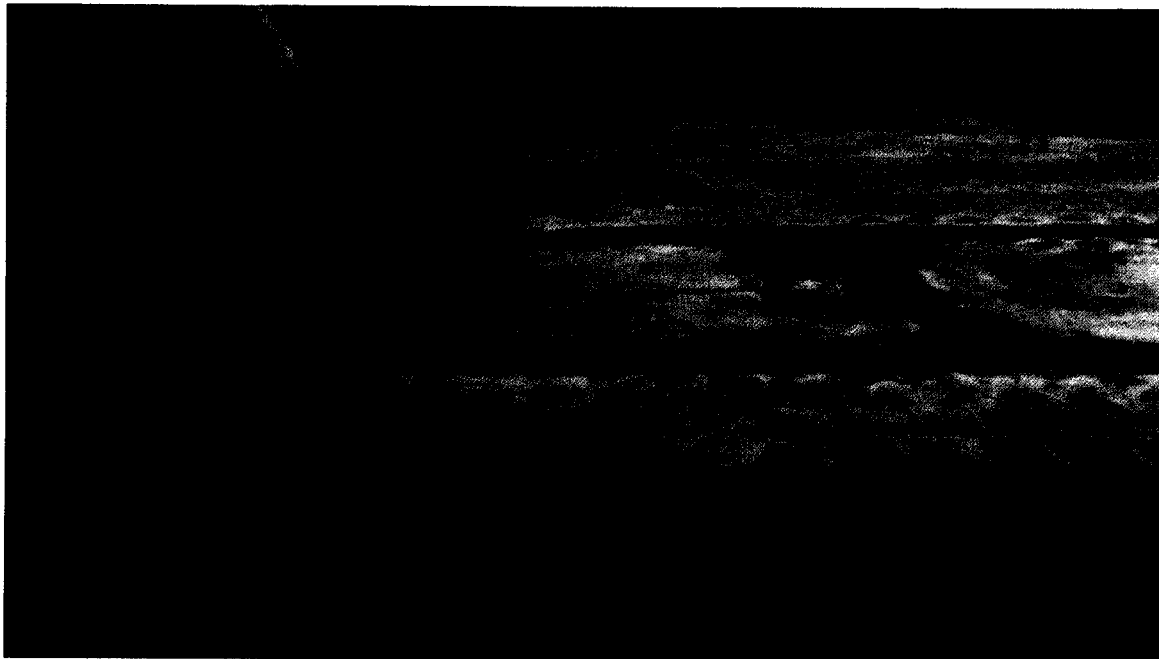


Photo 10: Preparing for the finish coat by grinding the matrix coat.

CLEANING AND COATING OF SHOP FLOOR
GE ENERGY TONAWANDA, NEW YORK

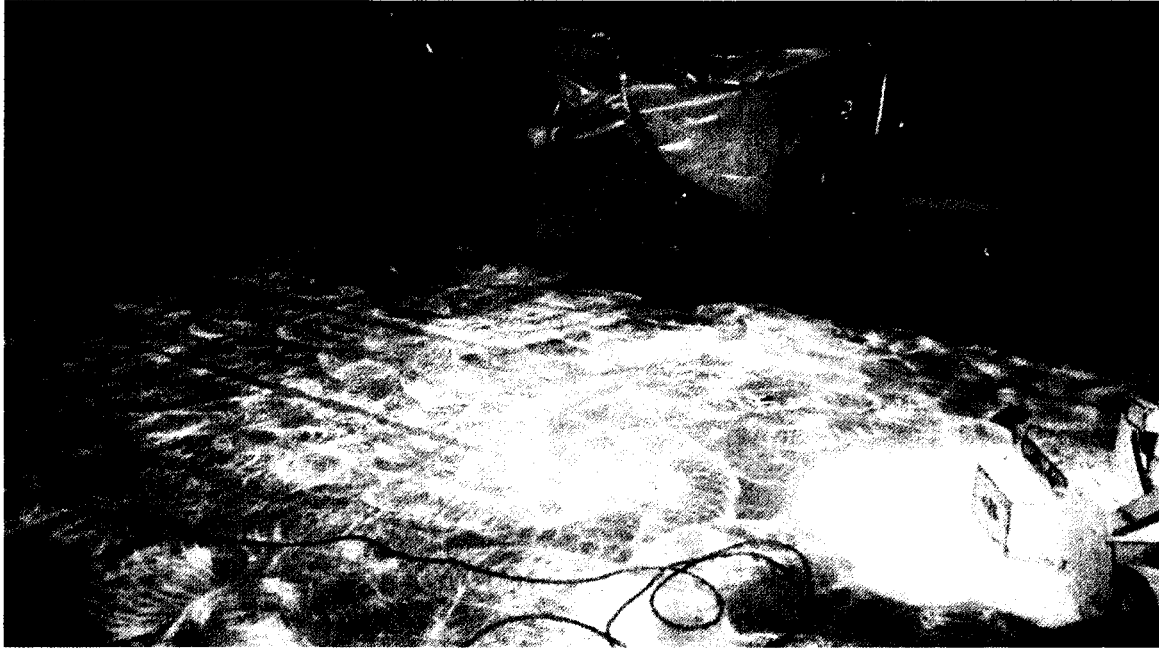


Photo 11: View of floor grinding prior to application of the final coat.



Photo 12: Rolling on the light grey finish coat.

CLEANING AND COATING OF SHOP FLOOR
GE ENERGY TONAWANDA, NEW YORK

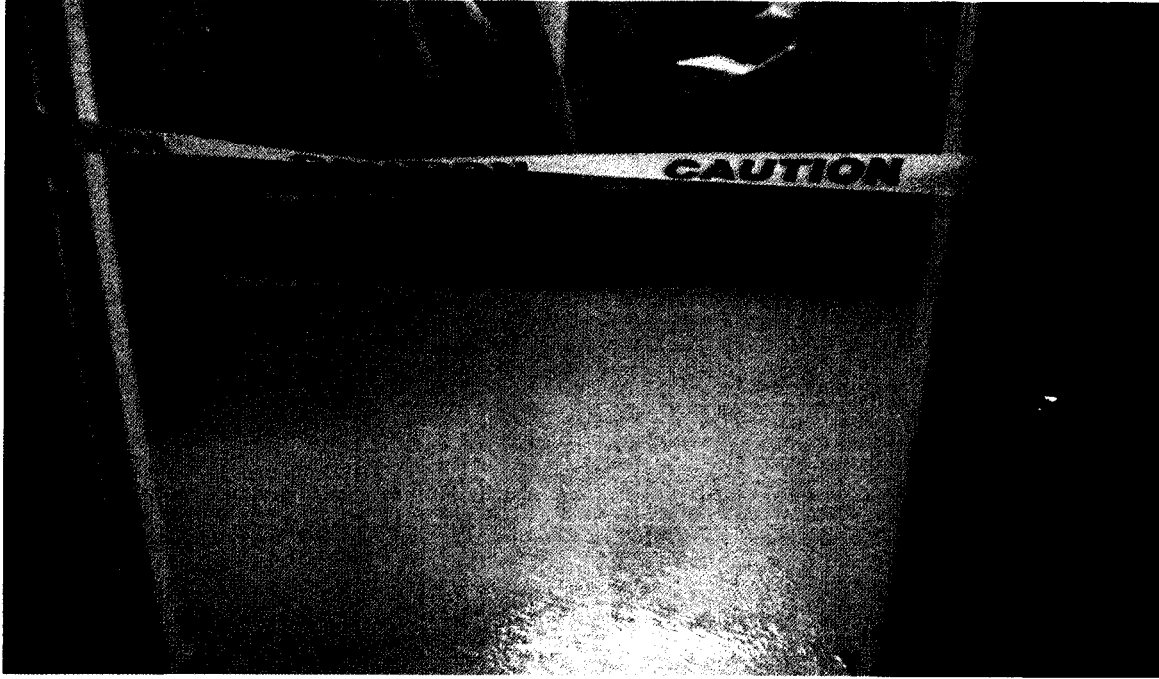


Photo 13: View of the light grey finish coat.

TRANSPORTATION CORRIDOR
GE ENERGY TONAWANDA, NEW YORK

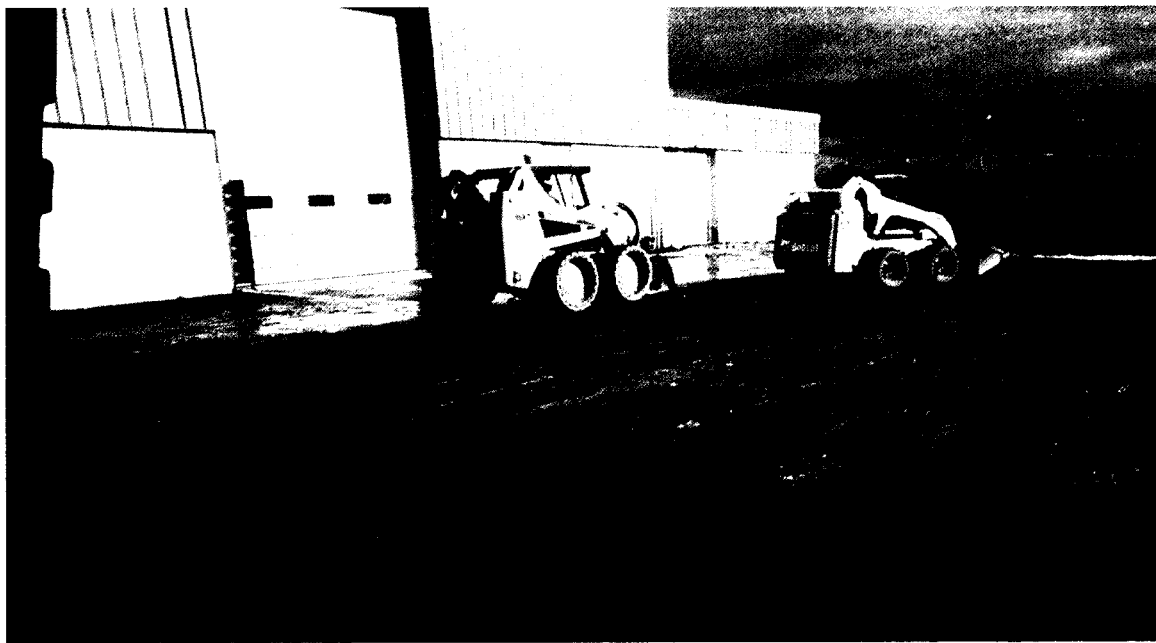


Photo 14: Removing and segregating asphalt near high bay doors.



Photo 15: Asphalt near entrance gate and pressure plate removed and segregated.

TRANSPORTATION CORRIDOR
GE ENERGY TONAWANDA, NEW YORK

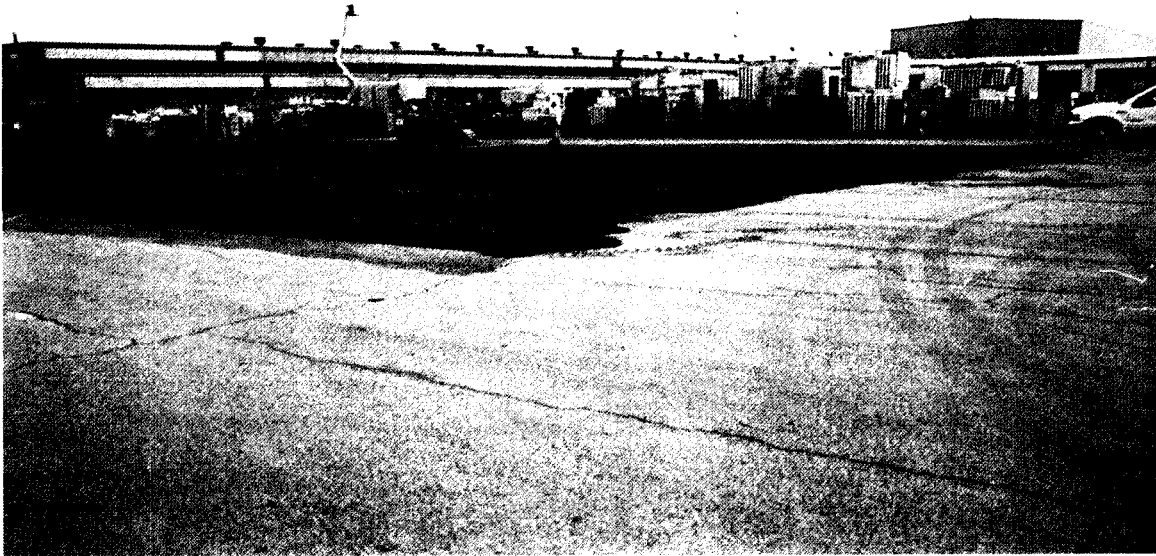


Photo 16: Removing asphalt.

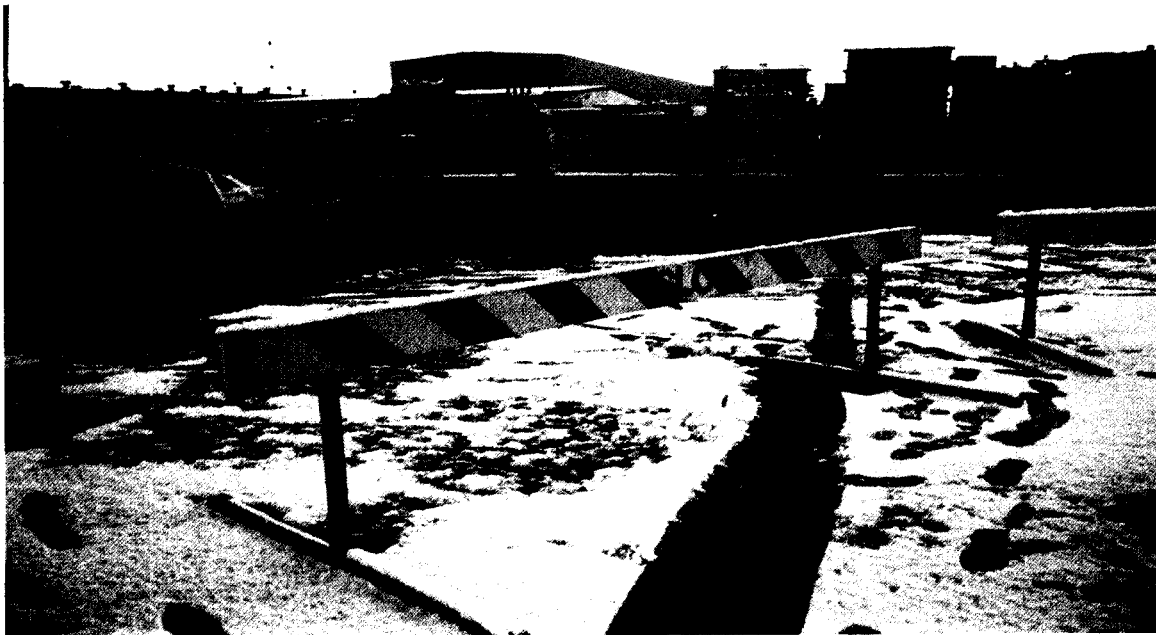


Photo 17: Southern portion of parking lot after asphalt removed.

TRANSPORTATION CORRIDOR
GE ENERGY TONAWANDA, NEW YORK



Photo 18: Transportation corridor after asphalt removed.



Photo 19: Transportation corridor and southern parking lot after placement of asphalt topcoat.

APPENDIX H
ASBESTOS LABORATORY REPORTS



ENVIRONMENTAL TECHNOLOGIES, LLC

4169 Allendale Parkway
Suite 200
Blasdell, New York 14219
ph 716.312.8296
fax 716.312.8297

May 20, 2004

Ms. Karen Peppin
URS Corporation
28 Corporate Drive
Suite 200
Clifton Park, New York 12065

**Re: Asbestos Abatement
General Electric Facility
Tonawanda, New York**

Dear Ms. Peppin:

Enclosed please find the Project and Air Monitoring Report for the above referenced project. Should you have any questions or concerns regarding this report, please feel free to contact our office at 716.312.8296.

Sincerely,

A handwritten signature in black ink that reads 'Susanne Kelley'. The signature is written in a cursive, flowing style.

Susanne Kelley

enc.

PROJECT AND AIR MONITORING REPORT

FOR

ASBESTOS ABATEMENT

LOCATED AT:

**General Electric Facility
Tonawanda, New York**

PREPARED FOR:

**URS Corporation
28 Corporate Drive
Suite 200
Clifton Park, New York 12065**

Conditions as of:

May 14, 2004



ENVIRONMENTAL TECHNOLOGIES, LLC

TABLE OF CONTENTS

1. INTRODUCTION
2. EXECUTIVE SUMMARY
3. GENERAL CONDITIONS OF REPORT
4. DAILY REPORTS
5. LABORATORY REPORTS
6. CHAIN OF CUSTODY DOCUMENTS
7. CERTIFICATIONS AND LICENSES
8. LABORATORY ACCREDITATIONS



ENVIRONMENTAL TECHNOLOGIES, LLC

1. INTRODUCTION

Sienna Environmental Technologies was contracted by URS Corporation to provide Project and Air Monitoring Services for a large Asbestos Abatement Project located at General Electric in Tonawanda, New York. The project began on May 14, 2004 and received final clearance air sampling results on May 15, 2004.

A Large Project is defined as the removal of greater than one hundred and sixty (160) square feet or two hundred and sixty (260) linear feet of Asbestos Containing Material. A Small Project is defined as the removal of greater than ten (10) square feet but less than one hundred and sixty (160) square feet, or greater than twenty five (25) but less than two hundred and sixty (260) linear feet of ACM. A Minor Project is defined as the removal of less than ten (10) square feet, or less than twenty-five (25) linear feet of ACM.

Air sampling is required on all large and small abatement projects. "Background", "Pre-Abatement", "Abatement", and "Post-Abatement" sampling is required for large abatement projects, and "Background", "Pre-Abatement", And "Post-Abatement" sampling is required for small projects.

Background Sampling is conducted prior to any abatement activity. It is used to determine existing conditions before the start of the project. Pre-Abatement sampling is conducted during the preparation of the work area to determine if any Asbestos Material was disturbed during area preparation. Abatement sampling is conducted while the abatement is being performed to determine whether any airborne Asbestos is escaping the contained work area. Post-Abatement sampling is conducted after the completion of abatement activity to determine that the area abated is safe for re-occupancy. Post-Abatement Sampling is also referred to as Final or Clearance Air Monitoring.

Asbestos Air Samples are analyzed under Phase Contrast Microscopy (PCM) using the NIOSH 7400 methodology. This methodology is non-specific for asbestos. All fibers and fiber-like particles having a length greater than 5 micrometers and a length to width ratio of 3:1 must be counted.

Area clearance is obtained when all post abatement sample levels are less than 0.01 fibers/cubic centimeter or the background level, whichever is greater.



ENVIRONMENTAL TECHNOLOGIES, LLC

2. EXECUTIVE SUMMARY

The Asbestos Abatement Project located at General Electric in Tonawanda, New York, consisted of the removal of asbestos-containing floor tile and black mastic and is categorized as a large project as defined in NYSDOL ICR 56.

The abatement was conducted within the conditions outlined in New York State Industrial Code Rule 56 and Applicable Variance 120 as granted by the New York State Department of Labor.

The Asbestos Abatement was performed by AAC Contracting.

A total of forty one (41) PCM air samples were taken throughout the course of the project.

1 bulk sample of yellow floor tile mastic was taken on May 17, 2004. The sample was analyzed at EMSL Analytical by TEM (Transmission Electron Microscopy) as non-asbestos.

Final clearance air sampling was performed and all work areas were cleared with sample results of below 0.01 fibers per cubic centimeter (0.01 f/cc) or background levels, the threshold for work area clearance.

3. GENERAL CONDITIONS OF REPORT

Sienna Environmental Technologies performed the analysis on the air sampling cassettes provided to them by their personnel. EMSL Analytical, Inc. performed the analysis on the TEM bulk sample provided to them by Sienna Environmental Technologies.



ENVIRONMENTAL TECHNOLOGIES, LLC

4. DAILY REPORTS

SIENNA ENVIRONMENTAL TECHNOLOGIES

1951 Hamburg Turnpike Gate 1
 Lackawanna, New York 14218
 Phone (716) 823-0734
 Fax (716) 823-0734

ENVIRONMENTAL PROJECT DAILY REPORT

5/14/04 JOB # SET 318 CLIENT JOB #		PROJECT TYPE: ASBESTOS
PROJECT ADDRESS: 175 Mitons Rd.		
CLIENT/CONTACT: URS corps. / Kevin	START TIME 14 ⁰⁰	
PHASE OF WORK/MATERIALS REMOVED: Prep / Enl. / Floortile + Mastic		
WORK METHODS/VARIANCES: CR-56 AV-120	END TIME 22 ⁰⁰	
CONTRACTOR: AAC SUPERVISOR: Jeff Suter		
AIR MONITOR: Sienna TECHNICIAN: Geoff Bijak		
PROJECT MONITOR (IF APPLICABLE): Sienna		

SIENNA LICENSE POSTED <input checked="" type="checkbox"/>	NUMBER OF PUMPS REQUIRED 6
AIR MONITOR CERTIFICATIONS POSTED <input checked="" type="checkbox"/>	PUMP LOCATIONS CHECKED <input checked="" type="checkbox"/>
PERSONAL SAFETY EQUIPMENT <input checked="" type="checkbox"/>	PUMPS CALIBRATED <input checked="" type="checkbox"/>
WORK AREA(S) SIZE Large	VISUAL INSPECTION OK <input checked="" type="checkbox"/>
ENCLOSURE TYPE Criticals / Neg. Air	WAITING PERIOD REQUIRED <input checked="" type="checkbox"/>

AIR SAMPLE TAKEN (B) (P) (E) F	AIR RESULTS REVIEWED	ANY HIGH LEVELS
1A PERSONALS TAKEN PEL EL	AIR RESULTS REVIEWED	ANY HIGH LEVELS
OTHER SAMPLES TAKEN	OTHER RESULTS REVIEWED	ANY HIGH LEVELS

- NOTES:
- P/A monitor on site.
 - Meet w/ Mike from EM, view safety video, and walk through work areas
 - set up Background samples for floortile (and Mastic) on two rooms which equal the sq. footage for a large project.
 - Meet with Jeff from AAC, go over work areas.
 - Remote Decon on site, Sienna paperwork posted. Crew begins to Prep work areas. Tell Jeff workers should wear suits + respirators for Prep work, but workers do not camp
 - Meet w/ Kevin from U.R.S. and go over scope.
 - Work area prep ~~looks~~ looks good. Walls poly'd, Neg. Air running, Criticals / Airlocks secure. Decon has power and hot water. Crew is ready for abatement.
 - Env. air samples set and calibrated as per CR-56 Large Proj
 - P/A monitor walks through work area for Final visual inspection. Have workers clean a few areas, all in all work area looks good.
 - P/A monitor offsite, Finals to start 5/15.

SIENNA ENVIRONMENTAL TECHNOLOGIES

1951 Hamburg Turnpike Gate 1
 Lackawanna, New York 14218
 Phone (716) 823-0734
 Fax (716) 823-0734

ENVIRONMENTAL PROJECT DAILY REPORT

DATE: 5/15/04		JOB # SET 318	CLIENT JOB #	PROJECT TYPE: ASBESTOS
PROJECT ADDRESS: 175 Milens Rd.				
CLIENT/CONTACT: VRS corps / Kevin				START TIME 7:30
PHASE OF WORK/MATERIALS REMOVED: Prep / ENY. / Fibrotile + Mastic				
WORK METHODS/VARIANCES: CR-56 / AV-120				
CONTRACTOR: AAC		SUPERVISOR: Jeff Suther		END TIME 10:00
AIR MONITOR: Sienna		TECHNICIAN: Geoff Bijak		
PROJECT MONITOR (IF APPLICABLE): Sienna				

SIENNA LICENSE POSTED <input checked="" type="checkbox"/>	NUMBER OF PUMPS REQUIRED 6
AIR MONITOR CERTIFICATIONS POSTED <input checked="" type="checkbox"/>	PUMP LOCATIONS CHECKED <input checked="" type="checkbox"/>
PERSONAL SAFETY EQUIPMENT <input checked="" type="checkbox"/>	PUMPS CALIBRATED <input checked="" type="checkbox"/>
WORK AREA(S) SIZE Large	VISUAL INSPECTION OK <input checked="" type="checkbox"/>
ENCLOSURE TYPE Criticals / Neg. Air	WAITING PERIOD REQUIRED <input checked="" type="checkbox"/>

AIR SAMPLE TAKEN B P E <u>F</u>	AIR RESULTS REVIEWED	ANY HIGH LEVELS
SHA PERSONALS TAKEN PEL EL	AIR RESULTS REVIEWED	ANY HIGH LEVELS
OTHER SAMPLES TAKEN	OTHER RESULTS REVIEWED	ANY HIGH LEVELS

- NOTES:
- P/A monitor onsite.
 - Set up Finals in two rooms which once had floor tile and mastic. Work areas clean, and no pools of water.
 - Finals set as per large project CR-56.
 - Finals to Lab for Rush turnaround.
 - P/A monitor offsite w/ samples and all equipment.



ENVIRONMENTAL TECHNOLOGIES, LLC

5. LABORATORY REPORTS



4169 Allendale Parkway
 Suite 200
 Blasdell, New York 14219
 ph 716.312.8296
 fax 716.312.8297

LABORATORY REPORT

Attention: Karen Peppin
 Client: URS Corporation
 28 Corporate Drive, Suite 200
 Clifton Park, NY 12065
 Project: SET318 GE

Lab Project #: S10569
 Sample Date: 05/14/2004
 Analysis Date: 05/17/2004

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400

Sample	Location	Type	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
514-GE-01	Room 1 W/Machine	B	05/14/2004	1,200	2.0	100	2.550	<LOD
514-GE-02	Room 1 W/Machine	B	05/14/2004	1,200	11.5	100	14.650	0.005
514-GE-03	Room 2 (Empty)	B	05/14/2004	1,200	4.0	100	5.100	<LOD
514-GE-04	Room 2 (Empty)	B	05/14/2004	1,200	1.0	100	1.270	<LOD
514-GE-05	Room 2 (Empty)	B	05/14/2004	1,200	2.5	100	3.180	<LOD
514-GE-06	Outside Work Area (Plant Floor)	B	05/14/2004	1,200	1.0	100	1.270	<LOD
514-GE-07	Outside Work Area (Plant Floor)	B	05/14/2004	1,200	3.5	100	4.460	<LOD
514-GE-08	Outside Work Area (Plant Floor)	B	05/14/2004	1,200	2.5	100	3.180	<LOD

Tracy Skalski

Approved Signatory

B = Background, P = Pre-Abatement, E = Environmental, F = Final, FR = Rush Final, BL = Blank, EX = Short-term Exposure Limit, PE = 8-hour TWA PEL

Disclaimers <LOD = The limit of detection using NIOSH Method 7400 is 7 fibers/mm2. Sample results relate only to the samples as provided by client. This report shall not be reproduced except in full, without written approval of Sienna Environmental Technologies, LLC. This laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. NYS ELAP # 11727



4169 Allendale Parkway
 Suite 200
 Blasdell, New York 14219
 ph 716.312.8296
 fax 716.312.8297

LABORATORY REPORT

Attention: Karen Peppin
 Client: URS Corporation
 28 Corporate Drive, Suite 200
 Clifton Park, NY 12065
 Project: SET318 GE

Lab Project #: S10569
 Sample Date: 05/14/2004
 Analysis Date: 05/17/2004

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400

Sample	Location	Type	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
514-GE-09	Outside Work Area (Plant Floor)	B	05/14/2004	1,200	2.0	100	2.550	<LOD
514-GE-10	Outside Work Area (Plant Floor)	B	05/14/2004	1,200	4.0	100	5.100	<LOD
514-GE-11	Room 1 W/Machine	P	05/14/2004		0.0	0		
SAMPLE OVERLOADED								
514-GE-12	Room 1 W/Machine	P	05/14/2004		0.0	0		
SAMPLE OVERLOADED								
514-GE-13	Room 2 (Empty)	P	05/14/2004	600	20.0	100	25.480	0.016
514-GE-14	Room 2 (Empty)	P	05/14/2004	600	14.0	100	17.830	0.011
514-GE-15	Room 2 (Empty)	P	05/14/2004	600	11.5	100	14.650	0.009
514-GE-16	Outside Work Area (Plant Floor)	P	05/14/2004	600	16.0	100	20.380	0.013

Tracy Skalski

Approved Signatory

B = Background, P = Pre-Abatement, E = Environmental, F = Final, FR = Rush Final, BL = Blank, EX = Short-term Exposure Limit, PE = 8-hour TWA PEL

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LABORATORY REPORT

Attention: Karen Peppin
 Client: URS Corporation
 28 Corporate Drive, Suite 200
 Clifton Park, NY 12065
 Project: SET318 GE

Lab Project #: S10569
 Sample Date: 05/14/2004
 Analysis Date: 05/17/2004

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400

Sample	Location	Type	Sample Date	Volume	Fibers	Fields	Fibers/mm ²	Fibers/cc
514-GE-17	Outside Work Area (Plant Floor)	P	05/14/2004	600	3.0	100	3.820	<LOD
514-GE-18	Outside Work Area (Plant Floor)	P	05/14/2004	600	12.5	100	15.920	0.01
514-GE-19	Outside Work Area (Plant Floor)	P	05/14/2004	600	14.5	100	18.470	0.012
514-GE-20	Outside Work Area (Plant Floor)	P	05/14/2004	600	6.0	100	7.640	0.005
514-GE-21	Personal Decon	E	05/14/2004	1,000	2.0	100	2.550	<LOD
514-GE-22	Waste Decon	E	05/14/2004	1,000	6.5	100	8.280	0.003
514-GE-23	Ambient	E	05/14/2004	1,000	4.0	100	5.100	<LOD
514-GE-24	Critical 1 (Room 1)	E	05/14/2004	1,000	3.0	100	3.820	<LOD

Tracy Skalski



 Approved Signatory

B = Background, P = Pre-Abatement, E = Environmental, F = Final, FR = Rush Final, BL = Blank, EX = Short-term Exposure Limit, PE = 8-hour TWA PEL

Disclaimers: <LOD = The limit of detection using NIOSH Method 7400 is 7 fibers/mm². Sample results relate only to the samples as provided by client. This report shall not be reproduced except in full, without written approval of Sienna Environmental Technologies, LLC.
 This laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
 NYS ELAP # 11727



4169 Allendale Parkway
 Suite 200
 Blasdell, New York 14219
 ph 716.312.8296
 fax 716.312.8297

LABORATORY REPORT

Attention: Karen Peppin
 Client: URS Corporation
 28 Corporate Drive, Suite 200
 Clifton Park, NY 12065
 Project: SET318 GE

Lab Project #: S10569
 Sample Date: 05/14/2004
 Analysis Date: 05/17/2004

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400

Sample	Location	Type	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
514-GE-25	Neg Air (Room 1)	E	05/14/2004	1,000	1.0	100	1.270	<LOD
514-GE-26	Critical 2 (Room 2)	E	05/14/2004	1,000	6.5	100	8.280	0.003
514-GE-27	Neg Air (Room 2)	E	05/14/2004	1,000	0.0	100		<LOD
514-GE-28	Box	BL	05/14/2004	0	0.0	100		
514-GE-29	Field	BL	05/14/2004	0	0.0	100		

Tracy Skalski

Approved Signatory

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Disclaimers: <LOD = The limit of detection using NIOSH Method 7400 is 7 fibers/mm2. Sample results relate only to the samples as provided by client. This report shall not be reproduced except in full, without written approval of Sienna Environmental Technologies, LLC
 This laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
 NYS ELAP # 11727

LABORATORY REPORT

Attention: Karen Peppin

Lab Project #: S10568

Client: URS Corporation

Sample Date: 05/15/2004

28 Corporate Drive, Suite 200

Analysis Date: 05/15/2004

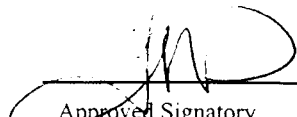
Clifton Park, NY 12065

Project: SET318 GE

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400

Sample	Location	Type	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
515-GE-01	Room 1 (W/ Machine)	FR	05/15/2004	1,200	5.0	100	5.100	<LOD
515-GE-02	Room 1 (W/ Machine)	FR	05/15/2004	1,200	1.0	100		<LOD
515-GE-03	Room 2 (Empty)	FR	05/15/2004	1,200	2.0	100	1.270	<LOD
515-GE-04	Room 2 (Empty)	FR	05/15/2004	1,200	2.0	100	1.270	<LOD
515-GE-05	Room 2 (Empty)	FR	05/15/2004	1,200	1.5	100		<LOD
515-GE-06	Outside Work Area (Plant Floor)	FR	05/15/2004	1,200	14.0	100	16.560	0.005
515-GE-07	Outside Work Area (Plant Floor)	FR	05/15/2004	1,200	5.0	100	5.100	<LOD
515-GE-08	Outside Work Area (Plant Floor)	FR	05/15/2004	1,200	7.5	100	8.280	0.003

Tracy Skalski


 Approved Signatory

Background, P = Pre-Abatement, E = Environmental, F = Final, FR = Rush Final, BL = Blank, EX = Short-term Exposure Limit, PE = 8-hour TWA PEL

 Disclaimers: <LOD = The limit of detection using NIOSH Method 7400 is 7 fibers/mm2. Sample results relate only to the samples as provided by client. This report shall not be reproduced except in full, without written approval of Sienna Environmental Technologies, LLC.
 This laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel.
 NYS ELAP # 11727

LABORATORY REPORT

Attention: Karen Peppin
 Client: URS Corporation
 28 Corporate Drive, Suite 200
 Clifton Park, NY 12065
 Project: SET318 GE

Lab Project #: S10568
 Sample Date: 05/15/2004
 Analysis Date: 05/15/2004

PHASE CONTRAST MICROSCOPY BY NIOSH METHOD 7400

Sample	Location	Type	Sample Date	Volume	Fibers	Fields	Fibers/mm2	Fibers/cc
515-GE-09	Outside Work Area (Plant Floor)	FR	05/15/2004	1,200	9.0	100	10.190	0.003
515-GE-10	Outside Work Area (Plant Floor)	FR	05/15/2004	1,200	4.0	100	3.820	<LOD
515-GE-11	Box	BL	05/15/2004	0	0.0	100		
515-GE-12	Field	BL	05/15/2004	0	1.0	100	1.270	

Tracy Skalski



Approved Signatory

B = Background, P = Pre-Abatement, E = Environmental, F = Final, FR = Rush Final, BL = Blank, EX = Short-term Exposure Limit, PE = 8-hour TWA PEL

Disclaimers - <LOD = The limit of detection using NIOSH Method 7400 is 7 fibers/mm2. Sample results relate only to the samples as provided by client. This report shall not be reproduced except in full, without written approval of Sienna Environmental Technologies, LLC. This laboratory is not responsible for data reported in fibers/cc, which is dependent on volume collected by non-laboratory personnel. NYS ELAP # 11727

EMSL Analytical, Inc.

40 Rowley Road, Depew, NY 14043

Phone: (716) 651-0030 Fax: (716) 651-0394 Email: buffalolab@emsl.com



Atn: Susanne Kelley
Sienna Environmental Technologies
4169 Allendale Parkway
Suite 200
Blasdell, NY 14219

Fax: (716) 312-8297 Phone: (716) 312-8298

Project: SET 318 / General Electric - Storage Room

Customer ID: SIET21

Customer PO:

Received: 05/17/04 5:10 PM

EMSL Order: 140401529

EMSL Proj:

Analysis Date 5/18/2004

**Asbestos Analysis of Non-Friable Organically Bound materials by Transmission
Electron Microscopy via NYS ELAP Method 198.4**

SAMPLE ID	DESCRIPTION	APPEARANCE	% MATRIX MATERIAL	% NON-ASBESTOS FIBERS	ASBESTOS TYPES	% TOTAL ASBESTOS
0517-GE-1 140401529-0001	masic	Yellow	100.0	None	No Asbestos Detected	

Analyst(s)

Ken Najuch (1)

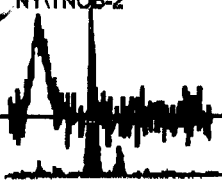
Kenneth Najuch
or other approved signatory

This laboratory is not responsible for % asbestos in total sample when the residue only is submitted for analysis. The above report relates only to the items tested. This report may not be reproduced, except in full, without written approval by EMSL Analytical, Inc.

ACCREDITATIONS: NVLAP #200056-0 and NY STATE ELAP #11606

NYITNOB-2

THIS IS THE LAST PAGE OF THE REPORT.





ENVIRONMENTAL TECHNOLOGIES, LLC

6. CHAIN OF CUSTODY DOCUMENTS



SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC

4169 Allendale Parkway, Suite 200
Blasdell, New York 14219

ph 716.312.8296

Air Sampling Worksheet
Chain of Custody

80/10/10-15
 Tech/Refn/Wind: 3254219421
 Date: 5/14/04
 Job Name: SET 318
 Job #: 5117104
 Calibrator #:
 Client:
 Client Job #:
 Client Contact & Phone:
 Client:
 Client Job #:
 Client Contact & Phone:
 Turnaround (circle):
 RUSH 48 hour
 24 hour
 PCM Analysis (circle):
 TEM other

Field Number	Pump #	Location	IB OB	IWA OWA	B P EX PE	Time (military) Start Stop Tot	Flow (LPM) Beg End Avg	Volume (liters)	Results (f/cc)
514-EE-C1		Room 1 w/ machine	113	1WA	B	1430 1650 120	10 10 10	1200	
-12		"				1430 1650			
-03		Room 2 (empty)				1435 1635			
-04		"				1435 1635			
-05		"		1WA		1437 1637			
-06		Outside Work Area (Plant floor)		OWA		1441 1641			
-07		"				1441 1641			
-08		"				1442 1642			
-09		"				1442 1642			
-10		"		OWA	B	1443 1643			
-11		Room 1 w/ machine		1WA	P	1630 1730	10 10 10	600	
-12		"	113	1WA	P	1650 1730	10 10 10	600	

Comments/Special Conditions

Received by: **Bob Bigak** 5/14/04
 Sampler
 Relinquished by:
 Received by lab: **g. St. Luke** 5/14/04

5117104



SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC

4169 Allendale Parkway, Suite 200
Blasdell, New York 14219
ph 716.312.8296 fax 716.312.8297

Air Sampling Worksheet
Chain of Custody

Temp/Rain/Wind _____ Date 5/14/04
 Filter log # 1 Job Name GE
 Calibration # _____ Job # SET 318

Client _____ Client Contact & Phone _____
 Client 506 # 506

Turnaround (circle)
 RUSH 48 hour
 24 hour 72 hour
 Analysis (circle)
 PCM TEM other

Field Number	Pump #	Location	IB OB	IWA OWA	B E F EX PE	Time (military) Start Stop Tot	Flow (LPM) Beg End Avg	Volume (liters)	Results (ppc)
SM-GE-13		Room 2 (empty)	1/3	1/1A	P	1635 1735 100	10 10 10	600	
-14		"		1/1A		1635 1735			
-15		"		1/1A		1658 1738			
-16		Outside Work Area (Stand Area)		1/1A		1645 1745			
-17		"				1645 1745			
-18		"				1647 1747			
-19		"				1647 1747			
-20		"	1/3	1/1A	P	1649 1749 60	10 10 10	600	
-21		Personnel Decm	1/3	1/1A	E	1804 2124 200	5 5 5	1000	
-22		Waste Decm				1804 2124			
-23		Ambient				1810 2150			
-24		Critical 1 (Room 1)	1/3	1/1A	E	1811 2157 200	5 5 5	1000	

Requisitioned by _____
 Sampler Deborah Bryson 5/14/04
 Received by _____
 Requisitioned by _____
 Received by lab _____

Comments/Special Conditions



SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC

4169 Allendale Parkway, Suite 200
Blasdell, New York 14219
ph 716.312.8296 fax 716.312.8297

Air Sampling Worksheet
Chain of Custody

Temp/Rain/Wind _____ Date 5/14/04
 Filter # 141 Job Name AE
 Calibrator # _____ Job # SET 318

Client _____
 Client Job # (141)
 Client Contact & Phone _____

Turnaround (circle)
RUSH 48 hour
 24 hour 72 hour
 Analysis (circle)
PCM TEM other _____

Field Number	Pump #	Location	IB	IWA	B EX	P PE	Time (military)	Flow (LPM)	Volume (liters)	Results (f/cc)
			OB	OWA			Start Stop Tot	Beg End Avg		
SM-GE-25		Wg Air (Room 1)			E		1822 2102 200	5 5 5	1000	
-16		Cylinder 2 (Room 2)		OWA	1		1826 2106 1	1 1 1	1	
-27		Wg Air (Room 2)	18	OWA	E		1830 2150 200	5 5 5	1000	
-28		Box								
-29		Field								

Sampler David B. Blyskal Date 5/14/04
 Relinquished by _____ Received by _____
 Relinquished by _____ Received by lab _____
 Comments/Special Conditions _____



SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC

4169 Allendale Parkway, Suite 200
Blasdell, New York 14219

ph 716.312.8296

Air Sampling Worksheet
Chain of Custody

6/3/11 15-112 Date: 5/15/11
 Temp/Rain/Wind: 305-40794V Job Name: ALE
 Filter lot #: 22 Job #: SET 318
 Calibrator #: _____

Client: DRS Corp.
 Client Job #: Kevin
 Client Contact & Phone: _____

Turnaround (circle): RUSH 48 hour
 24 hour 72 hour
 Analysis (circle): PCM TEM other

Field Number	Pump #	Location	IB OB	IWA OWA	B EX PE	P PE	Time (military) Start Stop Tot	Flow (LPM) Beg End Avg	Volume (liters)	Results (ppc)
515-EE-01		Room 1 (w/ machine)	113	1614	F		730 930 120	10 10 10	1200	
-02		"					730 930			
-03		Room 2 (empty)					735 935			
-04		"					735 935			
-05		"		1614			737 937			
-06		Outside Work Area (Plant Floor)		0614			746 946			
-07		"					746 947			
-08		"					741 941			
-09		"					741 941			
-10		"	113	0614	F		744 948 120	10 10 10	1200	
-11		Box								
-12		Field								

Health Risk Sample
 5/15/11
 Relinquished by: _____
 Received by lab: _____

Comments/Special Conditions
 Please contact Suzanne
 w/ results. Suzanne's
 contact number is
 Jeff Sutter @
 (585) 314-4297

SIENNA ENVIRONMENTAL TECHNOLOGIES

1951 Hamburg Turnpike Gate 1
Lackawanna, New York 14218

(716) 823-0734
(716) 823-0734

Chain of Custody
Document

____ Mail

X Fax Report to: 312-8297

Client/Contact: <u>URS</u>	Turn around <u>12h</u> (circle) RUSH 48 Hour 24 Hour 72 Hour
Building/Location: <u>General Electric</u>	
Client #: _____ P.O. # _____ Job #: <u>SET318</u>	

Total # Samples _____ PLM X TEM OTHER _____

Sample #	Description of Sample	Location of Sample	Notes
<u>0517-GE-1</u>	<u>yellow floor tile Mastic</u>	<u>Storage room</u>	

Notes:

Sampled By: [Signature] Date: 5/17/04

Relinquished By: _____ Date: _____

Received By: [Signature] Date: 5/12/04
5:10 PM



ENVIRONMENTAL TECHNOLOGIES, LLC

7. CERTIFICATIONS AND LICENSES

STATE OF NEW YORK - DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH
License and Certificate Unit
BUILDING 12, STATE CAMPUS
ALBANY, NY 12240

ASBESTOS HANDLING LICENSE

**RESTRICTED LICENSE-ASBESTOS
REMOVAL NOT PERMITTED**

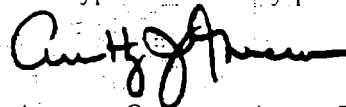
LICENSE NUMBER: **00-1037**
DATE OF ISSUE: **Jan. 27, 2004**
EXPIRATION DATE: **Jan. 31, 2005**

Contractor: **SIENNA ENVIRONMENTAL TECHNOLOGIES LLC**
Address: **4169 Allendale Parkway - Ste. 200
Blasdell NY 14219**

Duly Authorized Representative: **SUSANNE M. KELLEY**

This license has been issued in accordance with applicable provisions of Article 30 of the Labor Law of New York State and of the New York State Codes, Rules and Regulations (12NYCRR Part 56). It is subject to suspension or revocation for a (1) serious violation of state, federal or local laws with regard to the conduct of an asbestos project, or (2) demonstrated lack of responsibility in the conduct of any job involving asbestos or asbestos material.

This license is valid only for the contractor named above and this license or a photocopy must be prominently displayed at the asbestos project worksite. This license verifies that all persons employed by the licensee on an asbestos project in New York State have been issued an Asbestos Certificate, appropriate for the type of work they perform, by the New York State Department of Labor.



Anthony Germano, Acting Director
FOR THE COMMISSIONER OF LABOR

GEOFFREY BIJAK



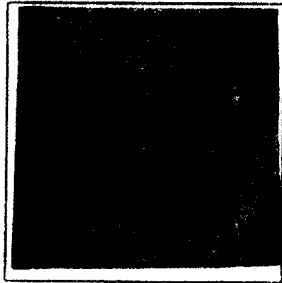
STATE OF NEW YORK
DEPARTMENT OF LABOR
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE
AUTHORIZED CLASSES
C - SAMPLING TECHNICIAN (05/04)
H - PROJECT MONITOR (05/04)

GEOFFREY R BIJAK
9190 CLARENCE CENTER ROAD
CLARENCE CENTER NY 14032

RICHARD CUCCOLO Director For the Commissioner of Labor
DOSH-147 (01/81)

MUST BE CARRIED ON ASBESTOS PROJECTS



AH 02-12564

XXX-XX-4631

BRO BRO

190 6 03

THIS ASBESTOS HANDLING CERTIFICATE IS VALID FOR THE STATE OF NEW YORK. THE HOLDER OF THIS CERTIFICATE IS RESPONSIBLE FOR THE PROPER HANDLING OF ASBESTOS.

NYS ASBESTOS CERTIFICATIONS

PROJECT MONITOR

AIR MONITOR

SUSANNE KELLEY



DMV# 155431038
EYES BRO
HAIR BRO
HGT 5' 01"

IF FOUND RETURN TO:
NYS DOL - L&C UNIT
ROOM 161 BUILDING 12
STATE OFFICE CAMPUS
ALBANY NY 12240

STATE OF NEW YORK DEPARTMENT OF LABOR



SUSANNE M KELLEY
CLASS(EXPIRES)
C ATEC(07/04) D INSP(07/04)
H PM (07/04)

MUST BE CARRIED ON ASBESTOS PROJECTS

NYS ASBESTOS CERTIFICATIONS

BUILDING INSPECTOR

PROJECT MONITOR

AIR MONITOR



ENVIRONMENTAL TECHNOLOGIES, LLC

8. LABORATORY ACCREDITATIONS

**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**

Antonia C. Novello, M.d., M.p.h., Dr.p.h.



Expires 12:01 AM April 01, 2005
Issued April 01, 2004

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 502 Public Health Law of New York State

MS. SUSANNE KELLEY
SIENNA ENVIRONMENTAL TECHNOLOGIES, LLC
4169 ALLENDALE PARKWAY - STE 200
BLASDELL NY 14219 United States

NY Lab Id No: 11727
EPA Lab Code:

is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:

Miscellaneous Air

Fibers

NIOSH 7400 A RULES

Serial No.: 23268

of the New York State Department of Health. Valid only at the address shown.
conspicuously posted. Valid certificates have a raised seal and may be
verified by calling (518) 485-5570.

DOH-3317 (3/97)

**NEW YORK STATE DEPARTMENT OF HEALTH
WADSWORTH CENTER**

Antonia C. Novello, M.d., M.p.h., Dr.p.h.



**Expires 12:01 AM April 01, 2006
Issued April 01, 2004**

CERTIFICATE OF APPROVAL FOR LABORATORY SERVICE

Issued in accordance with and pursuant to section 802 Public Health Law of New York State

**MR. KENNETH NAJUCH
EMSL ANALYTICAL INC - WILLIAMSVILLE
490 ROWLEY ROAD
DEPEW NY 14043 United States**

**NY Lab Id No: 11606
EPA Lab Code: NY01278**

*is hereby APPROVED as an Environmental Laboratory for the category
ENVIRONMENTAL ANALYSES AIR AND EMISSIONS
All approved subcategories and/or analytes are listed below:*

Miscellaneous Air

Asbestos

**40 CFR APX A No. III
YAMATE, AGARWAL GIBB**

Fibers

**40 CFR 763.121 APX B
NIOSH 7400 A RULES**

Serial No.: 23079

**Property of the New York State Department of Health. Valid only at the address shown.
Must be conspicuously posted. Valid certificates have a raised seal and may be
verified by calling (518) 485-6670.**

DOH-3317 (3/97)