

# New York State Voluntary Cleanup Program Final Remedial Report

for

**303 Woodward Avenue**  
**Town of Tonawanda**  
Town Job #2651

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Volume 2 of 2

## APPENDICES

|            |                                             |
|------------|---------------------------------------------|
| Appendix A | Pre Demolition Site Investigation Work Plan |
| Appendix B | Pre Demolition Site Investigation           |
| Appendix C | Site Characterization Plan                  |
| Appendix D | Asbestos Survey (LiRo-Kassner, Inc.)        |

|                                                                                                                                                                                 |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|
| New York State Department of Environmental Conservation                                                                                                                         |  |
| .....                                                                                                                                                                           |  |
| ..... See 3/31/05 APPROVAL LETTER .....<br>.....                                                                                                                                |  |
| .....                                                                                                                                                                           |  |
| <input checked="" type="checkbox"/> Approved <input type="checkbox"/> Approved As Noted <input type="checkbox"/> For Administrative Review <input type="checkbox"/> Disapproved |  |
| COMMISSIONER OF ENVIRONMENTAL CONSERVATION                                                                                                                                      |  |
| ..... Daniel K. King .....<br>..... Designated Representative                                                                                                                   |  |
| Date ..... MARCH 31, 2005 .....                                                                                                                                                 |  |

EnSol Project #: 04-0008  
September 2004

Pre-Demolition  
Site Investigation Work Plan  
303 Woodward Ave  
Tonawanda NY  
(Revised October 15, 2003)

**Goals:**

The following work plan has been developed with the following goals:

- 1) Determine if the demolition of 303 Woodward Ave. will create hazardous waste.
- 2) Quantification and analysis of the transformers on site for proper removal and disposal
- 3) Estimation of amount of bulk liquid in the two identified tanks on site, one underground and one above ground.
- 4) Testing of the soil below the floors within the buildings for proper disposal at the Tonawanda Landfill
- 5) Testing of the wood flooring for proper disposal at the Tonawanda Landfill.

The above goals will be accomplished with the following scope as outlined in the tasks presented below:

**Task 1 – Soil Borings / Sampling**

A total of maximum 9 soil borings will be advanced under the flooring of the structures. The borings will be installed using a hand auger method to a maximum depth of 4'. The existing flooring will be removed to allow for the soil sampling. The samples will be handled in accordance with SW-846 and analyses for the following:

RCRA Metals  
Volatiles – 601/8021B  
Semi-Volatiles – 8270D  
PCB's – 8082 (3 samples maximum)

A PID meter will be used during all sampling and reading taken at discrete intervals (Max 6") to help in ascertaining the depth of soil contamination. An additional sample will be taken from the furnace brick and tested for TCLP metals.

**Estimated Task 1 Cost                      \$5,800**

## Appendix A

### Pre Demolition Site Investigation Work Plan

## Task 2 – PCB Sampling and Testing

PCB sampling will be performed on the oil found in each of the transformers and the surfaces in the vicinity of the transformers. The samples will be taken in accordance with SW-846 and sent for analysis to determine the concentration (if any) of PCB oils. This information will be used for the cost and proper disposal of the transformers. Information will also be obtained for each transformer regarding its size, volume of oil and weight in order to properly dispose of the unit. A total of 6 (six) transformers and 9 PCB wipes have been used to estimate this cost.

|                       |         |
|-----------------------|---------|
| Estimated Task 2 Cost | \$2,800 |
|-----------------------|---------|

## Task 3 – Recycling Program

A walk through will be performed to assess the potential for recycling / reuse of any of the construction materials, architectural elements and/or equipment. A list of proposed items to be removed from the site will be made and the material staged and documented prior to shipment. Any value from this effort will be deducted from the cost of the project

Contaminated soil, wood and brick will be taken to the Towanda Landfill and used for grading the site prior to closure. This use is considered an Alternate Grading Material (AGM) and has been accepted for recycling credits by the NYSDEC. The uncontaminated brick and block will also be separated and offered reuse or sent to Swift River for crushing and reuse.

The final recycling program will be provided to the Town and County and implemented during the demolition of the structure.

|                       |    |
|-----------------------|----|
| Estimated Task 3 Cost | NC |
|-----------------------|----|

## Task 4 – Disposal Approval Sampling

Samples of the wood flooring and the underlying soil will be taken for inclusion of an approval request to the NYSDEC to allow the material to be placed in the Tonawanda Landfill. The total amount of material generated from this project for disposal at a landfill is:

|                                             |              |
|---------------------------------------------|--------------|
| Building (Walls, Roof and Flooring)         | – 3,000 Tons |
| Soil (Below flooring – Assume 9" @ 30k sft) | – 1,500 Tons |
|                                             | -----        |
|                                             | 4,500 tons   |

A total of 6 samples will be required for this material based upon the above tonnage estimate. The cost for each sample will be based upon the analysis required. The required analysis is determined using the findings for the above program. A cost for this task will be determined once the sampling and analysis of the buildings has been completed. A budget amount of \$2,500 provided until the data from the field work has been received

|                         |         |
|-------------------------|---------|
| Estimated Task 4 Budget | \$2,500 |
|-------------------------|---------|

### Task 5 - Photo Documentation

The pre-demolition site and building conditions will be photo documented using a digital camera and 8 mm Camcorder. The information will include:

- Elevation of each building
- Equipment layout and locations
- Tank and foundation locations
- Transformers, foundry, machine shop, quench pit

This information will include a shot description, date and map key. A hard copy and PDF file will be provided to the Town.

**Estimated Task 5 Budget                      \$1,800**

The above information will be provided to the Town in a final report which will include:

- Description of Services (Scope)
- Raw Data
- Data Reduction
- Conclusions and Recommendations

**Total Project Budget Amount:              \$12,900**



## **Appendix B**

### Pre Demolition Site Investigation

**EnSol, Inc.**  
**Environmental Solutions**

**452 Third Street**  
**Niagara Falls, NY 14301**

*Professional Engineering • Business Consulting*

*Ph (716) 285-3920 • Fx (716) 285-3928*  
*E-Mail [jbattaglia@ensolinc.com](mailto:jbattaglia@ensolinc.com)*

*Hand Delivered*

December 9, 2003

Mr. Robert Morris  
Town of Tonawanda  
2919 Delaware Avenue  
Kenmore, New York 14217

Re: Pre-Demolition Site Investigation  
303 Woodward Avenue  
Tonawanda, New York  
EnSol Project #: 03-0037

Dear Mr. Morris:

The following Pre-Demolition Site Investigation has been prepared in accordance with the Pre-Demolition Site Investigation Work Plan prepared by EnSol, Inc. This letter report presents data and information on the soils and construction demolition materials at the 303 Woodward Avenue property.

The following areas/items were sampled:

Building floors / soil borings,  
Transformer oil samples,  
Floor, walls and equipment / wipe samples,  
Material characterization samples for disposal approval.

A Photograph Log and Video Journal of existing conditions at the site is provided on the attached compact disc and videotape.

**1.0 - Introduction**

The goals of the Pre-Demolition Site Investigation were:

- 1) Determine whether the demolition of 303 Woodward Ave. will create hazardous waste based on soil and building materials
- 2) Quantify and analyze the transformers on site for proper removal and disposal
- 3) Test the soil below the floors within the buildings for proper disposal at the Tonawanda Landfill
- 4) Test the wood flooring and concrete wall blocks for proper disposal at the Tonawanda Landfill
- 5) Create a Photograph Log and Video Journal of the site's existing conditions.

All work was completed between October 14 and November 26, 2003.



## **2.0 - Soil Borings and Sampling:**

A total of 12 soil borings were completed using a four-inch hand auger to a depth of approximately three feet below ground surface. The hand auger was decontaminated between borings using distilled water and a phosphate-free soap. Locations of soil borings were chosen by past area use and/or floor staining. All samples were screened with a photoionization detector (PID) every foot, unless a change in material was observed and then the materials were screened separately. Samples B-1 (2-3'), B-2 (1-2'), B-3 (2-3'), B-5 (2-3'), B-6 (2-3'), B-7 (0-1'), B-8 (1-2'), B-13 (0-1'), and B-T-2 (0-6") were sent for laboratory analysis based upon PID readings and/or soil staining. Analyses included Volatile Organic Compounds (VOCs – Method EPA 8021), Semi-Volatile Organic Compounds (SVOCs – Method EPA 8270), RCRA Metals (TCLP Metals Analysis), Chromium Hexavalent Soluble (Method SW 7196A) and PCB testing (Method EPA 8082A). All soil boring samples were analyzed for VOCs, SVOCs, RCRA Metals, and Chromium Hexavalent Soluble. Only three samples were analyzed for PCBs based on surface staining or past area usage.

Brief descriptions of each of the soil borings are as follows:

### **B-1:**

B-1 is located in the Wood Storage Building on the northeast section of the site. The first 3" of the boring was wood flooring and a grout/concrete sub-base. The soils from 3" to 1.0' bgs (below ground surface) were black silty gravel. These soils also had a PID reading of 0.5 ppm (parts per million). From 1.0' to 2.0' bgs, the soils were a black silt and clay with some gravel (1.3 ppm). The soils from 2.0' to 3.0' were dark brown to brown clay with some silt (3.0 ppm). The soils from 2.0' to 3.0' were sent for laboratory analysis because they emitted the highest PID readings.

### **B-2:**

B-2 is located in the area north of the Ball Forging / Heat Treating Area, west of the ball press. From 0" to 4.0" was brick flooring. From 4.0" to 8.0" was a black bedding sand (8.0 ppm). From 8.0" to 1.0' was a grout/concrete layer. The soils from 1.0' to 2.0' were a black to dark brown silt and clay, with some gravel (35.8 ppm). The soils from 2.0' to 3.0' were a dark brown silt and clay, with some organics (18.5 ppm). The soil was very wet at 3.0'. The soils from 1.0' to 2.0' were sent for laboratory analysis because they emitted the highest PID readings.

### **B-3:**

B-3 is located in the northwest section of the Ball Forging / Heat Treating Area. From 0" to 4.0" was brick flooring. The soil from 4.0" to 8.0" was reddish brown bedding sand (1.5 ppm). From 8.0" to 1.0' was a brown gravel and silt (1.5 ppm). The soils from 1.0' to 2.0' were black gravel with some brown clay (3.0 ppm). The soils from 2.0' to 3.0' were a brown to dark brown clay with some gravel (5.5 ppm). The soils from 2.0' to 3.0' were sent for laboratory analysis because they emitted the highest PID readings.

**B-4:**

B-4 is located in the Transformer Room. This location was not sampled because of a thick concrete pad that prevented soil collection.

**B-5:**

B-5 is located near the quench pit in the Ball Forging / Heat Treating Area. From 0" to 4.0" was brick flooring. From 4.0" to 8.0" was a brown to light brown bedding sand (3.0 ppm). From 8.0" to 1.0' was a brown gravel (3.0 ppm). The soils from 1.0' to 2.0' were a brown to black sand and gravel, wet (4.0 ppm). The soils from 2.0' to 3.0' were brown clay with some gravel (21.0 ppm). The soils from 2.0' to 3.0' were sent for laboratory analysis because they emitted the highest PID readings.

**B-6:**

B-6 is located in the Machine Shop Area. From 0" to 2.0" was wood flooring. The soil from 2.0" to 1.0" was a grey sand and gravel, some concrete (1.5 ppm). The soils from 1.0' to 2.0' were a brown to black clay, some gravel (3.4 ppm). The soils from 2.0' to 3.0' were a brown to black clay with trace gravel (20.0 ppm). The soils from 2.0' to 3.0' were sent for laboratory analysis because they emitted the highest PID readings.

**B-7:**

B-7 is located in the Ball Deflashing / Grinding Area. This entire area was on an elevated wood floor, approximately 1.5' above the underlying soils. The soil from 0.0' to 1.0' was a black sand and gravel, some silt (270 ppm). The soils from 1.0' to 2.0' were black sand and gravel with some clay (15 ppm). The soils from 2.0' to 3.0' were brown clay with some gravel (5.4 ppm). The soils from 0.0' to 1.0' were sent for laboratory analysis because they emitted the highest PID readings.

**B-8:**

B-8 is located in the Ball Deflashing / Grinding Area. This entire area was on an elevated wood floor, approximately 1.5' above the underlying soils. The soil from 0.0' to 1.0' was brown clay with some sand (8.0 ppm). The soil from 1.0' to 2.0' was brown clay with some sand (18 ppm). The soil from 2.0' to 3.0' was a brown clay with some sand, and very wet (8.7 ppm). The soils from 1.0' to 2.0' were sent for laboratory analysis because they emitted the highest PID readings.

**B-9:**

B-9 is located near the staged transformers in the Ball Forging / Heat Treating Area. From 0" to 4.0" was brick flooring. From 4.0" to 1.0' was black bedding sand, moist (14.0 ppm). The soils from 1.0' to 2.0' were a black sand and gravel, moist (17.0 ppm). The soils from 2.0' to 3.0' were brown clay with some gravel, very wet (5.0 ppm). No samples were submitted to the laboratory from this soil boring.

**B-10:**

B-10 is located in the area north of the Ball Forging / Heat Treating Area, west of the above ground furnace. From 0" to 4.0" was brick flooring. From 4.0" to 10.0" was a grout/concrete layer. The soils from 10.0" to 1.5' were grey gravel (26.1 ppm). The soils from 1.5' to 2.0' were a brown silty sand and gravel (19.0 ppm). The soils from 2.0' to 3.0' were brown to dark brown clay with some gravel, wet (5.6 ppm). No samples were submitted to the laboratory from this soil boring.

**B-11:**

B-11 is located in the Ball Deflashing / Grinding Area. This entire area was on an elevated wood floor, approximately 1.5' above the underlying soils. The soil from 0.0' to 1.0' was dark brown silty sand and gravel (26.1 ppm). The soils from 1.0' to 2.0' were brown clay and gravel, wet (26.9 ppm). The soil from 2.0' to 3.0' was black sand and gravel (12.9 ppm). No samples were submitted to the laboratory from this soil boring.

**B-12:**

B-12 is located in the area north of the Ball Forging / Heat Treating Area, east of the above ground furnace. From 4.0" to 1.0' was a grout/concrete layer. The soils from 1.0' to 2.0' were a brown to dark brown clay and gravel, moist (10.1 ppm). The soils from 2.0' to 3.0' were brown clay, very wet (5.6 ppm). No samples were submitted to the laboratory from this soil boring.

**B-13:**

B-13 is located in the Ball Forging / Heat Treating Area. From 0" to 4.0" was brick flooring. From 4.0" to 1.0' was black sand and gravel (65.0 ppm). The soils from 1.0' to 2.0' were brown sand and gravel, moist (3.3 ppm). The soils from 2.0' to 3.0' were brown to dark brown clay and gravel, very wet (5.0 ppm). The soils from 4.0" to 1.0' were sent in for laboratory analysis because they emitted the highest PID readings.

**B-T-2:**

B-T-2 is located in the stained soils around T-2. Only the stained surface soils were collected and only analyzed for PCBs. The soil from 0.0' to 0.5' was a black silty sand (4.5 ppm).

**F-1:**

F-1 is in the area north of the Ball Forging / Heat Treating Area, east of the above ground furnace. The material was of the brick floor adjacent to the furnace. The brick material was sent in for RCRA metals analysis only.

Mr. Robert Morris  
Re: Pre-Demolition Site Investigation 303 Woodward  
December 9, 2003

**F-2:**

F-2 is in the area of the Ball Forging / Heat Treating Area, from the brick on the west side of the above ground furnace. The brick material was sent in for RCRA metals analysis only.

Locations of all soil borings and samples can be located on the attached Sheet 1. A summary of analytical results of the soil can be found in Table 1. Results that exceeded the TAGM 4046 Recommended Soil Cleanup Objectives are entered in red. All laboratory analyses are included in Attachment 1.

**3.0 - PCB Wipe Samples**

A total of nine (9) PCB wipe samples were collected from within the site and analyzed using Method EPA 8082A. Sample locations were determined based on surface condition (staining) and/or area usage. The only wipe sample which contained PCBs was W-6, from the floor brick in the Ball Forging / Heat Treating Area near the below-ground furnace. This sample contained 0.144 ug/cm<sup>2</sup> of PCBs, which is well below the TAGM 4046 regulatory limit of 1.0 ppm for surface contamination. Locations of all PCB wipe samples are indicated on Sheet 1. Analytical results for the PCB wipe samples can be found in Table 2. None of the samples indicated the presence of PCBs above regulatory limits.

**4.0 - Transformer/Switches Sampling for PCBs**

A total of twenty-three (23) transformers (and switches) were observed on the site. Oil from twenty-two (22) of the transformers was sampled for PCB analysis. The remaining transformer, T-11, was not sampled because it contained a sealed chamber. Two transformers contained PCBs: T-1 and T-6. T-1 is located south of the Storage Building (Wood), and T-6 is located in the Transformer Room. Analytical results from T-1 indicated a concentration of PCBs above the TOSCA acceptable limit of 50.0 ppm. This material shall be handled in accordance with state and federal regulations. Locations of all transformers are indicated on Sheet 1. Analytical results of the PCB testing can be found in Table 3.

**5.0 - Disposal Approval Sampling**

A total of six (6) samples were collected for material disposal based upon the tonnage estimate of 4,500 tons. Materials collected included wood flooring, brick flooring and concrete wall blocks. All samples were analyzed for RCRA metals. The test results indicated that none of the material exceeded regulatory levels for RCRA metals. Analytical results can be found in Table 4.

**6.0 - Photograph Log and Video Journal**

A Photograph Log and Video Journal of existing conditions at the site is provided on the attached compact disc and videotape.

Mr. Robert Morris  
Re: Pre-Demolition Site Investigation 303 Woodward  
December 9, 2003

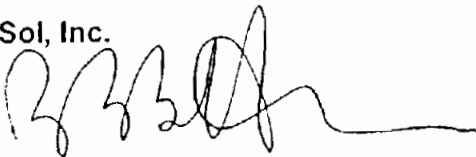
## **7.0 – Summary**

- Building floors / soil borings – Low levels of contamination were found at depths of 0 -3'.
- Floor, walls and equipment / wipe samples – Testing indicated that all samples were below regulatory limits.
- Transformer oil samples – Two transformers and oil contained detectable levels of PCBs, one of which exceeded PCB regulatory limits.
- Material characterization samples for disposal approval – Testing indicated that all materials were non-hazardous and may be acceptable for disposal at the Tonawanda Landfill pending NYSDEC approval.

If you have any questions or require additional information, please contact me at (716) 285-3920, ext. 202.

Sincerely,

EnSol, Inc.



John Battaglia, P.E.  
President

## **Attachments**

**Sheet 1 – Site Layout and Sample Locations**

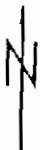
**Table 1 – Soil Boring Analysis**

**Table 2 – PCB Sampling – Wipe Tests**

**Table 3 – PCB Sampling – Transformers**

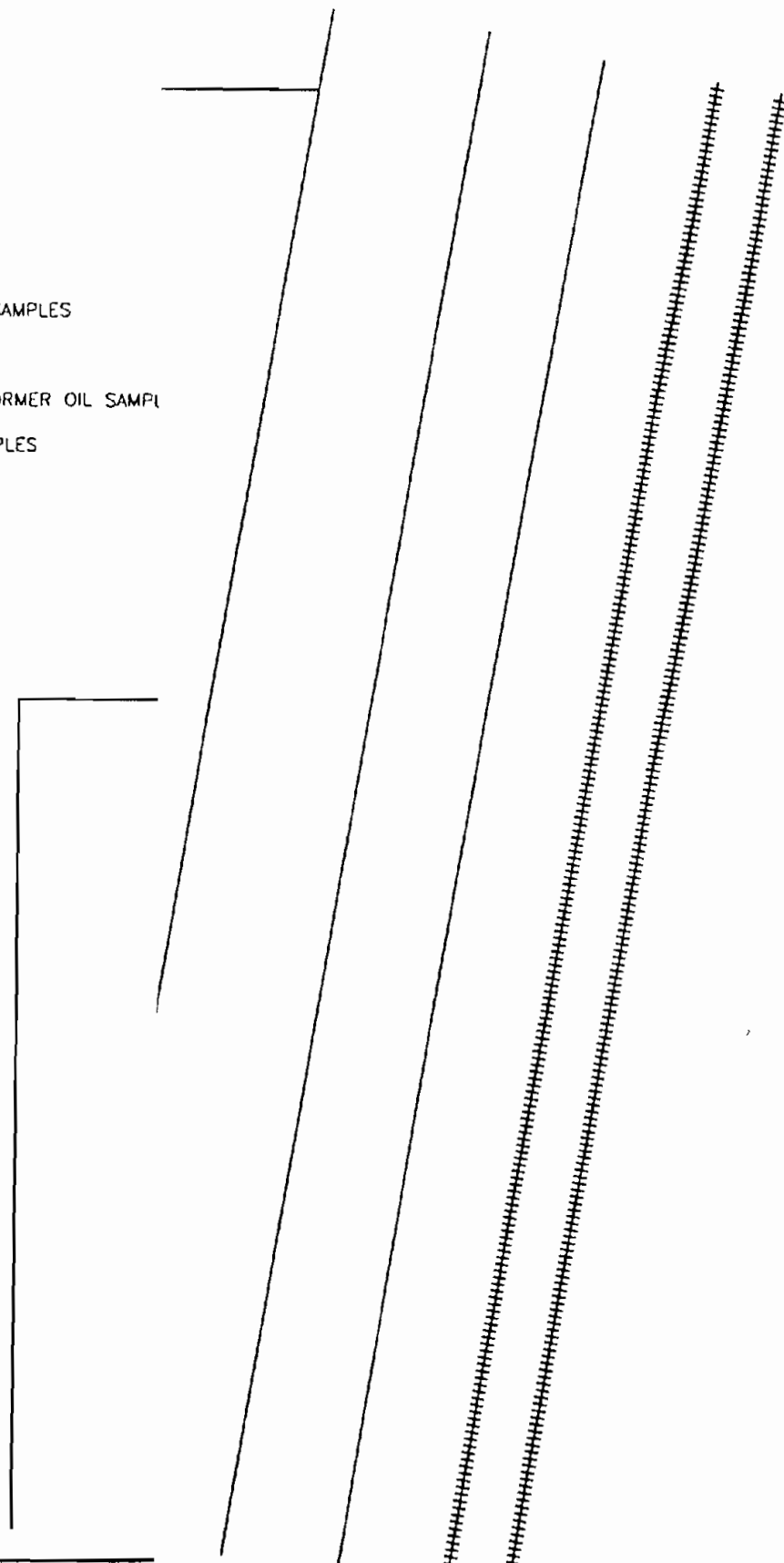
**Table 4 – Disposal Approval Sampling**

**Analytical Data**



## LEGEND

- ⊗ B-1 - LOCATION OF SOIL BORINGS AND SAMPLES
- ⊕ W-1 - LOCATION OF WIPE SAMPLES
- ⊞ T-1 - LOCATION OF SWITCH AND TRANSFORMER OIL SAMPL
- ⊙ F-1 - LOCATION OF FURNACE BRICK SAMPLES



AMPLE LOCATION PLAN

SITE INVESTIGATION - 303 WOODWARD AVE.

TOWN OF TONAWANDA

COUNTY OF ERIE

SHEET 1

TOWN OF TONAWANDA  
303 WOODWARD AVENUE  
PRE-DEMOLITION SITE INVESTIGATION  
TABLE 1

Soil Boring Analysis

| Parameters                        | Sample ID                                         |            |            |       |            |            |            |            |             |              |          |          |
|-----------------------------------|---------------------------------------------------|------------|------------|-------|------------|------------|------------|------------|-------------|--------------|----------|----------|
|                                   | B-1 (2-3')                                        | B-2 (1-2') | B-3 (2-3') | B-4   | B-5 (2-3') | B-6 (2-3') | B-7 (0-1') | B-8 (1-2') | B-13 (0-1') | B-T-2 (0-6") | F-1      | F-1      |
| Date Collected                    | 10/15/03                                          | 10/15/03   | 10/15/03   |       | 10/15/03   | 10/15/03   | 10/15/03   | 10/15/03   | 10/17/03    | 10/15/03     | 11/20/03 | 11/20/03 |
| Volatiles - 601/80218<br>ug / kg  | Benzene                                           | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | n-Butylbenzene                                    | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | sec-Butylbenzene                                  | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | tert-Butylbenzene                                 | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Ethylbenzene                                      | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | n-Propylbenzene                                   | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Isopropylbenzene                                  | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | p-Isopropyltoluene                                | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Naphthalene                                       | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Toluene                                           | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | 1,2,4-Trimethylbenzene                            | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | 1,3,5-Trimethylbenzene                            | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | m,p-Xylene                                        | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
| Semi-Volatiles - 8270D<br>ug / kg | o-Xylene                                          | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Methyl tert-butyl Ether                           | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Anthracene                                        | ND         | ND         | ND    | ND         | ND         | 643        | 671        | ND          | ND           | ND       | ND       |
|                                   | Benzo (a) anthracene                              | ND         | ND         | ND    | ND         | ND         | 1200       | ND         | ND          | ND           | ND       | ND       |
|                                   | Benzo (a) pyrene                                  | ND         | ND         | ND    | ND         | ND         | 723        | 633        | ND          | ND           | ND       | ND       |
|                                   | Benzo (b) fluoranthene                            | ND         | ND         | ND    | ND         | ND         | 698        | ND         | ND          | ND           | ND       | ND       |
|                                   | Benzo (g,h,i) perylene                            | ND         | ND         | ND    | ND         | ND         | 388        | ND         | ND          | ND           | ND       | ND       |
|                                   | Benzo (k) fluoranthene                            | ND         | ND         | ND    | ND         | ND         | 636        | ND         | ND          | ND           | ND       | ND       |
|                                   | Chrysene                                          | ND         | ND         | ND    | ND         | ND         | 1200       | ND         | ND          | ND           | ND       | ND       |
|                                   | 2-Methylnaphthalene                               | ND         | 593        | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Fluoranthene                                      | ND         | ND         | ND    | ND         | ND         | 2400       | 2860       | ND          | ND           | ND       | ND       |
|                                   | Indeno (1,2,3-cd) pyrene                          | ND         | ND         | ND    | ND         | ND         | 429        | 397        | ND          | ND           | ND       | ND       |
|                                   | Phenanthrene                                      | ND         | ND         | ND    | ND         | ND         | 1140       | 2240       | ND          | ND           | ND       | ND       |
| PCBs - 8082<br>mg / kg            | Pyrene                                            | ND         | ND         | ND    | ND         | ND         | 2200       | 1720       | ND          | 406          | ND       | ND       |
|                                   | Aroclor 1016                                      | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Aroclor 1221                                      | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Aroclor 1232                                      | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Aroclor 1242                                      | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Aroclor 1248                                      | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Aroclor 1254                                      | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Aroclor 1260                                      | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |
|                                   | Arsenic                                           | 27.3       | 2.73       | 3.47  | ND         | 3.91       | 6.01       | 25.3       | 3.06        | 5.51         | 0.165    | <0.100   |
|                                   | Barium                                            | 271        | 88.3       | 143   | ND         | 167        | 87         | 79         | 119         | 140          | 0.39     | 0.38     |
|                                   | Cadmium                                           | 1.55       | 1.14       | 1.42  | ND         | 1.54       | 1.41       | 6.38       | 1.47        | 1.41         | <0.025   | <0.025   |
|                                   | Chromium                                          | 13.6       | 16.8       | 22.1  | ND         | 23.7       | 19.9       | 94.3       | 24.3        | 29.9         | <0.050   | <0.050   |
|                                   | Lead                                              | 316        | 41.8       | 11.1  | ND         | 24.2       | 24.8       | 265        | 60.9        | 62.4         | <0.100   | <0.100   |
| RCRA Metals<br>mg/kg              | Mercury                                           | 0.207      | 0.035      | 0.035 | ND         | <0.022     | 0.043      | 0.381      | 0.078       | <0.0172      | <0.0020  | <0.0020  |
|                                   | Selenium                                          | 5.08       | 2.96       | 3.47  | ND         | 3.55       | 3.82       | 15.5       | 3.55        | 0.703        | <0.100   | <0.100   |
|                                   | Silver                                            | <1.18      | <1.14      | <1.09 | ND         | <1.18      | <1.09      | <1.14      | <1.22       | <1.00        | <0.050   | <0.050   |
|                                   | Chromium, Hexavalent Soluble<br>SW 7196A<br>mg/kg | ND         | ND         | ND    | ND         | ND         | ND         | ND         | ND          | ND           | ND       | ND       |

- Notes.
1. Samples were not obtained at B-4 because of an excessive concrete pad.
  2. B-T-2 was analyzed for PCBs only.
  3. "ND" indicates no analysis was performed.
  4. Red indicates values are in excess of TAGM 4046 Recommended Soil Cleanup Objectives
  5. See Sheet 1 for location of samples

TOWN OF TONAWANDA  
303 WOODWARD AVENUE  
PRE-DEMOLITION SITE INVESTIGATION  
TABLE 2

| PCB Sampling - Wipe Tests |                                    |                                    |              |              |              |              |              |              |    |
|---------------------------|------------------------------------|------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|----|
| Sample ID                 | Location                           | Parameters<br>ug / cm <sup>2</sup> |              |              |              |              |              |              |    |
|                           |                                    | Aroclor 1016                       | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 |    |
| W-1                       | On floor near B-2                  | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           | ND |
| W-2                       | On above ground furnace            | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           | ND |
| W-3                       | On floor near T-3,4,5              | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           | ND |
| W-4                       | On floor near T-7,8,9              | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           | ND |
| W-5                       | On floor near T-20                 | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           | ND |
| W-6                       | On floor near below-ground furnace | ND                                 | ND           | ND           | ND           | ND           | ND           | 0.144        | ND |
| W-7                       | On equipment near B-6              | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           | ND |
| W-8                       | On equipment near T-16,17,18       | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           | ND |
| W-9                       | On equipment across from B-8       | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           | ND |

Note:  
See Sheet 1 for location of samples.



TOWN OF TONAWANDA  
303 WOODWARD AVENUE  
PRE-DEMOLITION SITE INVESTIGATION  
TABLE 3

PCB Oil Sampling - Transformers and Switches

| Sample ID | Parameters (mg / kg) |                 |                 |                 |                 |                 |                 |  |  |  |
|-----------|----------------------|-----------------|-----------------|-----------------|-----------------|-----------------|-----------------|--|--|--|
|           | Aroclor<br>1016      | Aroclor<br>1221 | Aroclor<br>1232 | Aroclor<br>1242 | Aroclor<br>1248 | Aroclor<br>1254 | Aroclor<br>1260 |  |  |  |
| T-1       | ND                   | ND              | ND              | ND              | ND              | ND              | 327             |  |  |  |
| T-2       | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-3       | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-4       |                      |                 |                 |                 |                 |                 |                 |  |  |  |
| T-5       | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-6       | ND                   | ND              | ND              | ND              | ND              | ND              | 2.93            |  |  |  |
| T-7       | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-8       | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-9       | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-10      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-11      | ---                  | ---             | ---             | ---             | ---             | ---             | ---             |  |  |  |
| T-12      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-13      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-14      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-15      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-16      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-17      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-18      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-19      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-20      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-21      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-22      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |
| T-23      | ND                   | ND              | ND              | ND              | ND              | ND              | ND              |  |  |  |

Notes:

1. T-3, T-4, and T-5 were composited together.
2. T-11 contained a sealed chamber and was not sampled.
3. See Sheet 1 for location of samples.
4. Transformers T-12 and T-13 were empty and were tested with a PCB wipe test.

TOWN OF TONAWANDA  
303 WOODWARD AVENUE  
PRE-DEMOLITION SITE INVESTIGATION  
TABLE 4

Disposal Approval Sampling

| Parameters     | Sample ID |          |          |          |          |          |
|----------------|-----------|----------|----------|----------|----------|----------|
|                | D-1       | D-2      | D-3      | D-4      | D-5      | D-6      |
| Date Collected | 10/29/03  | 10/29/03 | 10/29/03 | 10/29/03 | 10/29/03 | 10/29/03 |
| Arsenic        | <0.100    | <0.100   | <0.100   | <0.100   | <0.100   | <0.100   |
| Barium         | 0.155     | 0.315    | 0.355    | 0.19     | 0.135    | 0.193    |
| Cadmium        | <0.025    | <0.025   | <0.025   | <0.025   | <0.025   | <0.025   |
| Chromium       | <0.050    | <0.050   | <0.050   | <0.050   | <0.050   | <0.050   |
| Lead           | <0.100    | <0.100   | 0.71     | <0.100   | <0.100   | 0.95     |
| Mercury        | <0.0020   | <0.0020  | <0.0020  | <0.0020  | <0.0020  | <0.0020  |
| Selenium       | <0.100    | <0.100   | <0.100   | <0.100   | <0.100   | <0.100   |
| Silver         | <0.050    | <0.050   | <0.050   | <0.050   | <0.050   | <0.050   |

RCRA Metals  
mg/kg

## Analytical Data

Volatile STARS Analysis Report for Soils/Solids/Sludges.

Client: EnSol, Inc

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9203

Client Job Number: N/A

Field Location: B-1 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/23/2003

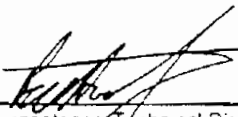
Date Reissued: 11/04/2003

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 9.40           |
| n-Butylbenzene          | ND< 9.40           |
| sec-Butylbenzene        | ND< 9.40           |
| tert-Butylbenzene       | ND< 9.40           |
| Ethylbenzene            | ND< 9.40           |
| n-Propylbenzene         | ND< 9.40           |
| Isopropylbenzene        | ND< 9.40           |
| p-Isopropyltoluene      | ND< 9.40           |
| Naphthalene             | ND< 23.5           |
| Toluene                 | ND< 9.40           |
| 1,2,4-Trimethylbenzene  | ND< 9.40           |
| 1,3,5-Trimethylbenzene  | ND< 9.40           |
| m,p-Xylene              | ND< 9.40           |
| o-Xylene                | ND< 9.40           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 9.40           |

ELAP Number 10958 Method EPA 8021B (GC/MS) Data File: 16785.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

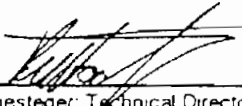
|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9204       |
| Client Job Number: | N/A          | Date Sampled:       | 10/15/2003 |
| Field Location:    | B-2 (1-2')   | Date Received:      | 10/16/2003 |
| Field ID Number:   | N/A          | Date Analyzed:      | 10/23/2003 |
| Sample Type:       | Soil         | Date Reissued:      | 11/04/2003 |

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 8.40           |
| n-Butylbenzene          | ND< 8.40           |
| sec-Butylbenzene        | ND< 8.40           |
| tert-Butylbenzene       | ND< 8.40           |
| Ethylbenzene            | ND< 8.40           |
| n-Propylbenzene         | ND< 8.40           |
| Isopropylbenzene        | ND< 8.40           |
| p-Isopropyltoluene      | ND< 8.40           |
| Naphthalene             | ND< 21.0           |
| Toluene                 | ND< 8.40           |
| 1,2,4-Trimethylbenzene  | ND< 8.40           |
| 1,3,5-Trimethylbenzene  | ND< 8.40           |
| m,p-Xylene              | ND< 8.40           |
| o-Xylene                | ND< 8.40           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 8.40           |

ELAP Number 10958 Method: EPA 8021B (GC/MS) Data File: 16786.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

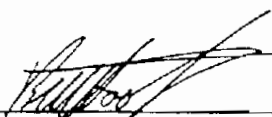
|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9205       |
| Client Job Number: | N/A          |                     |            |
| Field Location:    | B-3 (2-3')   | Date Sampled:       | 10/15/2003 |
| Field ID Number:   | N/A          | Date Received:      | 10/16/2003 |
| Sample Type:       | Soil         | Date Analyzed:      | 10/23/2003 |
|                    |              | Date Reissued:      | 11/04/2003 |

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 11.1           |
| n-Butylbenzene          | ND< 11.1           |
| sec-Butylbenzene        | ND< 11.1           |
| tert-Butylbenzene       | ND< 11.1           |
| Ethylbenzene            | ND< 11.1           |
| n-Propylbenzene         | ND< 11.1           |
| Isopropylbenzene        | ND< 11.1           |
| p-Isopropyltoluene      | ND< 11.1           |
| Naphthalene             | ND< 27.7           |
| Toluene                 | ND< 11.1           |
| 1,2,4-Trimethylbenzene  | ND< 11.1           |
| 1,3,5-Trimethylbenzene  | ND< 11.1           |
| m,p-Xylene              | ND< 11.1           |
| o-Xylene                | ND< 11.1           |
| <u>Miscellaneous</u>    |                    |
| Methyl tert-butyl Ether | ND< 11.1           |

ELAP Number 10958 Method EPA 8021B (GC/MS) Data File: 16797.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature.

  
\_\_\_\_\_  
Bruce Hoogesteger Technical Director

## Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9206

Client Job Number: N/A

Field Location: B-5 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/23/2003

Date Reissued: 11/04/2003

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 8.15           |
| n-Butylbenzene          | ND< 8.15           |
| sec-Butylbenzene        | ND< 8.15           |
| tert-Butylbenzene       | ND< 8.15           |
| Ethylbenzene            | ND< 8.15           |
| n-Propylbenzene         | ND< 8.15           |
| Isopropylbenzene        | ND< 8.15           |
| p-Isopropyltoluene      | ND< 8.15           |
| Naphthalene             | ND< 20.4           |
| Toluene                 | ND< 8.15           |
| 1,2,4-Trimethylbenzene  | ND< 8.15           |
| 1,3,5-Trimethylbenzene  | ND< 8.15           |
| m,p-Xylene              | ND< 8.15           |
| o-Xylene                | ND< 8.15           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 8.15           |

ELAP Number 10958 Method: EPA 8021B (GC/MS) Data File: 16788.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

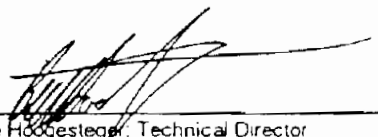
|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9207       |
| Client Job Number: | N/A          | Date Sampled:       | 10/15/2003 |
| Field Location:    | B-6 (2-3')   | Date Received:      | 10/16/2003 |
| Field ID Number:   | N/A          | Date Analyzed:      | 10/23/2003 |
| Sample Type:       | Soil         | Date Reissued:      | 11/04/2003 |

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 10.3           |
| n-Butylbenzene          | 32.5               |
| sec-Butylbenzene        | 12.2               |
| tert-Butylbenzene       | 28.8               |
| Ethylbenzene            | ND< 10.3           |
| n-Propylbenzene         | 11.5               |
| Isopropylbenzene        | 10.3               |
| p-Isopropyltoluene      | 22.9               |
| Naphthalene             | 39.7               |
| Toluene                 | ND< 10.3           |
| 1,2,4-Trimethylbenzene  | 28.3               |
| 1,3,5-Trimethylbenzene  | 15.6               |
| m,p-Xylene              | ND< 10.3           |
| o-Xylene                | ND< 10.3           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 10.3           |

ELAP Number 10958 Method EPA 8021B (GC/MS) Data File: 16789.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director



Volatile STARS Analysis Report for Soils/Solids/SludgesClient: EnSol, Inc

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9208

Client Job Number: N/A

Field Location: B-7 (0-1')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/23/2003

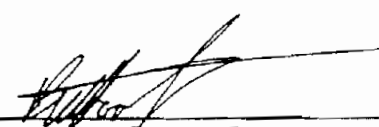
Date Reissued: 11/04/2003

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 9.25           |
| n-Butylbenzene          | ND< 9.25           |
| sec-Butylbenzene        | ND< 9.25           |
| tert-Butylbenzene       | ND< 9.25           |
| Ethylbenzene            | ND< 9.25           |
| n-Propylbenzene         | ND< 9.25           |
| Isopropylbenzene        | ND< 9.25           |
| p-Isopropyltoluene      | ND< 9.25           |
| Naphthalene             | ND< 23.1           |
| Toluene                 | ND< 9.25           |
| 1,2,4-Trimethylbenzene  | ND< 9.25           |
| 1,3,5-Trimethylbenzene  | ND< 9.25           |
| m,p-Xylene              | ND< 9.25           |
| o-Xylene                | ND< 9.25           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 9.25           |

ELAP Number 10958 Method EPA 8021B (GC/MS) Data File 16790.D

Comments ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesleger, Technical Director

Volatile STARS Analysis Report for Soils/Solids/SludgesClient: EnSol, Inc

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9209

Client Job Number: N/A

Field Location: B-8 (1-2')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/23/2003

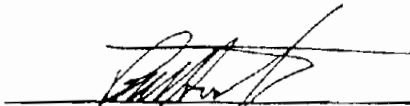
Date Reissued: 11/04/2003

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 9.87           |
| n-Butylbenzene          | ND< 9.87           |
| sec-Butylbenzene        | ND< 9.87           |
| tert-Butylbenzene       | ND< 9.87           |
| Ethylbenzene            | ND< 9.87           |
| n-Propylbenzene         | ND< 9.87           |
| Isopropylbenzene        | ND< 9.87           |
| p-Isopropyltoluene      | ND< 9.87           |
| Naphthalene             | ND< 24.7           |
| Toluene                 | ND< 9.87           |
| 1,2,4-Trimethylbenzene  | ND< 9.87           |
| 1,3,5-Trimethylbenzene  | ND< 9.87           |
| m,p-Xylene              | ND< 9.87           |
| o-Xylene                | ND< 9.87           |
| Miscellaneous           |                    |
| Methyl tert-butyl Ether | ND< 9.87           |

ELAP Number 10958 Method: EPA 8021B (GC/MS) Data File: 16791.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol

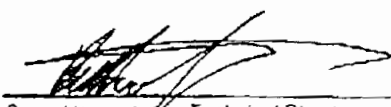
|                    |                                       |                     |            |
|--------------------|---------------------------------------|---------------------|------------|
| Client Job Site:   | 303 Woodward Ave<br>Town of Tonawanda | Lab Project Number: | 03-2852    |
| Client Job Number: | N/A                                   | Lab Sample Number:  | 9377       |
| Field Location:    | B-13 (0-1')                           | Date Sampled:       | 10/17/2003 |
| Field ID Number:   | N/A                                   | Date Received:      | 10/20/2003 |
| Sample Type:       | Soil                                  | Date Analyzed:      | 10/24/2003 |
|                    |                                       | Date Reissued:      | 11/18/2003 |

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 8.20           |
| n-Butylbenzene          | ND< 8.20           |
| sec-Butylbenzene        | ND< 8.20           |
| tert-Butylbenzene       | ND< 8.20           |
| Ethylbenzene            | ND< 8.20           |
| n-Propylbenzene         | ND< 8.20           |
| Isopropylbenzene        | ND< 8.20           |
| p-Isopropyltoluene      | ND< 8.20           |
| Naphthalene             | ND< 20.5           |
| Toluene                 | ND< 8.20           |
| 1,2,4-Trimethylbenzene  | ND< 8.20           |
| 1,3,5-Trimethylbenzene  | ND< 8.20           |
| m,p-Xylene              | ND< 8.20           |
| o-Xylene                | ND< 8.20           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 8.20           |

ELAP Number 10958 Method: EPA 8021B (GC/MS) Data File: 16636.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9203

Client Job Number: N/A

Field Location: B-1 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 362            | Dibenz (a,h) anthracene       | ND< 362            |
| Anthracene                   | ND< 362            | Fluoranthene                  | ND< 362            |
| Benzo (a) anthracene         | ND< 362            | Fluorene                      | ND< 362            |
| Benzo (a) pyrene             | ND< 362            | Indeno (1,2,3-cd) pyrene      | ND< 362            |
| Benzo (b) fluoranthene       | ND< 362            | Naphthalene                   | ND< 362            |
| Benzo (g,h,i) perylene       | ND< 362            | Phenanthrene                  | ND< 362            |
| Benzo (k) fluoranthene       | ND< 362            | Pyrene                        | ND< 362            |
| Chrysene                     | ND< 362            | Acenaphthylene                | ND< 362            |
| Dialhyl phthalate            | ND< 362            | 1,2-Dichlorobenzene           | ND< 362            |
| Dimethyl phthalate           | ND< 905            | 1,3-Dichlorobenzene           | ND< 362            |
| Butylbenzylphthalate         | ND< 362            | 1,4-Dichlorobenzene           | ND< 362            |
| Di-n-butyl phthalate         | ND< 362            | 1,2,4-Trichlorobenzene        | ND< 362            |
| Di-n-octylphthalate          | ND< 362            | Nitrobenzene                  | ND< 362            |
| Bis (2-ethylhexyl) phthalate | ND< 362            | 2,4-Dinitrotoluene            | ND< 362            |
| 2-Chloronaphthalene          | ND< 362            | 2,6-Dinitrotoluene            | ND< 362            |
| Hexachlorobenzene            | ND< 362            | Bis (2-chloroethyl) ether     | ND< 362            |
| Hexachloroethane             | ND< 362            | Bis (2-chloroisopropyl) ether | ND< 362            |
| Hexachlorocyclopentadiene    | ND< 362            | Bis (2-chloroethoxy) methane  | ND< 362            |
| Hexachlorobutadiene          | ND< 362            | 4-Bromophenyl phenyl ether    | ND< 362            |
| N-Nitroso-di-n-propylamine   | ND< 362            | 4-Chlorophenyl phenyl ether   | ND< 362            |
| N-Nitrosodiphenylamine       | ND< 362            | Benzidine                     | ND< 905            |
| N-Nitrosodimethylamine       | ND< 362            | 3,3'-Dichlorobenzidine        | ND< 362            |
| Isophorone                   | ND< 362            | 4-Chloroaniline               | ND< 362            |
| Benzyl alcohol               | ND< 905            | 2-Nitroaniline                | ND< 905            |
| Dibenzofuran                 | ND< 362            | 3-Nitroaniline                | ND< 905            |
| 2-Methylnaphthalene          | ND< 362            | 4-Nitroaniline                | ND< 905            |

ELAP Number 10958

Method EPA 8270C

Data File: 13495.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

## Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9204

Client Job Number: N/A

Field Location: B-2 (1-2')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 344            | Dibenz (a,h) anthracene       | ND< 344            |
| Anthracene                   | ND< 344            | Fluoranthene                  | ND< 344            |
| Benzo (a) anthracene         | ND< 344            | Fluorene                      | ND< 344            |
| Benzo (a) pyrene             | ND< 344            | Indeno (1,2,3-cd) pyrene      | ND< 344            |
| Benzo (b) fluoranthene       | ND< 344            | Naphthalene                   | ND< 344            |
| Benzo (g,h,i) perylene       | ND< 344            | Phenanthrene                  | ND< 344            |
| Benzo (k) fluoranthene       | ND< 344            | Pyrene                        | ND< 344            |
| Chrysene                     | ND< 344            | Acenaphthylene                | ND< 344            |
| Diethyl phthalate            | ND< 344            | 1,2-Dichlorobenzene           | ND< 344            |
| Dimethyl phthalate           | ND< 859            | 1,3-Dichlorobenzene           | ND< 344            |
| Butylbenzylphthalate         | ND< 344            | 1,4-Dichlorobenzene           | ND< 344            |
| Di-n-butyl phthalate         | ND< 344            | 1,2,4-Trichlorobenzene        | ND< 344            |
| Di-n-octylphthalate          | ND< 344            | Nitrobenzene                  | ND< 344            |
| Bis (2-ethylhexyl) phthalate | ND< 344            | 2,4-Dinitrotoluene            | ND< 344            |
| 2-Chloronaphthalene          | ND< 344            | 2,6-Dinitrotoluene            | ND< 344            |
| Hexachlorobenzene            | ND< 344            | Bis (2-chloroethyl) ether     | ND< 344            |
| Hexachloroethane             | ND< 344            | Bis (2-chloroisopropyl) ether | ND< 344            |
| Hexachlorocyclopentadiene    | ND< 344            | Bis (2-chloroethoxy) methane  | ND< 344            |
| Hexachlorobutadiene          | ND< 344            | 4-Bromophenyl phenyl ether    | ND< 344            |
| N-Nitroso-di-n-propylamine   | ND< 344            | 4-Chlorophenyl phenyl ether   | ND< 344            |
| N-Nitrosodiphenylamine       | ND< 344            | Benzidine                     | ND< 859            |
| N-Nitrosodimethylamine       | ND< 344            | 3,3'-Dichlorobenzidine        | ND< 344            |
| Isophorone                   | ND< 344            | 4-Chloroaniline               | ND< 344            |
| Benzyl alcohol               | ND< 859            | 2-Nitroaniline                | ND< 859            |
| Dibenzofuran                 | ND< 344            | 3-Nitroaniline                | ND< 859            |
| 2-Methylnaphthalene          | 593                | 4-Nitroaniline                | ND< 859            |

ELAP Number 10958

Method EPA 8270C

Data File: 13496.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9205

Client Job Number: N/A

Field Location: B-3 (2-3)

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 357            | Dibenz (a,h) anthracene       | ND< 357            |
| Anthracene                   | ND< 357            | Fluoranthene                  | ND< 357            |
| Benzo (a) anthracene         | ND< 357            | Fluorene                      | ND< 357            |
| Benzo (a) pyrene             | ND< 357            | Indeno (1,2,3-cd) pyrene      | ND< 357            |
| Benzo (b) fluoranthene       | ND< 357            | Naphthalene                   | ND< 357            |
| Benzo (g,h,i) perylene       | ND< 357            | Phenanthrene                  | ND< 357            |
| Benzo (k) fluoranthene       | ND< 357            | Pyrene                        | ND< 357            |
| Chrysene                     | ND< 357            | Acenaphthylene                | ND< 357            |
| Diethyl phthalate            | ND< 357            | 1,2-Dichlorobenzene           | ND< 357            |
| Dimethyl phthalate           | ND< 893            | 1,3-Dichlorobenzene           | ND< 357            |
| Butylbenzylphthalate         | ND< 357            | 1,4-Dichlorobenzene           | ND< 357            |
| Di-n-butyl phthalate         | ND< 357            | 1,2,4-Trichlorobenzene        | ND< 357            |
| Di-n-octylphthalate          | ND< 357            | Nitrobenzene                  | ND< 357            |
| Bis (2-ethylhexyl) phthalate | ND< 357            | 2,4-Dinitrotoluene            | ND< 357            |
| 2-Chloronaphthalene          | ND< 357            | 2,6-Dinitrotoluene            | ND< 357            |
| Hexachlorobenzene            | ND< 357            | Bis (2-chloroethyl) ether     | ND< 357            |
| Hexachloroethane             | ND< 357            | Bis (2-chloroisopropyl) ether | ND< 357            |
| Hexachlorocyclopentadiene    | ND< 357            | Bis (2-chloroethoxy) methane  | ND< 357            |
| Hexachlorobutadiene          | ND< 357            | 4-Bromophenyl phenyl ether    | ND< 357            |
| N-Nitroso-di-n-propylamine   | ND< 357            | 4-Chlorophenyl phenyl ether   | ND< 357            |
| N-Nitrosodiphenylamine       | ND< 357            | Benzidine                     | ND< 893            |
| N-Nitrosodimethylamine       | ND< 357            | 3,3'-Dichlorobenzidine        | ND< 357            |
| Isophorone                   | ND< 357            | 4-Chloroaniline               | ND< 357            |
| Benzyl alcohol               | ND< 893            | 2-Nitroaniline                | ND< 893            |
| Dibenzofuran                 | ND< 357            | 3-Nitroaniline                | ND< 893            |
| 2-Methylnaphthalene          | ND< 357            | 4-Nitroaniline                | ND< 893            |

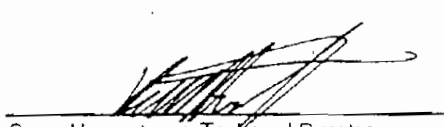
ELAP Number 10958

Method EPA 8270C

Data File 13497.D

Comments ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesteger Technical Director

Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9206

Client Job Number: N/A

Field Location: B-5 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 370            | Dibenz (a,h) anthracene       | ND< 370            |
| Anthracene                   | ND< 370            | Fluoranthene                  | ND< 370            |
| Benzo (a) anthracene         | ND< 370            | Fluorene                      | ND< 370            |
| Benzo (a) pyrene             | ND< 370            | Indeno (1,2,3-cd) pyrene      | ND< 370            |
| Benzo (b) fluoranthene       | ND< 370            | Naphthalene                   | ND< 370            |
| Benzo (g,h,i) perylene       | ND< 370            | Phenanthrene                  | ND< 370            |
| Benzo (k) fluoranthene       | ND< 370            | Pyrene                        | ND< 370            |
| Chrysene                     | ND< 370            | Acenaphthylene                | ND< 370            |
| Diethyl phthalate            | ND< 370            | 1,2-Dichlorobenzene           | ND< 370            |
| Dimethyl phthalate           | ND< 925            | 1,3-Dichlorobenzene           | ND< 370            |
| Butylbenzylphthalate         | ND< 370            | 1,4-Dichlorobenzene           | ND< 370            |
| Di-n-butyl phthalate         | ND< 370            | 1,2,4-Trichlorobenzene        | ND< 370            |
| Di-n-octylphthalate          | ND< 370            | Nitrobenzene                  | ND< 370            |
| Bis (2-ethylhexyl) phthalate | ND< 370            | 2,4-Dinitrotoluene            | ND< 370            |
| 2-Chloronaphthalene          | ND< 370            | 2,6-Dinitrotoluene            | ND< 370            |
| Hexachlorobenzene            | ND< 370            | Bis (2-chloroethyl) ether     | ND< 370            |
| Hexachloroethane             | ND< 370            | Bis (2-chloroisopropyl) ether | ND< 370            |
| Hexachlorocyclopentadiene    | ND< 370            | Bis (2-chloroethoxy) methane  | ND< 370            |
| Hexachlorobutadiene          | ND< 370            | 4-Bromophenyl phenyl ether    | ND< 370            |
| N-Nitroso-di-n-propylamine   | ND< 370            | 4-Chlorophenyl phenyl ether   | ND< 370            |
| N-Nitrosodiphenylamine       | ND< 370            | Benzidine                     | ND< 925            |
| N-Nitrosodimethylamine       | ND< 370            | 3,3'-Dichlorobenzidine        | ND< 370            |
| Isophorone                   | ND< 370            | 4-Chloroaniline               | ND< 370            |
| Benzyl alcohol               | ND< 925            | 2-Nitroaniline                | ND< 925            |
| Dibenzofuran                 | ND< 370            | 3-Nitroaniline                | ND< 925            |
| 2-Methylnaphthalene          | ND< 370            | 4-Nitroaniline                | ND< 925            |

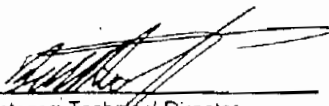
ELAP Number 10958

Method: EPA 8270C

Data File 13498.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature

  
Bruce Hoogesteger: Technical Director

Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9207

Client Job Number: N/A

Field Location: B-6 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 365            | Dibenz (a,h) anthracene       | ND< 365            |
| Anthracene                   | 643                | Fluoranthene                  | 2,400              |
| Benzo (a) anthracene         | 1,200              | Fluorene                      | ND< 365            |
| Benzo (a) pyrene             | 723                | Indeno (1,2,3-cd) pyrene      | 429                |
| Benzo (b) fluoranthene       | 698                | Naphthalene                   | ND< 365            |
| Benzo (g,h,i) perylene       | 386                | Phenanthrene                  | 1,140              |
| Benzo (k) fluoranthene       | 636                | Pyrene                        | 2,200              |
| Chrysene                     | 1,200              | Acenaphthylene                | ND< 365            |
| Diethyl phthalate            | ND< 365            | 1,2-Dichlorobenzene           | ND< 365            |
| Dimethyl phthalate           | ND< 914            | 1,3-Dichlorobenzene           | ND< 365            |
| Butylbenzylphthalate         | ND< 365            | 1,4-Dichlorobenzene           | ND< 365            |
| Di-n-butyl phthalate         | ND< 365            | 1,2,4-Trichlorobenzene        | ND< 365            |
| Di-n-octylphthalate          | ND< 365            | Nitrobenzene                  | ND< 365            |
| Bis (2-ethylhexyl) phthalate | ND< 365            | 2,4-Dinitrotoluene            | ND< 365            |
| 2-Chloronaphthalene          | ND< 365            | 2,6-Dinitrotoluene            | ND< 365            |
| Hexachlorobenzene            | ND< 365            | Bis (2-chloroethyl) ether     | ND< 365            |
| Hexachloroethane             | ND< 365            | Bis (2-chloroisopropyl) ether | ND< 365            |
| Hexachlorocyclopentadiene    | ND< 365            | Bis (2-chloroethoxy) methane  | ND< 365            |
| Hexachlorobutadiene          | ND< 365            | 4-Bromophenyl phenyl ether    | ND< 365            |
| N-Nitroso-di-n-propylamine   | ND< 365            | 4-Chlorophenyl phenyl ether   | ND< 365            |
| N-Nitrosodiphenylamine       | ND< 365            | Benzidine                     | ND< 914            |
| N-Nitrosodimethylamine       | ND< 365            | 3,3'-Dichlorobenzidine        | ND< 365            |
| Isophorone                   | ND< 365            | 4-Chloroaniline               | ND< 365            |
| Benzyl alcohol               | ND< 914            | 2-Nitroaniline                | ND< 914            |
| Dibenzofuran                 | ND< 365            | 3-Nitroaniline                | ND< 914            |
| 2-Methylnaphthalene          | ND< 365            | 4-Nitroaniline                | ND< 914            |

ELAP Number 10958

Method: EPA 8270C

Data File: 13487.D

Comments ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature

Bruce Hoogesteger Technical Director



## Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9208

Client Job Number: N/A

Field Location: B-7 (0-1')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 331            | Dibenz (a,h) anthracene       | ND< 331            |
| Anthracene                   | 671                | Fluoranthene                  | 2,860              |
| Benzo (a) anthracene         | ND< 331            | Fluorene                      | ND< 331            |
| Benzo (a) pyrene             | 633                | Indeno (1,2,3-cd) pyrene      | 397                |
| Benzo (b) fluoranthene       | ND< 331            | Naphthalene                   | ND< 331            |
| Benzo (g,h,i) perylene       | ND< 331            | Phenanthrene                  | 2,240              |
| Benzo (k) fluoranthene       | ND< 331            | Pyrene                        | 1,720              |
| Chrysene                     | ND< 331            | Acenaphthylene                | ND< 331            |
| Diethyl phthalate            | ND< 331            | 1,2-Dichlorobenzene           | ND< 331            |
| Dimethyl phthalate           | ND< 828            | 1,3-Dichlorobenzene           | ND< 331            |
| Butylbenzylphthalate         | ND< 331            | 1,4-Dichlorobenzene           | ND< 331            |
| Di-n-butyl phthalate         | ND< 331            | 1,2,4-Trichlorobenzene        | ND< 331            |
| Di-n-octylphthalate          | ND< 331            | Nitrobenzene                  | ND< 331            |
| Bis (2-ethylhexyl) phthalate | ND< 331            | 2,4-Dinitrotoluene            | ND< 331            |
| 2-Chloronaphthalene          | ND< 331            | 2,6-Dinitrotoluene            | ND< 331            |
| Hexachlorobenzene            | ND< 331            | Bis (2-chloroethyl) ether     | ND< 331            |
| Hexachloroethane             | ND< 331            | Bis (2-chloroisopropyl) ether | ND< 331            |
| Hexachlorocyclopentadiene    | ND< 331            | Bis (2-chloroethoxy) methane  | ND< 331            |
| Hexachlorobutadiene          | ND< 331            | 4-Bromophenyl phenyl ether    | ND< 331            |
| N-Nitroso-di-n-propylamine   | ND< 331            | 4-Chlorophenyl phenyl ether   | ND< 331            |
| N-Nitrosodiphenylamine       | ND< 331            | Benzidine                     | ND< 828            |
| N-Nitrosodimethylamine       | ND< 331            | 3,3'-Dichlorobenzidine        | ND< 331            |
| Isophorone                   | ND< 331            | 4-Chloroaniline               | ND< 331            |
| Benzyl alcohol               | ND< 828            | 2-Nitroaniline                | ND< 828            |
| Dibenzofuran                 | ND< 331            | 3-Nitroaniline                | ND< 828            |
| 2-Methylnaphthalene          | ND< 331            | 4-Nitroaniline                | ND< 828            |

ELAP Number 10958

Method EPA 8270C

Data File: 13488.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger: Technical Director

Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9209

Client Job Number: N/A

Field Location: B-8 (1-2')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 360            | Dibenz (a,h) anthracene       | ND< 360            |
| Anthracene                   | ND< 360            | Fluoranthene                  | ND< 360            |
| Benzo (a) anthracene         | ND< 360            | Fluorene                      | ND< 360            |
| Benzo (a) pyrene             | ND< 360            | Indeno (1,2,3-cd) pyrene      | ND< 360            |
| Benzo (b) fluoranthene       | ND< 360            | Naphthalene                   | ND< 360            |
| Benzo (g,h,i) perylene       | ND< 360            | Phenanthrene                  | ND< 360            |
| Benzo (k) fluoranthene       | ND< 360            | Pyrene                        | ND< 360            |
| Chrysene                     | ND< 360            | Acenaphthylene                | ND< 360            |
| Diethyl phthalate            | ND< 360            | 1,2-Dichlorobenzene           | ND< 360            |
| Dimethyl phthalate           | ND< 900            | 1,3-Dichlorobenzene           | ND< 360            |
| Butylbenzylphthalate         | ND< 360            | 1,4-Dichlorobenzene           | ND< 360            |
| Di-n-butyl phthalate         | ND< 360            | 1,2,4-Trichlorobenzene        | ND< 360            |
| Di-n-octylphthalate          | ND< 360            | Nitrobenzene                  | ND< 360            |
| Bis (2-ethylhexyl) phthalate | ND< 360            | 2,4-Dinitrotoluene            | ND< 360            |
| 2-Chloronaphthalene          | ND< 360            | 2,6-Dinitrotoluene            | ND< 360            |
| Hexachlorobenzene            | ND< 360            | Bis (2-chloroethyl) ether     | ND< 360            |
| Hexachloroethane             | ND< 360            | Bis (2-chloroisopropyl) ether | ND< 360            |
| Hexachlorocyclopentadiene    | ND< 360            | Bis (2-chloroethoxy) methane  | ND< 360            |
| Hexachlorobutadiene          | ND< 360            | 4-Bromophenyl phenyl ether    | ND< 360            |
| N-Nitroso-di-n-propylamine   | ND< 360            | 4-Chlorophenyl phenyl ether   | ND< 360            |
| N-Nitrosodiphenylamine       | ND< 360            | Benzidine                     | ND< 900            |
| N-Nitrosodimethylamine       | ND< 360            | 3,3'-Dichlorobenzidine        | ND< 360            |
| Isophorone                   | ND< 360            | 4-Chloroaniline               | ND< 360            |
| Benzyl alcohol               | ND< 900            | 2-Nitroaniline                | ND< 900            |
| Dibenzofuran                 | ND< 360            | 3-Nitroaniline                | ND< 900            |
| 2-Methylnaphthalene          | ND< 360            | 4-Nitroaniline                | ND< 900            |

ELAP Number 10958

Method EPA 8270C

Data File 13489 D

Comments

ND denotes Non Detect

ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

## Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol

Client Job Site: 303 Woodward Ave.  
Town of Tonawanda

Lab Project Number: 03-2852  
Lab Sample Number: 9377

Client Job Number: N/A  
Field Location: B-13(0-1')  
Field ID Number: N/A  
Sample Type: Soil

Date Sampled: 10/17/2003  
Date Received: 10/20/2003  
Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND < 365           | Dibenz (a,h) anthracene       | ND < 365           |
| Anthracene                   | ND < 365           | Fluoranthene                  | ND < 365           |
| Benzo (a) anthracene         | ND < 365           | Fluorene                      | ND < 365           |
| Benzo (a) pyrene             | ND < 365           | Indeno (1,2,3-cd) pyrene      | ND < 365           |
| Benzo (b) fluoranthene       | ND < 365           | Naphthalene                   | ND < 365           |
| Benzo (g,h,i) perylene       | ND < 365           | Phenanthrene                  | ND < 365           |
| Benzo (k) fluoranthene       | ND < 365           | Pyrene                        | 406                |
| Chrysene                     | ND < 365           | Acenaphthylene                | ND < 365           |
| Diethyl phthalate            | ND < 365           | 1,2-Dichlorobenzene           | ND < 365           |
| Dimethyl phthalate           | ND < 913           | 1,3-Dichlorobenzene           | ND < 365           |
| Butylbenzylphthalate         | ND < 365           | 1,4-Dichlorobenzene           | ND < 365           |
| Di-n-butyl phthalate         | ND < 365           | 1,2,4-Trichlorobenzene        | ND < 365           |
| Di-n-octylphthalate          | ND < 365           | Nitrobenzene                  | ND < 365           |
| Bis (2-ethylhexyl) phthalate | ND < 365           | 2,4-Dinitrotoluene            | ND < 365           |
| 2-Chloronaphthalene          | ND < 365           | 2,6-Dinitrotoluene            | ND < 365           |
| Hexachlorobenzene            | ND < 365           | Bis (2-chloroethyl) ether     | ND < 365           |
| Hexachloroethane             | ND < 365           | Bis (2-chloroisopropyl) ether | ND < 365           |
| Hexachlorocyclopentadiene    | ND < 365           | Bis (2-chloroethoxy) methane  | ND < 365           |
| Hexachlorobutadiene          | ND < 365           | 4-Bromophenyl phenyl ether    | ND < 365           |
| N-Nitroso-di-n-propylamine   | ND < 365           | 4-Chlorophenyl phenyl ether   | ND < 365           |
| N-Nitrosodiphenylamine       | ND < 365           | Benzidine                     | ND < 913           |
| N-Nitrosodimethylamine       | ND < 365           | 3,3'-Dichlorobenzidine        | ND < 365           |
| Isophorone                   | ND < 365           | 4-Chloroaniline               | ND < 365           |
| Benzyl alcohol               | ND < 913           | 2-Nitroaniline                | ND < 913           |
| Dibenzofuran                 | ND < 365           | 3-Nitroaniline                | ND < 913           |
| 2-Methylnaphthalene          | ND < 365           | 4-Nitroaniline                | ND < 913           |

ELAP Number 10958

Method EPA 8270C

Data File 13506.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

Bruce Hoogesteger, Technical Director

PCB Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9204

Client Job Number: N/A

Field Location: B-2 (1-2')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/21/2003

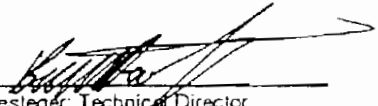
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.462          |
| Aroclor 1221       | ND< 0.462          |
| Aroclor 1232       | ND< 0.462          |
| Aroclor 1242       | ND< 0.462          |
| Aroclor 1248       | ND< 0.462          |
| Aroclor 1254       | ND< 0.462          |
| Aroclor 1260       | ND< 0.462          |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9208

Client Job Number: N/A

Field Location: B-7 (0-1')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/21/2003

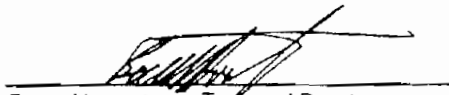
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.471          |
| Aroclor 1221       | ND< 0.471          |
| Aroclor 1232       | ND< 0.471          |
| Aroclor 1242       | ND< 0.471          |
| Aroclor 1248       | ND< 0.471          |
| Aroclor 1254       | ND< 0.471          |
| Aroclor 1260       | ND< 0.471          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9210

Client Job Number: N/A

Field Location: T-2 (0-6")

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/21/2003

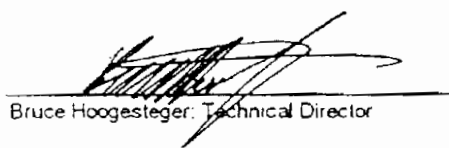
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND < 0.448         |
| Aroclor 1221       | ND < 0.448         |
| Aroclor 1232       | ND < 0.448         |
| Aroclor 1242       | ND < 0.448         |
| Aroclor 1248       | ND < 0.448         |
| Aroclor 1254       | ND < 0.448         |
| Aroclor 1260       | ND < 0.448         |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: EnSol, Inc.  
Client Job Site: 303 Woodward  
Client Job No.: N/A  
Field Location: B-1 (2-3')  
Field ID No.: N/A

Lab Project No.: 03-2819  
Lab Sample No.: 9203  
Sample Type: Solid  
Date Sampled: 10/15/2003  
Date Received: 10/16/2003

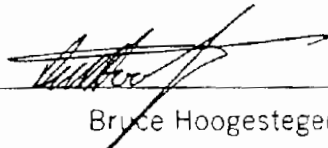
## Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 27.3           |
| Barium    | 10/22/2003    | SW846 6010        | 271            |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.65           |
| Chromium  | 10/22/2003    | SW846 6010        | 13.6           |
| Lead      | 10/22/2003    | SW846 6010        | 316            |
| Mercury   | 10/21/2003    | SW846 7471        | 0.207          |
| Selenium  | 10/22/2003    | SW846 6010        | 5.08           |
| Silver    | 10/22/2003    | SW846 6010        | <1.18          |

ELAP ID No. 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

Client: EnSol, Inc.  
Client Job Site: 303 Woodward  
Client Job No.: N/A  
Field Location: B-2 (1-2')  
Field ID No.: N/A

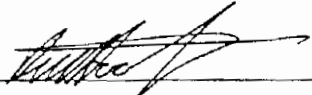
Lab Project No.: 03-2819  
Lab Sample No.: 9204  
Sample Type: Solid  
Date Sampled: 10/15/2003  
Date Received: 10/16/2003

Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 2.73           |
| Barium    | 10/22/2003    | SW846 6010        | 88.3           |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.14           |
| Chromium  | 10/22/2003    | SW846 6010        | 16.8           |
| Lead      | 10/22/2003    | SW846 6010        | 41.8           |
| Mercury   | 10/21/2003    | SW846 7471        | 0.035          |
| Selenium  | 10/22/2003    | SW846 6010        | 2.96           |
| Silver    | 10/22/2003    | SW846 6010        | <1.14          |

ELAP ID No.: 10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director



Client: EnSol, Inc.  
 Client Job Site: 303 Woodward  
 Client Job No.: N/A  
 Field Location: B-3 (2-3')  
 Field ID No.: N/A

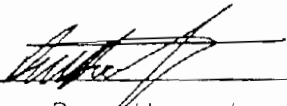
Lab Project No.: 03-2819  
 Lab Sample No.: 9205  
 Sample Type: Solid  
 Date Sampled: 10/15/2003  
 Date Received: 10/16/2003

### Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 3.47           |
| Barium    | 10/22/2003    | SW846 6010        | 143            |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.42           |
| Chromium  | 10/22/2003    | SW846 6010        | 22.1           |
| Lead      | 10/22/2003    | SW846 6010        | 11.1           |
| Mercury   | 10/21/2003    | SW846 7471        | 0.035          |
| Selenium  | 10/22/2003    | SW846 6010        | 3.47           |
| Silver    | 10/22/2003    | SW846 6010        | <1.09          |

ELAP ID No. 10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

Client: EnSol, Inc.  
Client Job Site: 303 Woodward  
Client Job No.: N/A  
Field Location: B-5 (2-3')  
Field ID No.: N/A

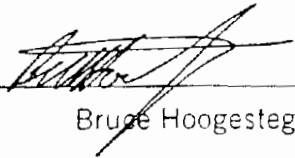
Lab Project No.: 03-2819  
Lab Sample No.: 9206  
Sample Type: Solid  
Date Sampled: 10/15/2003  
Date Received: 10/16/2003

Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 3.91           |
| Barium    | 10/22/2003    | SW846 6010        | 167            |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.54           |
| Chromium  | 10/22/2003    | SW846 6010        | 23.7           |
| Lead      | 10/22/2003    | SW846 6010        | 24.2           |
| Mercury   | 10/21/2003    | SW846 7471        | <0.022         |
| Selenium  | 10/22/2003    | SW846 6010        | 3.55           |
| Silver    | 10/22/2003    | SW846 6010        | <1.18          |

ELAP ID No.: 10958

Comments:

Reviewed By:   
Bruce Hoogesteger, Technical Director

Client: EnSol, Inc.  
Client Job Site: 303 Woodward  
Client Job No.: N/A  
Location: B-6 (2-3')  
Solid ID No.: N/A

Lab Project No.: 03-2819  
Lab Sample No.: 9207  
Sample Type: Solid  
Date Sampled: 10/15/2003  
Date Received: 10/16/2003

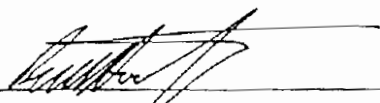
Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 6.01           |
| Barium    | 10/22/2003    | SW846 6010        | 87.0           |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.41           |
| Chromium  | 10/22/2003    | SW846 6010        | 19.9           |
| Lead      | 10/22/2003    | SW846 6010        | 24.8           |
| Mercury   | 10/21/2003    | SW846 7471        | 0.043          |
| Selenium  | 10/22/2003    | SW846 6010        | 3.82           |
| Silver    | 10/22/2003    | SW846 6010        | <1.09          |

ELAP ID No. 10958

Comments:

Prepared By:



Bruce Hoogesteger, Technical Director

Client: EnSol, Inc.  
Client Job Site: 303 Woodward  
Client Job No.: N/A  
Field Location: B-7 (0-1')  
Field ID No.: N/A

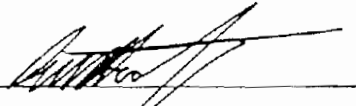
Lab Project No.: 03-2819  
Lab Sample No.: 9208  
Sample Type: Solid  
Date Sampled: 10/15/2003  
Date Received: 10/16/2003

Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 25.3           |
| Barium    | 10/22/2003    | SW846 6010        | 79.0           |
| Cadmium   | 10/22/2003    | SW846 6010        | 6.38           |
| Chromium  | 10/22/2003    | SW846 6010        | 94.3           |
| Lead      | 10/22/2003    | SW846 6010        | 265            |
| Mercury   | 10/21/2003    | SW846 7471        | 0.381          |
| Selenium  | 10/22/2003    | SW846 6010        | 15.5           |
| Silver    | 10/22/2003    | SW846 6010        | <1.14          |

ELAP ID No. 10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

Client: EnSol, Inc.  
Client Job Site: 303 Woodward  
Client Job No.: N/A  
Field Location: B-8 (1-2')  
Field ID No.: N/A

Lab Project No.: 03-2819  
Lab Sample No.: 9209  
Sample Type: Solid  
Date Sampled: 10/15/2003  
Date Received: 10/16/2003

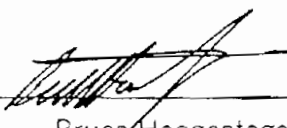
### Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 3.06           |
| Barium    | 10/22/2003    | SW846 6010        | 119            |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.47           |
| Chromium  | 10/22/2003    | SW846 6010        | 24.3           |
| Lead      | 10/22/2003    | SW846 6010        | 60.9           |
| Mercury   | 10/21/2003    | SW846 7471        | 0.078          |
| Selenium  | 10/22/2003    | SW846 6010        | 3.55           |
| Silver    | 10/22/2003    | SW846 6010        | <1.22          |

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

|                  |                   |                  |            |
|------------------|-------------------|------------------|------------|
| Client:          | EnSol             | Lab Project No.: | 03-2852    |
| Client Job Site: | 303 Woodward Ave. | Lab Sample No.:  | 9377       |
| Client Job No.:  | Town of Tonawanda | Sample Type:     | Solid      |
| Field Location:  | N/A               | Date Sampled:    | 10/17/2003 |
| Field ID No.:    | B-13(0-1')        | Date Received:   | 10/20/2003 |
|                  | N/A               |                  |            |

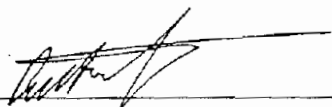
## Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/24/2003    | SW846 6010        | 5.51           |
| Barium    | 10/24/2003    | SW846 6010        | 140            |
| Cadmium   | 10/24/2003    | SW846 6010        | 1.41           |
| Chromium  | 10/24/2003    | SW846 6010        | 29.9           |
| Lead      | 10/24/2003    | SW846 6010        | 62.4           |
| Mercury   | 10/24/2003    | SW846 7471        | <0.0172        |
| Selenium  | 10/24/2003    | SW846 6010        | 0.703          |
| Silver    | 10/24/2003    | SW846 6010        | <1.00          |

ELAP ID No. 10958

Comments:

Approved By:



Bruce Hoogesteger, Technical Director



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Ensol  
Client Job Site: 303 Woodward  
Client Job No.: 03-0037  
Field Location: F-1  
Field ID No.: N/A

Lab Project No.: 03-3173  
Lab Sample No.: 10403  
Sample Type: TCLP Extract  
Date Sampled: 11/20/2003  
Date Received: 11/20/2003

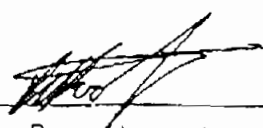
## Laboratory Report for TCLP Metals Analysis

| Parameter         | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-------------------|---------------|-------------------|---------------|-------------------------|
| TCLP Metal Series |               |                   |               |                         |
| Arsenic           | 11/21/2003    | EPA 6010          | 0.165         | 5.0                     |
| Barium            | 11/21/2003    | EPA 6010          | 0.390         | 100.0                   |
| Cadmium           | 11/21/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium          | 11/21/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead              | 11/21/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury           | 11/21/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium          | 11/21/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver            | 11/21/2003    | EPA 6010          | <0.050        | 5.0                     |
|                   |               |                   |               |                         |
|                   |               |                   |               |                         |

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID: 033173.xls



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Ensoi  
Client Job Site: 303 Woodward  
Client Job No.: 03-0037  
Field Location: F-2  
Field ID No.: N/A

Lab Project No.: 03-3173  
Lab Sample No.: 10404  
Sample Type: TCLP Extract  
Date Sampled: 11/20/2003  
Date Received: 11/20/2003

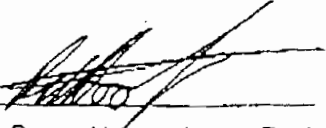
## Laboratory Report for TCLP Metals Analysis

| Parameter         | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-------------------|---------------|-------------------|---------------|-------------------------|
| TCLP Metal Series |               |                   |               |                         |
| Arsenic           | 11/21/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium            | 11/21/2003    | EPA 6010          | 0.380         | 100.0                   |
| Cadmium           | 11/21/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium          | 11/21/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead              | 11/21/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury           | 11/21/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium          | 11/21/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver            | 11/21/2003    | EPA 6010          | <0.050        | 5.0                     |
|                   |               |                   |               |                         |
|                   |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 033173.xls



LABORATORY REPORT OF ANALYSIS

Client: Ensol, Inc.

Lab Project No.: 03-2819

Client Job Site: 303 Woodward

Sample Type: Soil  
Analytical Method: SW 7196A

Client Job No.: N/A

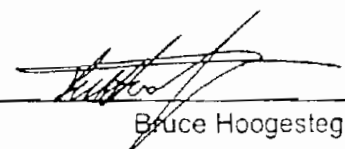
Date Sampled: 10/15/2003  
Date Received: 10/16/2003  
Date Analyzed: 10/24/2003

| Lab Sample ID. | Field Location/<br>Sample ID. | Chromium, Hexavalent<br>Soluble (mg/kg) |
|----------------|-------------------------------|-----------------------------------------|
| 9203           | B-1 (2-3)                     | ND<0.4                                  |
| 9204           | B-2 (1-2')                    | ND<0.4                                  |
| 9205           | B-3 (2-3')                    | ND<0.4                                  |
| 9206           | B-5 (2-3')                    | ND<0.4                                  |
| 9207           | B-6 (2-3')                    | ND<0.4                                  |
| 9208           | B-7 (0-1')                    | ND<0.4                                  |
| 9209           | B-8 (1-2')                    | ND<0.4                                  |

ELAP ID No. 10709

Comments: ND denotes Non Detected.

Approved By Technical Director: \_\_\_\_\_

  
Bruce Hoogesteger

### LABORATORY REPORT OF ANALYSIS

Client: Ensol, Inc. Lab Project No.: 03-2852

Client Job Site: 303 Woodward Avenue, Tonawanda, NY Sample Type: Soil

Client Job No.: N/A Analytical Method: SW 7196A

Date Sampled: 10/17/2003

Date Received: 10/20/2003

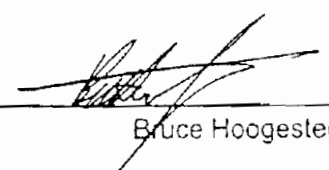
Date Analyzed: 10/24/2003

| Lab Sample ID. | Field Location/<br>Sample ID. | Chromium, Hexavalent<br>Soluble (mg/kg) |
|----------------|-------------------------------|-----------------------------------------|
| 9377           | B-13 (0-1')                   | ND<0.4                                  |
|                |                               |                                         |
|                |                               |                                         |
|                |                               |                                         |
|                |                               |                                         |
|                |                               |                                         |
|                |                               |                                         |

ELAP ID No. 10709

Comments: ND denotes Non Detected.

Approved By Technical Director: \_\_\_\_\_

  
Bruce Hoogesteger

## PCB Analysis Report for Wipes

Client: EnSol

|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2821    |
|                    |              | Lab Sample Number:  | 9218       |
| Client Job Number: | N/A          | Date Sampled:       | 08/15/2003 |
| Field Location:    | W-1          | Date Received:      | 10/16/2003 |
| Field ID Number:   | N/A          | Date Analyzed:      | 10/23/2003 |
| Sample Type:       | Wipe         |                     |            |

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
 ug / Wipe = microgram per Wipe  
 Sample exhibited low surrogate recovery. Probably matrix interference.

Signature

  
 Bruce Hoogesteger, Technical Director

PCB Analysis Report for WipesClient: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9219

Client Job Number: N/A

Field Location: W-2

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND < 1.00            |
| Aroclor 1221       | ND < 1.00            |
| Aroclor 1232       | ND < 1.00            |
| Aroclor 1242       | ND < 1.00            |
| Aroclor 1248       | ND < 1.00            |
| Aroclor 1254       | ND < 1.00            |
| Aroclor 1260       | ND < 1.00            |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe

Signature:

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9220

Client Job Number: N/A

Field Location: W-3

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe  
Sample exhibited low surrogate recovery. Probably matrix interference

Signature:

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9221

Client Job Number: N/A

Field Location: W-4

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

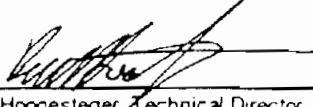
| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe  
Sample exhibited low surrogate recovery. Probably matrix interference

Signature:

  
Bruce Hoogesteger, Technical Director

# PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9222

Client Job Number: N/A

Field Location: W-5

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe  
Sample exhibited low surrogate recovery. Probably matrix interference

Signature.

  
Bruce Hoogesleger, Technical Director

### PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9223

Client Job Number: N/A

Field Location: W-6

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

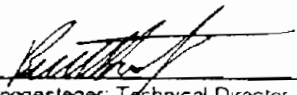
| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | 5.56                 |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe  
Sample exhibited low surrogate recovery. Probably matrix interference

Signature:

  
Bruce Hoogesteger, Technical Director



PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9224

Client Job Number: N/A

Field Location: W-7

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

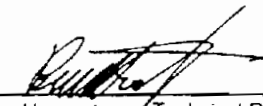
| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method: EPA 8082A

Comments ND denotes Non Detect  
ug / Wipe = microgram per Wipe  
Sample exhibited low surrogate recovery. Probably matrix interference

Signature.

  
Bruce Hoogesteger, Technical Director

# PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9225

Client Job Number: N/A

Field Location: W-8

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method EPA 8082A

Comments. ND denotes Non Detect  
 ug / Wipe = microgram per Wipe  
 Sample exhibited low surrogate recovery Probably matrix interference

Signature:

  
 Bruce Hoogesteger, Technical Director

### PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9226

Client Job Number: N/A

Field Location: W-9

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

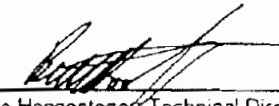
| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND < 1.00            |
| Aroclor 1221       | ND < 1.00            |
| Aroclor 1232       | ND < 1.00            |
| Aroclor 1242       | ND < 1.00            |
| Aroclor 1248       | ND < 1.00            |
| Aroclor 1254       | ND < 1.00            |
| Aroclor 1260       | ND < 1.00            |

ELAP Number 10958

Method: EPA 8082A

Comments ND denotes Non Detect  
ug / Wipe = microgram per Wipe  
Sample exhibited low surrogate recovery Probably matrix interference

Signature:

  
Bruce Hoogesteges, Technical Director

PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9365

Client Job Number: N/A

Field Location: T-1

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/27/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 50.8           |
| Aroclor 1221       | ND< 50.8           |
| Aroclor 1232       | ND< 50.8           |
| Aroclor 1242       | ND< 50.8           |
| Aroclor 1248       | ND< 50.8           |
| Aroclor 1254       | ND< 50.8           |
| Aroclor 1260       | 327                |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Lab Sample Number: 10278

Client Job Number: 03-0037

Field Location: T-2

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Oil

Date Analyzed: 11/20/2003

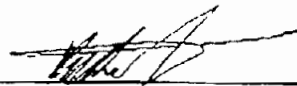
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.971          |
| Aroclor 1221       | ND< 0.971          |
| Aroclor 1232       | ND< 0.971          |
| Aroclor 1242       | ND< 0.971          |
| Aroclor 1248       | ND< 0.971          |
| Aroclor 1254       | ND< 0.971          |
| Aroclor 1260       | ND< 0.971          |

ELAP Number 10858

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9366

Client Job Number: N/A

Field Location: T-3

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/23/2003

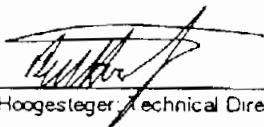
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.982          |
| Aroclor 1221       | ND< 0.982          |
| Aroclor 1232       | ND< 0.982          |
| Aroclor 1242       | ND< 0.982          |
| Aroclor 1248       | ND< 0.982          |
| Aroclor 1254       | ND< 0.982          |
| Aroclor 1260       | ND< 0.982          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature.

  
Bruce Hoogesteger, Technical Director

### PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852  
Lab Sample Number: 9367

Client Job Number: N/A

Field Location: T-6

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/23/2003

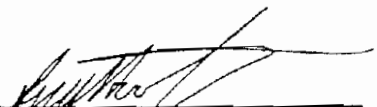
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.982          |
| Aroclor 1221       | ND< 0.982          |
| Aroclor 1232       | ND< 0.982          |
| Aroclor 1242       | ND< 0.982          |
| Aroclor 1248       | ND< 0.982          |
| Aroclor 1254       | ND< 0.982          |
| Aroclor 1260       | 2.93               |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger: Technical Director

PCB Analysis Report for OilsClient: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Lab Sample Number: 10277

Client Job Number: 03-0037

Field Location: T-7

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Oil

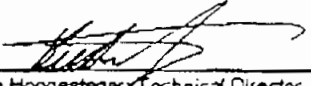
Date Analyzed: 11/20/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 1.00           |
| Aroclor 1221       | ND< 1.00           |
| Aroclor 1232       | ND< 1.00           |
| Aroclor 1242       | ND< 1.00           |
| Aroclor 1248       | ND< 1.00           |
| Aroclor 1254       | ND< 1.00           |
| Aroclor 1260       | ND< 1.00           |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature: 

Bruce Hoogesteger, Technical Director



PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Client Job Number: 03-0037

Lab Sample Number: 10278

Field Location: T-8

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Oil

Date Analyzed: 11/20/2003

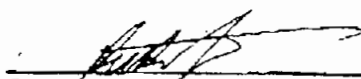
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.960          |
| Aroclor 1221       | ND< 0.960          |
| Aroclor 1232       | ND< 0.960          |
| Aroclor 1242       | ND< 0.960          |
| Aroclor 1248       | ND< 0.960          |
| Aroclor 1254       | ND< 0.960          |
| Aroclor 1260       | ND< 0.960          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Lab Sample Number: 10279

Client Job Number: 03-0037

Field Location: T-9

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Oil

Date Analyzed: 11/20/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.967          |
| Aroclor 1221       | ND< 0.967          |
| Aroclor 1232       | ND< 0.967          |
| Aroclor 1242       | ND< 0.967          |
| Aroclor 1248       | ND< 0.967          |
| Aroclor 1254       | ND< 0.967          |
| Aroclor 1280       | ND< 0.967          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature: \_\_\_\_\_

Bruce Hoogesteger, Technical Director

## PCB Analysis Report for Oils

Client: EnSol

|                    |                                       |                             |
|--------------------|---------------------------------------|-----------------------------|
| Client Job Site:   | 303 Woodward Ave<br>Town of Tonawanda | Lab Project Number: 03-2852 |
| Client Job Number: | N/A                                   | Lab Sample Number: 9368     |
| Field Location:    | T-10                                  | Date Sampled: 10/17/2003    |
| Field ID Number:   | N/A                                   | Date Received: 10/20/2003   |
| Sample Type:       | Oil                                   | Date Analyzed: 10/23/2003   |

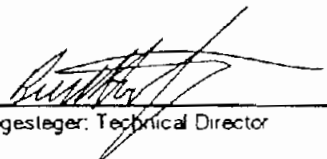
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.975          |
| Aroclor 1221       | ND< 0.975          |
| Aroclor 1232       | ND< 0.975          |
| Aroclor 1242       | ND< 0.975          |
| Aroclor 1248       | ND< 0.975          |
| Aroclor 1254       | ND< 0.975          |
| Aroclor 1260       | ND< 0.975          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Lab Sample Number: 10280

Client Job Number: 03-0037

Field Location: W-T-12

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Wipe

Date Analyzed: 11/24/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1018       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe

Signature: 

Bruce Hoogesteger, Technical Director

PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Lab Sample Number: 10281

Client Job Number: 03-0037

Field Location: W-T-13

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Wipe

Date Analyzed: 11/24/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe

Signature: \_\_\_\_\_

Bruce Hoogesteger, Technical Director

### PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852  
Lab Sample Number: 9369

Client Job Number: N/A

Field Location: T-14

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/23/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 1.00           |
| Aroclor 1221       | ND< 1.00           |
| Aroclor 1232       | ND< 1.00           |
| Aroclor 1242       | ND< 1.00           |
| Aroclor 1248       | ND< 1.00           |
| Aroclor 1254       | ND< 1.00           |
| Aroclor 1260       | ND< 1.00           |

ELAP Number 10958

Method: EPA 8082A

Comments ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852  
Lab Sample Number: 9370

Client Job Number: N/A  
Field Location: T-15  
Field ID Number: N/A  
Sample Type: Oil

Date Sampled: 10/17/2003  
Date Received: 10/20/2003  
Date Analyzed: 10/23/2003

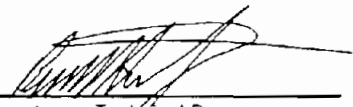
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.977          |
| Aroclor 1221       | ND< 0.977          |
| Aroclor 1232       | ND< 0.977          |
| Aroclor 1242       | ND< 0.977          |
| Aroclor 1248       | ND< 0.977          |
| Aroclor 1254       | ND< 0.977          |
| Aroclor 1260       | ND< 0.977          |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852  
Lab Sample Number: 9371

Client Job Number: N/A  
Field Location: T-16  
Field ID Number: N/A  
Sample Type: Oil

Date Sampled: 10/17/2003  
Date Received: 10/20/2003  
Date Analyzed: 10/23/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 1.01           |
| Aroclor 1221       | ND< 1.01           |
| Aroclor 1232       | ND< 1.01           |
| Aroclor 1242       | ND< 1.01           |
| Aroclor 1248       | ND< 1.01           |
| Aroclor 1254       | ND< 1.01           |
| Aroclor 1260       | ND< 1.01           |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Hoogesteger: Technical Director



# PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852  
Lab Sample Number: 9372

Client Job Number: N/A

Field Location: T-17

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/23/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.963          |
| Aroclor 1221       | ND< 0.963          |
| Aroclor 1232       | ND< 0.963          |
| Aroclor 1242       | ND< 0.963          |
| Aroclor 1248       | ND< 0.963          |
| Aroclor 1254       | ND< 0.963          |
| Aroclor 1260       | ND< 0.963          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852  
Lab Sample Number: 9373

Client Job Number: N/A

Field Location: T-18

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/23/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND < 0.994         |
| Aroclor 1221       | ND < 0.994         |
| Aroclor 1232       | ND < 0.994         |
| Aroclor 1242       | ND < 0.994         |
| Aroclor 1248       | ND < 0.994         |
| Aroclor 1254       | ND < 0.994         |
| Aroclor 1260       | ND < 0.994         |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger: Technical Director

PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9374

Client Job Number: N/A

Field Location: T-19

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/23/2003

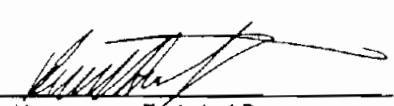
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.947          |
| Aroclor 1221       | ND< 0.947          |
| Aroclor 1232       | ND< 0.947          |
| Aroclor 1242       | ND< 0.947          |
| Aroclor 1248       | ND< 0.947          |
| Aroclor 1254       | ND< 0.947          |
| Aroclor 1260       | ND< 0.947          |

ELAP Number 10958

Method EPA 8082A

Comments ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9375

Client Job Number: N/A

Field Location: T-20

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/27/2003

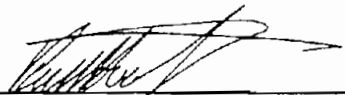
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND < 9.67          |
| Aroclor 1221       | ND < 9.67          |
| Aroclor 1232       | ND < 9.67          |
| Aroclor 1242       | ND < 9.67          |
| Aroclor 1248       | ND < 9.67          |
| Aroclor 1254       | ND < 9.67          |
| Aroclor 1260       | ND < 9.67          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram  
Detection Limit elevated due to non-target compounds

Signature.

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9376

Client Job Number: N/A

Field Location: T-21

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/23/2003

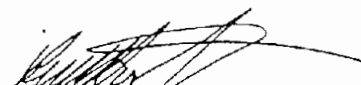
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 1.02           |
| Aroclor 1221       | ND< 1.02           |
| Aroclor 1232       | ND< 1.02           |
| Aroclor 1242       | ND< 1.02           |
| Aroclor 1248       | ND< 1.02           |
| Aroclor 1254       | ND< 1.02           |
| Aroclor 1260       | ND< 1.02           |

ELAP Number 10958

Method: EPA 8082A

Comments ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for Oils

Client: Environmental Services Group

Client Job Site: 303 Woodward Ave

Lab Project Number: 03-2946

Lab Sample Number: 9734

Client Job Number: 03-0037

Field Location: T-22

Date Sampled: 10/29/2003

Field ID Number: N/A

Date Received: 10/30/2003

Sample Type: Oil

Date Analyzed: 11/04/2003

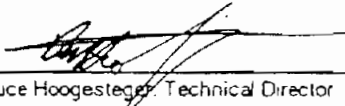
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 1.01           |
| Aroclor 1221       | ND< 1.01           |
| Aroclor 1232       | ND< 1.01           |
| Aroclor 1242       | ND< 1.01           |
| Aroclor 1248       | ND< 1.01           |
| Aroclor 1254       | ND< 1.01           |
| Aroclor 1260       | ND< 1.01           |

ELAP Number 10958

Method EPA 8082A

Comments ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger Technical Director

PCB Analysis Report for Oils

Client: Environmental Services Group

Client Job Site: 303 Woodward Ave

Lab Project Number: 03-2946

Client Job Number: 03-0037

Lab Sample Number: 9735

Field Location: T-23

Date Sampled: 10/29/2003

Field ID Number: N/A

Date Received: 10/30/2003

Sample Type: Oil

Date Analyzed: 11/04/2003

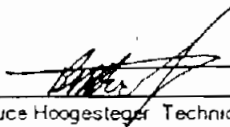
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.931          |
| Aroclor 1221       | ND< 0.931          |
| Aroclor 1232       | ND< 0.931          |
| Aroclor 1242       | ND< 0.931          |
| Aroclor 1248       | ND< 0.931          |
| Aroclor 1254       | ND< 0.931          |
| Aroclor 1260       | ND< 0.931          |

ELAP Number: 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger Technical Director

NOV 17 2003

NOV

**PARADIGM**

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Environmental Services Group

Lab Project No.: 03-2946

Client Job Site: 303 Woodward Ave

Lab Sample No.: 9728

Client Job No.: 03 0037

Sample Type: TCLP Extract

Field Location: D-1

Date Sampled: 10/29/2003

Field ID No.: N/A

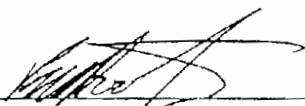
Date Received: 10/30/2003

## Laboratory Report for TCLP Metals Analysis

| Parameter         | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-------------------|---------------|-------------------|---------------|-------------------------|
| TCLP Metal Series |               |                   |               |                         |
| Arsenic           | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium            | 11/03/2003    | EPA 6010          | 0.155         | 100.0                   |
| Cadmium           | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium          | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead              | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury           | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium          | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver            | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                   |               |                   |               |                         |
|                   |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director





# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Environmental Services Group

Lab Project No.: 03-2946

Client Job Site: 303 Woodward Ave.

Lab Sample No.: 9729

Client Job No.: 03 0037

Sample Type: TCLP Extract

Field Location: D 2

Date Sampled: 10/29/2003

Field ID No.: N/A

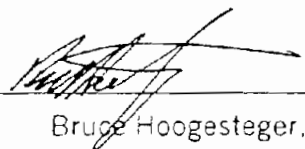
Date Received: 10/30/2003

## Laboratory Report for TCLP Metals Analysis

| Parameter         | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-------------------|---------------|-------------------|---------------|-------------------------|
| TCLP Metal Series |               |                   |               |                         |
| Arsenic           | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium            | 11/03/2003    | EPA 6010          | 0.315         | 100.0                   |
| Cadmium           | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium          | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead              | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury           | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium          | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver            | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                   |               |                   |               |                         |
|                   |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

Client: Environmental Services Group

Lab Project No.: 03-2946

Client Job Site: 303 Woodward Ave.

Lab Sample No.: 9730

Client Job No.: 03-0037

Sample Type: TCLP Extract

Field Location: D-3

Date Sampled: 10/29/2003

Field ID No.: N/A

Date Received: 10/30/2003

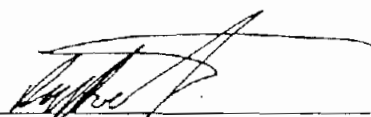
## Laboratory Report for TCLP Metals Analysis

| Parameter        | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|------------------|---------------|-------------------|---------------|-------------------------|
| CLP Metal Series |               |                   |               |                         |
| Arsenic          | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium           | 11/03/2003    | EPA 6010          | 0.365         | 100.0                   |
| Cadmium          | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium         | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead             | 11/03/2003    | EPA 6010          | 0.710         | 5.0                     |
| Mercury          | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium         | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver           | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                  |               |                   |               |                         |
|                  |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By:



Bruce Hoogesteger, Technical Director



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Environmental Services Group

Lab Project No.: 03-2946

Lab Sample No.: 9731

Client Job Site: 303 Woodward Ave.

Sample Type: TCLP Extract

Client Job No.: 03-0037

Date Sampled: 10/29/2003

Date Received: 10/30/2003

Field Location: D-4

Field ID No.: N/A

## Laboratory Report for TCLP Metals Analysis

| Parameter         | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-------------------|---------------|-------------------|---------------|-------------------------|
| TCLP Metal Series |               |                   |               |                         |
| Arsenic           | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium            | 11/03/2003    | EPA 6010          | 0.190         | 100.0                   |
| Cadmium           | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium          | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead              | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury           | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium          | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver            | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                   |               |                   |               |                         |
|                   |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By: \_\_\_\_\_

Bruce Hoogesteger, Technical Director

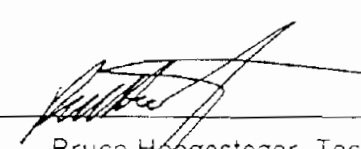
Client: Environmental Services Group Lab Project No.: 03-2946  
 Client Job Site: 303 Woodward Ave. Lab Sample No.: 9732  
 Client Job No.: 03-0037 Sample Type: TCLP Extract  
 Field Location: D-5 Date Sampled: 10/29/2003  
 Field ID No.: N/A Date Received: 10/30/2003

## Laboratory Report for TCLP Metals Analysis

| Parameter       | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-----------------|---------------|-------------------|---------------|-------------------------|
| LP Metal Series |               |                   |               |                         |
| Arsenic         | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium          | 11/03/2003    | EPA 6010          | 0.135         | 100.0                   |
| Cadmium         | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium        | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead            | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury         | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium        | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver          | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                 |               |                   |               |                         |
|                 |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By:   
 Bruce Hoogesteger, Technical Director



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Environmental Services Group

Lab Project No.: 03-2946

Client Job Site: 303 Woodward Ave.

Lab Sample No.: 9733

Client Job No.: 03-0037

Sample Type: TCLP Extract

Field Location: D-6

Date Sampled: 10/29/2003

Field ID No.: N/A

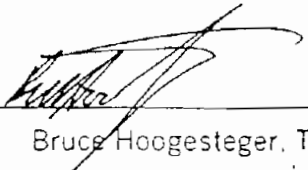
Date Received: 10/30/2003

## Laboratory Report for TCLP Metals Analysis

| Parameter        | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit - (mg/L) |
|------------------|---------------|-------------------|---------------|---------------------------|
| CLP Metal Series |               |                   |               |                           |
| Arsenic          | 11/03/2003    | EPA 6010          | <0.100        | 5.0                       |
| Barium           | 11/03/2003    | EPA 6010          | 0.195         | 100.0                     |
| Cadmium          | 11/03/2003    | EPA 6010          | <0.025        | 1.0                       |
| Chromium         | 11/03/2003    | EPA 6010          | <0.050        | 5.0                       |
| Lead             | 11/03/2003    | EPA 6010          | 0.950         | 5.0                       |
| Mercury          | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                       |
| Selenium         | 11/03/2003    | EPA 6010          | <0.100        | 1.0                       |
| Silver           | 11/03/2003    | EPA 6010          | <0.050        | 5.0                       |
|                  |               |                   |               |                           |
|                  |               |                   |               |                           |

ELAP ID No.: 10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

## **Appendix C**

### Site Characterization Plan

**Site Characterization Plan  
303 Woodward Avenue  
Town of Tonawanda**

**Prepared For**

**Town of Tonawanda**  
2919 Delaware Avenue  
Kenmore, New York 14217

**Prepared By**

**EnSol, Inc.**  
452 Third Street  
Niagara Falls, NY 14301  
*Ph (716) 285-3920 • Fx (716) 285-3928*

EnSol Project #: 04-0008  
March 2004

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*303 Woodward Ave.*  
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**1.3    *Proposed Future Use of the Property***

**2.0    *Previous Investigations***

**2.1    *Soil Borings and Sampling***

**2.2    *PCB Wipe Samples***

**2.3    *Transformer Sampling for PCBs***

**2.4    *Disposal Approval Sampling***

**2.5    *Photograph Log and Video Journal***

**3.0    *Initial Pre-Demolition Remedial Activities***

**4.0    *Confirmation and Site Characterization Sampling and Analysis***

**4.1    *Sampling and Analysis Program***

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**Attachments**

**Sheet 1 –    Sample Location Plan**

**Attachment 1 –    Pre-Demolition Site Investigation Report for 303 Woodward Ave., dated December 9, 2003 prepared by EnSol, Inc.**

**Attachment 2 –    Clean Harbors Disposal Receipts**

**Attachment 3 –    Excavation of UTSs and Contaminated Soil report for 303 Woodward Ave., dated February 3, 2004 prepared by EnSol, Inc.**



## **1.0 Introduction**

The following work plan has been prepared for the site investigation following the remediation and restoration of 2.19 acres of land located at 303 Woodward Avenue in the Town of Tonawanda, Erie County, New York. The Town of Tonawanda is performing the work under the New York State Voluntary Clean-up Program.

The objectives of the proposed investigation include the confirmation that contaminated soil has been removed to the degree acceptable to the New York State Department of Environmental Conservation for the proposed end use and to document the environmental conditions at the site prior to putting the property back in service.

### **1.1 Background**

The Excelsior Steel Ball Company site is located at 303 Woodward Avenue, Tonawanda, west of Military Road in the Town of Tonawanda. The site is a former steel ball bearing manufacturing facility that dates back to 1887. Activities at the site, typical of metal working facilities, ceased in the 1990's.

The abandoned parcel is 2.19 acres in size (SBL 65.12-1-1) and is characteristic of brownfield sites in that the structures and equipment associated with the past manufacture of steel ball bearings remained on site. The property is surrounded on three sides by Praxair, a major employer within the Town, and represents the only urban blight parcel in what is otherwise a significant and stable industrial/commercial corridor within the Town of Tonawanda.

The original site layout included three structures. The main structure was the manufacturing facility, which housed metalworking equipment, a machine shop area, heat-treating equipment, inventory storage, shipping and office areas. The area of the main structure was approximately 25,000 square feet. There were two auxiliary structures on site located to the north and east of the main structure. They appear to have been used for facility maintenance and storage. The auxiliary buildings were approximately 6,400 and 1,400 square feet in area.

The purpose of the project is to implement a site clean up, including building demolition, environmental investigation, remediation and restoration to accommodate commercial/industrial reuse of the property. A pre-demolition environmental investigation was performed to identify environmental concerns that would require immediate implementation. The outcome of this investigation is presented in **Section 2**.

Building demolition completed in March 2004, is to be followed by a site sub-surface investigation. The site sub-surface investigation, which is the main purpose of this work plan, includes the identification and sampling of suspect remaining soil and groundwater in the site area. The previous investigation characterized the underlying soil conditions,

asbestos conditions, an underground storage tank (UST) area and localized PCB sources. Subsequent to the pre-demolition investigation, all hazardous materials and underground tanks were removed from the site, including miscellaneous drums, transformer carcasses and PCB electrical equipment. The asbestos containing material and contaminated soil has been removed as part of the demolition contract. The pre-demolition investigation sample results were used to determine the depth of soil to be removed in order to meet the site clean up objectives. Contaminated soil in the UST area was excavated and removed from the site until no additional contamination was indicated.

## ***1.2 Environmental History of the Property***

The site has been inactive for several years. There are no known air emission, water discharge or underground storage tank permits issued for the site according to New York State DEC records. The site is not a listed hazardous waste site or on any EPA NPL listing. The site is located adjacent to the Praxair (Linde) facility in the Town of Tonawanda and, as such, has been investigated by the US Department of Energy for possible radioactive surface contamination originating from the Manhattan Engineering District (MED) activities as part of the Formerly Utilized Sites Remedial Action Program (FUSRAP). A report issued by Oak Ridge National Laboratory in 1997 states that "all radionuclide concentrations and radioactivity levels found on the property are below current guidelines". There have been no other previous environmental investigations or remedial efforts initiated at the site.

## ***1.3 Proposed Future Use of the Property***

As stated previously, the site is located in an industrial/commercial corridor within the Town of Tonawanda with a number of established firms located adjacent and near the property. The future use of the site could only be projected to be commercial/industrial in nature.

Current adjacent property owners include Praxair, which surrounds the Excelsior Steel Ball Company site on three sides: north, west and south. East of the site is a Niagara Mohawk R.O.W. paralleling an active rail right-of-way. The nearest residential area is to the east of Military Road, approximately one-quarter mile from the site.

The adjacent property owner has stated interest in the parcel once the clean up is complete. The most likely use of the site would be for commercial/industrial storage, however, future building construction would also be a possibility.

## ***2.0 Previous Investigations***

A Pre-Demolition Site Investigation was performed in accordance with the Pre-Demolition Site Investigation Work Plan prepared by EnSol, Inc. The Investigation was performed in preparation for demolition and disposal of the buildings and their contents at the site. A copy of the Pre-Demolition Site Investigation is included as **Attachment 1**. The following areas/items were sampled:

Building floors / soil borings,  
Transformer oil samples,  
Floor, walls and equipment / wipe samples,  
Material characterization samples for disposal approval.

The goals of the Pre-Demolition Site Investigation were:

- 1) Determine whether the demolition of 303 Woodward Ave. will create hazardous waste based on soil and building materials
- 2) Quantify and analyze the transformers on site for proper removal and disposal
- 3) Test the soil below the floors within the buildings for proper disposal at the Tonawanda Landfill
- 4) Test the wood flooring and concrete wall blocks for proper disposal at the Tonawanda Landfill
- 5) Create a Photograph Log and Video Journal of the site's existing conditions.

All work was completed between October 14 and November 26, 2003.

## ***2.1 Soil Borings and Sampling***

A total of 12 soil borings were completed using a four-inch hand auger to a depth of approximately three feet below ground surface. The hand auger was decontaminated between borings using distilled water and a phosphate-free soap. Locations of soil borings were chosen by past area use and/or floor staining. All samples were screened with a photoionization detector (PID) every foot, unless a change in material was observed and then the materials were screened separately. Samples B-1 (2-3'), B-2 (1-2'), B-3 (2-3'), B-5 (2-3'), B-6 (2-3'), B-7 (0-1'), B-8 (1-2'), B-13 (0-1'), and B-T-2 (0-6") were sent for laboratory analysis based upon PID readings and/or soil staining. Analyses included Volatile Organic Compounds (VOCs – Method EPA 8021), Semi-Volatile Organic Compounds (SVOCs – Method EPA 8270), RCRA Metals (TCLP Metals Analysis), Chromium Hexavalent Soluble (Method SW 7196A) and PCB testing (Method EPA 8082A). All soil boring samples were analyzed for VOCs, SVOCs, RCRA Metals, and Chromium Hexavalent Soluble. Only three samples were analyzed for PCBs based on surface staining or past area usage.

Locations of all soil borings and samples, tabulated results and laboratory analytical data can be found in **Attachment 1**. Results that exceeded the TAGM 4046 Recommended Soil Cleanup Objectives are entered in red.

## ***2.2 PCB Wipe Samples***

A total of nine (9) PCB wipe samples were collected from within the site and analyzed using Method EPA 8082A. Sample locations were determined based on surface condition (staining) and/or area usage. The only wipe sample that contained PCBs was W-6, from the floor brick in the Ball Forging / Heat Treating Area near the belowground furnace. This sample contained 0.144 ug/cm<sup>2</sup> of PCBs, which is well below the TAGM 4046 regulatory limit of 1.0 ppm for surface contamination. None of the samples indicated the presence of PCBs above regulatory limits. See **Attachment 1** for sample locations and results.

## ***2.3 Transformer Sampling for PCBs***

A total of twenty-three (23) transformers (and switches) were observed on the site. Oil from twenty-two (22) of the transformers was sampled for PCB analysis. The remaining transformer, T-11, was not sampled because it contained a sealed chamber. Two transformers contained PCBs: T-1 and T-6. T-1 is located south of the Storage Building (Wood), and T-6 is located in the Transformer Room. Analytical results from T-1 indicated a concentration of PCBs above the TAGM 4046 regulatory limit of 10 ppm. Transformer T-1 will be disposed in accordance with state and federal regulations for hazardous waste disposal. See **Attachment 1** for sample locations and results.

## ***2.4 Disposal Approval Sampling***

A total of six (6) samples were collected for material disposal based upon the tonnage estimate of 4,500 tons. Materials collected included wood flooring, brick flooring and concrete wall blocks. All samples were analyzed for RCRA metals. The test results indicated that none of the material exceeded regulatory levels for RCRA metals. See **Attachment 1** for sample results.

## ***2.5 Photograph Log and Video Journal***

A Photograph Log and Video Journal of existing conditions at the site was provided to the Town of Tonawanda in DVD format.

### **3.0 Initial Pre-Demolition Remedial Activities**

Work at the site was performed prior to demolition to remove the following materials:

- Transformers,
- Hazardous waste,
- Non-hazardous waste liquids,
- Underground petroleum storage tanks, and
- UST contaminated soil

The hazardous waste and non-hazardous waste liquids was removed from the site by Clean Harbors. An inventory of the materials removed (disposal receipts) is included as **Attachment 2**.

The transformers were removed from the site by Environmental Service Group (NY), Inc. (ESG). Of the 22 transformers and electrical components, only one had PCB levels that required control management and disposal. This transformer was taken to a NYS licensed hazardous waste disposal facility.

The petroleum storage tanks were also removed by ESG. A total of four tanks were cleaned and removed from the site. During the tank removal process, contaminated soil was found in the underground tank storage area. An additional 570 tons of soil were removed from the tank storage area and confirmatory samples taken. The soil was approved for disposal at the Town landfill. A copy of the tank closure report, including confirmatory test results of the excavation is provided as **Attachment 3**.

#### ***4.0 Confirmation and Site Characterization Sampling and Analysis***

The building demolition and contaminated soil removal portion of the work will complete the project remediation. During this work the underlying soil will be monitored and sampled to ensure that the contaminated soil found during the pre-demolition site investigation is properly removed.

Additional sampling of soil and groundwater is also proposed to characterize the site conditions outside of areas impacted by manufacturing activities. This work includes taking five (5) soil samples and installation of three (3) groundwater monitoring wells. The location of the sampling is presented on **Sheet 1**, Sample Location Plan.

#### ***4.1 Sampling and Analysis Program***

The following summarizes the sampling and analysis proposed:

##### FIELD SCREENING:

- 1) Material excavated from the building areas shall be screened using a PID meter.
- 2) This material shall be excavated to a depth such that the readings are less than 50 ppm.
- 3) Field screening shall be performed on a 25-foot grid.

##### LIMIT OF EXCAVATION SAMPLES:

- 1) Limit of excavation samples shall be taken at an approximate 50 ft grid (see sample locations, **Sheet 1**).
- 2) Samples shall be taken in accordance with SW 846.
- 3) Samples shall be analyzed for the following:

Total metals (RCRA)  
Total volatile organics (8021)  
Total semi-volatile organics (8270)

### BORINGS:

- 1) Logs will be prepared for each boring.
- 2) PID readings will be obtained from the boring samples.
- 3) All borings that appear to be un-naturally occurring fill will be sampled and tested for total metals (RCRA).
- 4) All borings will be screened using the PID. Samples with readings over 25 ppm will be sent for the following analyses:

Total volatile organics (8021)

Total semi-volatile organics (8270)

- 5) Testpits in lieu of borings may be used subject to NYSDEC approval.

### MONITORING WELLS/BORINGS:

- 1) 1" wells will be installed using a Geoprobe.
- 2) Logs will be prepared for each well/boring.
- 3) PID measurements will be obtained from the boring samples.
- 4) All borings that appear to be un-naturally occurring fill will be sampled and tested for total metals (RCRA).
- 5) All borings will be screened using the PID. Samples with readings over 25 ppm will be sent for the following analyses:

Total volatile organics (8021)

Total semi-volatile organics (8270)

- 6) Groundwater elevations will be taken at each well and plotted. The down gradient well will be sampled for the following:

Total metals (RCRA)

Total volatile organics (8021)

Total semi-volatile organics (8270)

### **4.1 Reporting**

A final report will be prepared upon completion of the site demolition, sampling and analysis. The data will be tabulated and a figure provided illustrating the sample locations. Copies of the analytical data will be included with the report. Additional data obtained during the demolition project will be included.

LEGEND

- B-1 - LOCATION OF SOIL BORINGS AND SAMPLES (PREVIOUS INV.)
- W-1 - LOCATION OF WIPE SAMPLES (PREVIOUS INV.)
- T-1 - LOCATION OF SWITCH AND TRANSFORMER OIL SAMPLES (PREVIOUS INV.)
- F-1 - LOCATION OF FURNACE BRICK SAMPLES (PREVIOUS INV.)
- PROPOSED BORING (S)
- PROPOSED LIMIT OF EXCAVATION SAMPLE (11)
- PROPOSED MONITORING WELL / BORING (3)
- PROPERTY BOUNDARY
- 50 FT GRID

FIELD SAMPLING AND ANALYSIS SUMMARY

FIELD SCREENING:

- MATERIAL EXCAVATED FROM THE BUILDING AREAS SHALL BE SCREENED USING A PID METER.
- THIS MATERIAL SHALL BE EXCAVATED TO A DEPTH SUCH THAT THE READINGS ARE LESS THAN 50 PPM
- FIELD SCREENING SHALL BE PERFORMED ON A 25-FOOT GRID.

LIMIT OF EXCAVATION SAMPLES:

- LIMIT OF EXCAVATION SAMPLES SHALL BE TAKEN AT AN APPROXIMATE 50 FT GRID (SEE SAMPLE LOCATION).
- SAMPLES SHALL BE TAKEN IN ACCORDANCE WITH SW 846.
- SAMPLES SHALL BE ANALYZED FOR THE FOLLOWING:

TOTAL METALS (RCRA)  
TOTAL VOLATILE ORGANICS (8021)  
TOTAL SEMI-VOLATILE ORGANICS (8270)

BORINGS:

- A LOG WILL BE PREPARED FOR EACH BORING.
- SAMPLES FROM ALL BORINGS WILL BE TAKEN THAT APPEAR TO BE NON-NATIVE FILL AND TESTED FOR TOTAL METALS (RCRA).
- ALL BORINGS WILL BE SCREENED USING THE PID. SAMPLES WITH READINGS OVER 25 PPM WILL BE SENT FOR THE FOLLOWING ANALYSES:

TOTAL VOLATILE ORGANICS (8021)  
TOTAL SEMI-VOLATILE ORGANICS (8270)

MONITORING WELLS BORINGS:

- 1" WELLS WILL BE INSTALLED USING A GEO-PROBE.
- A LOG WILL BE PREPARED FOR EACH WELL BORING.
- SAMPLES FROM ALL BORING WILL BE TAKEN THAT APPEAR TO BE UN-NATURALLY OCCURRING FILL AND TESTED FOR TOTAL METALS (RCRA).
- ALL BORINGS WILL BE SCREENED USING THE PID. SAMPLES WITH READINGS OVER 25 PPM WILL BE SENT FOR THE FOLLOWING ANALYSES:

TOTAL VOLATILE ORGANICS (8021)  
TOTAL SEMI-VOLATILE ORGANICS (8270)

- GROUNDWATER ELEVATIONS WILL BE TAKEN AT EACH WELL AND PLOTTED. THE DOWN GRADIENT WELL WILL BE SAMPLED FOR THE FOLLOWING:

TOTAL METALS (RCRA)  
TOTAL VOLATILE ORGANICS (8021)  
TOTAL SEMI-VOLATILE ORGANICS (8270)

EnSol, Inc.

Environmental Solutions

452 THIRD STREET  
NIAGARA FALLS, NY 14301  
PHONE (716) 285-3920 FAX (716) 285-3928

IT IS A VIOLATION OF THE NEW YORK STATE EDUCATION LAW, ARTICLE 145 SECTION 7209, FOR ANY PERSON UNLESS HE IS ACTING UNDER THE DIRECTION OF A LICENSED PROFESSIONAL ENGINEER OR LAND SURVEYOR TO ALTER ANY ITEM IN ANY WAY.

TITLE:

SAMPLE LOCATION PLAN

PROJ. NO. 04-0007

SCALE NTS

DWG SITE PLANDWG

CHECKED BY

DATE 03/10/04

PROJECT: SITE INVESTIGATION / REMEDIATION - 303 WOODWARD AVE.

PREPARED FOR: TOWN OF TONAWANDA

COUNTY OF ERIE

STATE OF NEW YORK

SHEET 1



## **Attachment 1**

Pre-Demolition Site Investigation Report for 303 Woodward Ave., dated  
December 9, 2003 prepared by EnSol, Inc.

**EnSol, Inc.**  
Environmental Solutions

452 Third Street  
Niagara Falls, NY 14301

*Professional Engineering • Business Consulting*

*Ph (716) 285-3920 • Fx (716) 285-3928  
E-Mail jbataglia@ensolinc.com*

*Hand Delivered*

December 9, 2003

Mr. Robert Morris  
Town of Tonawanda  
2919 Delaware Avenue  
Kenmore, New York 14217

Re: Pre-Demolition Site Investigation  
303 Woodward Avenue  
Tonawanda, New York  
EnSol Project #: 03-0037

Dear Mr. Morris:

The following Pre-Demolition Site Investigation has been prepared in accordance with the Pre-Demolition Site Investigation Work Plan prepared by EnSol, Inc. This letter report presents data and information on the soils and construction demolition materials at the 303 Woodward Avenue property.

The following areas/items were sampled:

Building floors / soil borings,  
Transformer oil samples,  
Floor, walls and equipment / wipe samples,  
Material characterization samples for disposal approval

A Photograph Log and Video Journal of existing conditions at the site is provided on the attached compact disc and videotape.

**1.0 - Introduction**

The goals of the Pre-Demolition Site Investigation were

- 1) Determine whether the demolition of 303 Woodward Ave. will create hazardous waste based on soil and building materials
- 2) Quantify and analyze the transformers on site for proper removal and disposal
- 3) Test the soil below the floors within the buildings for proper disposal at the Tonawanda Landfill
- 4) Test the wood flooring and concrete wall blocks for proper disposal at the Tonawanda Landfill
- 5) Create a Photograph Log and Video Journal of the site's existing conditions

All work was completed between October 14 and November 26, 2003.

## 2.0 - Soil Borings and Sampling:

A total of 12 soil borings were completed using a four-inch hand auger to a depth of approximately three feet below ground surface. The hand auger was decontaminated between borings using distilled water and a phosphate-free soap. Locations of soil borings were chosen by past area use and/or floor staining. All samples were screened with a photoionization detector (PID) every foot, unless a change in material was observed and then the materials were screened separately. Samples B-1 (2-3'), B-2 (1-2'), B-3 (2-3'), B-5 (2-3'), B-6 (2-3'), B-7 (0-1'), B-8 (1-2'), B-13 (0-1'), and B-T-2 (0-6") were sent for laboratory analysis based upon PID readings and/or soil staining. Analyses included Volatile Organic Compounds (VOCs – Method EPA 8021), Semi-Volatile Organic Compounds (SVOCs – Method EPA 8270), RCRA Metals (TCLP Metals Analysis), Chromium Hexavalent Soluble (Method SW 7196A) and PCB testing (Method EPA 8082A). All soil boring samples were analyzed for VOCs, SVOCs, RCRA Metals, and Chromium Hexavalent Soluble. Only three samples were analyzed for PCBs based on surface staining or past area usage.

Brief descriptions of each of the soil borings are as follows:

### B-1:

B-1 is located in the Wood Storage Building on the northeast section of the site. The first 3" of the boring was wood flooring and a grout/concrete sub-base. The soils from 3" to 1.0' bgs (below ground surface) were black silty gravel. These soils also had a PID reading of 0.5 ppm (parts per million). From 1.0' to 2.0' bgs, the soils were a black silt and clay with some gravel (1.3 ppm). The soils from 2.0' to 3.0' were dark brown to brown clay with some silt (3.0 ppm). The soils from 2.0' to 3.0' were sent for laboratory analysis because they emitted the highest PID readings.

### B-2:

B-2 is located in the area north of the Ball Forging / Heat Treating Area, west of the ball press. From 0" to 4.0" was brick flooring. From 4.0" to 8.0" was a black bedding sand (8.0 ppm). From 8.0" to 1.0' was a grout/concrete layer. The soils from 1.0' to 2.0' were a black to dark brown silt and clay, with some gravel (35.8 ppm). The soils from 2.0' to 3.0' were a dark brown silt and clay, with some organics (18.5 ppm). The soil was very wet at 3.0'. The soils from 1.0' to 2.0' were sent for laboratory analysis because they emitted the highest PID readings.

### B-3:

B-3 is located in the northwest section of the Ball Forging / Heat Treating Area. From 0" to 4.0" was brick flooring. The soil from 4.0" to 8.0" was reddish brown bedding sand (1.5 ppm). From 8.0" to 1.0' was a brown gravel and silt (1.5 ppm). The soils from 1.0' to 2.0' were black gravel with some brown clay (3.0 ppm). The soils from 2.0' to 3.0' were a brown to dark brown clay with some gravel (5.5 ppm). The soils from 2.0' to 3.0' were sent for laboratory analysis because they emitted the highest PID readings.

Mr. Robert Morris  
Re: Pre-Demolition Site Investigation 303 Woodward  
December 9, 2003

**B-4:**

B-4 is located in the Transformer Room. This location was not sampled because of a thick concrete pad that prevented soil collection.

**B-5:**

B-5 is located near the quench pit in the Ball Forging / Heat Treating Area. From 0" to 4.0" was brick flooring. From 4.0" to 8.0' was a brown to light brown bedding sand (3.0 ppm). From 8.0" to 1.0' was a brown gravel (3.0 ppm). The soils from 1.0' to 2.0' were a brown to black sand and gravel, wet (4.0 ppm). The soils from 2.0' to 3.0' were brown clay with some gravel (21.0 ppm). The soils from 2.0' to 3.0' were sent for laboratory analysis because they emitted the highest PID readings.

**B-6:**

B-6 is located in the Machine Shop Area. From 0" to 2.0" was wood flooring. The soil from 2.0" to 1.0" was a grey sand and gravel, some concrete (1.5 ppm). The soils from 1.0' to 2.0' were a brown to black clay, some gravel (3.4 ppm). The soils from 2.0' to 3.0' were a brown to black clay with trace gravel (20.0 ppm). The soils from 2.0' to 3.0' were sent for laboratory analysis because they emitted the highest PID readings.

**B-7:**

B-7 is located in the Ball Deflashing / Grinding Area. This entire area was on an elevated wood floor, approximately 1.5' above the underlying soils. The soil from 0.0' to 1.0' was a black sand and gravel, some silt (270 ppm). The soils from 1.0' to 2.0' were black sand and gravel with some clay (15 ppm). The soils from 2.0' to 3.0' were brown clay with some gravel (5.4 ppm). The soils from 0.0' to 1.0' were sent for laboratory analysis because they emitted the highest PID readings.

**B-8:**

B-8 is located in the Ball Deflashing / Grinding Area. This entire area was on an elevated wood floor, approximately 1.5' above the underlying soils. The soil from 0.0' to 1.0' was brown clay with some sand (8.0 ppm). The soil from 1.0' to 2.0' was brown clay with some sand (18 ppm). The soil from 2.0' to 3.0' was a brown clay with some sand, and very wet (8.7 ppm). The soils from 1.0' to 2.0' were sent for laboratory analysis because they emitted the highest PID readings.

**B-9:**

B-9 is located near the staged transformers in the Ball Forging / Heat Treating Area. From 0" to 4.0" was brick flooring. From 4.0" to 1.0' was black bedding sand, moist (14.0 ppm). The soils from 1.0' to 2.0' were a black sand and gravel, moist (17.0 ppm). The soils from 2.0' to 3.0' were brown clay with some gravel, very wet (5.0 ppm). No samples were submitted to the laboratory from this soil boring.

Mr. Robert Morris  
Re: Pre-Demolition Site Investigation 303 Woodward  
December 9, 2003

**B-10:**

B-10 is located in the area north of the Ball Forging / Heat Treating Area, west of the above ground furnace. From 0" to 4.0" was brick flooring. From 4.0" to 10.0" was a grout/concrete layer. The soils from 10.0" to 1.5' were grey gravel (26.1 ppm). The soils from 1.5' to 2.0' were a brown silty sand and gravel (19.0 ppm). The soils from 2.0' to 3.0' were brown to dark brown clay with some gravel, wet (5.6 ppm). No samples were submitted to the laboratory from this soil boring.

**B-11:**

B-11 is located in the Ball Deflashing / Grinding Area. This entire area was on an elevated wood floor, approximately 1.5' above the underlying soils. The soil from 0.0' to 1.0' was dark brown silty sand and gravel (26.1 ppm). The soils from 1.0' to 2.0' were brown clay and gravel, wet (26.9 ppm). The soil from 2.0' to 3.0' was black sand and gravel (12.9 ppm). No samples were submitted to the laboratory from this soil boring.

**B-12:**

B-12 is located in the area north of the Ball Forging / Heat Treating Area, east of the above ground furnace. From 4.0" to 1.0' was a grout/concrete layer. The soils from 1.0' to 2.0' were a brown to dark brown clay and gravel, moist (10.1 ppm). The soils from 2.0' to 3.0' were brown clay, very wet (5.6 ppm). No samples were submitted to the laboratory from this soil boring.

**B-13:**

B-13 is located in the Ball Forging / Heat Treating Area. From 0" to 4.0" was brick flooring. From 4.0" to 1.0' was black sand and gravel (65.0 ppm). The soils from 1.0' to 2.0' were brown sand and gravel, moist (3.3 ppm). The soils from 2.0' to 3.0' were brown to dark brown clay and gravel, very wet (5.0 ppm). The soils from 4.0" to 1.0' were sent in for laboratory analysis because they emitted the highest PID readings.

**B-T-2:**

B-T-2 is located in the stained soils around T-2. Only the stained surface soils were collected and only analyzed for PCBs. The soil from 0.0' to 0.5' was a black silty sand (4.5 ppm).

**F-1:**

F-1 is in the area north of the Ball Forging / Heat Treating Area, east of the above ground furnace. The material was of the brick floor adjacent to the furnace. The brick material was sent in for RCRA metals analysis only.

Mr. Robert Morris  
Re: Pre-Demolition Site Investigation 303 Woodward  
December 9, 2003

**F-2:**

F-2 is in the area of the Ball Forging / Heat Treating Area, from the brick on the west side of the above ground furnace. The brick material was sent in for RCRA metals analysis only

Locations of all soil borings and samples can be located on the attached Sheet 1. A summary of analytical results of the soil can be found in Table 1. Results that exceeded the TAGM 4046 Recommended Soil Cleanup Objectives are entered in red. All laboratory analyses are included in Attachment 1.

**3.0 - PCB Wipe Samples**

A total of nine (9) PCB wipe samples were collected from within the site and analyzed using Method EPA 8082A. Sample locations were determined based on surface condition (staining) and/or area usage. The only wipe sample which contained PCBs was W-6, from the floor brick in the Ball Forging / Heat Treating Area near the below-ground furnace. This sample contained 0.144 ug/cm<sup>2</sup> of PCBs, which is well below the TAGM 4046 regulatory limit of 1.0 ppm for surface contamination. Locations of all PCB wipe samples are indicated on Sheet 1. Analytical results for the PCB wipe samples can be found in Table 2. None of the samples indicated the presence of PCBs above regulatory limits.

**4.0 - Transformer/Switches Sampling for PCBs**

A total of twenty-three (23) transformers (and switches) were observed on the site. Oil from twenty-two (22) of the transformers was sampled for PCB analysis. The remaining transformer, T-11, was not sampled because it contained a sealed chamber. Two transformers contained PCBs: T-1 and T-6. T-1 is located south of the Storage Building (Wood), and T-6 is located in the Transformer Room. Analytical results from T-1 indicated a concentration of PCBs above the TOSCA acceptable limit of 50.0 ppm. This material shall be handled in accordance with state and federal regulations. Locations of all transformers are indicated on Sheet 1. Analytical results of the PCB testing can be found in Table 3.

**5.0 - Disposal Approval Sampling**

A total of six (6) samples were collected for material disposal based upon the tonnage estimate of 4,500 tons. Materials collected included wood flooring, brick flooring and concrete wall blocks. All samples were analyzed for RCRA metals. The test results indicated that none of the material exceeded regulatory levels for RCRA metals. Analytical results can be found in Table 4.

**6.0 - Photograph Log and Video Journal**

A Photograph Log and Video Journal of existing conditions at the site is provided on the attached compact disc and videotape.

Mr. Robert Morris  
Re: Pre-Demolition Site Investigation 303 Woodward  
December 9, 2003

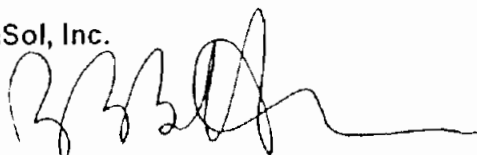
#### 7.0 – Summary

- Building floors / soil borings – Low levels of contamination were found at depths of 0 -3'.
- Floor, walls and equipment / wipe samples – Testing indicated that all samples were below regulatory limits.
- Transformer oil samples – Two transformers and oil contained detectable levels of PCBs, one of which exceeded PCB regulatory limits.
- Material characterization samples for disposal approval – Testing indicated that all materials were non-hazardous and may be acceptable for disposal at the Tonawanda Landfill pending NYSDEC approval

If you have any questions or require additional information, please contact me at (716) 285-3920, ext. 202.

Sincerely,

EnSol, Inc.



John Battaglia, P.E.  
President

#### Attachments

Sheet 1 – Site Layout and Sample Locations

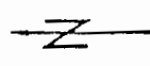
Table 1 – Soil Boring Analysis

Table 2 – PCB Sampling – Wipe Tests

Table 3 – PCB Sampling – Transformers

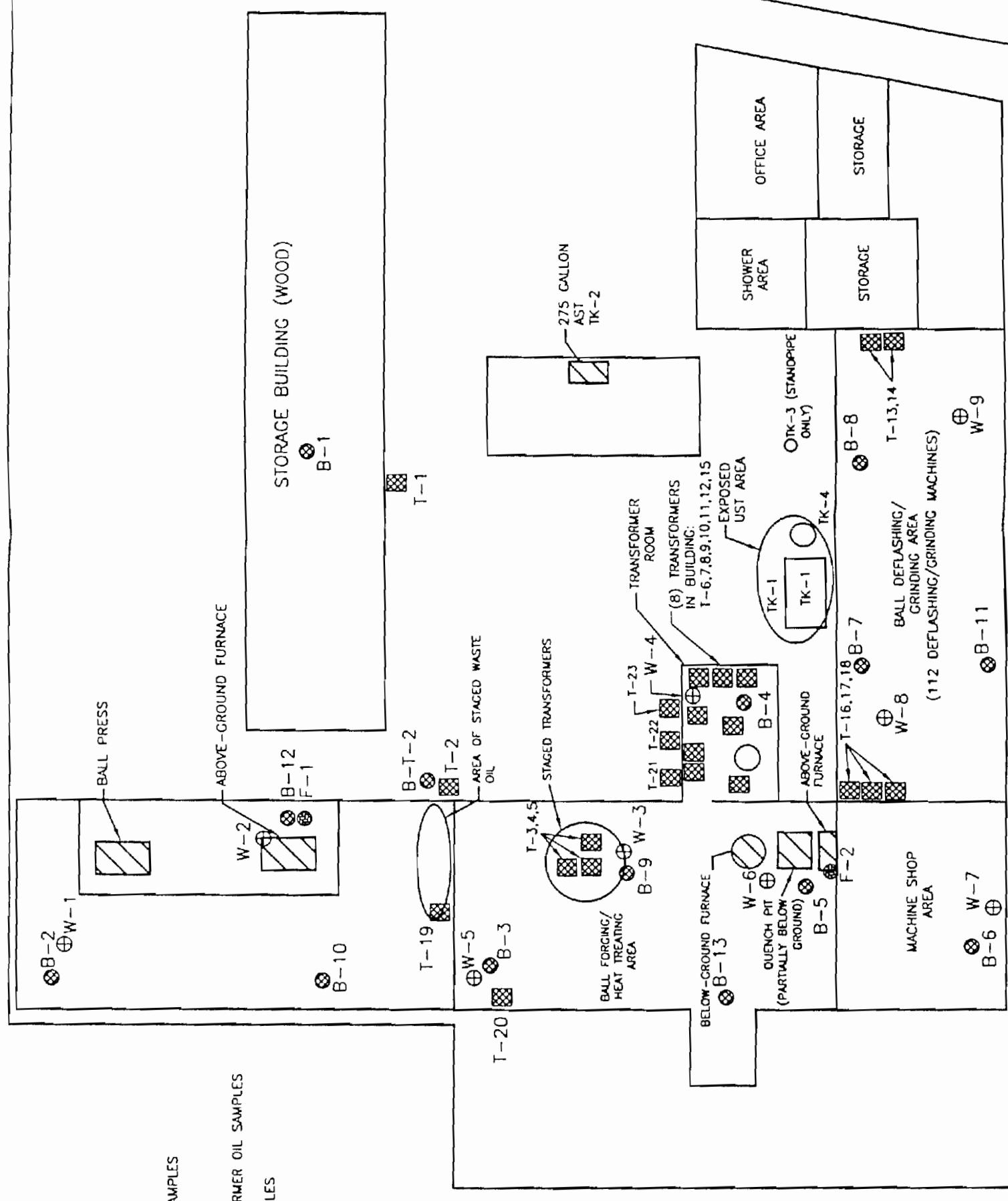
Table 4 – Disposal Approval Sampling

Analytical Data



LEGEND

- ⊗ B-1 - LOCATION OF SOIL BORINGS AND SAMPLES
- ⊕ W-1 - LOCATION OF WIPE SAMPLES
- ⊠ T-1 - LOCATION OF SWITCH AND TRANSFORMER OIL SAMPLES
- ⊙ F-1 - LOCATION OF FURNACE BRICK SAMPLES



| REVISION |  | BY | DATE | EnSol, Inc.<br>Environmental Solutions<br>452 THIRD STREET |               |  | TITLE: SAMPLE LOCATION PLAN |     |                                                                |
|----------|--|----|------|------------------------------------------------------------|---------------|--|-----------------------------|-----|----------------------------------------------------------------|
|          |  |    |      | PROJ. NO.                                                  | 03-0037       |  | SCALE                       | NTS | PROJECT: PRE-DEMOLITION SITE INVESTIGATION - 303 WOODWARD AVE. |
|          |  |    |      | DWG.                                                       | SITE PLAN.DWG |  | PREPARED FOR:               |     | TOWN OF TONAWANDA                                              |



TOWN OF TONAWANDA  
303 WOODWARD AVENUE  
PRE-DEMOLITION SITE INVESTIGATION  
TABLE 1

Soil Boring Analysis

| Parameters                                        | Sample ID                    |                        |                        |                        |     |                        |                        |                        |                        |                         |                          |                 |
|---------------------------------------------------|------------------------------|------------------------|------------------------|------------------------|-----|------------------------|------------------------|------------------------|------------------------|-------------------------|--------------------------|-----------------|
|                                                   | Date Collected               | B-1 (2-3')<br>10/15/03 | B-2 (1-2')<br>10/15/03 | B-3 (2-3')<br>10/15/03 | B-4 | B-5 (2-3')<br>10/15/03 | B-6 (2-3')<br>10/15/03 | B-7 (0-1')<br>10/15/03 | B-8 (1-2')<br>10/15/03 | B-13 (0-1')<br>10/17/03 | B-T-2 (0-6")<br>10/15/03 | F-1<br>11/20/03 |
| Volatiles - 601/80218<br>ug / kg                  | Benzene                      | ND                     | ND                     | ND                     | --- | ND                     | ND                     | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | n-Butylbenzene               | ND                     | ND                     | ND                     | --- | ND                     | 32.5                   | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | sec-Butylbenzene             | ND                     | ND                     | ND                     | --- | ND                     | 12.2                   | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | tert-Butylbenzene            | ND                     | ND                     | ND                     | --- | ND                     | 26.8                   | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | Ethylbenzene                 | ND                     | ND                     | ND                     | --- | ND                     | 11.5                   | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | n-Propylbenzene              | ND                     | ND                     | ND                     | --- | ND                     | 10.3                   | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | isopropylbenzene             | ND                     | ND                     | ND                     | --- | ND                     | 22.9                   | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | p-isopropyltoluene           | ND                     | ND                     | ND                     | --- | ND                     | 39.7                   | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | Naphthalene                  | ND                     | ND                     | ND                     | --- | ND                     | ND                     | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | Toluene                      | ND                     | ND                     | ND                     | --- | ND                     | 28.3                   | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | 1,2,4-Trimethylbenzene       | ND                     | ND                     | ND                     | --- | ND                     | 15.6                   | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | 1,3,5-Trimethylbenzene       | ND                     | ND                     | ND                     | --- | ND                     | ND                     | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | m,p-Xylene                   | ND                     | ND                     | ND                     | --- | ND                     | ND                     | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | o-Xylene                     | ND                     | ND                     | ND                     | --- | ND                     | ND                     | ND                     | ND                     | ND                      | ---                      | ---             |
| Semi-Volatiles - 8270D<br>ug / kg                 | Methyl tert-butyl Ether      | ND                     | ND                     | ND                     | --- | ND                     | 643                    | 671                    | ND                     | ND                      | ---                      | ---             |
|                                                   | Anthracene                   | ND                     | ND                     | ND                     | --- | ND                     | 1200                   | 723                    | ND                     | ND                      | ---                      | ---             |
|                                                   | Benzo (a) anthracene         | ND                     | ND                     | ND                     | --- | ND                     | 698                    | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | Benzo (b) fluoranthene       | ND                     | ND                     | ND                     | --- | ND                     | 386                    | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | Benzo (g,h,i) perylene       | ND                     | ND                     | ND                     | --- | ND                     | 636                    | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | Benzo (k) fluoranthene       | ND                     | ND                     | ND                     | --- | ND                     | 1200                   | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | Chrysene                     | ND                     | ND                     | ND                     | --- | ND                     | 2400                   | 2860                   | ND                     | ND                      | ---                      | ---             |
|                                                   | 2-Methylnaphthalene          | ND                     | ND                     | ND                     | --- | ND                     | 429                    | 397                    | ND                     | ND                      | ---                      | ---             |
|                                                   | Fluoranthene                 | ND                     | ND                     | ND                     | --- | ND                     | 1140                   | 2240                   | ND                     | ND                      | ---                      | ---             |
|                                                   | Indeno (1,2,3-cd) pyrene     | ND                     | ND                     | ND                     | --- | ND                     | 2200                   | 1720                   | ND                     | 406                     | ---                      | ---             |
|                                                   | Phenanthrene                 | ND                     | ND                     | ND                     | --- | ND                     | ND                     | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | Pyrene                       | ND                     | ND                     | ND                     | --- | ND                     | ND                     | ND                     | ND                     | ND                      | ---                      | ---             |
|                                                   | Aroclor 1016                 | ---                    | ---                    | ---                    | --- | ---                    | ---                    | ---                    | ---                    | ---                     | ---                      | ---             |
|                                                   | Aroclor 1221                 | ---                    | ---                    | ---                    | --- | ---                    | ---                    | ---                    | ---                    | ---                     | ---                      | ---             |
| PCBs - 8082<br>mg / kg                            | Aroclor 1232                 | ---                    | ---                    | ---                    | --- | ---                    | ---                    | ---                    | ---                    | ---                     | ---                      | ---             |
|                                                   | Aroclor 1242                 | ---                    | ---                    | ---                    | --- | ---                    | ---                    | ---                    | ---                    | ---                     | ---                      | ---             |
|                                                   | Aroclor 1248                 | ---                    | ---                    | ---                    | --- | ---                    | ---                    | ---                    | ---                    | ---                     | ---                      | ---             |
|                                                   | Aroclor 1254                 | ---                    | ---                    | ---                    | --- | ---                    | ---                    | ---                    | ---                    | ---                     | ---                      | ---             |
|                                                   | Aroclor 1260                 | ---                    | ---                    | ---                    | --- | ---                    | ---                    | ---                    | ---                    | ---                     | ---                      | ---             |
|                                                   | Arsenic                      | 27.3                   | 2.73                   | 3.47                   | --- | 3.91                   | 6.01                   | 25.3                   | 3.06                   | 5.51                    | 0.165                    | <0.100          |
| RCRA Metals<br>mg/kg                              | Barium                       | 271                    | 56.3                   | 143                    | --- | 167                    | 87                     | 79                     | 119                    | 140                     | 0.39                     | 0.38            |
|                                                   | Cadmium                      | 1.65                   | 1.14                   | 1.42                   | --- | 1.54                   | 1.41                   | 6.38                   | 1.47                   | 1.41                    | <0.025                   | <0.025          |
|                                                   | Chromium                     | 13.6                   | 16.8                   | 22.1                   | --- | 23.7                   | 19.9                   | 94.3                   | 24.3                   | 29.9                    | <0.050                   | <0.050          |
|                                                   | Lead                         | 316                    | 41.8                   | 11.1                   | --- | 24.2                   | 24.8                   | 265                    | 60.9                   | 62.4                    | <0.100                   | <0.100          |
|                                                   | Mercury                      | 0.207                  | 0.035                  | 0.035                  | --- | <0.022                 | 0.043                  | 0.381                  | 0.078                  | <0.0172                 | <0.0020                  | <0.0020         |
|                                                   | Selenium                     | 5.08                   | 2.96                   | 3.47                   | --- | 3.55                   | 3.82                   | 15.5                   | 3.55                   | 0.703                   | <0.100                   | <0.100          |
| Chromium, Hexavalent Soluble<br>SW 7196A<br>mg/kg | Silver                       | <1.18                  | <1.14                  | <1.09                  | --- | <1.18                  | <1.09                  | <1.14                  | <1.22                  | <1.00                   | <0.050                   | <0.050          |
|                                                   | Chromium, Hexavalent Soluble | ND                     | ND                     | ND                     | --- | ND                     | ND                     | ND                     | ND                     | ND                      | ---                      | ---             |

Notes

- 1 Samples were not obtained at B-4 because of an excessive concrete pad.
- 2 B-T-2 was analyzed for PCBs only.
3. "..." indicates no analysis was performed
- 4 Red indicates values are in excess of TAGM 4046 Recommended Soil Cleanup Objectives
- 5 See Sheet 1 for location of samples

TOWN OF TONAWANDA  
303 WOODWARD AVENUE  
PRE-DEMOLITION SITE INVESTIGATION  
TABLE 2

PCB Sampling - Wipe Tests

| Sample ID | Location                           | Parameters<br>ug / cm <sup>2</sup> |              |              |              |              |              |              |  |
|-----------|------------------------------------|------------------------------------|--------------|--------------|--------------|--------------|--------------|--------------|--|
|           |                                    | Aroclor 1016                       | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 |  |
| W-1       | On floor near B-2                  | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           |  |
| W-2       | On above ground furnace            | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           |  |
| W-3       | On floor near T-3,4,5              | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           |  |
| W-4       | On floor near T-7,8,9              | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           |  |
| W-5       | On floor near T-20                 | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           |  |
| W-6       | On floor near below-ground furnace | ND                                 | ND           | ND           | ND           | ND           | ND           | 0.144        |  |
| W-7       | On equipment near B-6              | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           |  |
| W-8       | On equipment near T-16,17,18       | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           |  |
| W-9       | On equipment across from B-8       | ND                                 | ND           | ND           | ND           | ND           | ND           | ND           |  |

Note:  
See Sheet 1 for location of samples.

TOWN OF TONAWANDA  
303 WOODWARD AVENUE  
PRE-DEMOLITION SITE INVESTIGATION  
TABLE 3

PCB Oil Sampling - Transformers and Switches

| Sample ID | Parameters (mg / kg) |              |              |              |              |              |              |
|-----------|----------------------|--------------|--------------|--------------|--------------|--------------|--------------|
|           | Aroclor 1016         | Aroclor 1221 | Aroclor 1232 | Aroclor 1242 | Aroclor 1248 | Aroclor 1254 | Aroclor 1260 |
| T-1       | ND                   | ND           | ND           | ND           | ND           | ND           | 327          |
| T-2       | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-3       | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-4       |                      |              |              |              |              |              |              |
| T-5       |                      |              |              |              |              |              |              |
| T-6       | ND                   | ND           | ND           | ND           | ND           | ND           | 2 93         |
| T-7       | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-8       | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-9       | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-10      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-11      | ---                  | ---          | ---          | ---          | ---          | ---          | ---          |
| T-12      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-13      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-14      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-15      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-16      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-17      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-18      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-19      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-20      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-21      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-22      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |
| T-23      | ND                   | ND           | ND           | ND           | ND           | ND           | ND           |

Notes:

1. T-3, T-4, and T-5 were composited together.
2. T-11 contained a sealed chamber and was not sampled.
3. See Sheet 1 for location of samples.
4. Transformers T-12 and T-13 were empty and were tested with a PCB wipe test.

TOWN OF TONAWANDA  
303 WOODWARD AVENUE  
PRE-DEMOLITION SITE INVESTIGATION  
TABLE 4

Disposal Approval Sampling

| Parameters     | Sample ID |          |          |          |          |          |
|----------------|-----------|----------|----------|----------|----------|----------|
|                | D-1       | D-2      | D-3      | D-4      | D-5      | D-6      |
| Date Collected | 10/29/03  | 10/29/03 | 10/29/03 | 10/29/03 | 10/29/03 | 10/29/03 |
| Arsenic        | <0.100    | <0.100   | <0.100   | <0.100   | <0.100   | <0.100   |
| Barium         | 0.155     | 0.315    | 0.355    | 0.19     | 0.135    | 0.193    |
| Cadmium        | <0.025    | <0.025   | <0.025   | <0.025   | <0.025   | <0.025   |
| Chromium       | <0.050    | <0.050   | <0.050   | <0.050   | <0.050   | <0.050   |
| Lead           | <0.100    | <0.100   | 0.71     | <0.100   | <0.100   | 0.95     |
| Mercury        | <0.0020   | <0.0020  | <0.0020  | <0.0020  | <0.0020  | <0.0020  |
| Selenium       | <0.100    | <0.100   | <0.100   | <0.100   | <0.100   | <0.100   |
| Silver         | <0.050    | <0.050   | <0.050   | <0.050   | <0.050   | <0.050   |

mg/kg  
RCRA Metals

## Analytical Data

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9203

Client Job Number: N/A

Field Location: B-1 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/23/2003

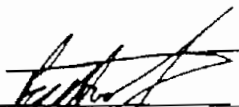
Date Reissued: 11/04/2003

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND < 9.40          |
| n-Butylbenzene          | ND < 9.40          |
| sec-Butylbenzene        | ND < 9.40          |
| tert-Butylbenzene       | ND < 9.40          |
| Ethylbenzene            | ND < 9.40          |
| n-Propylbenzene         | ND < 9.40          |
| Isopropylbenzene        | ND < 9.40          |
| p-Isopropyltoluene      | ND < 9.40          |
| Naphthalene             | ND < 23.5          |
| Toluene                 | ND < 9.40          |
| 1,2,4-Trimethylbenzene  | ND < 9.40          |
| 1,3,5-Trimethylbenzene  | ND < 9.40          |
| m,p-Xylene              | ND < 9.40          |
| o-Xylene                | ND < 9.40          |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND < 9.40          |

ELAP Number 10958 Method: EPA 8021B (GC/MS) Data File 15785.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director

# Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

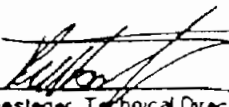
|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9204       |
| Client Job Number: | N/A          |                     |            |
| Field Location:    | B-2 (1-2')   | Date Sampled:       | 10/15/2003 |
| Field ID Number:   | N/A          | Date Received:      | 10/16/2003 |
| Sample Type:       | Soil         | Date Analyzed:      | 10/23/2003 |
|                    |              | Date Reissued:      | 11/04/2003 |

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 8.40           |
| n-Butylbenzene          | ND< 8.40           |
| sec-Butylbenzene        | ND< 8.40           |
| tert-Butylbenzene       | ND< 8.40           |
| Ethylbenzene            | ND< 8.40           |
| n-Propylbenzene         | ND< 8.40           |
| Isopropylbenzene        | ND< 8.40           |
| p-Isopropyltoluene      | ND< 8.40           |
| Naphthalene             | ND< 21.0           |
| Toluene                 | ND< 8.40           |
| 1,2,4-Trimethylbenzene  | ND< 8.40           |
| 1,3,5-Trimethylbenzene  | ND< 8.40           |
| m,p-Xylene              | ND< 8.40           |
| o-Xylene                | ND< 8.40           |
| <u>Miscellaneous</u>    |                    |
| Methyl tert-butyl Ether | ND< 8.40           |

ELAP Number 10958 Method EPA 8021B (GC/MS) Data File 16786.D

Comments ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hooquester Technical Director

# Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9205

Client Job Number: N/A

Field Location: B-3 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/23/2003

Date Reissued: 11/04/2003

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 11.1           |
| n-Butylbenzene          | ND< 11.1           |
| sec-Butylbenzene        | ND< 11.1           |
| tert-Butylbenzene       | ND< 11.1           |
| Ethylbenzene            | ND< 11.1           |
| n-Propylbenzene         | ND< 11.1           |
| Isopropylbenzene        | ND< 11.1           |
| p-Isopropyltoluene      | ND< 11.1           |
| Naphthalene             | ND< 27.7           |
| Toluene                 | ND< 11.1           |
| 1,2,4-Trimethylbenzene  | ND< 11.1           |
| 1,3,5-Trimethylbenzene  | ND< 11.1           |
| m,p-Xylene              | ND< 11.1           |
| o-Xylene                | ND< 11.1           |
| <u>Miscellaneous</u>    |                    |
| Methyl tert-butyl Ether | ND< 11.1           |

ELAP Number 10958 Method: EPA 8021B (GC/MS) Data File 16787.D

Comments ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature: \_\_\_\_\_

Renee Hoodstad, Technical Director



# Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9206

Client Job Number: N/A

Field Location: B-5 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/23/2003

Date Reissued: 11/04/2003

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 8.15           |
| n-Butylbenzene          | ND< 8.15           |
| sec-Butylbenzene        | ND< 8.15           |
| tert-Butylbenzene       | ND< 8.15           |
| Ethylbenzene            | ND< 8.15           |
| n-Propylbenzene         | ND< 8.15           |
| Isopropylbenzene        | ND< 8.15           |
| p-Isopropyltoluene      | ND< 8.15           |
| Naphthalene             | ND< 20.4           |
| Toluene                 | ND< 8.15           |
| 1,2,4-Trimethylbenzene  | ND< 8.15           |
| 1,3,5-Trimethylbenzene  | ND< 8.15           |
| m,p-Xylene              | ND< 8.15           |
| o-Xylene                | ND< 8.15           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 8.15           |

ELAP Number 10958 Method EPA 8021B (GC/MS) Data File 16788.D

Comments ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature.

  
Bruce Hooquesteger, Technical Director

# Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

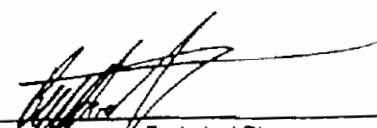
|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9207       |
| Client Job Number: | N/A          | Date Sampled:       | 10/15/2003 |
| Field Location:    | B-6 (2-3')   | Date Received:      | 10/16/2003 |
| Field ID Number:   | N/A          | Date Analyzed:      | 10/23/2003 |
| Sample Type:       | Soil         | Date Reissued:      | 11/04/2003 |

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 10.3           |
| n-Butylbenzene          | 32.5               |
| sec-Butylbenzene        | 12.2               |
| tert-Butylbenzene       | 28.8               |
| Ethylbenzene            | ND< 10.3           |
| n-Propylbenzene         | 11.5               |
| Isopropylbenzene        | 10.3               |
| p-Isopropyltoluene      | 22.9               |
| Naphthalene             | 39.7               |
| Toluene                 | ND< 10.3           |
| 1,2,4-Trimethylbenzene  | 28.3               |
| 1,3,5-Trimethylbenzene  | 15.6               |
| m,p-Xylene              | ND< 10.3           |
| o-Xylene                | ND< 10.3           |
| <u>Miscellaneous</u>    |                    |
| Methyl tert-butyl Ether | ND< 10.3           |

ELAP Number 10958 Method EPA 8021B (GC/MS) Data File: 16789.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
Bruce Rogesteg, Technical Director

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9208       |
| Client Job Number: | N/A          | Date Sampled:       | 10/15/2003 |
| Field Location:    | B-7 (0-1')   | Date Received:      | 10/16/2003 |
| Field ID Number:   | N/A          | Date Analyzed:      | 10/23/2003 |
| Sample Type:       | Soil         | Date Reissued:      | 11/04/2003 |

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 9.25           |
| n-Butylbenzene          | ND< 9.25           |
| sec-Butylbenzene        | ND< 9.25           |
| tert-Butylbenzene       | ND< 9.25           |
| Ethylbenzene            | ND< 9.25           |
| n-Propylbenzene         | ND< 9.25           |
| Isopropylbenzene        | ND< 9.25           |
| p-Isopropyltoluene      | ND< 9.25           |
| Naphthalene             | ND< 23.1           |
| Toluene                 | ND< 9.25           |
| 1,2,4-Trimethylbenzene  | ND< 9.25           |
| 1,3,5-Trimethylbenzene  | ND< 9.25           |
| m,p-Xylene              | ND< 9.25           |
| o-Xylene                | ND< 9.25           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 9.25           |

ELAP Number 10958 Method: EPA 8021B (GC/MS) Data File 16790.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
Bruce Homestead, Technical Director

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

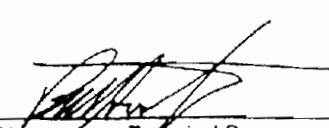
|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9209       |
| Client Job Number: | N/A          | Date Sampled:       | 10/15/2003 |
| Field Location:    | B-8 (1-2')   | Date Received:      | 10/16/2003 |
| Field ID Number:   | N/A          | Date Analyzed:      | 10/23/2003 |
| Sample Type:       | Soil         | Date Reissued:      | 11/04/2003 |

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 9.87           |
| n-Butylbenzene          | ND< 9.87           |
| sec-Butylbenzene        | ND< 9.87           |
| tert-Butylbenzene       | ND< 9.87           |
| Ethylbenzene            | ND< 9.87           |
| n-Propylbenzene         | ND< 9.87           |
| Isopropylbenzene        | ND< 9.87           |
| p-Isopropyltoluene      | ND< 9.87           |
| Naphthalene             | ND< 24.7           |
| Toluene                 | ND< 9.87           |
| 1,2,4-Trimethylbenzene  | ND< 9.87           |
| 1,3,5-Trimethylbenzene  | ND< 9.87           |
| m,p-Xylene              | ND< 9.87           |
| o-Xylene                | ND< 9.87           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 9.87           |

ELAP Number 10958 Method: EPA 8021B (GC/MS) Data File: 16791.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
Bruce Hooester, Technical Director

Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: EnSol

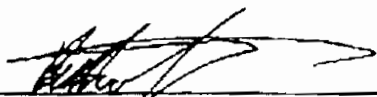
|                    |                                       |                     |            |
|--------------------|---------------------------------------|---------------------|------------|
| Client Job Site:   | 303 Woodward Ave<br>Town of Tonawanda | Lab Project Number: | 03-2852    |
| Client Job Number: | N/A                                   | Lab Sample Number:  | 9377       |
| Field Location:    | B-13 (0-1')                           | Date Sampled:       | 10/17/2003 |
| Field ID Number:   | N/A                                   | Date Received:      | 10/20/2003 |
| Sample Type:       | Soil                                  | Date Analyzed:      | 10/24/2003 |
|                    |                                       | Date Reissued:      | 11/19/2003 |

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND < 8.20          |
| n-Butylbenzene          | ND < 8.20          |
| sec-Butylbenzene        | ND < 8.20          |
| tert-Butylbenzene       | ND < 8.20          |
| Ethylbenzene            | ND < 8.20          |
| n-Propylbenzene         | ND < 8.20          |
| Isopropylbenzene        | ND < 8.20          |
| p-Isopropyltoluene      | ND < 8.20          |
| Naphthalene             | ND < 20.5          |
| Toluene                 | ND < 8.20          |
| 1,2,4-Trimethylbenzene  | ND < 8.20          |
| 1,3,5-Trimethylbenzene  | ND < 8.20          |
| m,p-Xylene              | ND < 8.20          |
| o-Xylene                | ND < 8.20          |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND < 8.20          |

ELAP Number 10958 Method: EPA 80218 (GC/MS) Data File: 16836.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature

  
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 032852R1.XLS

Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9203

Client Job Number: N/A

Field Location: B-1 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 362            | Dibenz (a,h) anthracene       | ND< 362            |
| Anthracene                   | ND< 362            | Fluoranthene                  | ND< 362            |
| Benzo (a) anthracene         | ND< 362            | Fluorene                      | ND< 362            |
| Benzo (a) pyrene             | ND< 362            | Indeno (1,2,3-cd) pyrene      | ND< 362            |
| Benzo (b) fluoranthene       | ND< 362            | Naphthalene                   | ND< 362            |
| Benzo (g,h,i) perylene       | ND< 362            | Phenanthrene                  | ND< 362            |
| Benzo (k) fluoranthene       | ND< 362            | Pyrene                        | ND< 362            |
| Chrysene                     | ND< 362            | Acenaphthylene                | ND< 362            |
| Diethyl phthalate            | ND< 362            | 1,2-Dichlorobenzene           | ND< 362            |
| Dimethyl phthalate           | ND< 905            | 1,3-Dichlorobenzene           | ND< 362            |
| Butylbenzylphthalate         | ND< 362            | 1,4-Dichlorobenzene           | ND< 362            |
| Di-n-butyl phthalate         | ND< 362            | 1,2,4-Trichlorobenzene        | ND< 362            |
| Di-n-octylphthalate          | ND< 362            | Nitrobenzene                  | ND< 362            |
| Bis (2-ethylhexyl) phthalate | ND< 362            | 2,4-Dinitrotoluene            | ND< 362            |
| 2-Chloronaphthalene          | ND< 362            | 2,6-Dinitrotoluene            | ND< 362            |
| Hexachlorobenzene            | ND< 362            | Bis (2-chloroethyl) ether     | ND< 362            |
| Hexachloroethane             | ND< 362            | Bis (2-chloroisopropyl) ether | ND< 362            |
| Hexachlorocyclopentadiene    | ND< 362            | Bis (2-chloroethoxy) methane  | ND< 362            |
| Hexachlorobutadiene          | ND< 362            | 4-Bromophenyl phenyl ether    | ND< 362            |
| N-Nitroso-di-n-propylamine   | ND< 362            | 4-Chlorophenyl phenyl ether   | ND< 362            |
| N-Nitrosodiphenylamine       | ND< 362            | Benzidine                     | ND< 905            |
| N-Nitrosodimethylamine       | ND< 362            | 3,3'-Dichlorobenzidine        | ND< 362            |
| Isophorone                   | ND< 362            | 4-Chloroaniline               | ND< 362            |
| Benzyl alcohol               | ND< 905            | 2-Nitroaniline                | ND< 905            |
| Dibenzofuran                 | ND< 362            | 3-Nitroaniline                | ND< 905            |
| 2-Methylnaphthalene          | ND< 362            | 4-Nitroaniline                | ND< 905            |

ELAP Number 10958

Method: EPA 8270C

Data File 13495.D

Comments ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:

  
 Bruce Hoogesteger, Technical Director

## Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9204

Client Job Number: N/A

Field Location: B-2 (1-2')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND < 344           | Dibenz (a,h) anthracene       | ND < 344           |
| Anthracene                   | ND < 344           | Fluoranthene                  | ND < 344           |
| Benzo (a) anthracene         | ND < 344           | Fluorene                      | ND < 344           |
| Benzo (a) pyrene             | ND < 344           | Indeno (1,2,3-cd) pyrene      | ND < 344           |
| Benzo (b) fluoranthene       | ND < 344           | Naphthalene                   | ND < 344           |
| Benzo (g,h,i) perylene       | ND < 344           | Phenanthrene                  | ND < 344           |
| Benzo (k) fluoranthene       | ND < 344           | Pyrene                        | ND < 344           |
| Chrysene                     | ND < 344           | Acenaphthylene                | ND < 344           |
| Diethyl phthalate            | ND < 344           | 1,2-Dichlorobenzene           | ND < 344           |
| Dimethyl phthalate           | ND < 859           | 1,3-Dichlorobenzene           | ND < 344           |
| Butylbenzylphthalate         | ND < 344           | 1,4-Dichlorobenzene           | ND < 344           |
| Di-n-butyl phthalate         | ND < 344           | 1,2,4-Trichlorobenzene        | ND < 344           |
| Di-n-octylphthalate          | ND < 344           | Nitrobenzene                  | ND < 344           |
| Bis (2-ethylhexyl) phthalate | ND < 344           | 2,4-Dinitrotoluene            | ND < 344           |
| 2-Chloronaphthalene          | ND < 344           | 2,6-Dinitrotoluene            | ND < 344           |
| Hexachlorobenzene            | ND < 344           | Bis (2-chloroethyl) ether     | ND < 344           |
| Hexachloroethane             | ND < 344           | Bis (2-chloroisopropyl) ether | ND < 344           |
| Hexachlorocyclopentadiene    | ND < 344           | Bis (2-chloroethoxy) methane  | ND < 344           |
| Hexachlorobutadiene          | ND < 344           | 4-Bromophenyl phenyl ether    | ND < 344           |
| N-Nitroso-di-n-propylamine   | ND < 344           | 4-Chlorophenyl phenyl ether   | ND < 344           |
| N-Nitrosodiphenylamine       | ND < 344           | Benzidine                     | ND < 859           |
| N-Nitrosodimethylamine       | ND < 344           | 3,3'-Dichlorobenzidine        | ND < 344           |
| Isophorone                   | ND < 344           | 4-Chloroaniline               | ND < 344           |
| Benzyl alcohol               | ND < 859           | 2-Nitroaniline                | ND < 859           |
| Dibenzofuran                 | ND < 344           | 3-Nitroaniline                | ND < 859           |
| 2-Methylnaphthalene          | 593                | 4-Nitroaniline                | ND < 859           |

ELAP Number 10958

Method EPA 8270C

Data File 13496.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

## Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Lab Sample Number: 9205

Client Job Number: N/A

Field Location: B-3 (2-'3)

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND < 357           | Dibenz (a,h) anthracene       | ND < 357           |
| Anthracene                   | ND < 357           | Fluoranthene                  | ND < 357           |
| Benzo (a) anthracene         | ND < 357           | Fluorene                      | ND < 357           |
| Benzo (a) pyrene             | ND < 357           | Indeno (1,2,3-cd) pyrene      | ND < 357           |
| Benzo (b) fluoranthene       | ND < 357           | Naphthalene                   | ND < 357           |
| Benzo (g,h,i) perylene       | ND < 357           | Phenanthrene                  | ND < 357           |
| Benzo (k) fluoranthene       | ND < 357           | Pyrene                        | ND < 357           |
| Chrysene                     | ND < 357           | Acenaphthylene                | ND < 357           |
| Diethyl phthalate            | ND < 357           | 1,2-Dichlorobenzene           | ND < 357           |
| Dimethyl phthalate           | ND < 893           | 1,3-Dichlorobenzene           | ND < 357           |
| Butylbenzylphthalate         | ND < 357           | 1,4-Dichlorobenzene           | ND < 357           |
| Di-n-butyl phthalate         | ND < 357           | 1,2,4-Trichlorobenzene        | ND < 357           |
| Di-n-octylphthalate          | ND < 357           | Nitrobenzene                  | ND < 357           |
| Bis (2-ethylhexyl) phthalate | ND < 357           | 2,4-Dinitrotoluene            | ND < 357           |
| 2-Chloronaphthalene          | ND < 357           | 2,6-Dinitrotoluene            | ND < 357           |
| Hexachlorobenzene            | ND < 357           | Bis (2-chloroethyl) ether     | ND < 357           |
| Hexachloroethane             | ND < 357           | Bis (2-chloroisopropyl) ether | ND < 357           |
| Hexachlorocyclopentadiene    | ND < 357           | Bis (2-chloroethoxy) methane  | ND < 357           |
| Hexachlorobutadiene          | ND < 357           | 4-Bromophenyl phenyl ether    | ND < 357           |
| N-Nitroso-di-n-propylamine   | ND < 357           | 4-Chlorophenyl phenyl ether   | ND < 357           |
| N-Nitrosodiphenylamine       | ND < 357           | Benzidine                     | ND < 893           |
| N-Nitrosodimethylamine       | ND < 357           | 3,3'-Dichlorobenzidine        | ND < 357           |
| Isophorone                   | ND < 357           | 4-Chloroaniline               | ND < 357           |
| Benzyl alcohol               | ND < 893           | 2-Nitroaniline                | ND < 893           |
| Dibenzofuran                 | ND < 357           | 3-Nitroaniline                | ND < 893           |
| 2-Methylnaphthalene          | ND < 357           | 4-Nitroaniline                | ND < 893           |

ELAP Number 10958

Method: EPA 8270C

Data File: 13497.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram



## Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2819

Client Job Number: N/A

Lab Sample Number: 9206

Field Location: B-5 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 370            | Dibenz (a,h) anthracene       | ND< 370            |
| Anthracene                   | ND< 370            | Fluoranthene                  | ND< 370            |
| Benzo (a) anthracene         | ND< 370            | Fluorene                      | ND< 370            |
| Benzo (a) pyrene             | ND< 370            | Indeno (1,2,3-cd) pyrene      | ND< 370            |
| Benzo (b) fluoranthene       | ND< 370            | Naphthalene                   | ND< 370            |
| Benzo (g,h,i) perylene       | ND< 370            | Phenanthrene                  | ND< 370            |
| Benzo (k) fluoranthene       | ND< 370            | Pyrene                        | ND< 370            |
| Chrysene                     | ND< 370            | Acenaphthylene                | ND< 370            |
| Diethyl phthalate            | ND< 370            | 1,2-Dichlorobenzene           | ND< 370            |
| Dimethyl phthalate           | ND< 925            | 1,3-Dichlorobenzene           | ND< 370            |
| Butylbenzylphthalate         | ND< 370            | 1,4-Dichlorobenzene           | ND< 370            |
| Di-n-butyl phthalate         | ND< 370            | 1,2,4-Trichlorobenzene        | ND< 370            |
| Di-n-octylphthalate          | ND< 370            | Nitrobenzene                  | ND< 370            |
| Bis (2-ethylhexyl) phthalate | ND< 370            | 2,4-Dinitrotoluene            | ND< 370            |
| 2-Chloronaphthalene          | ND< 370            | 2,6-Dinitrotoluene            | ND< 370            |
| Hexachlorobenzene            | ND< 370            | Bis (2-chloroethyl) ether     | ND< 370            |
| Hexachloroethane             | ND< 370            | Bis (2-chloroisopropyl) ether | ND< 370            |
| Hexachlorocyclopentadiene    | ND< 370            | Bis (2-chloroethoxy) methane  | ND< 370            |
| Hexachlorobutadiene          | ND< 370            | 4-Bromophenyl phenyl ether    | ND< 370            |
| N-Nitroso-di-n-propylamine   | ND< 370            | 4-Chlorophenyl phenyl ether   | ND< 370            |
| N-Nitrosodiphenylamine       | ND< 370            | Benzidine                     | ND< 925            |
| N-Nitrosodimethylamine       | ND< 370            | 3,3'-Dichlorobenzidine        | ND< 370            |
| Isophorone                   | ND< 370            | 4-Chloroaniline               | ND< 370            |
| Benzyl alcohol               | ND< 925            | 2-Nitroaniline                | ND< 925            |
| Dibenzofuran                 | ND< 370            | 3-Nitroaniline                | ND< 925            |
| 2-Methylnaphthalene          | ND< 370            | 4-Nitroaniline                | ND< 925            |

ELAP Number 10958

Method EPA 8270C

Data File: 13498.D

Comments: ND denotes Non Detect

ug / Kg = microgram per Kilogram

Signature: 

## Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol, Inc.

Client Job Site: 303 Woodward

Lab Project Number: 03-2919

Lab Sample Number: 9207

Client Job Number: N/A

Field Location: B-6 (2-3')

Date Sampled: 10/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND < 365           | Dibenz (a,h) anthracene       | ND < 365           |
| Anthracene                   | 643                | Fluoranthene                  | 2,400              |
| Benzo (a) anthracene         | 1,200              | Fluorene                      | ND < 365           |
| Benzo (a) pyrene             | 723                | Indeno (1,2,3-cd) pyrene      | 429                |
| Benzo (b) fluoranthene       | 698                | Naphthalene                   | ND < 365           |
| Benzo (g,h,i) perylene       | 386                | Phenanthrene                  | 1,140              |
| Benzo (k) fluoranthene       | 636                | Pyrene                        | 2,200              |
| Chrysene                     | 1,200              | Acenaphthylene                | ND < 365           |
| Diethyl phthalate            | ND < 365           | 1,2-Dichlorobenzene           | ND < 365           |
| Dimethyl phthalate           | ND < 914           | 1,3-Dichlorobenzene           | ND < 365           |
| Butylbenzylphthalate         | ND < 365           | 1,4-Dichlorobenzene           | ND < 365           |
| Di-n-butyl phthalate         | ND < 365           | 1,2,4-Trichlorobenzene        | ND < 365           |
| Di-n-octylphthalate          | ND < 365           | Nitrobenzene                  | ND < 365           |
| Bis (2-ethylhexyl) phthalate | ND < 365           | 2,4-Dinitrotoluene            | ND < 365           |
| 2-Chloronaphthalene          | ND < 365           | 2,6-Dinitrotoluene            | ND < 365           |
| Hexachlorobenzene            | ND < 365           | Bis (2-chloroethyl) ether     | ND < 365           |
| Hexachloroethane             | ND < 365           | Bis (2-chloroisopropyl) ether | ND < 365           |
| Hexachlorocyclopentadiene    | ND < 365           | Bis (2-chloroethoxy) methane  | ND < 365           |
| Hexachlorobutadiene          | ND < 365           | 4-Bromophenyl phenyl ether    | ND < 365           |
| N-Nitroso-di-n-propylamine   | ND < 365           | 4-Chlorophenyl phenyl ether   | ND < 365           |
| N-Nitrosodiphenylamine       | ND < 365           | Benzidine                     | ND < 914           |
| N-Nitrosodimethylamine       | ND < 365           | 3,3'-Dichlorobenzidine        | ND < 365           |
| Isophorone                   | ND < 365           | 4-Chloroaniline               | ND < 365           |
| Benzyl alcohol               | ND < 914           | 2-Nitroaniline                | ND < 914           |
| Dibenzofuran                 | ND < 365           | 3-Nitroaniline                | ND < 914           |
| 2-Methylnaphthalene          | ND < 365           | 4-Nitroaniline                | ND < 914           |

ELAP Number 10958

Method EPA 8270C

Data File: 13487.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram



## Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol, Inc.

|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9208       |
| Client Job Number: | N/A          |                     |            |
| Field Location:    | B-7 (0-1')   | Date Sampled:       | 10/15/2003 |
| Field ID Number:   | N/A          | Date Received:      | 10/16/2003 |
| Sample Type:       | Soil         | Date Analyzed:      | 10/22/2003 |

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 331            | Dibenz (a,h) anthracene       | ND< 331            |
| Anthracene                   | 671                | Fluoranthene                  | 2,860              |
| Benzo (a) anthracene         | ND< 331            | Fluorene                      | ND< 331            |
| Benzo (a) pyrene             | 633                | Indeno (1,2,3-cd) pyrene      | 397                |
| Benzo (b) fluoranthene       | ND< 331            | Naphthalene                   | ND< 331            |
| Benzo (g,h,i) perylene       | ND< 331            | Phenanthrene                  | 2,240              |
| Benzo (k) fluoranthene       | ND< 331            | Pyrene                        | 1,720              |
| Chrysene                     | ND< 331            | Acenaphthylene                | ND< 331            |
| Diethyl phthalate            | ND< 331            | 1,2-Dichlorobenzene           | ND< 331            |
| Dimethyl phthalate           | ND< 828            | 1,3-Dichlorobenzene           | ND< 331            |
| Butylbenzylphthalate         | ND< 331            | 1,4-Dichlorobenzene           | ND< 331            |
| Di-n-butyl phthalate         | ND< 331            | 1,2,4-Trichlorobenzene        | ND< 331            |
| Di-n-octylphthalate          | ND< 331            | Nitrobenzene                  | ND< 331            |
| Bis (2-ethylhexyl) phthalate | ND< 331            | 2,4-Dinitrotoluene            | ND< 331            |
| 2-Chloronaphthalene          | ND< 331            | 2,6-Dinitrotoluene            | ND< 331            |
| Hexachlorobenzene            | ND< 331            | Bis (2-chloroethyl) ether     | ND< 331            |
| Hexachloroethane             | ND< 331            | Bis (2-chloroisopropyl) ether | ND< 331            |
| Hexachlorocyclopentadiene    | ND< 331            | Bis (2-chloroethoxy) methane  | ND< 331            |
| Hexachlorobutadiene          | ND< 331            | 4-Bromophenyl phenyl ether    | ND< 331            |
| N-Nitroso-di-n-propylamine   | ND< 331            | 4-Chlorophenyl phenyl ether   | ND< 331            |
| N-Nitrosodiphenylamine       | ND< 331            | Benzidine                     | ND< 828            |
| N-Nitrosodimethylamine       | ND< 331            | 3,3'-Dichlorobenzidine        | ND< 331            |
| Isophorone                   | ND< 331            | 4-Chloroaniline               | ND< 331            |
| Benzyl alcohol               | ND< 828            | 2-Nitroaniline                | ND< 828            |
| Dibenzofuran                 | ND< 331            | 3-Nitroaniline                | ND< 828            |
| 2-Methylnaphthalene          | ND< 331            | 4-Nitroaniline                | ND< 828            |

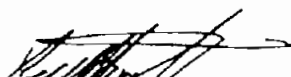
ELAP Number 10958

Method EPA 8270C

Data File: 13488.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

Signature:



## Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol, Inc.

|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9209       |
| Client Job Number: | N/A          |                     |            |
| Field Location:    | B-8 (1-2')   | Date Sampled:       | 10/15/2003 |
| Field ID Number:   | N/A          | Date Received:      | 10/16/2003 |
| Sample Type:       | Soil         | Date Analyzed:      | 10/22/2003 |

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 360            | Dibenz (a,h) anthracene       | ND< 360            |
| Anthracene                   | ND< 360            | Fluoranthene                  | ND< 360            |
| Benzo (a) anthracene         | ND< 360            | Fluorene                      | ND< 360            |
| Benzo (a) pyrene             | ND< 360            | Indeno (1,2,3-cd) pyrene      | ND< 360            |
| Benzo (b) fluoranthene       | ND< 360            | Naphthalene                   | ND< 360            |
| Benzo (g,h,i) perylene       | ND< 360            | Phenanthrene                  | ND< 360            |
| Benzo (k) fluoranthene       | ND< 360            | Pyrene                        | ND< 360            |
| Chrysene                     | ND< 360            | Acenaphthylene                | ND< 360            |
| Diethyl phthalate            | ND< 360            | 1,2-Dichlorobenzene           | ND< 360            |
| Dimethyl phthalate           | ND< 900            | 1,3-Dichlorobenzene           | ND< 360            |
| Butylbenzylphthalate         | ND< 360            | 1,4-Dichlorobenzene           | ND< 360            |
| Di-n-butyl phthalate         | ND< 360            | 1,2,4-Trichlorobenzene        | ND< 360            |
| Di-n-octylphthalate          | ND< 360            | Nitrobenzene                  | ND< 360            |
| Bis (2-ethylhexyl) phthalate | ND< 360            | 2,4-Dinitrotoluene            | ND< 360            |
| 2-Chloronaphthalene          | ND< 360            | 2,6-Dinitrotoluene            | ND< 360            |
| Hexachlorobenzene            | ND< 360            | Bis (2-chloroethyl) ether     | ND< 360            |
| Hexachloroethane             | ND< 360            | Bis (2-chloroisopropyl) ether | ND< 360            |
| Hexachlorocyclopentadiene    | ND< 360            | Bis (2-chloroethoxy) methane  | ND< 360            |
| Hexachlorobutadiene          | ND< 360            | 4-Bromophenyl phenyl ether    | ND< 360            |
| N-Nitroso-di-n-propylamine   | ND< 360            | 4-Chlorophenyl phenyl ether   | ND< 360            |
| N-Nitrosodiphenylamine       | ND< 360            | Benzidine                     | ND< 900            |
| N-Nitrosodimethylamine       | ND< 360            | 3,3'-Dichlorobenzidine        | ND< 360            |
| Isophorone                   | ND< 360            | 4-Chloroaniline               | ND< 360            |
| Benzyl alcohol               | ND< 900            | 2-Nitroaniline                | ND< 900            |
| Dibenzofuran                 | ND< 360            | 3-Nitroaniline                | ND< 900            |
| 2-Methylnaphthalene          | ND< 360            | 4-Nitroaniline                | ND< 900            |

ELAP Number 10958

Method EPA 8270C

Data File 13489.D

Comments ND denotes Non Detect  
ug / Kg = microgram per Kilogram



## Semi-Volatile Analysis Report for Soils/Solids/Sludges (B/N Fraction)

Client: EnSol

Client Job Site: 303 Woodward Ave.

Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9377

Client Job Number: N/A

Field Location: B-13(0-1')

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Soil

Date Analyzed: 10/22/2003

| Base / Neutrals              | Results in ug / Kg | Base / Neutrals               | Results in ug / Kg |
|------------------------------|--------------------|-------------------------------|--------------------|
| Acenaphthene                 | ND< 365            | Dibenz (a,h) anthracene       | ND< 365            |
| Anthracene                   | ND< 365            | Fluoranthene                  | ND< 365            |
| Benzo (a) anthracene         | ND< 365            | Fluorene                      | ND< 365            |
| Benzo (a) pyrene             | ND< 365            | Indeno (1,2,3-cd) pyrene      | ND< 365            |
| Benzo (b) fluoranthene       | ND< 365            | Naphthalene                   | ND< 365            |
| Benzo (g,h,i) perylene       | ND< 365            | Phenanthrene                  | ND< 365            |
| Benzo (k) fluoranthene       | ND< 365            | Pyrene                        | 406                |
| Chrysene                     | ND< 365            | Acenaphthylene                | ND< 365            |
| Diethyl phthalate            | ND< 365            | 1,2-Dichlorobenzene           | ND< 365            |
| Dimethyl phthalate           | ND< 913            | 1,3-Dichlorobenzene           | ND< 365            |
| Butylbenzylphthalate         | ND< 365            | 1,4-Dichlorobenzene           | ND< 365            |
| Di-n-butyl phthalate         | ND< 365            | 1,2,4-Trichlorobenzene        | ND< 365            |
| Di-n-octylphthalate          | ND< 365            | Nitrobenzene                  | ND< 365            |
| Bis (2-ethylhexyl) phthalate | ND< 365            | 2,4-Dinitrotoluene            | ND< 365            |
| 2-Chloronaphthalene          | ND< 365            | 2,6-Dinitrotoluene            | ND< 365            |
| Hexachlorobenzene            | ND< 365            | Bis (2-chloroethyl) ether     | ND< 365            |
| Hexachlorocyclopentadiene    | ND< 365            | Bis (2-chloroisopropyl) ether | ND< 365            |
| Hexachlorobutadiene          | ND< 365            | Bis (2-chloroethoxy) methane  | ND< 365            |
| N-Nitroso-di-n-propylamine   | ND< 365            | 4-Bromophenyl phenyl ether    | ND< 365            |
| N-Nitrosodiphenylamine       | ND< 365            | 4-Chlorophenyl phenyl ether   | ND< 365            |
| N-Nitrosodimethylamine       | ND< 365            | Benzidine                     | ND< 913            |
| Isophorone                   | ND< 365            | 3,3'-Dichlorobenzidine        | ND< 365            |
| Benzyl alcohol               | ND< 913            | 4-Chloroaniline               | ND< 365            |
| Dibenzofuran                 | ND< 365            | 2-Nitroaniline                | ND< 913            |
| 2-Methylnaphthalene          | ND< 365            | 3-Nitroaniline                | ND< 913            |
|                              |                    | 4-Nitroaniline                | ND< 913            |

ELAP Number 10958

Method: EPA 8270C

Data File: 13506.D

Comments

ND denotes Non Detect

ug / Kg = microgram per Kilogram

PCB Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9204       |
| Client Job Number: | N/A          | Date Sampled:       | 10/15/2003 |
| Field Location:    | B-2 (1-2')   | Date Received:      | 10/16/2003 |
| Field ID Number:   | N/A          | Date Analyzed:      | 10/21/2003 |
| Sample Type:       | Soil         |                     |            |

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.462          |
| Aroclor 1221       | ND< 0.462          |
| Aroclor 1232       | ND< 0.462          |
| Aroclor 1242       | ND< 0.462          |
| Aroclor 1248       | ND< 0.462          |
| Aroclor 1254       | ND< 0.462          |
| Aroclor 1260       | ND< 0.462          |

ELAP Number 10958

Method EPA 8082A

Comments ND denotes Non Detect  
mg / Kg = milligram per Kilogram



## PCB Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9208       |
| Client Job Number: | N/A          |                     |            |
| Field Location:    | B-7 (0-1')   | Date Sampled:       | 10/15/2003 |
| Field ID Number:   | N/A          | Date Received:      | 10/16/2003 |
| Sample Type:       | Soil         | Date Analyzed:      | 10/21/2003 |

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.471          |
| Aroclor 1221       | ND< 0.471          |
| Aroclor 1232       | ND< 0.471          |
| Aroclor 1242       | ND< 0.471          |
| Aroclor 1248       | ND< 0.471          |
| Aroclor 1254       | ND< 0.471          |
| Aroclor 1260       | ND< 0.471          |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram



## PCB Analysis Report for Soils/Solids/Sludges

Client: EnSol, Inc

|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2819    |
|                    |              | Lab Sample Number:  | 9210       |
| Client Job Number: | N/A          | Date Sampled:       | 10/15/2003 |
| Field Location:    | T-2 (0-6")   | Date Received:      | 10/16/2003 |
| Field ID Number:   | N/A          | Date Analyzed:      | 10/21/2003 |
| Sample Type:       | Soil         |                     |            |

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.448          |
| Aroclor 1221       | ND< 0.448          |
| Aroclor 1232       | ND< 0.448          |
| Aroclor 1242       | ND< 0.448          |
| Aroclor 1248       | ND< 0.448          |
| Aroclor 1254       | ND< 0.448          |
| Aroclor 1260       | ND< 0.448          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram





Client: EnSol, Inc.  
Client Job Site: 303 Woodward  
Client Job No.: N/A  
Field Location: B-1 (2-3')  
Field ID No.: N/A

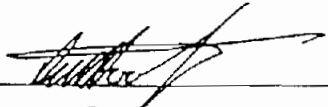
Lab Project No.: 03 2819  
Lab Sample No.: 9203  
Sample Type: Solid  
Date Sampled: 10/15/2003  
Date Received: 10/16/2003

Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 27.3           |
| Barium    | 10/22/2003    | SW846 6010        | 271            |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.65           |
| Chromium  | 10/22/2003    | SW846 6010        | 13.6           |
| Lead      | 10/22/2003    | SW846 6010        | 316            |
| Mercury   | 10/21/2003    | SW846 7471        | 0.207          |
| Selenium  | 10/22/2003    | SW846 6010        | 5.08           |
| Silver    | 10/22/2003    | SW846 6010        | <1.18          |

ELAP ID No.: 10958

Comments:

Approved By: 

Bruce Hoogesteger, Technical Director

# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

EnSol, Inc.

Lab Project No.: 03 2819

Lab Sample No.: 9204

Job Site: 303 Woodward

Sample Type: Solid

Job No.: N/A

Date Sampled: 10/15/2003

Location: B 2 (1 2')

Date Received: 10/16/2003

ID No.: N/A

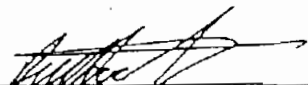
## Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 2.73           |
| Barium    | 10/22/2003    | SW846 6010        | 88.3           |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.14           |
| Chromium  | 10/22/2003    | SW846 6010        | 16.8           |
| Lead      | 10/22/2003    | SW846 6010        | 41.8           |
| Mercury   | 10/21/2003    | SW846 7471        | 0.035          |
| Selenium  | 10/22/2003    | SW846 6010        | 2.96           |
| Silver    | 10/22/2003    | SW846 6010        | <1.14          |

ELAP ID No. 10958

ments:

oved By:



Bruce Hoogesteger, Technical Director

# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

EnSol, Inc.

Lab Project No.: 03 2819

Lab Sample No.: 9205

Job Site: 303 Woodward

Sample Type: Solid

Job No.: N/A

Date Sampled: 10/15/2003

Location: B-3 (2-3')

Date Received: 10/16/2003

ID No.: N/A

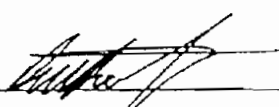
## Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 3.47           |
| Barium    | 10/22/2003    | SW846 6010        | 143            |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.42           |
| Chromium  | 10/22/2003    | SW846 6010        | 22.1           |
| Lead      | 10/22/2003    | SW846 6010        | 11.1           |
| Mercury   | 10/21/2003    | SW846 7471        | 0.035          |
| Selenium  | 10/22/2003    | SW846 6010        | 3.47           |
| Silver    | 10/22/2003    | SW846 6010        | <1.09          |

ELAP ID No. 10958

ments:

oved By:

  
Bruce Hoogesteger, Technical Director

# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

EnSol, Inc.

Lab Project No.: 03 2819

Lab Sample No.: 9206

Job Site: 303 Woodward

Sample Type: Solid

Job No.: N/A

Date Sampled: 10/15/2003

Date Received: 10/16/2003

Location: B-5 (2-3')

Job No.: N/A

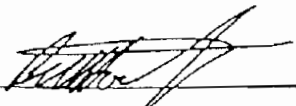
## Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 3.91           |
| Barium    | 10/22/2003    | SW846 6010        | 167            |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.54           |
| Chromium  | 10/22/2003    | SW846 6010        | 23.7           |
| Lead      | 10/22/2003    | SW846 6010        | 24.2           |
| Mercury   | 10/21/2003    | SW846 7471        | <0.022         |
| Selenium  | 10/22/2003    | SW846 6010        | 3.55           |
| Silver    | 10/22/2003    | SW846 6010        | <1.18          |

ELAP ID No. 10958

ments.

ved By:



Bruce Hoogesteger, Technical Director

# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

EnSol, Inc.

Lab Project No.: 03 2819

Lab Sample No.: 9207

Job Site: 303 Woodward

Sample Type: Solid

Job No.: N/A

Date Sampled: 10/15/2003

Location: B-6 (2-3')

Date Received: 10/16/2003

No.: N/A

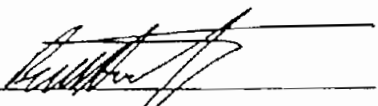
## Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 6.01           |
| Barium    | 10/22/2003    | SW846 6010        | 87.0           |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.41           |
| Chromium  | 10/22/2003    | SW846 6010        | 19.9           |
| Lead      | 10/22/2003    | SW846 6010        | 24.8           |
| Mercury   | 10/21/2003    | SW846 7471        | 0.043          |
| Selenium  | 10/22/2003    | SW846 6010        | 3.82           |
| Silver    | 10/22/2003    | SW846 6010        | <1.09          |

ELAP ID No. 10958

ents:

ed By:

  
Bruce Hoogesteger, Technical Director

# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

EnSol, Inc.

Lab Project No.: 03 2819

Lab Sample No.: 9208

Job Site: 303 Woodward

Sample Type: Solid

Job No.: N/A

Date Sampled: 10/15/2003

Location: B 7 (0-1')

Date Received: 10/16/2003

D No.: N/A

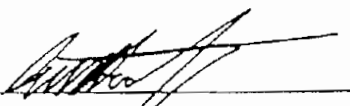
## Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 25.3           |
| Barium    | 10/22/2003    | SW846 6010        | 79.0           |
| Cadmium   | 10/22/2003    | SW846 6010        | 6.38           |
| Chromium  | 10/22/2003    | SW846 6010        | 94.3           |
| Lead      | 10/22/2003    | SW846 6010        | 265            |
| Mercury   | 10/21/2003    | SW846 7471        | 0.381          |
| Selenium  | 10/22/2003    | SW846 6010        | 15.5           |
| Silver    | 10/22/2003    | SW846 6010        | <1.14          |

ELAP ID No. 10958

nents:

oved By:



Bruce Hoogesteger, Technical Director

# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

EnSol, Inc.

Lab Project No.: 03-2819

Lab Sample No.: 9209

Job Site: 303 Woodward

Sample Type: Solid

Job No.: N/A

Date Sampled: 10/15/2003

Location: B-8 (1-2')

Date Received: 10/16/2003

D No.: N/A

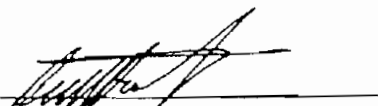
## Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/22/2003    | SW846 6010        | 3.06           |
| Barium    | 10/22/2003    | SW846 6010        | 119            |
| Cadmium   | 10/22/2003    | SW846 6010        | 1.47           |
| Chromium  | 10/22/2003    | SW846 6010        | 24.3           |
| Lead      | 10/22/2003    | SW846 6010        | 60.9           |
| Mercury   | 10/21/2003    | SW846 7471        | 0.078          |
| Selenium  | 10/22/2003    | SW846 6010        | 3.55           |
| Silver    | 10/22/2003    | SW846 6010        | <1.22          |

ELAP ID No 10958

ments:

ed By:



Bruce Hoogesteger, Technical Director

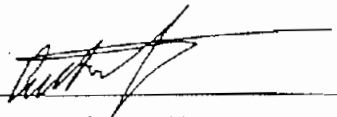
|               |                                       |                  |            |
|---------------|---------------------------------------|------------------|------------|
| Client:       | EnSol                                 | Lab Project No.: | 03-2852    |
| Ant Job Site: | 303 Woodward Ave<br>Town of Tonawanda | Lab Sample No.:  | 9377       |
| Job No.:      | N/A                                   | Sample Type:     | Solid      |
| Location:     | B-13(0-1')                            | Date Sampled:    | 10/17/2003 |
| ID No.:       | N/A                                   | Date Received:   | 10/20/2003 |

Laboratory Report for Solid Waste Analysis

| Parameter | Date Analyzed | Analytical Method | Result (mg/kg) |
|-----------|---------------|-------------------|----------------|
| Arsenic   | 10/24/2003    | SW846 6010        | 5.51           |
| Barium    | 10/24/2003    | SW846 6010        | 140            |
| Cadmium   | 10/24/2003    | SW846 6010        | 1.41           |
| Chromium  | 10/24/2003    | SW846 6010        | 29.9           |
| Lead      | 10/24/2003    | SW846 6010        | 62.4           |
| Mercury   | 10/24/2003    | SW846 7471        | <0.0172        |
| Selenium  | 10/24/2003    | SW846 6010        | 0.703          |
| Silver    | 10/24/2003    | SW846 6010        | <1.00          |

ELAP ID No: 10958

Comments:

Approved By:   
Bruce Hoogesteger, Technical Director





# PARADIGM

ENVIRONMENTAL SERVICES, INC.

119 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Ensol  
Client Job Site: 303 Woodward  
Client Job No.: 03-0037  
Field Location: F-1  
Field ID No.: N/A

Lab Project No.: 03 3173  
Lab Sample No.: 10403  
Sample Type: TCLP Extract  
Date Sampled: 11/20/2003  
Date Received: 11/20/2003

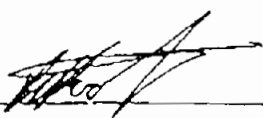
## Laboratory Report for TCLP Metals Analysis

| Parameter         | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-------------------|---------------|-------------------|---------------|-------------------------|
| TCLP Metal Series |               |                   |               |                         |
| Arsenic           | 11/21/2003    | EPA 6010          | 0.165         | 5.0                     |
| Barium            | 11/21/2003    | EPA 6010          | 0.390         | 100.0                   |
| Cadmium           | 11/21/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium          | 11/21/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead              | 11/21/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury           | 11/21/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium          | 11/21/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver            | 11/21/2003    | EPA 6010          | <0.050        | 5.0                     |
|                   |               |                   |               |                         |
|                   |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information.

File ID: 033173.xls



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 847-2530 FAX (585) 847-1311

Client: Ensol  
Client Job Site: 303 Woodward  
Client Job No.: 03-0037  
Field Location: F 2  
Field ID No.: N/A

Lab Project No.: 03 3173  
Lab Sample No.: 10404  
Sample Type: TCLP Extract  
Date Sampled: 11/20/2003  
Date Received: 11/20/2003

## Laboratory Report for TCLP Metals Analysis

| Parameter                | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|--------------------------|---------------|-------------------|---------------|-------------------------|
| <b>TCLP Metal Series</b> |               |                   |               |                         |
| Arsenic                  | 11/21/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium                   | 11/21/2003    | EPA 6010          | 0.380         | 100.0                   |
| Cadmium                  | 11/21/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium                 | 11/21/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead                     | 11/21/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury                  | 11/21/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium                 | 11/21/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver                   | 11/21/2003    | EPA 6010          | <0.050        | 5.0                     |
|                          |               |                   |               |                         |
|                          |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

Chain of Custody provides additional sample information

File ID: 033173.xls

## LABORATORY REPORT OF ANALYSIS

Client: Ensol, Inc. Lab Project No.: 03-2819  
Client Job Site: 303 Woodward Sample Type: Soil  
Analytical Method: SW 7196A  
Client Job No.: N/A  
Date Sampled: 10/15/2003  
Date Received: 10/16/2003  
Date Analyzed: 10/24/2003

| Lab Sample ID. | Field Location/<br>Sample ID. | Chromium, Hexavalent<br>Soluble (mg/kg) |
|----------------|-------------------------------|-----------------------------------------|
| 9203           | B-1 (2-3')                    | ND<0.4                                  |
| 9204           | B-2 (1-2')                    | ND<0.4                                  |
| 9205           | B-3 (2-3')                    | ND<0.4                                  |
| 9206           | B-5 (2-3')                    | ND<0.4                                  |
| 9207           | B-6 (2-3')                    | ND<0.4                                  |
| 9208           | B-7 (0-1')                    | ND<0.4                                  |
| 9209           | B-8 (1-2')                    | ND<0.4                                  |

ELAP ID No. 10709

Comments: ND denotes Non Detected.

Approved By Technical Director: \_\_\_\_\_

  
Bruce Hoogesteger

LABORATORY REPORT OF ANALYSIS

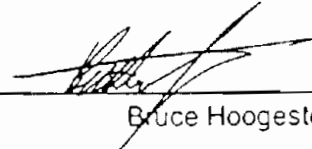
Client: Ensol, Inc. Lab Project No.: 03-2852  
Client Job Site: 303 Woodward Avenue, Tonawanda, NY Sample Type: Soil  
Analytical Method: SW 7196A  
Client Job No.: N/A  
Date Sampled: 10/17/2003  
Date Received: 10/20/2003  
Date Analyzed: 10/24/2003

| Lab Sample ID. | Field Location/<br>Sample ID. | Chromium, Hexavalent<br>Soluble (mg/kg) |
|----------------|-------------------------------|-----------------------------------------|
| 9377           | B-13 (0-1')                   | ND<0.4                                  |
|                |                               |                                         |
|                |                               |                                         |
|                |                               |                                         |
|                |                               |                                         |
|                |                               |                                         |
|                |                               |                                         |

ELAP ID No 10709

Comments: ND denotes Non Detected.

Approved By Technical Director: \_\_\_\_\_

  
Bruce Hoogesteger

PCB Analysis Report for WipesClient: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9218

Client Job Number: N/A

Field Location: W-1

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND < 1.00            |
| Aroclor 1221       | ND < 1.00            |
| Aroclor 1232       | ND < 1.00            |
| Aroclor 1242       | ND < 1.00            |
| Aroclor 1248       | ND < 1.00            |
| Aroclor 1254       | ND < 1.00            |
| Aroclor 1260       | ND < 1.00            |

ELAP Number 10958

Method: EPA 8082A

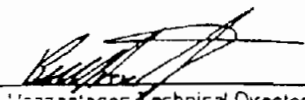
## Comments

ND denotes Non Detect

ug / Wipe = microgram per Wipe

Sample exhibited low surrogate recovery. Probably matrix interference.

Signature

  
Technical Director

# PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9219

Client Job Number: N/A

Field Location: W-2

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

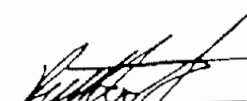
| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method EPA 8082A

Comments ND denotes Non Detect  
ug / Wipe = microgram per Wipe

Signature

  
Bruce Hoogesteger, Technical Director

PCB Analysis Report for WipesClient: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9220

Client Job Number: N/A

Field Location: W-3

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method: EPA 8082A

## Comments

ND denotes Non Detect

ug / Wipe = microgram per Wipe

Sample exhibited low surrogate recovery. Probably matrix interference

Signature, \_\_\_\_\_

  
\_\_\_\_\_  
Technical Director

PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9222

Client Job Number: N/A

Field Location: W-5

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

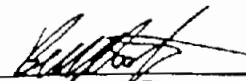
| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe  
Sample exhibited low surrogate recovery. Probably matrix interference

Signature

  
Bruce Hoogesteger, Technical Director



## PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9223

Client Job Number: N/A

Field Location: W-6

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | 5.56                 |

ELAP Number 10958

Method EPA 8082A

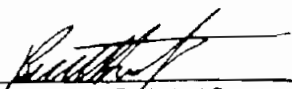
Comments

ND denotes Non Detect

ug / Wipe = microgram per Wipe

Sample exhibited low surrogate recovery. Probably matrix interference

Signature:



## PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9224

Client Job Number: N/A

Field Location: W-7

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe  
Sample exhibited low surrogate recovery. Probably matrix interference

Signature:

  
\_\_\_\_\_  
Technical Director

## PCB Analysis Report for Wipes

Client: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-2821

Lab Sample Number: 9225

Client Job Number: N/A

Field Location: W-8

Date Sampled: 08/15/2003

Field ID Number: N/A

Date Received: 10/16/2003

Sample Type: Wipe

Date Analyzed: 10/23/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method: EPA 8082A

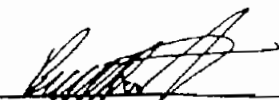
Comments

ND denotes Non Detect

ug / Wipe = microgram per Wipe

Sample exhibited low surrogate recovery. Probably matrix interference

Signature:

  
Bruce Homelander, Technical Director

## PCB Analysis Report for Wipes

Client: EnSol

|                    |              |                     |            |
|--------------------|--------------|---------------------|------------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 03-2821    |
|                    |              | Lab Sample Number:  | 9226       |
| Client Job Number: | N/A          | Date Sampled:       | 08/15/2003 |
| Field Location:    | W-9          | Date Received:      | 10/16/2003 |
| Field ID Number:   | N/A          | Date Analyzed:      | 10/23/2003 |
| Sample Type:       | Wipe         |                     |            |

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method: EPA 8082A

Comments ND denotes Non Detect  
 ug / Wipe = microgram per Wipe  
 Sample exhibited low surrogate recovery. Probably matrix interference

Signature:

  
 Bruce Hesterman, Technical Director

PCB Analysis Report for Oils

Client: EnSol

|                    |                   |                     |            |
|--------------------|-------------------|---------------------|------------|
| Client Job Site:   | 303 Woodward Ave  | Lab Project Number: | 03-2852    |
|                    | Town of Tonawanda | Lab Sample Number:  | 9365       |
| Client Job Number: | N/A               |                     |            |
| Field Location:    | T-1               | Date Sampled:       | 10/15/2003 |
| Field ID Number:   | N/A               | Date Received:      | 10/20/2003 |
| Sample Type:       | Oil               | Date Analyzed:      | 10/27/2003 |

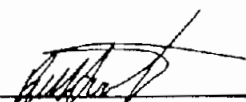
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 50.8           |
| Aroclor 1221       | ND< 50.8           |
| Aroclor 1232       | ND< 50.8           |
| Aroclor 1242       | ND< 50.8           |
| Aroclor 1248       | ND< 50.8           |
| Aroclor 1254       | ND< 50.8           |
| Aroclor 1260       | 327                |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Homestaker, Technical Director



179 Lake Avenue Rochester, New York 14605 (585) 647-2530 FAX (585) 647-3311

PCB Analysis Report for OilsClient: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Client Job Number: 03-0037

Lab Sample Number: 10276

Field Location: T-2

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Oil

Date Analyzed: 11/20/2003

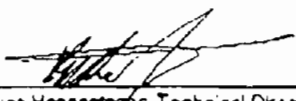
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.971          |
| Aroclor 1221       | ND< 0.971          |
| Aroclor 1232       | ND< 0.971          |
| Aroclor 1242       | ND< 0.971          |
| Aroclor 1248       | ND< 0.971          |
| Aroclor 1254       | ND< 0.971          |
| Aroclor 1260       | ND< 0.971          |

ELAP Number 10858

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Hoogesteger Technical Director



179 Lake Avenue Rochester, New York 14608 (585) 647-2530 FAX (585) 647-3311

PCB Analysis Report for WipesClient: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Client Job Number: 03-0037

Lab Sample Number: 10281

Field Location: W-T-13

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Wipe

Date Analyzed: 11/24/2003

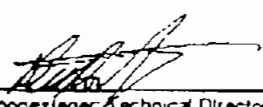
| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1016       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method, EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe.

Signature

  
Bruce Hoogesteger Technical Director

## PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852  
Lab Sample Number: 9369

Client Job Number: N/A

Field Location: T-14

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/23/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND < 1.00          |
| Aroclor 1221       | ND < 1.00          |
| Aroclor 1232       | ND < 1.00          |
| Aroclor 1242       | ND < 1.00          |
| Aroclor 1248       | ND < 1.00          |
| Aroclor 1254       | ND < 1.00          |
| Aroclor 1250       | ND < 1.00          |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
\_\_\_\_\_  
Paradigm Environmental Services, Inc. Technical Director



## PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9370

Client Job Number: N/A

Field Location: T-15

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/23/2003

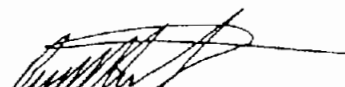
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.977          |
| Aroclor 1221       | ND< 0.977          |
| Aroclor 1232       | ND< 0.977          |
| Aroclor 1242       | ND< 0.977          |
| Aroclor 1248       | ND< 0.977          |
| Aroclor 1254       | ND< 0.977          |
| Aroclor 1260       | ND< 0.977          |

ELAP Number 10958

Method EPA 8082A

Comments ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature,

  
Bruce Homestender, Technical Director

## PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9371

Client Job Number: N/A

Field Location: T-16

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

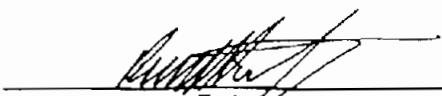
Date Analyzed: 10/23/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND < 1.01          |
| Aroclor 1221       | ND < 1.01          |
| Aroclor 1232       | ND < 1.01          |
| Aroclor 1242       | ND < 1.01          |
| Aroclor 1248       | ND < 1.01          |
| Aroclor 1254       | ND < 1.01          |
| Aroclor 1260       | ND < 1.01          |

ELAP Number 10958

Method: EPA 8082A

Comments ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature: 

## PCB Analysis Report for Oils

Client: EnSol

|                    |                   |                     |            |
|--------------------|-------------------|---------------------|------------|
| Client Job Site:   | 303 Woodward Ave  | Lab Project Number: | 03-2852    |
|                    | Town of Tonawanda | Lab Sample Number:  | 9372       |
| Client Job Number: | N/A               |                     |            |
| Field Location:    | T-17              | Date Sampled:       | 10/17/2003 |
| Field ID Number:   | N/A               | Date Received:      | 10/20/2003 |
| Sample Type:       | Oil               | Date Analyzed:      | 10/23/2003 |

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.963          |
| Aroclor 1221       | ND< 0.963          |
| Aroclor 1232       | ND< 0.963          |
| Aroclor 1242       | ND< 0.963          |
| Aroclor 1248       | ND< 0.963          |
| Aroclor 1254       | ND< 0.963          |
| Aroclor 1260       | ND< 0.963          |

ELAP Number 10958

Method: EPA 8082A

Comments ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature.

  
Bruce Hoodsteger, Technical Director

## PCB Analysis Report for Oils

Client: EnSol

|                    |                   |                     |            |
|--------------------|-------------------|---------------------|------------|
| Client Job Site:   | 303 Woodward Ave  | Lab Project Number: | 03-2852    |
|                    | Town of Tonawanda | Lab Sample Number:  | 9373       |
| Client Job Number: | N/A               |                     |            |
| Field Location:    | T-18              | Date Sampled:       | 10/17/2003 |
| Field ID Number:   | N/A               | Date Received:      | 10/20/2003 |
| Sample Type:       | Oil               | Date Analyzed:      | 10/23/2003 |

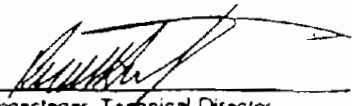
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.994          |
| Aroclor 1221       | ND< 0.994          |
| Aroclor 1232       | ND< 0.994          |
| Aroclor 1242       | ND< 0.994          |
| Aroclor 1248       | ND< 0.994          |
| Aroclor 1254       | ND< 0.994          |
| Aroclor 1260       | ND< 0.994          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoochesteader Technical Director

PCB Analysis Report for Oils

Client: EnSol

|                    |                                       |                     |            |
|--------------------|---------------------------------------|---------------------|------------|
| Client Job Site:   | 303 Woodward Ave<br>Town of Tonawanda | Lab Project Number: | 03-2852    |
| Client Job Number: | N/A                                   | Lab Sample Number:  | 9374       |
| Field Location:    | T-19                                  | Date Sampled:       | 10/17/2003 |
| Field ID Number:   | N/A                                   | Date Received:      | 10/20/2003 |
| Sample Type:       | Oil                                   | Date Analyzed:      | 10/23/2003 |

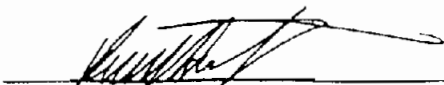
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.947          |
| Aroclor 1221       | ND< 0.947          |
| Aroclor 1232       | ND< 0.947          |
| Aroclor 1242       | ND< 0.947          |
| Aroclor 1248       | ND< 0.947          |
| Aroclor 1254       | ND< 0.947          |
| Aroclor 1260       | ND< 0.947          |

ELAP Number 10958

Method: EPA 8082A

Comments ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Homestead, Technical Director

## PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9375

Client Job Number: N/A

Field Location: T-20

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/27/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 9.67           |
| Aroclor 1221       | ND< 9.67           |
| Aroclor 1232       | ND< 9.67           |
| Aroclor 1242       | ND< 9.67           |
| Aroclor 1248       | ND< 9.67           |
| Aroclor 1254       | ND< 9.67           |
| Aroclor 1260       | ND< 9.67           |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram  
Detection Limit elevated due to non-target compounds

Signature:

  
Bruce Homestener, Technical Director

## PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9376

Client Job Number: N/A

Field Location: T-21

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

Date Analyzed: 10/23/2003

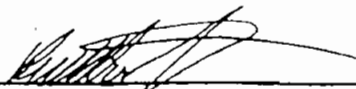
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 1.02           |
| Aroclor 1221       | ND< 1.02           |
| Aroclor 1232       | ND< 1.02           |
| Aroclor 1242       | ND< 1.02           |
| Aroclor 1248       | ND< 1.02           |
| Aroclor 1254       | ND< 1.02           |
| Aroclor 1260       | ND< 1.02           |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Homestetter, Technical Director

PCB Analysis Report for Oils

Client: Environmental Services Group

|                    |                  |                     |            |
|--------------------|------------------|---------------------|------------|
| Client Job Site:   | 303 Woodward Ave | Lab Project Number: | 03-2946    |
|                    |                  | Lab Sample Number:  | 9734       |
| Client Job Number: | 03-0037          |                     |            |
| Field Location:    | T-22             | Date Sampled:       | 10/29/2003 |
| Field ID Number:   | N/A              | Date Received:      | 10/30/2003 |
| Sample Type:       | Oil              | Date Analyzed:      | 11/04/2003 |

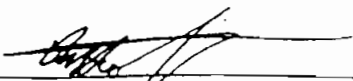
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 1.01           |
| Aroclor 1221       | ND< 1.01           |
| Aroclor 1232       | ND< 1.01           |
| Aroclor 1242       | ND< 1.01           |
| Aroclor 1248       | ND< 1.01           |
| Aroclor 1254       | ND< 1.01           |
| Aroclor 1260       | ND< 1.01           |

ELAP Number 10958

Method EPA 8082A

Comments. ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Homestead, Technical Director



PCB Analysis Report for Oils

Client: Environmental Services Group

Client Job Site: 303 Woodward Ave

Lab Project Number: 03-2946

Lab Sample Number: 9735

Client Job Number: 03-0037

Field Location: T-23

Date Sampled: 10/29/2003

Field ID Number: N/A

Date Received: 10/30/2003

Sample Type: Oil

Date Analyzed: 11/04/2003

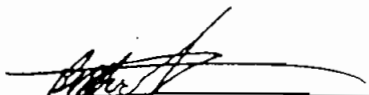
| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND < 0.931         |
| Aroclor 1221       | ND < 0.931         |
| Aroclor 1232       | ND < 0.931         |
| Aroclor 1242       | ND < 0.931         |
| Aroclor 1248       | ND < 0.931         |
| Aroclor 1254       | ND < 0.931         |
| Aroclor 1260       | ND < 0.931         |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Technical Director

NOV 17 2003

NOV

NOV



179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Environmental Services Group Lab Project No.: 03-2946  
 Client Job Site: 303 Woodward Ave Lab Sample No.: 9728  
 Client Job No.: 03-0037 Sample Type: TCLP Extract  
 Field Location: D-1 Date Sampled: 10/29/2003  
 Field ID No.: N/A Date Received: 10/30/2003

## Laboratory Report for TCLP Metals Analysis

| Parameter         | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-------------------|---------------|-------------------|---------------|-------------------------|
| TCLP Metal Series |               |                   |               |                         |
| Arsenic           | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium            | 11/03/2003    | EPA 6010          | 0.155         | 100.0                   |
| Cadmium           | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium          | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead              | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury           | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium          | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver            | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                   |               |                   |               |                         |
|                   |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By: \_\_\_\_\_

Bruce Hoogesteger, Technical Director



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Environmental Services Group Lab Project No.: 03-2946  
Client Job Site: 303 Woodward Ave Lab Sample No.: 9729  
Client Job No.: 03-0037 Sample Type: TCLP Extract  
Field Location: D-2 Date Sampled: 10/29/2003  
Field ID No.: N/A Date Received: 10/30/2003

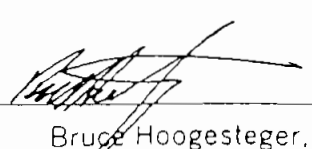
## Laboratory Report for TCLP Metals Analysis

| Parameter         | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-------------------|---------------|-------------------|---------------|-------------------------|
| TCLP Metal Series |               |                   |               |                         |
| Arsenic           | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium            | 11/03/2003    | EPA 6010          | 0.315         | 100.0                   |
| Cadmium           | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium          | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead              | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury           | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium          | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver            | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                   |               |                   |               |                         |
|                   |               |                   |               |                         |

ELAP ID No. 10958

Comments

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Environmental Services Group

Lab Project No.: 03-2946

Lab Sample No.: 9730

Client Job Site: 303 Woodward Ave

Sample Type: TCLP Extract

Client Job No.: 03-0037

Date Sampled: 10/29/2003

Field Location: D-3

Date Received: 10/30/2003

Field ID No.: N/A

## Laboratory Report for TCLP Metals Analysis

| Parameter       | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-----------------|---------------|-------------------|---------------|-------------------------|
| LP Metal Series |               |                   |               |                         |
| Arsenic         | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium          | 11/03/2003    | EPA 6010          | 0.365         | 100.0                   |
| Cadmium         | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium        | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead            | 11/03/2003    | EPA 6010          | 0.710         | 5.0                     |
| Mercury         | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium        | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver          | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                 |               |                   |               |                         |
|                 |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By:

Bruce Hoogesteger, Technical Director



# PARADIGM

ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue, Rochester, NY 14608 (585) 647-2530 FAX (585) 647-3311

Client: Environmental Services Group

Lab Project No.: 03-2946

Client Job Site: 303 Woodward Ave.

Lab Sample No.: 9731

Client Job No.: 03-0037

Sample Type: TCLP Extract

Field Location: D-4

Date Sampled: 10/29/2003

Field ID No.: N/A

Date Received: 10/30/2003

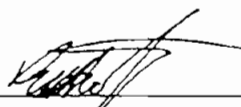
## Laboratory Report for TCLP Metals Analysis

| Parameter                | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|--------------------------|---------------|-------------------|---------------|-------------------------|
| <u>TCLP Metal Series</u> |               |                   |               |                         |
| Arsenic                  | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium                   | 11/03/2003    | EPA 6010          | 0.190         | 100.0                   |
| Cadmium                  | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium                 | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead                     | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury                  | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium                 | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver                   | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                          |               |                   |               |                         |
|                          |               |                   |               |                         |

ELAP ID No.: 10958

Comments:

Approved By: \_\_\_\_\_

  
Bruce Hoogesteger, Technical Director

ELAP ID 032946.xls

Client: Environmental Services Group

Lab Project No.: 03-2946

Job Site: 303 Woodward Ave

Lab Sample No.: 9732

Job No.: 03-0037

Sample Type: TCLP Extract

Location: D-5

Date Sampled: 10/29/2003

ID No.: N/A

Date Received: 10/30/2003

## Laboratory Report for TCLP Metals Analysis

| Parameter           | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|---------------------|---------------|-------------------|---------------|-------------------------|
| <u>Metal Series</u> |               |                   |               |                         |
| Asenic              | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium              | 11/03/2003    | EPA 6010          | 0.135         | 100.0                   |
| Cadmium             | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium            | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Copper              | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury             | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Manganese           | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Nickel              | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                     |               |                   |               |                         |
|                     |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By:



Bruce Hoogesteger, Technical Director

## PCB Analysis Report for Oils

Client: EnSol

|                    |                   |                     |            |
|--------------------|-------------------|---------------------|------------|
| Client Job Site:   | 303 Woodward Ave  | Lab Project Number: | 03-2852    |
|                    | Town of Tonawanda | Lab Sample Number:  | 9366       |
| Client Job Number: | N/A               |                     |            |
| Field Location:    | T-3               | Date Sampled:       | 10/15/2003 |
| Field ID Number:   | N/A               | Date Received:      | 10/20/2003 |
| Sample Type:       | Oil               | Date Analyzed:      | 10/23/2003 |

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.982          |
| Aroclor 1221       | ND< 0.982          |
| Aroclor 1232       | ND< 0.982          |
| Aroclor 1242       | ND< 0.982          |
| Aroclor 1248       | ND< 0.982          |
| Aroclor 1254       | ND< 0.982          |
| Aroclor 1260       | ND< 0.982          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

## PCB Analysis Report for Oils

Client: EnSol

Client Job Site: 303 Woodward Ave  
Town of Tonawanda

Lab Project Number: 03-2852

Lab Sample Number: 9367

Client Job Number: N/A

Field Location: T-6

Date Sampled: 10/17/2003

Field ID Number: N/A

Date Received: 10/20/2003

Sample Type: Oil

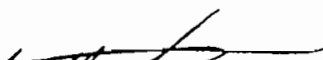
Date Analyzed: 10/23/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.982          |
| Aroclor 1221       | ND< 0.982          |
| Aroclor 1232       | ND< 0.982          |
| Aroclor 1242       | ND< 0.982          |
| Aroclor 1248       | ND< 0.982          |
| Aroclor 1254       | ND< 0.982          |
| Aroclor 1260       | 2.93               |

ELAP Number 10958

Method, EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram







179 Lake Avenue Rochester, New York 14608 (585) 647-2500 FAX (585) 647-3311

PCB Analysis Report for OilsClient: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Client Job Number: 03-0037

Lab Sample Number: 10277

Field Location: T-7

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Oil

Date Analyzed: 11/20/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 1.00           |
| Aroclor 1221       | ND< 1.00           |
| Aroclor 1232       | ND< 1.00           |
| Aroclor 1242       | ND< 1.00           |
| Aroclor 1248       | ND< 1.00           |
| Aroclor 1254       | ND< 1.00           |
| Aroclor 1260       | ND< 1.00           |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger, Technical Director



179 Lake Avenue Rochester, New York 14608 (585) 647-2530 FAX (585) 647-3311

PCB Analysis Report for OilsClient: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Client Job Number: 03-0037

Lab Sample Number: 10278

Field Location: T-8

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Oil

Date Analyzed: 11/20/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND< 0.960          |
| Aroclor 1221       | ND< 0.960          |
| Aroclor 1232       | ND< 0.960          |
| Aroclor 1242       | ND< 0.960          |
| Aroclor 1248       | ND< 0.960          |
| Aroclor 1254       | ND< 0.960          |
| Aroclor 1260       | ND< 0.960          |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature

  
Bruce Hoogesteger: Technical Director



179 Lake Avenue Rochester, New York 14608 (585) 647-2530 FAX (585) 647-3311

PCB Analysis Report for OilsClient: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Client Job Number: 03-0037

Lab Sample Number: 10279

Field Location: T-9

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Oil

Date Analyzed: 11/20/2003

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND < 0.967         |
| Aroclor 1221       | ND < 0.967         |
| Aroclor 1232       | ND < 0.967         |
| Aroclor 1242       | ND < 0.967         |
| Aroclor 1248       | ND < 0.967         |
| Aroclor 1254       | ND < 0.967         |
| Aroclor 1260       | ND < 0.967         |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram

Signature:

  
Bruce Hoogesteger: Technical Director

## PCB Analysis Report for Oils

Client: EnSol

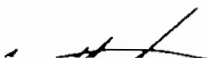
|                    |                   |                     |            |
|--------------------|-------------------|---------------------|------------|
| Client Job Site:   | 303 Woodward Ave  | Lab Project Number: | 03-2852    |
|                    | Town of Tonawanda | Lab Sample Number:  | 9368       |
| Client Job Number: | N/A               |                     |            |
| Field Location:    | T-10              | Date Sampled:       | 10/17/2003 |
| Field ID Number:   | N/A               | Date Received:      | 10/20/2003 |
| Sample Type:       | Oil               | Date Analyzed:      | 10/23/2003 |

| PCB Identification | Results in mg / Kg |
|--------------------|--------------------|
| Aroclor 1016       | ND < 0.975         |
| Aroclor 1221       | ND < 0.975         |
| Aroclor 1232       | ND < 0.975         |
| Aroclor 1242       | ND < 0.975         |
| Aroclor 1248       | ND < 0.975         |
| Aroclor 1254       | ND < 0.975         |
| Aroclor 1260       | ND < 0.975         |

ELAP Number 10958

Method EPA 8082A

Comments: ND denotes Non Detect  
mg / Kg = milligram per Kilogram





179 Lake Avenue Rochester, New York 14608 (585) 647-2530 FAX (585) 647-3311

PCB Analysis Report for WipesClient: EnSol

Client Job Site: 303 Woodward

Lab Project Number: 03-3134

Client Job Number: 03-0037

Lab Sample Number: 10280

Field Location: W-T-12

Date Sampled: 11/17/2003

Field ID Number: N/A

Date Received: 11/18/2003

Sample Type: Wipe

Date Analyzed: 11/24/2003

| PCB Identification | Results in ug / Wipe |
|--------------------|----------------------|
| Aroclor 1018       | ND< 1.00             |
| Aroclor 1221       | ND< 1.00             |
| Aroclor 1232       | ND< 1.00             |
| Aroclor 1242       | ND< 1.00             |
| Aroclor 1248       | ND< 1.00             |
| Aroclor 1254       | ND< 1.00             |
| Aroclor 1260       | ND< 1.00             |

ELAP Number 10958

Method: EPA 8082A

Comments: ND denotes Non Detect  
ug / Wipe = microgram per Wipe

Signature:

  
Bruce Hoogesteger, Technical Director

Environmental Services Group

Lab Project No.: 03-2946

Lab Sample No.: 9732

Job Site: 303 Woodward Ave.

Sample Type: TCLP Extract

Job No.: 03-0037

Date Sampled: 10/29/2003

Date Received: 10/30/2003

Location: D-5

IGTD No.: N/A

Laboratory Report for TCLP Metals Analysis

| Parameter    | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|--------------|---------------|-------------------|---------------|-------------------------|
| Metal Series |               |                   |               |                         |
| Asbestos     | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium       | 11/03/2003    | EPA 6010          | 0.135         | 100.0                   |
| Bismuth      | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium     | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Cadmium      | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Mercury      | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium     | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Lead         | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|              |               |                   |               |                         |
|              |               |                   |               |                         |

ELAP ID No. 10958

Comments

Reviewed By:

Bruce Hoogesteger, Technical Director

Client: Environmental Services Group

Lab Project No.: 03-2946

Client Job Site: 303 Woodward Ave

Lab Sample No.: 9733

Client Job No.: 03-0037

Sample Type: TCLP Extract

Field Location: D-6

Date Sampled: 10/29/2003

Field ID No.: N/A

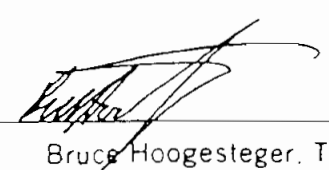
Date Received: 10/30/2003

## Laboratory Report for TCLP Metals Analysis

| Parameter             | Date Analyzed | Analytical Method | Result (mg/L) | Regulatory Limit (mg/L) |
|-----------------------|---------------|-------------------|---------------|-------------------------|
| <b>P Metal Series</b> |               |                   |               |                         |
| Arsenic               | 11/03/2003    | EPA 6010          | <0.100        | 5.0                     |
| Barium                | 11/03/2003    | EPA 6010          | 0.195         | 100.0                   |
| Cadmium               | 11/03/2003    | EPA 6010          | <0.025        | 1.0                     |
| Chromium              | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
| Lead                  | 11/03/2003    | EPA 6010          | 0.950         | 5.0                     |
| Mercury               | 11/03/2003    | EPA 7470          | <0.0020       | 0.2                     |
| Selenium              | 11/03/2003    | EPA 6010          | <0.100        | 1.0                     |
| Silver                | 11/03/2003    | EPA 6010          | <0.050        | 5.0                     |
|                       |               |                   |               |                         |
|                       |               |                   |               |                         |

ELAP ID No. 10958

Comments:

Approved By:   
Bruce Hoogesteger, Technical Director

## Attachment 2

## Clean Harbors Disposal Receipts



P.O. Box 3442, Boston, MA 02241-3442

James Jones  
 Tonawanda Town of  
 Room 20 Municipal Building  
 2919 Delaware Avenue  
 Kenmore, NY 14217

## INVOICE

OFFICE

PAGE: 1

Clean Harbors Env. Services  
 1501 Washington Street  
 P.O. Box 859048  
 Braintree, MA 02165-9048  
 (800) 444-4244

If you have any questions regarding this invoice, please contact your  
 customer service representative at the telephone # listed above.

Excelsior Steel Ball Co  
 303 Woodward Avenue  
 Tonawanda, NY 14150

Job Description: Clean Pack

| CUSTOMER      | JOB NO.   | PURCHASE ORDER NO.                 | SALESMAN  | TERMS       | INVOICE DATE | INVOICE NO. |
|---------------|-----------|------------------------------------|-----------|-------------|--------------|-------------|
| 00414         | C2695242  | 00350243-00                        | Vandemark | NET 15 DAYS | 11/18/03     | C20315821   |
| QUANTITY      | ITEM I.D. | DESCRIPTION                        | PRICE     | U/M         | AMOUNT       |             |
| 17-Nov-2003   |           |                                    |           |             |              |             |
| 9.00          | CH        | Chemist                            | 45.000    | HR          | 405.00       |             |
| 9.00          | CH        | Chemist                            | 45.000    | HR          | 405.00       |             |
| 4108.27       | RECOVERY  | Recovery Fee (Energy & Security)   | 0.040     | EA          | 164.33       |             |
| 3.00          | MATERIAL  | Misc. Materials                    | 100.000   | EA          | 300.00       |             |
|               |           | 3x85DM                             |           |             |              |             |
| 1.00          | MATERIAL  | Misc. Materials                    | 10.000    | EA          | 10.00        |             |
|               |           | 1x5DM                              |           |             |              |             |
| 1.00          | MATERIAL  | Misc. Materials                    | 35.000    | EA          | 35.00        |             |
|               |           | 1x55DM                             |           |             |              |             |
| 1.00          | MATERIAL  | Misc. Materials                    | 100.000   | EA          | 100.00       |             |
|               |           | 1xFlexbin                          |           |             |              |             |
| 4.00          | MATERIAL  | Misc. Materials                    | 50.000    | EA          | 200.00       |             |
|               |           | Safety Equipment                   |           |             |              |             |
| 18-Nov-2003   |           |                                    |           |             |              |             |
| 6.50          | CH        | Chemist                            | 45.000    | HR          | 292.50       |             |
| 6.50          | CH        | Chemist                            | 45.000    | HR          | 292.50       |             |
| 1.00          | LCCRQ     | AEROSOLS FOR INCINERATION          | 100.000   | QSDP        | 100.00       |             |
|               |           | NYH2719332 / 11A                   |           |             |              |             |
| 11.00         | FEE       | North Carolina Hazardous Waste Fee | 0.002     | F           | 0.02         |             |
| 1.00          | LCCR      | LAB PACKS FOR INCINERATION         | 290.000   | SSDM        | 290.00       |             |
|               |           | NYH2719332 / 11B                   |           |             |              |             |
| 5.00          | LCY1      | PROPANE FOR RECYCLING              | 75.000    | CYME        | 375.00       |             |
|               |           | NYH2719332 / 11C                   |           |             |              |             |
| 125.00        | FEE       | North Carolina Hazardous Waste Fee | 0.002     | F           | 0.25         |             |
| 3.00          | CH223276  | Oil/Water mix                      | 116.000   | SSDM        | 348.00       |             |
|               |           | NYH2719332 / 11D                   |           |             |              |             |
| 4.00          | CH223276  | Oil/Water mix                      | 80.000    | SSDM        | 320.00       |             |
|               |           | NYH2719332 / 11D                   |           |             |              |             |
| SUBTOTAL      |           |                                    |           |             |              |             |
| SALES TAX     |           |                                    |           |             |              |             |
| INVOICE TOTAL |           |                                    |           |             |              |             |

PLEASE RETURN COPY OF INVOICE WITH PAYMENT - THANK YOU



### **Attachment 3**

Excavation of UTSs and Contaminated Soil report for 303 Woodward Ave.,  
dated February 3, 2004 prepared by EnSol, Inc.

February 3, 2004

Kevin Glazer  
New York State Department of Environmental Conservation - Region 9  
Spills Division  
270 Michigan Avenue  
Buffalo, NY 14203

Re: **EXCAVATION OF USTs AND CONTAMINATED SOIL**  
303 Woodward Avenue, Tonawanda, NY  
Spill No. 0375414  
ESG PN Q12833 / EnSol PN 00-0035

Dear Mr. Glazer,

The following has been prepared to address the sampling in the area of the removed USTs and excavation of petroleum-contaminated material from 303 Woodward Ave. in Tonawanda, New York. The following attachments are provided in support of this report:

- Drawing 1 Site Excavation Sketch and Sample Locations
- Attachment 1 Analytical Data
- Attachment 2 Waste Manifests
- Attachment 3 Town of Tonawanda Industrial Sewer Connection Permit
- Attachment 4 NYSDEC Emergency Waste Transporter Permit

Environmental Service Group (ESG) was contracted by the Town of Tonawanda, the property owner, to excavate one 5,000-gallon UST, one 8,000-gallon UST, and one 500-gallon AST. All tanks were cut, cleaned and transported to a metal recycler. Tank bottoms were drummed and scheduled for transportation and disposal. In addition, the piping was cleaned and removed.

Contaminated soil was found in the tank area and was subsequently excavated. The excavated material was screened using a PID until readings were below 25 ppm or until further excavation would not be possible due to property limits or underground utilities. The excavation was then sampled. A total of 5 samples were collected in the area: 4 sidewall composite samples (north, south, east, and west) and one floor composite sample. All samples were screened with a PID for volatile compounds for headspace analysis. The 4-sidewall samples were collected at a depth of approximately three to seven feet below ground surface. The floor samples were collected at a depth of approximately eight to ten feet. All confirmatory soil samples were analyzed for NYSDEC STARS parameters for volatile and semi-volatile compounds. A copy of the confirmatory soil excavation analysis is included as Attachment 1.

A total of approximately 570 tons (by truck count) of contaminated soils were sent to the Town of Tonawanda Landfill for disposal. Copies of the waste disposal manifests are included as Attachment 2. To control groundwater in the area, an Industrial Sewer Connection Permit from the Town of Tonawanda Sewer Authority was obtained to allow

December 30, 2003

John Otto

Page 2 of 2

discharge to the sanitary sewer (Attachment 3). An NYSDEC Emergency Waste Transporter Permit was issued to the Town of Tonawanda for four trucks to be permitted to transport the contaminated soil to the Town of Tonawanda Landfill (Attachment 3).

All sample results met TAGM 4046 cleanup levels. Based on the analytical results, EnSol is satisfied that contaminated material was removed to the furthest extent practicable.

The results of sampling confirm that the excavation has been remediated sufficiently to warrant a "closed" status by NYSDEC.

Based on the discussion above, no further action is recommended. EnSol requests that NYSDEC give the site a "closed" status. Call me if you have any questions.

Sincerely,

**EnSol, Inc.**

Peter Carmina  
Scientist

Cc: S. Calandra - NYSDEC  
J. Jones – Town of Tonawanda  
J. Battaglia - EnSol Inc.

# Drawing 1

## Site Excavation Sketch and Sample Locations

BY PSK DATE 1/29/04



**EnSol, Inc.**

Environmental Solutions

452 3rd Street • Niagara Falls, NY 14301

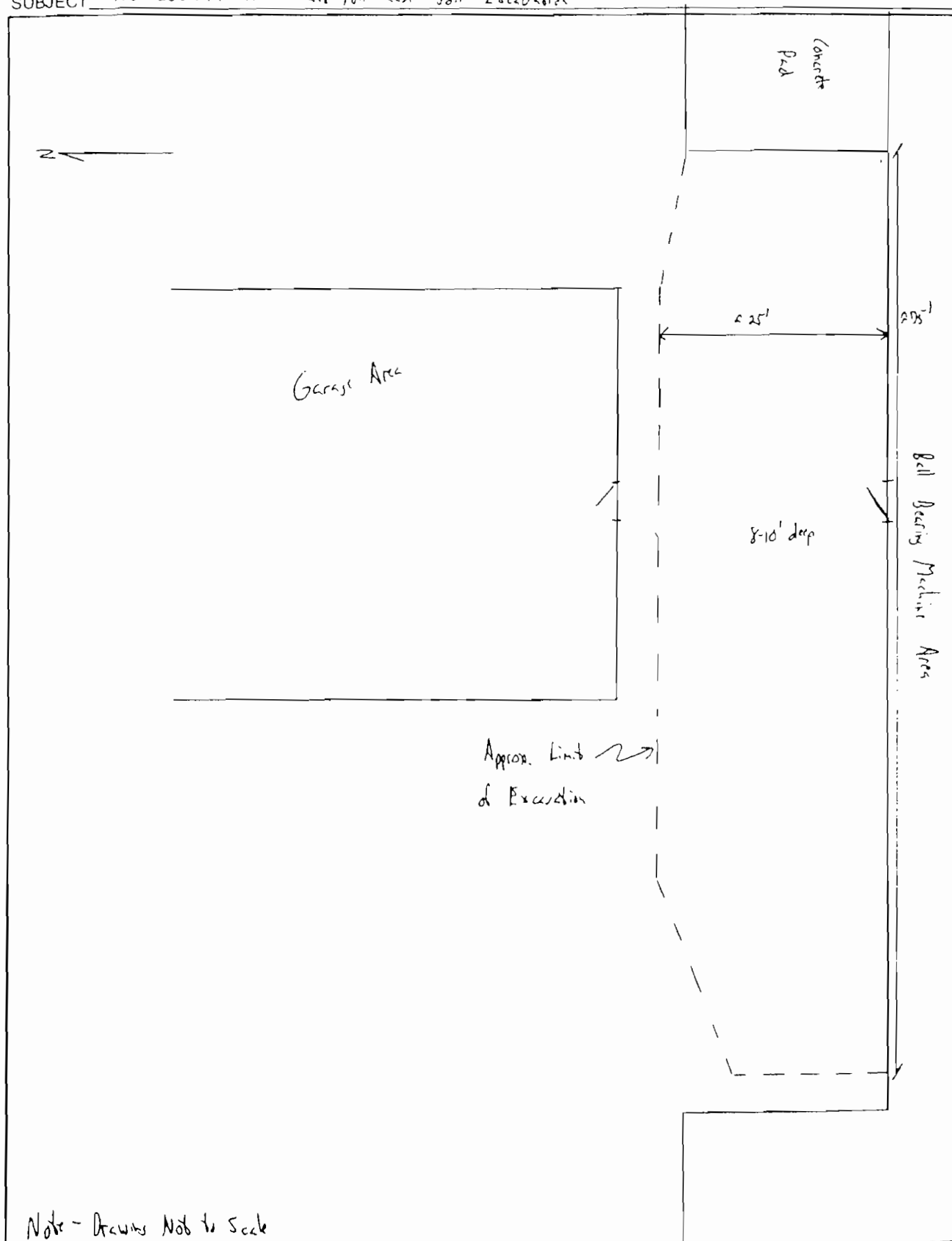
PH 716 285 3920 • FX 716 285 3928

JOB NO Q12833

CHKD. BY \_\_\_\_\_ DATE \_\_\_\_\_

SHEET NO 1 OF 1

SUBJECT 303 Uxwell Ave - Tank Pull and Soil Excavation



Note - Drawings Not to Scale

# **Attachment 1**

## **Analytical Data**

**Volatile STARS Analysis Report for Soils/Solids/Sludges**

Client: **Environmental Service Group**

Client Job Site: 303 Woodward

Lab Project Number: 04-0201

Client Job Number: Q12833

Lab Sample Number: 1319

Field Location: Floor

Date Sampled: 1/13/04

Field ID Number: N/A

Date Received: 1/15/04

Sample Type: Soil

Date Analyzed: 1/16/04

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 9.16           |
| n-Butylbenzene          | ND< 9.16           |
| sec-Butylbenzene        | ND< 9.16           |
| tert-Butylbenzene       | ND< 9.16           |
| Ethylbenzene            | ND< 9.16           |
| n-Propylbenzene         | ND< 9.16           |
| Isopropylbenzene        | ND< 9.16           |
| p-Isopropyltoluene      | ND< 9.16           |
| Naphthalene             | ND< 22.9           |
| Toluene                 | ND< 9.16           |
| 1,2,4-Trimethylbenzene  | ND< 9.16           |
| 1,3,5-Trimethylbenzene  | ND< 9.16           |
| m,p-Xylene              | ND< 9.16           |
| o-Xylene                | ND< 9.16           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 9.16           |

ELAP Number 10958

Method: EPA 8021B (GC/MS)

Data File: 18487.D

Comments: ND denotes Non Detected  
ug / Kg = microgram per Kilogram

**Volatile STARS Analysis Report for Soils/Solids/Sludges**

Client: Environmental Service Group

|                    |              |                     |         |
|--------------------|--------------|---------------------|---------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 04-0201 |
| Client Job Number: | Q12833       | Lab Sample Number:  | 1320    |
| Field Location:    | SW-S         | Date Sampled:       | 1/13/04 |
| Field ID Number:   | N/A          | Date Received:      | 1/15/04 |
| Sample Type:       | Soil         | Date Analyzed:      | 1/16/04 |

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 8.05           |
| n-Butylbenzene          | ND< 8.05           |
| sec-Butylbenzene        | ND< 8.05           |
| tert-Butylbenzene       | ND< 8.05           |
| Ethylbenzene            | ND< 8.05           |
| n-Propylbenzene         | ND< 8.05           |
| Isopropylbenzene        | ND< 8.05           |
| p-Isopropyltoluene      | ND< 8.05           |
| Naphthalene             | ND< 20.1           |
| Toluene                 | ND< 8.05           |
| 1,2,4-Trimethylbenzene  | ND< 8.05           |
| 1,3,5-Trimethylbenzene  | ND< 8.05           |
| m,p-Xylene              | ND< 8.05           |
| o-Xylene                | ND< 8.05           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 8.05           |

ELAP Number 10958 Method: EPA 8021B (GC/MS) Data File: 18488.D

Comments ND denotes Non Detect  
ug / Kg = microgram per Kilogram



**Volatile STARS Analysis Report for Soils/Solids/Sludges**

Client: **Environmental Service Group**

Client Job Site: 303 Woodward

Lab Project Number: 04-0201

Lab Sample Number: 1321

Client Job Number: Q12833

Field Location: SW-N

Date Sampled: 1/13/04

Field ID Number: N/A

Date Received: 1/15/04

Sample Type: Soil

Date Analyzed: 1/16/04

TAG#  
4046

| Aromatics               | Results in ug / Kg | Limit      |
|-------------------------|--------------------|------------|
| Benzene                 | ND< 11.0           |            |
| n-Butylbenzene          | ND< 11.0           |            |
| sec-Butylbenzene        | 13.7               | 10,000 ppb |
| tert-Butylbenzene       | ND< 11.0           |            |
| Ethylbenzene            | ND< 11.0           |            |
| n-Propylbenzene         | ND< 11.0           |            |
| Isopropylbenzene        | ND< 11.0           |            |
| p-Isopropyltoluene      | ND< 11.0           |            |
| Naphthalene             | ND< 27.4           |            |
| Toluene                 | ND< 11.0           |            |
| 1,2,4-Trimethylbenzene  | ND< 11.0           |            |
| 1,3,5-Trimethylbenzene  | ND< 11.0           |            |
| m,p-Xylene              | ND< 11.0           |            |
| o-Xylene                | ND< 11.0           |            |
| <b>Miscellaneous</b>    |                    |            |
| Methyl tert-butyl Ether | ND< 11.0           |            |

ELAP Number 10958

Method: EPA 8021B (GC/MS)

Data File: 18489.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

**Volatile STARS Analysis Report for Soils/Solids/Sludges**Client: **Environmental Service Group**

Client Job Site: 303 Woodward

Lab Project Number: 04-0201

Client Job Number: Q12833

Lab Sample Number: 1322

Field Location: SW-E

Date Sampled: 1/13/04

Field ID Number: N/A

Date Received: 1/15/04

Sample Type: Soil

Date Analyzed: 1/16/04

| Aromatics               | Results in ug / Kg |
|-------------------------|--------------------|
| Benzene                 | ND< 9.03           |
| n-Butylbenzene          | ND< 9.03           |
| sec-Butylbenzene        | ND< 9.03           |
| tert-Butylbenzene       | ND< 9.03           |
| Ethylbenzene            | ND< 9.03           |
| n-Propylbenzene         | ND< 9.03           |
| Isopropylbenzene        | ND< 9.03           |
| p-Isopropyltoluene      | ND< 9.03           |
| Naphthalene             | ND< 22.6           |
| Toluene                 | ND< 9.03           |
| 1,2,4-Trimethylbenzene  | ND< 9.03           |
| 1,3,5-Trimethylbenzene  | ND< 9.03           |
| m,p-Xylene              | ND< 9.03           |
| o-Xylene                | ND< 9.03           |
| <b>Miscellaneous</b>    |                    |
| Methyl tert-butyl Ether | ND< 9.03           |

ELAP Number 10958

Method: EPA 8021B (GC/MS)

Data File: 18490.0

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

**Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges**

Client: **Environmental Service Group**

|                    |              |                     |         |
|--------------------|--------------|---------------------|---------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 04-0201 |
|                    |              | Lab Sample Number:  | 1319    |
| Client Job Number: | Q12833       |                     |         |
| Field Location:    | Floor        | Date Sampled:       | 1/13/04 |
| Field ID Number:   | N/A          | Date Received:      | 1/15/04 |
| Sample Type:       | Soil         | Date Analyzed:      | 1/20/04 |

| Base / Neutrals          | Results in ug / Kg |
|--------------------------|--------------------|
| Acenaphthene             | ND< 332            |
| Anthracene               | ND< 332            |
| Benzo (a) anthracene     | ND< 332            |
| Benzo (a) pyrene         | ND< 332            |
| Benzo (b) fluoranthene   | ND< 332            |
| Benzo (g,h,i) perylene   | ND< 332            |
| Benzo (k) fluoranthene   | ND< 332            |
| Chrysene                 | ND< 332            |
| Dibenz (a,h) anthracene  | ND< 332            |
| Fluoranthene             | ND< 332            |
| Fluorene                 | ND< 332            |
| Indeno (1,2,3-cd) pyrene | ND< 332            |
| Naphthalene              | ND< 332            |
| Phenanthrene             | ND< 332            |
| Pyrene                   | ND< 332            |

ELAP Number 10958

Method: EPA 8270C

Data File: 14612.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

**Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges**

Client: **Environmental Service Group**

|                    |              |                     |         |
|--------------------|--------------|---------------------|---------|
| Client Job Site:   | 303 Woodward | Lab Project Number: | 04-0201 |
|                    |              | Lab Sample Number:  | 1321    |
| Client Job Number: | Q12833       |                     |         |
| Field Location:    | SW-N         | Date Sampled:       | 1/13/04 |
| Field ID Number:   | N/A          | Date Received:      | 1/15/04 |
| Sample Type:       | Soil         | Date Analyzed:      | 1/20/04 |

| Base / Neutrals          | Results in ug / Kg |
|--------------------------|--------------------|
| Acenaphthene             | ND< 333            |
| Anthracene               | ND< 333            |
| Benzo (a) anthracene     | ND< 333            |
| Benzo (a) pyrene         | ND< 333            |
| Benzo (b) fluoranthene   | ND< 333            |
| Benzo (g,h,i) perylene   | ND< 333            |
| Benzo (k) fluoranthene   | ND< 333            |
| Chrysene                 | ND< 333            |
| Dibenz (a,h) anthracene  | ND< 333            |
| Fluoranthene             | ND< 333            |
| Fluorene                 | ND< 333            |
| Indeno (1,2,3-cd) pyrene | ND< 333            |
| Naphthalene              | ND< 333            |
| Phenanthrene             | ND< 333            |
| Pyrene                   | ND< 333            |

ELAP Number 10958

Method: EPA 8270C

Data File: 14614.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

## Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Environmental Service Group

Client Job Site: 303 Woodward

Lab Project Number: 04-0201

Lab Sample Number: 1323

Client Job Number: Q12833

Field Location: SW-W

Date Sampled: 1/13/04

Field ID Number: N/A

Date Received: 1/15/04

Sample Type: Soil

Date Analyzed: 1/20/04

TABn  
4046

| Base / Neutrals          | Results in ug / Kg | L.A.R.     |
|--------------------------|--------------------|------------|
| Acenaphthene             | ND< 358            |            |
| Anthracene               | ND< 358            |            |
| Benzo (a) anthracene     | ND< 358            |            |
| Benzo (a) pyrene         | ND< 358            |            |
| Benzo (b) fluoranthene   | ND< 358            |            |
| Benzo (g,h,i) perylene   | ND< 358            |            |
| Benzo (k) fluoranthene   | ND< 358            |            |
| Chrysene                 | ND< 358            |            |
| Dibenz (a,h) anthracene  | ND< 358            |            |
| Fluoranthene             | 420                | 50,000 ppb |
| Fluorene                 | ND< 358            |            |
| Indeno (1,2,3-cd) pyrene | ND< 358            |            |
| Naphthalene              | ND< 358            |            |
| Phenanthrene             | 372                | 50,000 ppb |
| Pyrene                   | 428                | 50,000 ppb |

ELAP Number 10958

Method: EPA 8270C

Data File: 14616.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

## Semi-Volatile STARS Analysis Report for Soils/Solids/Sludges

Client: Environmental Service Group

Client Job Site: 303 Woodward

Lab Project Number: 04-0201

Lab Sample Number: 1323

Client Job Number: Q12833

Field Location: SW-W

Date Sampled: 1/13/04

Field ID Number: N/A

Date Received: 1/15/04

Sample Type: Soil

Date Analyzed: 1/20/04

TAG#  
4046

| Base / Neutrals          | Results in ug / Kg | Limit      |
|--------------------------|--------------------|------------|
| Acenaphthene             | ND< 358            |            |
| Anthracene               | ND< 358            |            |
| Benzo (a) anthracene     | ND< 358            |            |
| Benzo (a) pyrene         | ND< 358            |            |
| Benzo (b) fluoranthene   | ND< 358            |            |
| Benzo (g,h,i) perylene   | ND< 358            |            |
| Benzo (k) fluoranthene   | ND< 358            |            |
| Chrysene                 | ND< 358            |            |
| Dibenz (a,h) anthracene  | ND< 358            |            |
| Fluoranthene             | 420                | 50,000 ppb |
| Fluorene                 | ND< 358            |            |
| Indeno (1,2,3-cd) pyrene | ND< 358            |            |
| Naphthalene              | ND< 358            |            |
| Phenanthrene             | 372                | 50,000 ppb |
| Pyrene                   | 428                | 50,000 ppb |

ELAP Number 10958      Method: EPA 8270C      Data File: 14616.D

Comments: ND denotes Non Detect  
ug / Kg = microgram per Kilogram

# PARADIGM ENVIRONMENTAL SERVICES, INC.

179 Lake Avenue  
Rochester, NY 14608  
(585) 647-2530 • (800) 724-1997  
FAX (585) 647-3311

## CHAIN OF CUSTODY

REPORT TO:

INVOICE TO:

PROJECT NAME/SITE NAME:  
*303 Woodward*

|                                             |          |                                |                                                                                                                                                                              |
|---------------------------------------------|----------|--------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| COMPANY: <i>Environmental Service Group</i> | COMPANY: | LAB PROJECT #:                 | CLIENT PROJECT #:                                                                                                                                                            |
| ADDRESS: <i>199 Lake</i>                    | ADDRESS: |                                | <i>Q12833</i>                                                                                                                                                                |
| CITY: <i>Tonawanda</i>                      | CITY:    | STATE: <i>NY</i>               | ZIP: <i>14117</i>                                                                                                                                                            |
| PHONE: <i>716-693-6020</i>                  | PHONE:   | FAX: <i>716-693-0181</i>       |                                                                                                                                                                              |
| ATTN: <i>Pat Carroll / Rob Lohr</i>         | ATTN:    |                                |                                                                                                                                                                              |
| COMMENTS:                                   |          |                                |                                                                                                                                                                              |
|                                             |          | TURNAROUND TIME (WORKING DAYS) | STD <input checked="" type="checkbox"/> OT                                                                                                                                   |
|                                             |          |                                | 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 5 <input type="checkbox"/> 6 <input checked="" type="checkbox"/> |

| DATE | TIME    | COMPARISON | GRADES | SAMPLE LOCATION/FIELD ID | MATERIAL | CONTAMINANTS | REQUESTED ANALYSIS | REMARKS | PARADIGM SAMPLE NUM |
|------|---------|------------|--------|--------------------------|----------|--------------|--------------------|---------|---------------------|
| 1    | 1/13/04 | 1000       | X      |                          | Clear    | 501          |                    |         |                     |
| 2    |         | 1315       | X      |                          | SW-5     |              |                    |         |                     |
| 3    |         | 1315       | X      |                          | SW-N     |              |                    |         |                     |
| 4    |         | 1315       | X      |                          | SW-E     |              |                    |         |                     |
| 5    |         |            | X      |                          | SW-W     |              |                    |         |                     |
| 6    |         |            |        |                          |          |              |                    |         |                     |
| 7    |         |            |        |                          |          |              |                    |         |                     |
| 8    |         |            |        |                          |          |              |                    |         |                     |
| 9    |         |            |        |                          |          |              |                    |         |                     |
| 10   |         |            |        |                          |          |              |                    |         |                     |

### \*\*LAB USE ONLY\*\*

SAMPLE CONDITION: Check box ☐ CONTAINER TYPE: ☐ PRESERVATIONS: ☐ HOLDING TIME: ☐ TEMPERATURE: ☐

If acceptable or note deviation:

Sampled By: *[Signature]* Date/Time: *1/13/04* Relinquished By: *[Signature]* Date/Time: *1/13/04* Total Cost: *[Blank]*

Received By: *[Signature]* Date/Time: *1/14/04* Received @ Lab By: *[Signature]* Date/Time: *1/14/04* P.L.F. *[Blank]*

# Attachment 2

## Waste Manifests



# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No

N/A

Manifest  
Document No  
344086

2 Page 1  
of

ES-344086

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS),

001

T

T

b. . . . .

c. . . . .

d. . . . .

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight

Take Weight:

16. GENERATOR'S CERTIFICATION I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

Nick Morreale

[Signature]

01 08 04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

David Morris

[Signature]

01 08 04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight = DN.

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year

NICHOLAS V MORREALE

[Signature]

01 08 04

GENERATOR

TRANSPORTER

FACILITY

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest  
Document No  
344087

2. Page 1  
of

ES-344087

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-077-0003

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS),

001 T

T

b. . . . .

c. . . . .

d. . . . .

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact. Ensol, Inc. Nick Morreale

Emergency Phone 716-285-3920

Ensol, Inc. Project ID Number. 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

James B. Jones

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

Kevin Jones

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight = DA

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
N/A

Manifest No.  
344088

2. Page 1  
of

ES-344088

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address  
Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS), ,

001

T

T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

James P. Jones

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

Christopher Jones

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item 713 Estimated. Actual Weight =

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year

01 01 01

# NON-HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No

H/A

Manifest  
344089 No

2 Page 1  
of

ES-344089

3 Facility Name and Address  
Down of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address  
Excelsior Steel Mill,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-077-0003

5. Transporter 1 Company Name  
Town of Tonawanda

6 US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10 US EPA ID Number  
H/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12 Containers  
No Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001 T

T

b , , , ,

c , , , ,

d , , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16 GENERATOR'S CERTIFICATION. I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Disposal Location and Date  
Item ID Estimated: Actual Weight =

DA

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year

# NON-HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No

Manifest No  
334090

2 Page 1  
of

ES-344090

Generator's Name and Address  
2049 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address  
Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( )  
716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6 US EPA ID Number  
Temp Permit

A. Transporter's Phone

7 Transporter 2 Company Name

8 US EPA ID Number

B. Transporter's Phone

Destination Facility Name and Address  
East Park Road  
Tonawanda NY

10 US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12 Containers  
No. Type

13  
Total  
Quantity

14  
Unit  
Wt/Val

a. Non RCRA, Non D.O.T. Regulated Material, ASM Soil (PCS),

001

T

T

b. . . .

c. . . .

d. . . .

D. Additional Description for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID: 96

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

James B. Jones

[Signature]

1/18/04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

DAN JARVIS

[Signature]

1/19/04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

D.A.

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year

NICHOLAS V MORREALE

[Signature]

10/10/04

GENERATOR

TRANSPORTER

FACILITY

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest  
Document No  
344091

2. Page 1  
of

ES-344091

3. Generator's Name and Mailing Address  
Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS), ,

001

T

T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID: 93

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16 GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

James B. Jones

Signature

[Signature]

Month Day Year

1/18/03

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Darin Myers

Signature

[Signature]

Month Day Year

01/09/04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space  
Item #1 Estimated. Actual Weight = D.A.

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in item 19

Printed/Typed Name

NICHOLAS V MORREALE

Signature

Nick V Morreale

Month Day Year

1/10/04

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest  
Control No.  
344092

2. Page 1  
of

ES-344092

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Excelsior Steel Eali,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6 US EPA ID Number  
Temp Permit

A Transporter's Phone

7. Transporter 2 Company Name

8 US EPA ID Number

B Transporter's Phone

9 Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10 US EPA ID Number  
N/A

C Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12 Containers  
No. Type

13  
Total  
Quantity

14.  
Unit  
Wt/Vol

a Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001 T

T

b . . . .

c . . . .

d . . . .

D Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15 Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

96

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16 GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

James B. Jones

[Signature]

1 11 2004

17 Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

DAN JAMES

Dan James

6 16 04

18 Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight = D.A

20 Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year

NICHOLAS V MORREALE

Nick V Morreale

6 16 04

GENERATOR

TRANSPORTER

FACILITY

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest  
Document No  
344093

2 Page 1  
of

ES-344093

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6 US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10 US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001

T

T

b. , , , ,

c. , , , ,

d. , , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID: 93

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13, Estimated. Actual Weight = 0.0.

20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year

NICHOLAS V MORREALE

10/10/04



# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest  
Document No  
344094

2. Page 1  
of

ES-344094

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Emcelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-6805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001 T

T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

96

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION. I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

D.A.

20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

NICHOLAS V MORREALE

Nick Morreale

6/16/94

GENERATOR

TRANSPORTER

FACILITY

# NON-HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No

N/A

Manifest  
Document No  
344095

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of

ES-344095

3. Generator's Name and Mailing Address

Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:

Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4 Generator's Phone ( ) 716-677-8805

5 Transporter 1 Company Name

Town of Tonawanda

6 US EPA ID Number

Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10 US EPA ID Number

N/A

C. Facility's Phone

716-285-3920

11. Waste Shipping Name and Description

12 Containers

No.

Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS),

001

T

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID: 93

Truck Lic.:

Weight Ticket No.

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

James B. Jones

Signature

Month Day Year

11 18 94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DAVID MYER

Signature

Month Day Year

01 09 94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight = DA

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

NICHOLAS V MORREALE

Signature

Nick V Morreale

Month Day Year

01 09 04

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
B/A

Manifest No  
344096

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of

ES-344096

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Emcelstior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-677-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
B/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001 T

T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight = 0 lb.

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year

NICHOLAS V MORREALE

Nick Morreale

10/10/04

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest  
Document No  
344097

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of

ES-344097

3. Generator's Name and Mailing Address  
Town of Tonawanda, 1919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001

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T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID: 96

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Net Weight:

16. GENERATOR'S CERTIFICATION. I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

James B. Jovan

Signature

[Signature]

Month Day Year

1/15/94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DAN JARVIS

Signature

[Signature]

Month Day Year

1/18/94

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

NICHOLAS V MORREALE

Signature

[Signature]

Month Day Year

10/10/86

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest No  
3091058

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of

ES-344098

3. Generator Name and Mailing Address  
Town of Tonawanda, 7919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS), ,

001

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T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight = 0A.

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No

N/A

Manifest  
Document No

344099

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of

ES-344099

3. Generator's Name and Mailing Address

Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:

Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-677-8803

5. Transporter 1 Company Name

Town of Tonawanda

6. US EPA ID Number

Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number

N/A

C. Facility's Phone

716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001

T

T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Rick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

James E. Jones

Signature

[Signature]

Month Day Year

1/18/04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DAN JARVIS

Signature

[Signature]

Month Day Year

1/18/04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight = 0.7

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

NICHOLAS V MORREALE

Signature

[Signature]

Month Day Year

1/18/04

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No

N/A

Manifest  
Document No.

344102

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of

ES-344102

3. Generator's Name and Mailing Address

Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:

Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

A. Transporter's Phone

5. Transporter 1 Company Name

Town of Tonawanda

6. US EPA ID Number

Temp Permit.

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number

N/A

C. Facility's Phone

716-285-3920

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001

T

T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

James B. Jones

Signature

[Signature]

Month Day Year

1/18/04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DAVID D. NATALE

Signature

[Signature]

Month Day Year

1/17/04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

DA

20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

JOHN K. SHAW

Signature

[Signature]

Month Day Year

1/15/04

GENERATOR

TRANSPORTER

FACILITY

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest  
Document No.  
344103

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of

ES-344103

3. Generator's Name and Mailing Address

Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Tonawanda NY 14217, Robert Morris

Site Address:

Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name

Town of Tonawanda

6. US EPA ID Number

Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number

N/A

C. Facility's Phone

716-285-3920

11. Waste Shipping Name and Description

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS),

12. Containers  
No. Type

001 T

13. Total  
Quantity

14. Unit  
Wt/Vol

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Track ID:

Track Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

James B. Inc

Signature

*[Signature]*

Month Day Year

1 8 04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Greg H. HCT

Signature

*[Signature]*

Month Day Year

1 8 04

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year



# **NON-HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No.

**E/A**

Manifest  
Document No

**344104**

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of

**ES-344104**

3. Generator's Name and Mailing Address

**Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris**

4. Generator's Phone ( ) **716-877-8803**

Site Address:

**Emcelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,**

5. Transporter 1 Company Name

**Town of Tonawanda**

6

US EPA ID Number

**Temp Permit**

A. Transporter's Phone

7. Transporter 2 Company Name

8

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

**Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY**

10

US EPA ID Number

**E/A**

C. Facility's Phone

**716-285-3920**

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. **Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,**

**001**

**T**

**T**

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

**L**

15. Special Handling Instructions and Additional Information

Emergency Contact: **Ensol, Inc. Nick Morreale**

Emergency Phone: **716-285-3920**

Ensol, Inc. Project ID Number: **03-3245-13T**

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

**John B. Jones**

*[Signature]*

**1/18/94**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

**Item #13 Estimated. Actual Weight =**

**1A**

20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
H/A

Manifest  
Document No  
344105

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of

ES-344105

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Tonawanda NY 14217, Robert Morris

Site Address:  
Emcelstior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-677-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
H/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001

T

T

b. , , , ,

c. , , , ,

d. , , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

James C. Jones

Signature

[Signature]

Month Day Year

1 18 04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

KEVIN LEMAY

Signature

[Signature]

Month Day Year

1 18 04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

1 18 04

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight = DA

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

[Signature]

Signature

Month Day Year

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No

N/A

Manifest Document No.

344106

2. Page 1 of

ES-344106

3. Generator's Name and Mailing Address

Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

4. Generator's Phone ( )

716-877-8805

Site Address:

Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

5. Transporter 1 Company Name

6

US EPA ID Number

Town of Tonawanda

Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

10

US EPA ID Number

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

N/A

C. Facility's Phone

716-285-3920

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total Quantity

14. Unit Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001

T

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Rick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION. I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

James P. Jones

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

DAVID J. V. H. C.

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

DA

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

L. W. S. C.

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
N/A

Manifest No.  
344107

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of

ES-344107

3. Generator Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Tonawanda NY 14217, Robert Morris

4. Generator's Phone ( ) 716-877-6605

Site Address:  
Emcelstior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS),

001

T

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

JAMES E. JONES

Signature

Month Day Year

1 10 04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

GREG T. HART

Signature

Month Day Year

1 10 04

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest  
Document No.  
344108

2. Page 1  
of

ES-344108

3. Generator's Name and Mailing Address

Town of Tonawanda, , 2919 Delaware Avenue, Room 20,

Tonawanda NY 14217, Robert Morris

4. Generator's Phone ( ) 716-877-8805

Site Address:

Excelsior Steel Ball, ,

303 Woodward Avenue, ,

Tonawanda NY 14150,

5. Transporter 1 Company Name

Town of Tonawanda

6

US EPA ID Number

Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure

East Park Road

Tonawanda NY

10

US EPA ID Number

N/A

C. Facility's Phone

716-285-3920

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001

T

T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

James B. Jones

Signature

*James B. Jones*

Month Day Year

1 18 04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DAVID D. NATALE

Signature

*David D. Natale*

Month Day Year

7 13 04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

DA

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Scott K. Smith

Signature

*Scott K. Smith*

Month Day Year

1 18 04

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
H/A

Manifest  
Document No  
344109

2. Page 1  
of

ES-344109

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
H/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS),

001

T

T

b. . . . .

c. . . . .

d. . . . .

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

James B. Jones

Signature

[Signature]

Month Day Year

11 8 04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DAVID D. NATALE

Signature

[Signature]

Month Day Year

11 13 0

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Scott K. Sholes

Signature

[Signature]

Month Day Year

11 13 0

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest Document No.  
344110

2. Page 1 of  
ES-344110

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

4. Generator's Phone ( ) 716-877-0005

Site Address:  
Emcelisior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

| 11. Waste Shipping Name and Description                     | 12. Containers |      | 13. Total Quantity | 14. Unit Wt/Vol |
|-------------------------------------------------------------|----------------|------|--------------------|-----------------|
|                                                             | No             | Type |                    |                 |
| a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS), | 001            | T    |                    | T               |
| b. . . . .                                                  |                |      |                    |                 |
| c. . . . .                                                  |                |      |                    |                 |
| d. . . . .                                                  |                |      |                    |                 |

12. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above  
L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale  
Emergency Phone: 716-285-3920  
Ensol, Inc. Project ID Number: 03-3245-13T  
Truck ID: 170  
Truck Lic.: 100050

Weight Ticket No.:  
Gross Weight:  
Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name: James P. Jones Signature: [Signature] Month: 1 Day: 18 Year: 2004

7. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name: Jim Michalski Signature: [Signature] Month: 7 Day: 13 Year: 2004

8. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name: [Signature] Signature: [Signature] Month: Day: Year:

9. Discrepancy Indication Space  
Estimated Actual Weight = 1A

10. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

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

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest  
Document No  
344111

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of

ES-344111

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit.

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Val

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS),

001

T

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

James B. Jones

Signature

Month Day Year

1 8 04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DAVID D. NATALE

Signature

Month Day Year

1 13 04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

DIH

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

1 13 04



**NON-HAZARDOUS  
WASTE MANIFEST**

1. Generator's US EPA ID No.

N/A

Manifest  
Document No.

344112

2. Page 1  
of

ES-344112

3. Generator's Name and Mailing Address

Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
ensore NY 14217, Robert Morris

4. Generator's Phone ( ) 716-877-8805

Site Address:

Emcelisior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

5. Transporter 1 Company Name

6

US EPA ID Number

Town of Tonawanda

Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10.

US EPA ID Number

N/A

C. Facility's Phone

716-285-3920

11. Waste Shipping Name and Description

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS),

001 T

12. Containers  
No. Type13.  
Total  
Quantity14.  
Unit  
Wt/Vol

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project Number: 03-3245-13T

Truck ID:

Truck Lic.: 1062150-NY

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

TA

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
N/A

Manifest  
Document No  
344113

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of

ES-344113

3. Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:  
Emcelisior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS), ,

001

T

T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

James B. Jans

Signature

[Signature]

Month Day Year

1 / 8 / 04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DAVID DINATALE

Signature

[Signature]

Month Day Year

1 / 13 / 04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

DI

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

SCOTT K. [Signature]

Signature

[Signature]

Month Day Year

1 / 13 / 04

# **NON-HAZARDOUS WASTE MANIFEST**

1. Generator's US EPA ID No  
**N/A**

Manifest Document No.  
**344114**

2. Page 1  
of

**ES-344114**

3. Generator's Name and Mailing Address

**Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris**

4. Generator's Phone ( ) **716-877-8805**

Site Address:

**Emcelstior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,**

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

**Town of Tonawanda**

**Temp Permit**

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

C. Facility's Phone

**Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY**

**N/A**

**716-285-3920**

11. Waste Shipping Name and Description

12. Containers  
No. Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. **Non RCRA, Non D.O.T. Regulated Material, -ACM Soil (PCS), ,**

**001**

**T**

**T**

b. . . . .

c. . . . .

d. . . . .

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

**L**

15. Special Handling Instructions and Additional Information

Emergency Contact: **Ensol, Inc. Nick Morreale**

Emergency Phone: **716-285-3920**

Ensol, Inc. Project/Job Number: **03-3245-13T**

Truck ID:

Truck Lic.: **102150 NY**

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

**James E. Jones**

*[Signature]*

**12 18 04**

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

**Jim Michels**

*[Signature]*

**1 13 04**

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

**T/A**

20. Facility Owner or Operator. Certification of receipt of waste materials received by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

**Scott R. Smith**

*[Signature]*

**1 13 04**

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.  
N/A

Manifest  
Document No  
344115

2. Page 1  
of

ES-344115

3. Generator's Name and Mailing Address  
Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

4. Generator's Phone ( ) 716-877-8805

Site Address:  
Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

Town of Tonawanda

Temp Permit

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

C. Facility's Phone

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

N/A

716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS), ,

001

T

T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION. I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

James B. Jones

[Signature]

1/18/04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

Jim Michels

[Signature]

1/13/04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

TA

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

[Signature]

1/13/04

# NON-HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No  
N/A

Manifest  
Document No  
344116

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of

ES-344116

3 Generator's Name and Mailing Address  
Town of Tonawanda, , 2919 Delaware Avenue, Room 20,

Kenmore NY 14217, Robert Morris

4 Generator's Phone ( ) 716-677-0005

Site Address:  
Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

5 Transporter 1 Company Name

6 US EPA ID Number

A Transporter's Phone

Town of Tonawanda

Temp Permit

7 Transporter 2 Company Name

8 US EPA ID Number

B. Transporter's Phone

9 Designated Facility Name and Site Address

10 US EPA ID Number

C. Facility's Phone

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

N/A

716-285-3920

11 Waste Shipping Name and Description

12 Containers  
No. Type

13  
Total  
Quantity

14  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001 T

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

tes #13 Estimated. Actual Weight =

TA

20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in item 19.

Printed/Typed Name

Signature

Month Day Year

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

H/A

Manifest  
Document No.  
344117

2. Page 1  
of

ES-344117

3. Generator's Name and Mailing Address

Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Tonawanda NY 14217, Robert Morris

Site Address:

Emcelstor Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name

Town of Tonawanda

6. US EPA ID Number

Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number

H/A

C. Facility's Phone

716-285-3920

11. Waste Shipping Name and Description

12. Containers

No

Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS), ,

001

T

T

b. , , ,

c. , , ,

d. , , ,

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID: 166

Truck Lic.: 37896-PA

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

James B. Joyce

Signature

*[Signature]*

Month Day Year

1/24/04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

ROBERT WARR

Signature

*[Signature]*

Month Day Year

1/24/04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

E. NSOC

Printed/Typed Name

Signature

Month Day Year

1/24/04

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

H/A

Manifest  
Document No.  
344126

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of

ES-344126

3. Generator's Name and Mailing Address

Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

4. Generator's Phone ( ) 716-877-8805

Site Address:

Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

5. Transporter 1 Company Name

6. US EPA ID Number

Town of Tonawanda

Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number

H/A

C. Facility's Phone

716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001 T

T

b.

N

c.

R

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Weight Ticket No.:

Gross Weight:

Tare Weight:

Truck ID:

P-199

Truck Lic.:

40918-JR

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

James P. Jones

Signature

[Signature]

Month Day Year

11 18 04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

MIKE KNAVE

Signature

[Signature]

Month Day Year

10 11 04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Scott R. Shickles

Signature

[Signature]

Month Day Year

11 11 04

# NON-HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No  
N/A.

Manifest  
Document No  
344127

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of

ES-344127

3. Generator's Name and Mailing Address  
Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Tonawanda NY 14217, Robert Morris

4. Generator's Phone ( ) 716-877-8805

Site Address:  
Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit.

A. Transporter's Phone

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS), ,

001 T

T

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Rick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year



# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No

B/A

Manifest  
Document No.  
344128

2. Page 1  
of

ES-344128

3. Generator's Name and Mailing Address

City of Tonawanda, 2919 Delaware Avenue, Room 20,  
Chester NY 14217, Robert Morris

4. Generator's Phone ( ) 716-677-6803

Site Address:

Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

City of Tonawanda

Temp Permit

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

C. Facility's Phone

City of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

B/A

716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No. Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS),

001 T

T

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Weight Ticket No.:

Gross Weight:

Tare Weight:

Truck ID:

166

Truck Lic.:

37876-PA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

James E. Jones

[Signature]

1/15/94

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

ROBERT MORREALE

[Signature]

1/17/03

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

20. Facility Owner or Operator Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

[Signature]

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest  
Document No.  
344129

2. Page 1  
of

ES-344129

3. Generator's Name and Mailing Address

Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Site Address:

Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

4. Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name

6

US EPA ID Number

Town of Tonawanda

Temp Permit

A. Transporter's Phone

7. Transporter 2 Company Name

8

US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10

US EPA ID Number

N/A

C. Facility's Phone

716-285-3920

11. Waste Shipping Name and Description

12 Containers  
No. Type

13  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001

T

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19

Printed/Typed Name

Signature

Month Day Year

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No

N/A

Manifest  
Document No.  
344130

2. Page 1  
of

ES-344130

Generator's Name and Mailing Address

town of Tonawanda, , 2919 Delaware Avenue, Room 20,

enmore NY 14217, Robert Morris

Generator's Phone ( ) 716-877-0803

Site Address:

Excelsior Steel Ball, ,

303 Woodward Avenue, ,

Tonawanda NY 14150,

5 Transporter 1 Company Name

6. US EPA ID Number

town of Tonawanda

Temp Permit

Transporter 2 Company Name

8. US EPA ID Number

A Transporter's Phone

B Transporter's Phone

9 Designated Facility Name and Site Address

town of Tonawanda Landfill Closure

1st Park Road

Tonawanda NY

10 US EPA ID Number

N/A

C Facility's Phone

716-285-3920

1. Waste Shipping Name and Description

12. Containers  
No Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001

T

T

d. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Weight Ticket No.:

Gross Weight:

Tare Weight:

Truck ID:

166

Truck Lic.:

17896-PA

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

James B. Jones

Signature

[Signature]

Month Day Year

1/18/04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Robert W. Hall

Signature

[Signature]

Month Day Year

1/14/04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight =

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

[Signature]

Signature

Month Day Year

1/14/04

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No  
N/A

Manifest  
Document No.  
344131

2. Page 1  
of

ES-344131

Generator's Name and Mailing Address  
Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Kenmore NY 14217, Robert Morris

Generator's Phone ( ) 716-877-8805

Site Address:  
Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

5. Transporter 1 Company Name  
Town of Tonawanda

6. US EPA ID Number  
Temp Permit

A. Transporter's Phone

Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

1. Waste Shipping Name and Description

12. Containers  
No. Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, ACM Soil (PCS), ,

001

T

T

b. , , ,

c. , , ,

d. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

f. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID: P-199

Truck Lic.: 40918-JR

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

James B. Jones

Signature

Month Day Year

11/18/91

7. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

MIKE KNAVEL

Signature

Mike Knaavel

Month Day Year

01/14/04

8. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

9. Discrepancy Indication Space

cm #13 Estimated. Actual Weight =

10. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Scott K Shields

Signature

Scott K Shields

Month Day Year

11/18/01

# NON-HAZARDOUS WASTE MANIFEST

1. Generator's US EPA ID No.

N/A

Manifest  
Document No.  
344132

2. Page 1  
of

ES-344132

3. Generator's Name and Mailing Address

Town of Tonawanda, , 2919 Delaware Avenue, Room 20,  
Tonawanda NY 14217, Robert Morris

4. Generator's Phone ( ) 716-877-8805

Site Address:

Excelsior Steel Ball, ,  
303 Woodward Avenue, ,  
Tonawanda NY 14150,

5. Transporter 1 Company Name

6. US EPA ID Number

A. Transporter's Phone

Town of Tonawanda

Temp Permit

7. Transporter 2 Company Name

8. US EPA ID Number

B. Transporter's Phone

9. Designated Facility Name and Site Address

10. US EPA ID Number

C. Facility's Phone

Town of Tonawanda Landfill Closure  
East Park Road

N/A

716-285-3920

Tonawanda NY

11. Waste Shipping Name and Description

12. Containers  
No Type

13.  
Total  
Quantity

14.  
Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001

T

T

b. . . . .

c. . . . .

d. . . . .

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

166

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

48494

39960

35820

25400

16. GENERATOR'S CERTIFICATION. I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste.

Printed/Typed Name

Signature

Month Day Year

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight = 1728

20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

Signature

Month Day Year

# NON-HAZARDOUS WASTE MANIFEST

1 Generator's US EPA ID No  
N/A

Manifest  
Document No  
344133

2 Page 1  
of

ES-344133

3 Generator's Name and Mailing Address  
Town of Tonawanda, 2919 Delaware Avenue, Room 20,  
Tonawanda NY 14217, Robert Morris

Site Address:  
Excelsior Steel Ball,  
303 Woodward Avenue,  
Tonawanda NY 14150,

4 Generator's Phone ( ) 716-877-8805

5. Transporter 1 Company Name  
Town of Tonawanda

6 US EPA ID Number  
Temp Permit

A Transporter's Phone

7. Transporter 2 Company Name

8 US EPA ID Number

B Transporter's Phone

9. Designated Facility Name and Site Address  
Town of Tonawanda Landfill Closure  
East Park Road  
Tonawanda NY

10. US EPA ID Number  
N/A

C. Facility's Phone  
716-285-3920

11. Waste Shipping Name and Description

12. Containers  
No Type

13. Total  
Quantity

14. Unit  
Wt/Vol

a. Non RCRA, Non D.O.T. Regulated Material, AGM Soil (PCS), ,

001 T

T

b. . . . .

c. . . . .

d. . . . .

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

L

15. Special Handling Instructions and Additional Information

Emergency Contact: Ensol, Inc. Nick Morreale

Emergency Phone: 716-285-3920

Ensol, Inc. Project ID Number: 03-3245-13T

Truck ID:

Truck Lic.:

Weight Ticket No.:

Gross Weight:

Tare Weight:

16. GENERATOR'S CERTIFICATION: I certify the materials described above on this manifest are not subject to federal regulations for reporting proper disposal of Hazardous Waste

Printed/Typed Name

James B. Jones

Signature

[Signature]

Month Day Year  
11/18/04

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DAN JARVIS

Signature

[Signature]

Month Day Year  
11/18/04

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

Item #13 Estimated. Actual Weight = D.A.

20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in Item 19.

Printed/Typed Name

NICK MORREALE

Signature

[Signature]

Month Day Year  
12/08/04

## **Attachment 3**

# **Town of Tonawanda Industrial Sewer Connection Permit**

Permit No. 569-S

TOWN OF TONAWANDA  
INDUSTRIAL SEWER CONNECTION PERMIT

Company Name: EnSol Inc. Environmental Solutions

Division Name ( if Applicable ) \_\_\_\_\_

Mailing Address: 452 Third Street  
Street or P.O. Box  
Niagara Falls, New York 14301  
State and Zip Code

Facility Address: 303 Woodward Avenue  
P.O. Box  
Tonawanda, New York 14150  
City, State and Zip Code

*The above Industrial User is authorized to discharge industrial wastewater to the Town of Tonawanda sewer system in compliance with the Town's Sewer Use Ordinance Number 2-2000, any applicable provisions of Federal or State law or regulation, and in accordance with discharge point(s), effluent limitations, monitoring requirements, and other conditions set forth herein.*

*This permit is granted in accordance with the application filed on December 19, 2003 in the office of the Pretreatment Administrator, and in conformity with plans, specifications, and other data submitted to the Town in support of the above application.*

Effective Date: January 6, 2004

Expiration Date: February 6, 2004

Permit No. 569-S

Date: 1/6/04 Signed: William Mucci

William Mucci  
Town of Tonawanda  
Office of the Compliance Coordinator



Page 2 of 8

Permit No. 569-S

Modified Date: \_\_\_\_\_

**PART 1 - WASTEWATER DISCHARGE LIMITATIONS AND MONITORING  
REQUIREMENTS**

**A. LOCALLY DERIVED LIMITATIONS**

*The industrial user shall comply with the following locally derived effluent limitations effective  
as of January 6, 2004*

MONITORING LOCATION: SANITARY SEWER

**Analytical Results are available in pretreatment office and meet all discharge requirements.**

**Discharge to the sanitary sewer only and the rate of discharge not to exceed 50 gals./min.**

**A \$350.00 permit fee has been waived by John Camilleri.**

**Approximately 15,000- 20,000 gals. will be discharged.**

**A charge of \$1.03 per thousand gallons of discharged water has been waived.**

**Discharge is allowed 24 hours a day.**

**Note: The complete list of discharge limitations for dischargers to the Town Treatment Plant is contained in the Town's Local Law 2-2000. On the basis of the application and previous monitoring, parameters deemed applicable to this discharge have been excerpted and their limitations included above. The discharger should be aware that all other limitations apply and should consider all such limitations when considering process changes or plant modifications.**

## PART II - SPECIAL CONDITIONS/COMPLIANCE SCHEDULE

1. *The Industrial User shall develop, within 6 months of the effective date of this permit, an accidental spill prevention plan to eliminate or minimize the accidental or slug discharge of pollutants into the sewer system, which could have an effect on the Town's treatment plant, sludge, or cause the Town to violate its SPDES permit.*

## PART III - REPORTING REQUIREMENTS

1. *All Industries requiring submittal of self-monitoring reports (SMR's) must submit all laboratory results on all discharged samples. If a lab analysis was performed using an EPA approved test method, then those results must be included in the SMR. Persons signing SMR's must be a responsible company official, ie; owner, corporate manager, or supervise more than two hundred fifty (250) employees. Any of the above may appoint a company representative to sign SMR's but written notice must be supplied to this office authorizing said employee to sign.*

*The following statement will be required on all SMR's and baseline monitoring reports (BMR):*

***"I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gathered and evaluated the information submitted. Based on my inquiry of the person or persons who managed the system, or those persons directly responsible for gathering the information, the information submitted is to the best of my knowledge and belief, true, accurate and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fines and imprisonment for knowing violation."***

2. *The Industrial User shall notify the Town immediately upon any accidental or slug discharge to the sanitary sewer system. Formal written notification discussing circumstances and remedies shall be submitted to the Town within 5 days of the occurrence.*
3. *The Industrial User shall notify the Town 30 days prior to the introduction of new wastewater or pollutants or any substantial change in the volume or characteristics of the wastewater being introduced into the POTW from the User's industrial processes.*
4. *Any upset experienced by the Industrial User of its treatment that places it in a temporary state of non-compliance with wastewater discharge limitations contained in this permit or other limitations specified in the Town's Ordinance shall be reported to the Town within 24 hours of first awareness of the commencement of the upset. Immediate resampling for the non-compliance pollutant shall begin. A detailed report shall be filed within 5 days.*

5. *The Industrial User is required to submit to the Town reports on the results of its sampling of the pollutants specified in Part I of this Permit. This report shall also contain monthly flows.*
6. *Analytical procedures must be performed in accordance with 40 CFR Part 136. Additional pollutants not contained in Part 136 must be performed using validated analytical methods approved by EPA (40 CFR 403.12 [g] [4]).*
7. *All reports shall be submitted to the following address:*

*Daniel G. O'Leary, Compliance Coordinator  
Wastewater Treatment Facility  
Two Mile Creek Road  
Tonawanda, New York 14150*

#### **PART IV - STANDARD CONDITIONS**

1. *The Industrial User shall comply with all the general prohibitive discharge standards in Article IV of the Local Law 2-2000.*
  - a. *BOD 250 mg/l, SS 250 mg/l, P 6 mg/l are not to be construed as discharge limits of the above pollutants but as a baseline for generating abnormal sewer charges.*

#### **2. RIGHT OF ENTRY**

*The Industrial User shall, after reasonable notification by the Town, allow the Town or its representatives, exhibiting proper credentials and identification, to enter upon the premises of the User, at all reasonable hours, for the purposes of inspection, sampling, or records inspection. Reasonable hours in the context of inspection and sampling includes any time the Industrial User is operating any process which results in a process wastewater discharge to the Town's sewerage system.*

#### **3. RECORDS RETENTION**

*The Industrial User shall retain and preserve for no less than three (3) years, any records, books, documents, memoranda, reports, correspondence and all summaries thereof, relating to monitoring, sampling and chemical analysis made by or in behalf of the User in connection with its discharge.*

- a) *All records that pertain to matters that are the subject of special orders or any other enforcement or litigation activities brought by the Town shall be retained and preserved by the Industrial User until all enforcement activities have concluded and all periods of imputation with respect to any and all appeals have expired.*

**4. CONFIDENTIAL INFORMATION**

*Except for data determined to be confidential under Article VII, Section 4 of the Town's Ordinance, all reports required by this permit shall be available for public inspection at the office of the Compliance Coordinator, Wastewater Treatment Facility, Two Mile Creek Road, Tonawanda, New York 14150.*

**5. RECORDING OF RESULTS**

*For each measurement or sample taken pursuant to the requirements of this permit, the user shall record the following information:*

- a) The exact place, date and time of sampling;*
- b) The dates the analyses were performed;*
- c) The person(s) who performed the analyses;*
- d) The analytical techniques or methods used, and*
- e) The results of all required analyses.*
- f) Where sanitary sewer discharge is measured by a mechanical or electronic device, accuracy of device shall be certified correct every two years by the manufacturer. Certification shall begin September, 2004.*
- g) Where sanitary sewer discharge is measured by percentage of consumed water, percentage shall be certified correct every two years by a licensed professional engineer. Certification shall begin September, 2004.*

**6. DILUTION**

*No Industrial User shall increase the use of potable or process water or, in any way, attempt to dilute a discharge as a partial or complete substitute for adequate treatment to achieve compliance with the limitations contained in this permit*

**7. PROPER DISPOSAL OF PRETREATMENT SLUDGES AND SPENT CHEMICALS**

*The disposal of sludges and spent chemicals generated shall be done in accordance with Section 405 of the Clean Water Act and Subtitles C and D of the Resource Conservation and Recovery Act.*

**8. TOXIC SUBSTANCES**

*All waters shall be maintained free of toxic substances in concentrations that are toxic to or produce detrimental physiological responses in human, plant, animal, or aquatic life.*

## **9. SIGNATORY REQUIREMENTS**

*All reports required by this permit shall be signed by a principal executive officer of the User, or his designee.*

## **10. REVOCATION OF PERMIT**

*The permit issued to the Industrial User by the Town may be revoked when after inspection, monitoring or analysis it is determined that the discharge of wastewater to the sanitary sewer is in violation of Federal, State, or local laws, ordinances, or regulations. Additionally, falsification or intentional misrepresentation of data or statements pertaining to the permit application or any other required reporting form, shall be cause for permit revocation.*

## **11. LIMITATIONS ON PERMIT TRANSFER**

*Transfer of permit. Industrial waste permits are issued to a specific user for a specific operation. In the event of any change in ownership of the industrial facility, the permittee shall notify the new owner of the existence of the permit by letter, a copy of which shall be forwarded to the Pretreatment Administrator 30 days prior to change of ownership. A new industrial waste permit must be issued to the new owner.*

## **12. FALSIFYING INFORMATION OR TAMPERING WITH MONITORING EQUIPMENT**

*Knowingly making any false statement on any report or other document required by this permit or knowingly rendered any monitoring device or method inaccurate, may result in punishment under the criminal law of the Town, as well as being subjected to civil penalties and relief.*

## **13. MODIFICATION OR REVISION OF THE PERMIT**

- a) The terms and conditions of this permit may be subject to modification by the Town at any time as limitations or requirements as identified the Town's Ordinance, are modified or other just cause exists.*
- b) This permit may also be modified to incorporate special conditions resulting from the issuance of a special order.*
- c) The terms and conditions may be modified as a result of EPA promulgating a new federal pretreatment standard.*
- d) Any permit modifications which result in new conditions in the permit shall include a reasonable time schedule for compliance if necessary.*

**14. DUTY TO REAPPLY**

*The Town shall notify a User one hundred and eighty (180) days prior to the expiration of the User's Permit. Within ninety (90) days of the notification, the User shall reapply for re-issuance of the permit on a form provided by the Town.*

**15. SEVERABILITY**

*The provisions of this permit are severable, and if any provision of this permit, or the application of any provision of this permit to any circumstance is held invalid, the application of such provision to other circumstances, and the remainder of this permit shall not be affected thereby.*

**16. LIMITATIONS**

*The issuance of this permit does not convey any property rights in either real or personal property, or any exclusive privileges, nor does it authorize any invasion of personal rights, nor any infringement of Federal, State or Local regulations.*

**17. A. VIOLATIONS**

- (1) Any violation of sections 165-3 through 165-19 of this Part 1 of Local Law 2-2000 is hereby declared a violation except as otherwise provided by law.*
- (2) Any person who violates the provisions of sections 165-3 through 165-19 of the Part 1, upon conviction thereof in a court of competent jurisdiction, may be punished by a fine of not more than two hundred fifty dollars (§250.), and each day on which there is a failure to comply shall be and is hereby declared to be a distinct and separate offense and punishable as such.*
- (3) The Town of Tonawanda may also maintain an action of proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction to collect a civil penalty of not over two hundred dollars (§200.) for each violation of sections 165-3 through 165-19 of this Part 1.*
- (4) The Town of Tonawanda may also maintain an action or proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction for injunctive relief for any violation Articles III, IV or V of this Part 1.*

**B. MISDEMEANORS**

- (1) Any violation of sections 165-20 through 165-30 of this Part 1 is hereby declared a misdemeanor except as otherwise provided by law.*
- (2) Any person who violates the provisions of sections 165-20 through 165-30 of this Part 1, upon conviction thereof in a court of competent jurisdiction, may be punished by a fine of not more than five hundred dollars (\$500.), and each day on which there is a failure to comply shall be and is hereby deemed to be a distinct and separate offense and punishable as such.*
- (3) The Town of Tonawanda may also maintain an action or proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction to collect a civil penalty of not over one thousand dollars (\$1,000.) for each violation of section 165-20 through 165-30 of this Part 1.*
- (4) The Town of Tonawanda may also maintain an action or proceeding in the name of the Town of Tonawanda in a court of competent jurisdiction for injunctive relief for any violation of Article VI of this Part 1.*

**18. ENFORCEMENT OF THE SEWER USE LAW AND PERMITS**

*The Town has developed and received USEPA approval of its Enforcement Response Plan which details the standard responses to be taken by the Town when it encounters various violations of the Sewer Use Law or the terms of this permit. Copies of this document are available at the office of the Pretreatment Administrator.*

## **Attachment 4**

# **NYSDEC Emergency Waste Transporter Permit**





NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION  
HAZARDOUS SUBSTANCES REGULATION - BUREAU OF HAZARDOUS WASTE OPERATIONS  
50 WOLF ROAD, ALBANY, NEW YORK 12233 7252

# EMERGENCY WASTE TRANSPORTER PERMIT

Pursuant to 6 NYCRR Part 364

No. of Additional Sheets Attached ☐

|                                                                                                                                                                                        |  |                           |  |                                                                                  |  |                                                  |  |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------|--|----------------------------------------------------------------------------------|--|--------------------------------------------------|--|
| NYSDEC PERMIT NUMBER or EXEMPT<br><b>EXEMPT</b>                                                                                                                                        |  | EPA TRANSPORTER ID NUMBER |  | VEHICLE LICENSE NUMBER<br><b>92-K55116, 93-K55123, 96-L26965, 97-K47003</b>      |  | STATE OF VEHICLE REGISTRATION<br><b>NEW YORK</b> |  |
| THIS PERMIT WILL AUTHORIZE:                                                                                                                                                            |  |                           |  |                                                                                  |  |                                                  |  |
| NAME OF PERMITTEE<br><b>TOWN OF TONAWANDA</b>                                                                                                                                          |  |                           |  |                                                                                  |  |                                                  |  |
| STREET ADDRESS<br><b>2919 DELAWARE AVENUE</b>                                                                                                                                          |  |                           |  |                                                                                  |  |                                                  |  |
| CITY<br><b>TONAWANDA</b>                                                                                                                                                               |  |                           |  | COUNTY<br><b>ERIE</b>                                                            |  | STATE<br><b>NY</b>                               |  |
|                                                                                                                                                                                        |  |                           |  |                                                                                  |  | ZIP CODE<br><b>14217</b>                         |  |
| permittee to transport <b>500</b> of <b>petroleum contaminated soils</b><br><small>(Amount - Cubic yards or truckloads)</small> <small>(Type of Waste)</small>                         |  |                           |  |                                                                                  |  |                                                  |  |
| from <b>303 WOODWARD AVENUE, TONAWANDA, ERIE COUNTY</b><br><small>(Spill location)</small>                                                                                             |  |                           |  |                                                                                  |  |                                                  |  |
| and deposit it at <b>TOWN OF TONAWANDA LANDFILL</b> The effective period of this<br><small>(Name of Disposal Facility)</small>                                                         |  |                           |  |                                                                                  |  |                                                  |  |
| authorization will be from <b>1/6/04</b> to <b>1/13/04</b> and is non-transferrable<br><small>(Time and Date)</small> <small>(Time and Date)</small>                                   |  |                           |  |                                                                                  |  |                                                  |  |
| <b>Dan King</b><br><small>(Control Office Contact)</small>                                                                                                                             |  |                           |  | <b>AA Calender</b><br><small>(Signature of DEC Representative)</small>           |  |                                                  |  |
| <b>DEC-DIV OF ENVIRONMENTAL REMEDIATION</b><br><small>(Title/Organizational Unit)</small>                                                                                              |  |                           |  | <b>DEC-DIV OF ENV. REMEDIATION</b><br><small>(Title/Organizational Unit)</small> |  |                                                  |  |
| <b>270 Michigan Ave Bldg, 14203</b><br><small>(Address)</small>                                                                                                                        |  |                           |  | <b>270 Michigan Ave Bldg, 14203</b><br><small>(Address)</small>                  |  |                                                  |  |
| <b>(716) 851-7220</b><br><small>(Telephone Number)</small>                                                                                                                             |  |                           |  | <b>(716) 851-7220</b><br><small>(Telephone Number)</small>                       |  |                                                  |  |
| This is to certify that <b>APPROXIMATELY 570 TONS</b> of the above cited<br><small>(Total amount or portion in cubic yards or truck loads)</small>                                     |  |                           |  |                                                                                  |  |                                                  |  |
| waste material was received at <b>TOWN OF TONAWANDA LANDFILL</b><br><small>(Name of Disposal Facility)</small>                                                                         |  |                           |  |                                                                                  |  |                                                  |  |
| <b>NICHOLAS V MORREALE</b> <b>Nich V Morreale</b> <b>MGR</b><br><small>(Signature of Disposal Facility Representative - PRINT NAME FOLLOWING SIGNATURE)</small> <small>(Title)</small> |  |                           |  |                                                                                  |  |                                                  |  |
| <b>EAST PARK DRIVE TOWN OF TONAWANDA, NEW YORK 14150</b><br><small>(Facility Address include city, county, state and zip code)</small>                                                 |  |                           |  |                                                                                  |  |                                                  |  |
| <b>716-286-3420</b><br><small>(Telephone Number)</small>                                                                                                                               |  |                           |  | <b>1-8-04 THRU 1-14-04</b><br><small>(Time and Date of Arrival)</small>          |  | <b>N.A.</b><br><small>(EPA Id. Number)</small>   |  |

## CONDITIONS:

1. This ORIGINAL must be filled out and signed by the DEC Representative before the spill material is transported to the disposal facility. A signature must be obtained from the operator or the representative of that facility after delivery of entire amount.
2. A copy of this permit must be carried in each vehicle and presented on demand to any Law Enforcement Officer or any representative of the Department of Environmental Conservation.
3. If the transporter has a valid NYSDEC Waste Transporter Permit, the permit number must be indicated in the upper left hand corner of this form. A copy of this form must be attached to the permit.
4. If no Part 364 permit exists, an exemption may be granted and this permit issued at the discretion of the on-site NYSDEC representative. In this case, no permit number is required on the vehicle.

NOTE: This permit does not relieve the transporter of the responsibility of complying with any other applicable

 TO BE COMPLETED BY DEC REPRESENTATIVE  
 DISPOSAL FACILITY

# **TABLE OF CONTENTS**

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- 2.0 ASBESTOS INVESTIGATION METHODS AND PROCEDURES
- 3.0 LABORATORY ANALYSIS PROCEDURES AND METHODOLOGIES
- 4.0 SURVEY FINDINGS

## **APPENDICES**

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| APPENDIX A | BULK SAMPLE LOCATION PLANS                 |
| APPENDIX B | ANALYTICAL RESULTS AND CHAIN OF CUSTODIES  |
| APPENDIX C | LABORATORY CERTIFICATES AND ACCREDITATIONS |
| APPENDIX D | ACM LOCATION PLANS                         |
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## 1.0 EXECUTIVE SUMMARY

LiRo-Kassner, Inc. was referred by the Town of Tonawanda Engineering Support Department to conduct an asbestos survey of the former Excelsior Steel Ball Facility located at 303 Woodward Avenue in Tonawanda, New York as shown in Figure-1. The inspection was conducted November 19th and November 20th, 2003 by Jason Colvin, a NYSDOL Certified Inspector.

The site buildings include the main manufacturing building (~25,000 sf), a large wooden storage building (~6,400 sf), and a garage/storage building (~1,400 sf). With the exception of the office area, the roof of the main building is constructed of steel trusses with clay tile panels with multiple layers of asphalt cover. The roof over the office area of the main building and the other buildings is constructed of wood framing and sheathing with multiple layers of asphalt cover.

The purpose of the survey was to identify, classify, and quantify asbestos containing materials (ACM) within the project scope area. Bulk material samples of suspect ACM were collected and submitted for laboratory analysis. The material was classified as ACM or non-ACM based on USEPA's definition of ACM as containing greater than 1 percent by weight of asbestos.

Results of the survey revealed asbestos containing materials including floor tile, pipe insulation, roofing materials, gasket material, window sealant tar, and insulation. The cumulative amount of ACM are quantified as follows:

- Floor Tile (non-friable): 792 SF
- Roofing material (non-friable): 52,000 SF
- Gasket Material (friable): 5 LF
- Window Sealant Tar (friable): 400 LF
- Air Cell Pipe Insulation (friable): 500 LF
- Wall Tile Mastic (non-friable): 384 SF
- Miscellaneous Surfacing Insulation (friable): 1 SF
- Floor Debris (friable): encompasses an area of approximately 1,450 SF
- Ground Debris (non-friable): encompasses an area of approximately 35,000 SF

The following report details the survey methods and results from the current investigation. A sample location plan, laboratory reports, an ACM location plan, certifications for LiRo and the laboratory are provided in Appendices A through E.

## 2.0 ASBESTOS INVESTIGATION METHODS AND PROCEDURES

The asbestos survey consisted of a visual inspection of the entire facility consisting of three buildings. Observations were made for suspect materials including *surfacing materials* such as fireproofing, refractory brick/mortar; *thermal system insulation* on pipes and other mechanical equipment; and *miscellaneous materials* such as floor tiles, tile mastic, ceiling tiles, window glazing, and gasket materials.

LiRo collected 168 samples of suspect asbestos-containing materials (ACM) on November 19 and November 20, 2003. The purpose of the sampling was to identify the presence of ACM that must

be removed prior to the building demolition. A complete summary of the specific asbestos samples and results is presented in Section 4.0.

Suspect materials were inventoried according to type and location, and bulk samples were collected of those suspect materials identified. The bulk samples were packaged in individual, single-use plastic bags marked with a sample identification number. Relevant sample information including the type of material sampled, and the sample identification number was documented on a sample log chain of custody sheet. The specific sample collection points were illustrated on the sample location plans which were re-drawn using CADD and are included in Appendix A.

LiRo's asbestos survey procedures incorporated reasonable and customary efforts to identify the location of accessible ACM within the project areas. LiRo's reasonable efforts are based on the Guidelines for survey protocols described by the USEPA (Asbestos Hazard Emergency Response Act published in the Federal Register in 40 CFR Part 763, Asbestos-Containing Materials in Schools; Final Rule and Notice, October 1987) and as qualified and clarified herein. These are considered Industry Standard survey protocols and are incorporated by New York State regulations pertaining to asbestos.

### **3.0 LABORATORY ANALYSIS PROCEDURES AND METHODOLOGIES**

Analysis for samples collected was performed by Scientific Laboratories, Inc. located at 117 East 30<sup>th</sup> Street in New York. Scientific Laboratories' National Voluntary Laboratory Accreditation Program (NVLAP) accreditation number is 190401 and their NYS Environmental Laboratory Approval Program (ELAP) number is 11480. Sample analytical results and chain of custody documentation are included in Appendix B of this report. Scientific Laboratories' laboratory certifications and accreditations are provided in Appendix C. Summary descriptions of the sample analysis methods are as follows:

#### Polarized Light Microscopy (PLM) for Friable Materials

Samples were analyzed by Polarized Light Microscopy (PLM) with dispersion staining according to the method specified in the EPA Interim Method of the Determination of Asbestos in Bulk Insulation Samples, Appendix A, Subpart F, 40 CFR Part 763. This is a standard of analysis in optical mineralogy and the currently accepted method for the determination of asbestos in friable bulk samples. A suspect material is immersed in a solution of known refractive index and subjected to illumination by polarized light. The component minerals are identified by their characteristic color under polarized light.

#### Transmission Electron Microscopy (TEM) for Non-Friable Organically Bound Materials (NOB's)

Detection of asbestos fibers used in non-friable organically bound materials (NOB's) such as floor tiles, mastics, roofing materials, and window caulking/glazing, is often extremely difficult because of the small fibers used during manufacture, their subsequent mixing and coating with organic matrix (vinyl, asphalt, etc.), and potential combination during sample preparation. To address this problem, specialized sample preparation (gravimetric reduction per Chatfield 1991) and analysis by Transmission Electron Microscopy is required.

The use of TEM addresses the principal that the limit of a microscope's ability to detect objects is affected by the wavelength of the source of "illumination". TEM's extremely short wavelength coupled with simple image presentation yields resolvable images of even the smallest asbestos fibers. Furthermore, identification of chrysotile or amphibole crystalline structure can be consistently produced via the electron-diffraction capabilities of modern TEMs. Accordingly, the TEM's resolution of up to 20,000 magnification provides the most reliable method for detecting and quantifying asbestos fibers in NOB's and is considered the only method that can be used to report true negative results from NOB samples.

#### Positive Stop Procedures for PLMs and TEMs

In accordance with the EPA guidelines, samples are categorized into "homogeneous groups" by material type. The number of samples to be taken for each group is dictated by the type and quantity of the material. All samples within the homogeneous group must be <1% asbestos in order to classify the material as "non-asbestos". Conversely, the positive result of any one sample dictates that the homogeneous group be classified as ACM. Thus, when the individual samples of each homogeneous group are analyzed, the laboratory will discontinue analysis when asbestos has been identified in one of the samples. These subsequent samples which have not yet been analyzed are reported as NA/PS ("Not Analyzed/Positive Stop") and the homogeneous material is classified as an asbestos-containing material.

#### **4.0 SURVEY FINDINGS**

The purpose of the survey was to identify, classify (asbestos containing or non-asbestos containing), and quantify all suspect asbestos containing materials which are present at areas within the buildings slated for demolition.

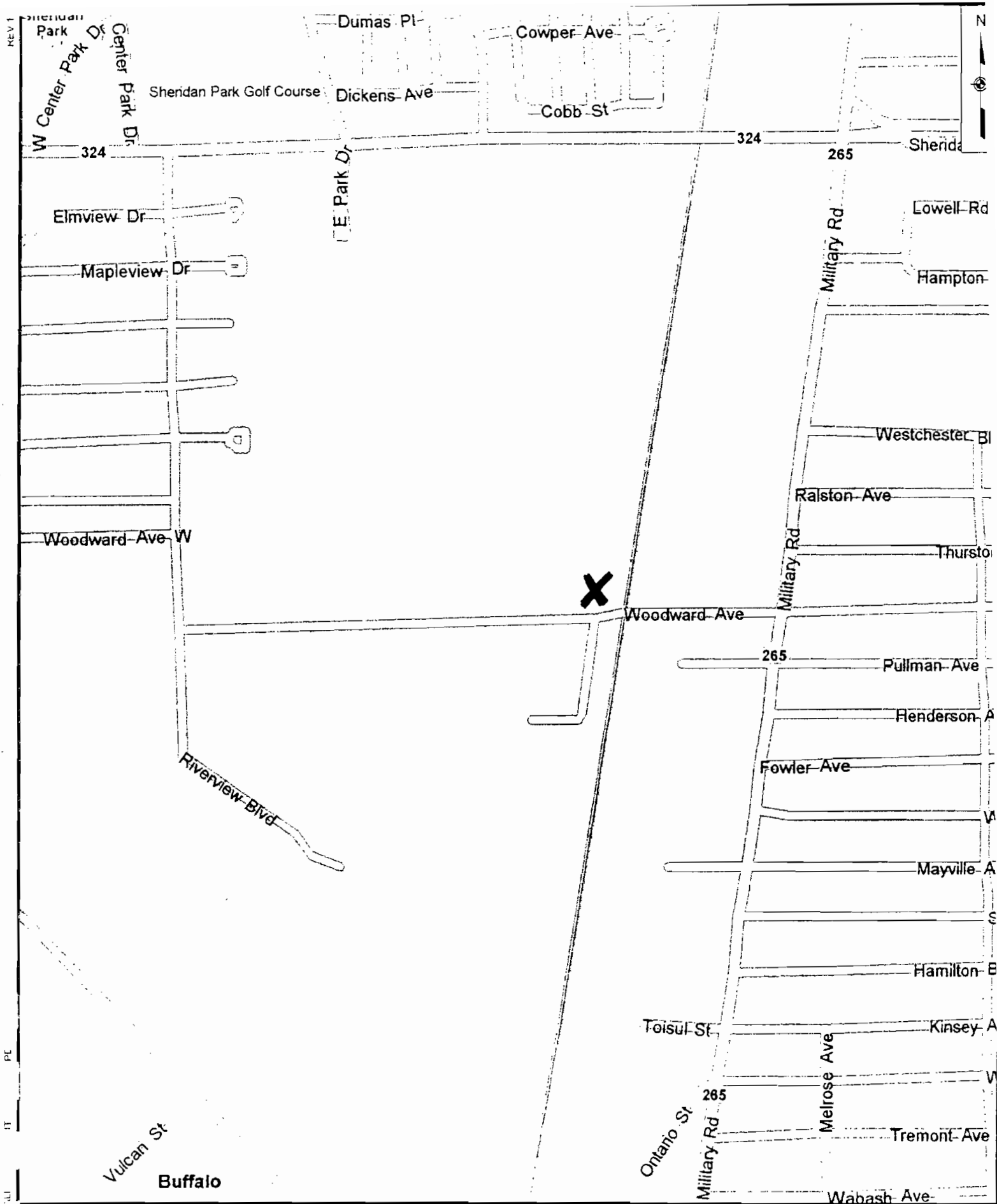
The cumulative amount of ACM are quantified as follows:

- Floor Tile (non-friable): 792 SF
- Roofing material (non-friable): 52,000 SF
- Gasket Material (friable): 5 LF
- Window Sealant Tar (friable): 400 LF
- Air Cell Pipe Insulation (friable): 500 LF
- Wall Tile Mastic (non-friable): 384 SF
- Miscellaneous Surfacing Insulation (friable): 1 SF
- Floor Debris (friable): encompasses an area of approximately 1,450 SF
- Ground Debris (non-friable): encompasses an area of approximately 35,000 SF

A summary of the samples collected and asbestos bulk sampling results are provided in Table 1.

The results show that asbestos containing materials are present in several areas of the facility. Asbestos was detected in floor tile present in the office area of the main building and in floor debris located in the shower area. Asbestos was detected in air cell pipe insulation located in the main building and garage. Asbestos was also detected in rope gasket material found on the below ground furnace. A sealant tar used on the exterior window cells of the main building and to seal cracks of the stucco was found to be ACM. Each of the separate asphalt/tar roof areas was found to contain

at least one component, present throughout the individual roofing surface, to be ACM. Due to the highly degraded condition of each of the roofing components, all asphalt/tar roofing at the facility (including ground debris) is considered to be ACM. The underlying wood roofing panels as well as the terra-cotta panels and its associated mortar were not found to contain asbestos. Much of the asphalt/tar roofing material has fallen to the ground and is assumed to be ACM. The non-friable mastic associated with the pink wall tile in the shower area is assumed to be ACM due to its age. Drawings showing the locations of the ACM are provided in Appendix D.



LiRo-Kassner, Inc.  
6 Aerial Way  
Syosset, New York

**EXCELSIOR STEEL BALL FACILITY**  
**303 WOODWARD AVE., TONAWANDA, N.Y.**

FIGURE NO.

1

TABLE 1  
ASBESTOS SURVEY

12/4/03

| Suspect Material/Description                        | Room Description              | Quantity | Sample ID         | Notes                 | ACM Present | Total % Asbestos* |
|-----------------------------------------------------|-------------------------------|----------|-------------------|-----------------------|-------------|-------------------|
| <b>RED FLOOR TILE</b>                               | OFFICE                        | 396 SF   | <b>M-1(A-C)-T</b> |                       | YES         | 4.9               |
| ASSOCIATED MASTIC                                   |                               |          | M-1(A-C)-M        |                       | NO          | NAD               |
| <b>BROWN FLOOR TILE</b>                             |                               | 396 SF   | <b>M-2(A-C)-T</b> |                       | YES         | 5.5               |
| ASSOCIATED MASTIC                                   |                               |          | M-2(A-C)-M        |                       | NO          | TRACE             |
| WALLBOARD                                           | MAIN HALLWAY                  |          | M-3(A-C)          | HG W/ SHOWER AREA     | NO          | NAD               |
| CEILING BOARD                                       |                               |          | M-4(A-C)          |                       | NO          | NAD               |
| <b>AIR CELL PIPE INSULATION</b>                     |                               | 46 LF    | <b>ASSUMED</b>    | HG W/DEFLASHING AREA  | YES         | ASSUMED           |
| BROWN FLOOR TILE WITH CLOTH BACKING                 |                               |          | M-6(A-C)          |                       | NO          | NAD               |
| BLACK 1/2" WIRE INSULATION                          | ATTIC                         |          | M-7(A-B)          |                       | NO          | TRACE             |
| BLACK/YELLOW 1/4" WIRE INSULATION                   |                               |          | M-8(A-B)          |                       | NO          | NAD               |
| <b>AIR CELL PIPE INSULATION</b>                     |                               | 36 LF    | <b>M-10(A-C)</b>  |                       | YES         | 67                |
| BLACK 1/4" WIRE INSULATION (RUNS 3 WIDE)            |                               |          | M-11(A-C)         |                       | NO          | NAD               |
| BROWN WIRE INSULATION INSIDE 1" GRAY PLASTIC CASING | BALL DEFLASHING/GRINDING AREA |          | M-12A             |                       | NO          | NAD               |
| <b>AIR CELL PIPE INSULATION</b>                     |                               | 325 LF   | <b>M-15(A,C)</b>  |                       | YES         | 22                |
| GRAY MACHINE BELT FABRIC                            |                               |          | M-16A             | HG W/ MACHINE SHOP    | NO          | NAD               |
| GRAY MACHINE BELT FABRIC                            |                               |          | M-16(B-C)         | HG W/ DEFLASHING AREA | NO          | NAD               |
| WHITE MACHINE BELT FABRIC                           | MACHINE SHOP                  |          | M-56A             |                       | NO          | NAD               |
| MORTAR ASSOCIATED W/ RED STACK BRICK                |                               |          | M-18(A-C)         |                       | NO          | NAD               |
| RED STACK BRICK                                     |                               |          | M-19(A-C)         |                       | NO          | NAD               |
| YELLOW STACK BRICK                                  |                               |          | M-20(A-C)         |                       | NO          | NAD               |
| MORTAR ASSOCIATED W/ YELLOW STACK BRICK             | SHOWER AREA                   |          | M-21(A-C)         |                       | NO          | NAD               |
| PINK WALL TILE                                      |                               |          | M-22(A-C)         |                       | NO          | NAD               |
| <b>PINK WALL TILE MASTIC</b>                        |                               | 384 SF   | <b>ASSUMED</b>    |                       | YES         | ASSUMED           |
| FLOOR DEBRIS - MISC                                 |                               | 575 SF   | M-23A             | SEE PHOTO 1           | NO          | TRACE             |
| FLOOR DEBRIS - ROOFING MATERIAL                     | STORAGE ADJ TO SHOWER AREA    |          | M-24A             |                       | NO          | NAD               |
| <b>FLOOR DEBRIS - AIR CELL PIPE INSULATION</b>      |                               | 6 LF     | <b>M-25A</b>      | HG W/ DEFLASHING AREA | YES         | 80                |
| <b>AIR CELL PIPE INSULATION</b>                     |                               |          | M-3(D-E)          | HG W/ OFFICE          | NO          | NAPS              |
| WALLBOARD                                           |                               |          | <b>ASSUMED</b>    | HG W/ DEFLASHING AREA | YES         | ASSUMED           |
| <b>AIR CELL PIPE INSULATION</b>                     | TRANSFORMER ROOM              | 25 LF    | M-34(A-C)         |                       | NO          | NAD               |
| TRANSITE PANEL                                      |                               |          | M-50(A-C)         |                       | NO          | NAD               |
| BRICK TO CIRCULAR FURNACE COVER                     |                               |          | M-51A             |                       | NO          | NAD               |
| MORTAR ASSOC W/ FURNACE COVER BRICK                 |                               |          | M-35(A-C)         |                       | NO          | NAD               |
| GRAY WALL BRICK                                     | BACK STORAGE AREA             |          | M-36(A-C)         |                       | NO          | NAD               |
| MORTAR ASSOC W/ WALL BRICK                          |                               |          | M-37(A-C)         |                       | NO          | NAD               |
| RED BRICK FLOOR                                     |                               |          | M-43(A-C)         |                       | NO          | NAD               |
| 1/2" BLACK WIRE INS RUNNING INTO CONDUIT            |                               |          | M-44(A-C)         |                       | NO          | NAD               |
| CIRCULAR FLOOR OVEN-INTERIOR BRICK                  | SEE PHOTO 2                   |          |                   |                       | NO          | NAD               |
| <b>CIRCULAR FLOOR OVEN-CLOTH GASKET</b>             |                               | 5 LF     | <b>M-45A</b>      |                       | YES         | 30.3              |

Bold Items Indicate Asbestos Containing Materials

HG - Homogenous

NAPS - Not Analyzed/Positive Stop

\* Total % Asbestos listed is the highest detected concentration for each listed set of samples



TABLE 1  
ASBESTOS SURVEY

12/14/03

| Suspect Material/Description                       | Room Description                                    | Quantity  | Sample ID | NOTES                                                                    | ACM Present | Total % Asbestos* |
|----------------------------------------------------|-----------------------------------------------------|-----------|-----------|--------------------------------------------------------------------------|-------------|-------------------|
| WHITE INTERIOR FURNACE BRICK (ADJ. TO MACHINE RM ) | BACK STORAGE AREA                                   |           | M-46(A-C) | SEE PHOTO 3                                                              | NO          | NAD               |
| EXTERIOR FURNACE BRICK (ADJ. TO MACHINE RM )       |                                                     |           | M-47(A-C) |                                                                          | NO          | NAD               |
| MORTAR ASSOC W/ INT. FURNACE BRICK                 |                                                     |           | M-48A     |                                                                          | NO          | NAD               |
| INTERIOR FURNACE DOOR - BRICK INSULATION           |                                                     |           | M-49A     |                                                                          | NO          | NAD               |
| WHITE/BROWN/BLACK WIRE INS (2 WIDE INTO CONDUIT)   | REAR FURNACE/PRESS ROOM                             |           | M-68(A-C) | SEE PHOTO 4                                                              | NO          | NAD               |
| WALLBOARD/CEILING BOARD                            |                                                     |           | M-38(A-C) |                                                                          | NO          | NAD               |
| FLOOR DEBRIS - MISC                                |                                                     |           | M-39A     |                                                                          | NO          | NAD               |
| WHITISH FURNACE BRICK                              |                                                     |           | M-40(A-C) |                                                                          | NO          | NAD               |
| PINKISH FURNACE BRICK                              | ROOM OFF BACK STORAGE AREA<br>LONG STORAGE BUILDING |           | M-41(A-C) |                                                                          | NO          | NAD               |
| ORANGE FURNACE BRICK                               |                                                     |           | M-42(A-C) |                                                                          | NO          | NAD               |
| WALLBOARD/CEILING BOARD                            |                                                     |           | M-52(A-C) |                                                                          | NO          | NAD               |
| 1/4" BLACK WIRE INSULATION                         |                                                     |           | M-60A     |                                                                          | NO          | NAD               |
| WALLBOARD/CEILING BOARD                            | EXTERIOR RM BEHIND SHOWER AREA                      | 1 SF      | M-61(A-C) |                                                                          | NO          | NAD               |
| WHITE INSULATION ON TOP OF TANK                    |                                                     |           | M-62A     |                                                                          | YES         | 44                |
| AIR CELL PIPE INSULATION                           | GARAGE                                              | 55 LF     | ASSUMED   | HG W/ DEFLASHING AREA                                                    | YES         | ASSUMED           |
| WINDOW GLAZING                                     |                                                     |           | M-17(A-E) |                                                                          | NO          | <1                |
| ASPHALT SIDING - MAIN BUILDING                     | EXTERIOR BUILDING PERIMETER                         |           | M-26(A-C) |                                                                          | NO          | NAD               |
| TAR PAPER BELOW ASPHALT SIDING - MAIN BLDG         |                                                     |           | M-28(A-C) |                                                                          | NO          | TRACE             |
| ASPHALT SIDING - RM OFF BACK STORAGE AREA          |                                                     |           | M-53(A-C) |                                                                          | NO          | NAD               |
| EXTERIOR STUCCO WALL                               |                                                     |           | M-54(A-C) |                                                                          | NO          | NAD               |
| GROUND DEBRIS - ROOFING MATERIAL                   | MAIN BLDG - WOOD ROOF                               | 100 LF    | M-55A     | SEE PHOTO 6                                                              | NO          | NAD               |
| DARK GRAY WINDOW TAR - BACK STORAGE AREA           |                                                     |           | M-64(A-C) |                                                                          | YES         | 12.9              |
| LIGHT GRAY WINDOW TAR - DEFLASH/GRIND AREA         |                                                     |           | M-67(A-C) |                                                                          | YES         | 4.8               |
| ROOF TOP LAYER                                     |                                                     |           | M-29(A-C) | SEE PHOTO 7                                                              | YES         | NA                |
| ROOF MID-LAYER                                     | TRANSFORMER ROOM / MAIN BLDG<br>CLAY ROOF           | 14,040 SF | M-30(A-C) |                                                                          |             | NA                |
| ROOF BOTTOM LAYER                                  |                                                     |           | M-31(A-C) |                                                                          |             | 10.2              |
| GRAY/SILVER ROOFING PAPER                          |                                                     |           | M-63(A-C) |                                                                          |             | 24.9              |
| TERRA-COTTA                                        | LONG STORAGE BLDG - ROOF                            | 7,000 SF  | M-13(A-B) |                                                                          | NO          | NAD               |
| MORTAR ASSOC W/ TERRA-COTTA                        |                                                     |           | M-14(A-C) |                                                                          | NO          | NAD               |
| ASPHALT ROOFING TOP LAYER                          |                                                     |           | M-32(A-C) |                                                                          | NO          | NAD               |
| ASPHALT ROOFING BOTTOM LAYER                       |                                                     |           | M-33(A-C) | SEE PHOTO 8                                                              | NO          | NAD               |
| FELT PAPER ABOVE TERRA-COTTA                       | CENTER GARAGE ROOF                                  | 1,288 SF  | M-65(A-C) |                                                                          | NO          | NAD               |
| ROOF FLASHING TAR                                  |                                                     |           | M-66(A-C) |                                                                          | YES         | 1.6               |
| TOP ASPHALT ROOFING LAYER                          |                                                     |           | M-57(A-C) |                                                                          | YES         | 5.4               |
| BOTTOM ASPHALT ROOFING LAYER                       | LONG STORAGE BLDG - ROOF                            | 7,000 SF  | M-58(A-C) | SEE PHOTO 9                                                              | NO          | NAD               |
| TERRA-COTTA                                        |                                                     |           | M-13C     |                                                                          | NO          | NAD               |
| ASPHALT ROOFING TOP LAYER                          |                                                     |           | ASSUMED   |                                                                          | NO          | NAD               |
| ASPHALT ROOFING BOTTOM LAYER                       |                                                     |           | ASSUMED   | HG W/ MAIN BLDG<br>HG W/ MAIN BLDG<br>HG W/ MAIN BLDG<br>HG W/ MAIN BLDG | YES         | ASSUMED           |
| FELT PAPER ABOVE TERRA-COTTA                       | CENTER GARAGE ROOF                                  | 1,288 SF  | ASSUMED   |                                                                          |             | ASSUMED           |
| ROOF FLASHING TAR                                  |                                                     |           | ASSUMED   |                                                                          |             | ASSUMED           |
|                                                    |                                                     |           | ASSUMED   |                                                                          |             | ASSUMED           |

Bold Items Indicate Asbestos Containing Materials

HG- Homogenous

NA/PS - Not Analyzed/Positive Stop

\* Total % Asbestos listed is the highest detected concentration for each listed set of samples

**APPENDIX A**

**BULK SAMPLE LOCATION PLANS**

White survey

**Table I**  
**Summary of Bulk Asbestos Analysis Results**

03-68-446; Tonawanda Excellsior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location | HG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|-------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 01              | M-1A-T Office           | 1T      | 0.26                 | 23.85                    | 43.08                    | 28.18                              | Chrysotile 4.9          | NA                   |
| 02              | M-1A-M Office           | 1M      | 0.312                | 94.87                    | 2.56                     | 2.46                               | NAD                     | Chrysotile Trace     |
| 03              | M-1B-T Office           | 1T      | 0.345                | 24.06                    | 40.58                    | 35.36                              | NA/PS                   | NA                   |
| 04              | M-1B-M Office           | 1M      | 0.259                | 95.75                    | 1.54                     | 2.60                               | NAD                     | Chrysotile Trace     |
| 05              | M-1C-T Office           | 1T      | 0.253                | 23.32                    | 46.64                    | 30.04                              | NA/PS                   | NA                   |
| 06              | M-1C-M Office           | 1M      | 0.376                | 94.68                    | 2.66                     | 2.56                               | NAD                     | Chrysotile Trace     |
| 07              | M-2A-T Office           | 2T      | 0.417                | 27.82                    | 44.60                    | 22.08                              | Chrysotile 5.5          | NA                   |
| 08              | M-2A-M Office           | 2M      | 0.431                | 86.31                    | 6.50                     | 6.19                               | Chrysotile Trace        | NA                   |
| 09              | M-2B-T Office           | 2T      | 0.267                | 25.47                    | 46.07                    | 28.46                              | NA/PS                   | NA                   |
| 10              | M-2B-M Office           | 2M      | 0.315                | 85.71                    | 4.76                     | 9.52                               | NAD                     | NA                   |
| 11              | M-2C-T Office           | 2T      | 0.33                 | 26.36                    | 41.82                    | 31.82                              | NA/PS                   | NA                   |
| 12              | M-2C-M Office           | 2M      | 0.356                | 88.20                    | 3.65                     | 7.15                               | Chrysotile Trace        | NA                   |
| 13              | M-3A Office             | 3       | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |

**Table I**  
**Summary of Bulk Asbestos Analysis Results**

03-68-446; Tonawanda Excellsior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location                    | HG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|--------------------------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 14              | M-3B Office                                | 3       | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 15              | M-3C Office                                | 3       | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 16              | M-3D Shower Area                           | 3       | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 17              | M-3E Shower Area                           | 3       | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 18              | M-4A Office                                | 4       | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 19              | M-4B Office                                | 4       | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 20              | M-4C Office                                | 4       | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 21              | M-6A Room Between Entry Hallway And Office | 6       | 0.552                | 58.15                    | 30.80                    | 11.05                              | NAD                     | NAD                  |
| 22              | M-6B Room Between Entry Hallway And Office | 6       | 0.342                | 52.92                    | 36.26                    | 10.82                              | NAD                     | NAD                  |
| 23              | M-6C Room Between Entry Hallway And Office | 6       | 0.335                | 58.21                    | 27.76                    | 14.03                              | NAD                     | NAD                  |
| 24              | M-7A Attic                                 | 7       | 0.392                | 86.22                    | 8.16                     | 5.51                               | NAD                     | Chrysotile Trace     |
| 25              | M-7B Attic                                 | 7       | 0.33                 | 90.61                    | 5.45                     | 3.94                               | NAD                     | NAD                  |
| 26              | M-8A Attic                                 | 8       | 0.431                | 52.44                    | 35.27                    | 12.30                              | NAD                     | NAD                  |

**Table I**  
**Summary of Bulk Asbestos Analysis Results**  
 03-68-446; Tonawanda Excelsior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location | HG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|-------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 27              | M-8B Attic              | 8       | 0.313                | 52.72                    | 36.74                    | 10.54                              | NAD                     | NAD                  |
| 28              | M-10A Attic - Side Room | 10      | ----                 | ----                     | ----                     | ----                               | Chrysotile 67.          | NA                   |
| 29              | M-10B Attic - Side Room | 10      | ----                 | ----                     | ----                     | ----                               | NA/PS                   | NA                   |
| 30              | M-10C Attic - Side Room | 10      | ----                 | ----                     | ----                     | ----                               | NA/PS                   | NA                   |
| 31              | M-11A Attic             | 11      | 0.489                | 98.98                    | 0.20                     | 0.82                               | NAD                     | NAD                  |
| 32              | M-11B Attic             | 11      | 0.512                | 98.44                    | 1.17                     | 0.39                               | NAD                     | NAD                  |
| 33              | M-11C Attic             | 11      | 0.503                | 98.61                    | 0.80                     | 0.60                               | NAD                     | NAD                  |
| 34              | M-12A Attic             |         | 0.29                 | 64.14                    | 34.48                    | 1.38                               | NAD                     | NAD                  |
| 35              | M-13A Attic             | 13      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 36              | M-13B Transformer Room  | 13      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 37              | M-13C Center Garage     | 13      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 38              | M-14A Attic             | 14      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 39              | M-14B Attic             | 14      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |

**Table I**  
**Summary of Bulk Asbestos Analysis Results**

03-68-446; Tonawanda Excellisior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location              | WG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|--------------------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 40              | M-14C Attic                          | 14      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 41              | M-15A Ball Deflashing/Grind Area     | 15      | ----                 | ----                     | ----                     | ----                               | Chrysotile 22.          | NA                   |
| 42              | M-15B Shower Area                    | 15      | ----                 | ----                     | ----                     | ----                               | NA/PS                   | NA                   |
| 43              | M-15C Deflashing/Grinding Area       | 15      | ----                 | ----                     | ----                     | ----                               | NA/PS                   | NA                   |
| 44              | M-16A Ball Deflashing/Grind Area     | 16      | 0.461                | 95.44                    | 2.60                     | 1.95                               | NAD                     | NAD                  |
| 45              | M-16B Machine Shop                   | 16      | 0.146                | 95.89                    | 3.42                     | 0.68                               | NAD                     | NAD                  |
| 46              | M-16C Machine Shop                   | 16      | 0.30                 | 96.00                    | 3.00                     | 1.00                               | NAD                     | NAD                  |
| 47              | M-17A 1st Room Left Off Main Hallway | 17      | 0.403                | 12.16                    | 71.46                    | 16.13                              | Anthophyllite Trace     | Anthophyllite <1.0   |
| 48              | M-17B 1st Room Left Off Main Hallway | 17      | 0.493                | 8.52                     | 83.98                    | 7.26                               | NAD                     | Anthophyllite <1.0   |
| 49              | M-17C 1st Room Left Off Main Hallway | 17      | 0.598                | 8.36                     | 73.91                    | 17.48                              | Anthophyllite Trace     | Anthophyllite <1.0   |
| 50              | M-17D Back Storage Area              | 17      | 0.281                | 7.12                     | 85.05                    | 7.58                               | Anthophyllite Trace     | Anthophyllite <1.0   |
| 51              | M-17E Machine Shop                   | 17      | 0.662                | 6.34                     | 78.10                    | 15.31                              | NAD                     | Anthophyllite <1.0   |
| 52              | M-18A Shower Area                    | 18      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |

Client Name: The Liro Group

### Table I Summary of Bulk Asbestos Analysis Results

03-68-446; Tonawanda Excelsior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location                                      | HG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|--------------------------------------------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 53              | M-18B Shower Area                                            | 18      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 54              | M-18C Shower Area                                            | 18      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 55              | M-19A Shower Area                                            | 19      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 56              | M-19B Shower Area                                            | 19      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 57              | M-19C Shower Area                                            | 19      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 58              | M-20A Shower Area                                            | 20      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 59              | M-20B Shower Area                                            | 20      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 60              | M-20C Shower Area                                            | 20      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 61              | M-21A Shower Area                                            | 21      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 62              | M-21B Shower Area                                            | 21      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 63              | M-21C Shower Area                                            | 21      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 64              | M-22A-T Shower Area                                          | 22T     | 0.209                | 71.29                    | 19.62                    | 9.09                               | NAD                     | NAD                  |
| 65              | M-22A-M Shower Area "Insufficient Material For Preparation." | 22M     | ----                 | ----                     | ----                     | ----                               | NA                      | NA                   |



**Table I**  
**Summary of Bulk Asbestos Analysis Results**

03-68-446; Tonawanda Excellisior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location                                      | HG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|--------------------------------------------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 66              | M-22B-T Shower Area                                          | 22T     | 0.186                | 69.35                    | 20.43                    | 10.22                              | NAD                     | NAD                  |
| 67              | M-22B-M Shower Area "Insufficient Material For Preparation " | 22M     | ----                 | ----                     | ----                     | ----                               | NA                      | NA                   |
| 68              | M-22C-T Shower Area                                          | 22T     | 0.248                | 75.00                    | 17.34                    | 7.66                               | NAD                     | NAD                  |
| 69              | M-22C-M Shower Area "Insufficient Material For Preparation." | 22M     | ----                 | ----                     | ----                     | ----                               | NA                      | NA                   |
| 70              | M-23A Shower Area                                            | ----    | ----                 | ----                     | ----                     | ----                               | Chrysotile Trace        | NA                   |
| 71              | M-24A Shower Area                                            | ----    | 0.457                | 87.31                    | 5.25                     | 7.44                               | NAD                     | NAD                  |
| 72              | M-25A Shower Area                                            | ----    | ----                 | ----                     | ----                     | ----                               | Chrysotile 80.          | NA                   |
| 73              | M-26A Exterior Of Shower Area                                | 26      | 0.503                | 51.89                    | 31.61                    | 16.50                              | NAD                     | NAD                  |
| 74              | M-26B Exterior Of Shower Area                                | 26      | 0.407                | 52.83                    | 29.48                    | 17.69                              | NAD                     | NAD                  |
| 75              | M-26C Exterior Of Shower Area                                | 26      | 0.387                | 54.52                    | 29.97                    | 15.50                              | NAD                     | NAD                  |
| 76              | M-28A Exterior Of Shower Area                                | 28      | 0.285                | 97.89                    | 1.40                     | 0.60                               | NAD                     | Chrysotile Trace     |
| 77              | M-28B Exterior Of Shower Area                                | 28      | 0.341                | 97.95                    | 1.47                     | 0.59                               | NAD                     | NAD                  |
| 78              | M-28C Exterior Of Shower Area                                | 28      | 0.348                | 97.41                    | 0.57                     | 2.01                               | NAD                     | NAD                  |

Table I

## Summary of Bulk Asbestos Analysis Results

03-68-446; Tonawanda Excelsior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location               | HQ Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|---------------------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 79              | M-29A<br>Wood Based Roof - Main Bldg. | 29      | 0.592                | 78.72                    | 10.30                    | 10.98                              | NA                      | NA                   |
| 80              | M-29B<br>Wood Based Roof - Main Bldg. | 29      | 0.401                | 83.79                    | 5.99                     | 10.22                              | NA                      | NA                   |
| 81              | M-29C<br>Wood Based Roof - Main Bldg. | 29      | 0.631                | 71.16                    | 14.90                    | 13.95                              | NA                      | NA                   |
| 82              | M-30A<br>Wood Based Roof - Main Bldg. | 30      | 0.373                | 87.13                    | 2.95                     | 9.92                               | NA                      | NA                   |
| 83              | M-30B<br>Wood Based Roof - Main Bldg. | 30      | 0.551                | 50.45                    | 4.90                     | 44.65                              | NA                      | NA                   |
| 84              | M-30C<br>Wood Based Roof - Main Bldg. | 30      | 0.85                 | 53.65                    | 4.12                     | 42.24                              | NA                      | NA                   |
| 85              | M-31A<br>Wood Based Roof - Main Bldg. | 31      | 0.408                | 97.55                    | 0.98                     | 1.47                               | NA/PS                   | NA                   |
| 86              | M-31B<br>Wood Based Roof - Main Bldg. | 31      | 0.376                | 97.87                    | 1.60                     | 0.53                               | NA/PS                   | NA                   |
| 87              | M-31C<br>Wood Based Roof - Main Bldg. | 31      | 0.519                | 67.05                    | 8.09                     | 14.66                              | Chrysotile 10.2         | NA                   |
| 88              | M-32A<br>Transformer Room             | 32      | 0.806                | 95.66                    | 1.12                     | 3.23                               | NAD                     | NAD                  |
| 89              | M-32B<br>Transformer Room             | 32      | 0.564                | 91.13                    | 2.30                     | 6.56                               | NAD                     | NAD                  |
| 90              | M-32C<br>Transformer Room             | 32      | 2.357                | 74.88                    | 3.35                     | 21.76                              | NAD                     | NAD                  |
| 91              | M-33A<br>Transformer Room             | 33      | 0.471                | 94.69                    | 3.18                     | 2.12                               | NAD                     | NAD                  |

**Table I**  
**Summary of Bulk Asbestos Analysis Results**

03-68-446; Tonawanda Excelsior Asbestos Inspection; 303 Woodward Ave.

| SciLab<br>Sample<br># | Client<br>Sample#<br>Location | HG<br>Area | Sample<br>Weight<br>(gram) | Heat<br>Sensitive<br>Organic % | Acid<br>Soluble<br>Inorganic % | Insoluble<br>Non-Asbestos<br>Inorganic % | ** Asbestos % by<br>PLM/DS | ** Asbestos % by<br>TEM |
|-----------------------|-------------------------------|------------|----------------------------|--------------------------------|--------------------------------|------------------------------------------|----------------------------|-------------------------|
| 92                    | M-33B<br>Transformer Room     | 33         | 0.464                      | 93.53                          | 3.88                           | 2.59                                     | NAD                        | NAD                     |
| 93                    | M-33C<br>Transformer Room     | 33         | 0.734                      | 92.51                          | 3.95                           | 3.54                                     | NAD                        | NAD                     |
| 94                    | M-34A<br>Transformer Room     | 34         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |
| 95                    | M-34B<br>Transformer Room     | 34         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |
| 96                    | M-34C<br>Transformer Room     | 34         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |
| 97                    | M-35A<br>Back Storage Area    | 35         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |
| 98                    | M-35B<br>Back Storage Area    | 35         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |
| 99                    | M-35C<br>Back Storage Area    | 35         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |
| 100                   | M-36A<br>Back Storage Area    | 36         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |
| 101                   | M-36B<br>Back Storage Area    | 36         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |
| 102                   | M-36C<br>Back Storage Area    | 36         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |
| 103                   | M-37A<br>Back Storage Area    | 37         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |
| 104                   | M-37B<br>Back Storage Area    | 37         | ----                       | ----                           | ----                           | ----                                     | NAD                        | NA                      |

**Table I**  
**Summary of Bulk Asbestos Analysis Results**  
 03-68-446; Tonawanda Excelsior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location          | HG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|----------------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 105             | M-37C<br>Back Storage Area       | 37      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 106             | M-38A<br>Rear Furnace/Press Room | 38      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 107             | M-38B<br>Rear Furnace/Press Room | 38      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 108             | M-38C<br>Rear Furnace/Press Room | 38      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 109             | M-39A<br>Rear Furnace/Press Room |         | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 110             | M-40A<br>Rear Furnace/Press Room | 40      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 111             | M-40B<br>Rear Furnace/Press Room | 40      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 112             | M-40C<br>Rear Furnace/Press Room | 40      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 113             | M-41A<br>Rear Furnace/Press Room | 41      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 114             | M-41B<br>Rear Furnace/Press Room | 41      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 115             | M-41C<br>Rear Furnace/Press Room | 41      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 116             | M-42A<br>Rear Furnace/Press Room | 42      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 117             | M-42B<br>Rear Furnace/Press Room | 42      | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |

**Table I**  
**Summary of Bulk Asbestos Analysis Results**

03-68-446; Tonawanda Excellisior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location                             | HG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|-----------------------------------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 118             | M-42C<br>Rear Furnace/Press Room                    | 42      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 119             | M-43A<br>Back Storage Area                          | 43      | 0.11                 | 78.18                    | 17.27                    | 4.55                               | NAD                     | NAD                  |
| 120             | M-43B<br>Back Storage Area                          | 43      | 0.369                | 57.45                    | 31.71                    | 10.84                              | NAD                     | NAD                  |
| 121             | M-43C<br>Back Storage Area                          | 43      | 0.385                | 62.34                    | 28.05                    | 9.61                               | NAD                     | NAD                  |
| 122             | M-44A<br>Circular Floor Oven                        | 44      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 123             | M-44B<br>Circular Floor Oven                        | 44      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 124             | M-44C<br>Circular Floor Oven                        | 44      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 125             | M-45A<br>Circular Floor Oven                        |         | 0.87                 | 30.92                    | 18.51                    | 20.27                              | Chrysotile 30.3         | NA                   |
| 126             | M-46A<br>Back Storage Area Adjacent To Machine Room | 46      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 127             | M-46B<br>Back Storage Area Adjacent To Machine Room | 46      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 128             | M-46C<br>Back Storage Area Adjacent To Machine Room | 46      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 129             | M-47A<br>Back Storage Area Adjacent To Machine Room | 47      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 130             | M-47B<br>Back Storage Area Adjacent To Machine Room | 47      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |

**Table I**  
**Summary of Bulk Asbestos Analysis Results**

03-68-446; Tonawanda Excelsior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location                             | HG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|-----------------------------------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 131             | M-47C<br>Back Storage Area Adjacent To Machine Room | 47      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 132             | M-48A<br>Back Storage Area Adjacent To Machine Room |         | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 133             | M-49A<br>Back Storage Area Adjacent To Machine Room |         | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 134             | M-50A<br>Transformer Room                           | 50      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 135             | M-50B<br>Transformer Room                           | 50      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 136             | M-50C<br>Transformer Room                           | 50      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 137             | M-51A<br>Transformer Room                           |         | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 138             | M-52A<br>Room Off Back Storage Area                 | 52      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 139             | M-52B<br>Room Off Back Storage Area                 | 52      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 140             | M-52C<br>Room Off Back Storage Area                 | 52      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 141             | M-53A<br>Room Off Back Storage Area                 | 53      | 0.74                 | 37.97                    | 34.59                    | 27.43                              | NAD                     | NAD                  |
| 142             | M-53B<br>Room Off Back Storage Area                 | 53      | 0.741                | 43.18                    | 26.99                    | 29.82                              | NAD                     | NAD                  |
| 143             | M-53C<br>Room Off Back Storage Area                 | 53      | 1.041                | 72.72                    | 15.85                    | 11.43                              | NAD                     | NAD                  |

**Table I**  
**Summary of Bulk Asbestos Analysis Results**

03-68-446; Tonawanda Excellsior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location                   | HG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|-------------------------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 144             | M-55A<br>Ground Behind Back Storage Area  |         | 0.407                | 67.81                    | 29.48                    | 2.70                               | NAD                     | NAD                  |
| 145             | M-56A<br>Machine Shop                     |         | 0.26                 | 78.85                    | 20.77                    | 0.38                               | NAD                     | NAD                  |
| 146             | M-57A<br>Long Side Storage Bldg.          | 57      | 0.522                | 48.28                    | 17.24                    | 34.48                              | NA/PS                   | NA                   |
| 147             | M-57B<br>Long Side Storage Bldg.          | 57      | 1.009                | 53.32                    | 9.51                     | 37.17                              | NA/PS                   | NA                   |
| 148             | M-57C<br>Long Side Storage Bldg.          | 57      | 0.495                | 49.70                    | 11.31                    | 33.59                              | Chrysotile 5.4          | NA                   |
| 149             | M-58A<br>Long Side Storage Bldg.          | 58      | 0.751                | 87.62                    | 3.46                     | 8.92                               | NAD                     | NA                   |
| 150             | M-58B<br>Long Side Storage Bldg.          | 58      | 0.543                | 85.27                    | 4.42                     | 10.31                              | NAD                     | NA                   |
| 151             | M-58C<br>Long Side Storage Bldg.          | 58      | 0.694                | 86.17                    | 5.76                     | 8.07                               | NAD                     | NA                   |
| 152             | M-60A<br>Long Side Storage Bldg.          |         | 0.201                | 71.64                    | 25.37                    | 2.99                               | NAD                     | NAD                  |
| 153             | M-61A<br>Exterior Room Behind Shower Area | 61      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 154             | M-61B<br>Exterior Room Behind Shower Area | 61      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 155             | M-61C<br>Exterior Room Behind Shower Area | 61      | ----                 | ----                     | ----                     | ----                               | NAD                     | NA                   |
| 156             | M-62A<br>Exterior Room Behind Shower Area |         | ----                 | ----                     | ----                     | ----                               | Chrysotile 44.          | NA                   |

**Table I**  
**Summary of Bulk Asbestos Analysis Results**

03-68-446; Tonawanda Excelsior Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location               | HG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|---------------------------------------|---------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 157             | M-63A<br>Wood Based Roof - Main Bldg. | 63      | 0.362                | 28.73                    | 8.84                     | 37.53                              | Chrysotile 24.9         | NA                   |
| 158             | M-63B<br>Wood Based Roof - Main Bldg. | 63      | 0.489                | 36.40                    | 5.93                     | 57.67                              | NA/PS                   | NA                   |
| 159             | M-63C<br>Wood Based Roof - Main Bldg. | 63      | 0.274                | 28.47                    | 9.49                     | 62.04                              | NA/PS                   | NA                   |
| 160             | M-64A<br>Back Storage Area            | 64      | 0.795                | 59.25                    | 8.43                     | 19.43                              | Chrysotile 12.9         | NA                   |
| 161             | M-64B<br>Back Storage Area            | 64      | 0.563                | 52.93                    | 34.10                    | 12.97                              | NA/PS                   | NA                   |
| 162             | M-64C<br>Back Storage Area            | 64      | 0.443                | 63.43                    | 20.54                    | 16.03                              | NA/PS                   | NA                   |
| 163             | M-65A<br>Back Storage Area            | 65      | 0.571                | 92.82                    | 4.38                     | 2.80                               | NAD                     | NA                   |
| 164             | M-65B<br>Back Storage Area            | 65      | 0.87                 | 89.89                    | 4.94                     | 5.17                               | NAD                     | NA                   |
| 165             | M-65C<br>Back Storage Area            | 65      | 0.858                | 92.54                    | 3.96                     | 3.50                               | NAD                     | NA                   |
| 166             | M-66A<br>Back Storage Area            | 66      | 0.82                 | 90.73                    | 2.80                     | 4.86                               | Chrysotile 1.6          | NA                   |
| 167             | M-66B<br>Back Storage Area            | 66      | 1.121                | 92.69                    | 1.61                     | 5.71                               | NA/PS                   | NA                   |
| 168             | M-66C<br>Back Storage Area            | 66      | 0.706                | 91.93                    | 1.70                     | 6.37                               | NA/PS                   | NA                   |
| 169             | M-67A<br>Deflashing/Grind Area        | 67      | 0.464                | 53.88                    | 29.96                    | 11.36                              | Chrysotile 4.8          | NA                   |



**Table I**  
**Summary of Bulk Asbestos Analysis Results**

03-68-446; Tonawanda Excellisor Asbestos Inspection; 303 Woodward Ave.

| SciLab Sample # | Client Sample# Location        | IIG Area | Sample Weight (gram) | Heat Sensitive Organic % | Acid Soluble Inorganic % | Insoluble Non-Asbestos Inorganic % | ** Asbestos % by PLM/DS | ** Asbestos % by TEM |
|-----------------|--------------------------------|----------|----------------------|--------------------------|--------------------------|------------------------------------|-------------------------|----------------------|
| 170             | M-67B<br>Deflashing/Grind Area | 67       | 0.593                | 55.14                    | 28.33                    | 16.53                              | NA/PS                   | NA                   |
| 171             | M-67C<br>Deflashing/Grind Area | 67       | 0.818                | 52.81                    | 29.34                    | 17.85                              | NA/PS                   | NA                   |
| 172             | M-68A<br>Back Storage Area     | 68       | 0.149                | 93.29                    | 6.04                     | 0.67                               | NAD                     | NAD                  |
| 173             | M-68B<br>Back Storage Area     | 68       | 1.133                | 96.73                    | 2.03                     | 1.24                               | NAD                     | NAD                  |
| 174             | M-68C<br>Back Storage Area     | 68       | 0.128                | 75.00                    | 14.84                    | 10.16                              | NAD                     | NAD                  |
| 175             | M-54A<br>Back Storage Area     | 54       | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 176             | M-54B<br>Back Storage Area     | 54       | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |
| 177             | M-54C<br>Back Storage Area     | 54       | ---                  | ---                      | ---                      | ---                                | NAD                     | NA                   |

Analyzed by: Aleksandr Barengolis; Date Analyzed 12/1/03

Quantitative Analysis (Semi/Full), Bulk Asbestos Analysis - PLM by EPA 600/M4-82-020 per 40 CFR (NVLAP Lab#200546-0); TEM (Semi/Full) by EPA 600/R-93/116 (not covered by NVLAP Bulk accreditation), or ELAP 198.1/198.4 for New York samples (NYSDOH ELAP#11480); NAD = no asbestos detected during a quantitative analysis; NA = not analyzed; Trace = <1%; Quantitation for beginning weights of <0.1 grams should be considered as qualitative only; Qualitative Analysis: Asbestos analysis results of "Present" or "N/A = No Visible Asbestos" represents results for Qualitative PLM or TEM Analysis only (no accreditation coverage available from any regulatory agency for qualitative analyses); AIIA Lab#102843.

Warning Note: PLM limitation, only TEM will resolve fibers <0.25 micrometers in diameter. TEM bulk analysis is representative of the fine grained matrix material and may not be representative of non-uniformly dispersed debris for which PLM evaluation is recommended (i.e. soils and other heterogeneous materials).

Reviewed By: 

**APPENDIX B**

**ANALYTICAL RESULTS AND CHAIN OF CUSTODIES**

**LiRo-Kassner, Inc.**  
**ENVIRONMENTAL & ENGINEERING SERVICES**

690 Delaware Avenue  
Buffalo, New York 14209  
Tel. 716-882-5476 / Fax 716-882-9640

**Bulk Sampling Chain of Custody Form**

LiRo Job: 03-68-446

Job Name: Tonawanda Excelsior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building /Site \_\_\_\_\_

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

Turn-Around-Time: \_\_\_\_\_

**203113037**

| ACMI Code | Sample Number | SAMPLE LOCATION       | DESCRIPTION OF MATERIAL                                 | MATERIAL QUANTITY (sf, lf, cy) | NOTES |
|-----------|---------------|-----------------------|---------------------------------------------------------|--------------------------------|-------|
|           | M-66A         | BACK STORAGE AREA     | ROOF FLASHING                                           |                                | TEM   |
|           | M-66B         | BACK STORAGE AREA     | ROOF FLASHING                                           |                                |       |
|           | M-66C         | BACK STORAGE AREA     | ROOF FLASHING                                           |                                |       |
|           | M-67A         | DEFLASHING/GRIND AREA | GRAY EXT. WINDOW TAR                                    |                                | TEM   |
|           | M-67B         | DEFLASHING/GRIND AREA | GRAY EXT. WINDOW TAR                                    |                                |       |
|           | M-67C         | DEFLASHING/GRIND AREA | GRAY EXT. WINDOW TAR                                    |                                |       |
|           | M-68A         | BACK STORAGE AREA     | WHITE/BROWN/BLACK WIRE INSULATION (2 WIDE INTO CONDUIT) |                                | TEM   |
|           | M-68B         | BACK STORAGE AREA     | WHITE/BROWN/BLACK WIRE INSULATION (2 WIDE INTO CONDUIT) |                                |       |
|           | M-68C         | BACK STORAGE AREA     | WHITE/BROWN/BLACK WIRE INSULATION (2 WIDE INTO CONDUIT) |                                |       |
|           | M-54A         | BACK STORAGE AREA     | EXTERIOR STUCCO WALL                                    |                                | TEM   |

Comments: Please stop at 1st positive in any group

|                                                    |                               |                                                |                               |
|----------------------------------------------------|-------------------------------|------------------------------------------------|-------------------------------|
| Relinquished By (Signature)<br><i>Jason Colvin</i> | Date / Time<br>11/24/03 18:00 | Received By (Signature)<br><i>Madara Sotom</i> | Date / Time<br>11/25/03 10:15 |
|----------------------------------------------------|-------------------------------|------------------------------------------------|-------------------------------|

Tel. 716-882-5476 / Fax 716-882-9640

## Bulk Sampling Chain of Custody Form

203113037

Like Job: 03-68-446

Job Name: Tonawanda Excellisior Asbestos Inspection

**Job Location:** 303 Woodward Ave

Samples Taken by: Jason Colvin

Building /Site

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

**Turn-Around-Time:**

[illegible]Comments  
Please stop at 1st positive in any group

**Relinquished By (Signature)**

James C. Davis

Date/Time

Time 11/24/03 18:00

Received By (Signature)

Received By (Signature) Farah Jaffer

Date / Time

Time 1/20/05

**LiRo-Kassner, Inc.**  
**ENVIRONMENTAL & ENGINEERING SERVICES**

690 Delaware Avenue  
 Buffalo, New York 14209  
 Tel. 716-882-5476 / Fax 716-882-9640

**Bulk Sampling Chain of Custody Form**

LiRo Job: 03-68-446

Job Name: Tonawanda Excellsior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building /Site \_\_\_\_\_

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

**203113037**

Turn-Around-Time: \_\_\_\_\_

| ACM Code | Sample Number | SAMPLE LOCATION                  | DESCRIPTION OF MATERIAL    | MATERIAL QUANTITY<br>(sf, lf, cv) | NOTES                                                |
|----------|---------------|----------------------------------|----------------------------|-----------------------------------|------------------------------------------------------|
|          | M-57B         | LONG SIDE STORAGE BLDG.          | TOP LAYER ROOFING          |                                   | TEM                                                  |
|          | M-57C         | LONG SIDE STORAGE BLDG.          | TOP LAYER ROOFING          |                                   |                                                      |
|          | M-58A         | LONG SIDE STORAGE BLDG.          | 2ND LAYER ROOFING          |                                   | TEM, PLEASE DO NOT<br>ANALYZE IF M-57A-C<br>POSITIVE |
|          | M-58B         | LONG SIDE STORAGE BLDG.          | 2ND LAYER ROOFING          |                                   |                                                      |
|          | M-58C         | LONG SIDE STORAGE BLDG.          | 2ND LAYER ROOFING          |                                   |                                                      |
|          | M-59          | VOID                             | VOID                       | VOID                              | VOID                                                 |
|          | M-60A         | LONG SIDE STORAGE BLDG.          | 1/4" BLACK WIRE INSULATION |                                   | TEM                                                  |
|          | M-61A         | EXTERIOR ROOM BEHIND SHOWER AREA | WALL/CEILING BOARD         |                                   |                                                      |
|          | M-61B         | EXTERIOR ROOM BEHIND SHOWER AREA | WALL/CEILING BOARD         |                                   |                                                      |
|          | M-61C         | EXTERIOR ROOM BEHIND SHOWER AREA | WALL/CEILING BOARD         |                                   | PLM                                                  |

Comments:

Please stop at 1st positive in any group

|                                                    |                                      |                                                  |                                      |
|----------------------------------------------------|--------------------------------------|--------------------------------------------------|--------------------------------------|
| Relinquished By (Signature)<br><u>Jason Colvin</u> | Date / Time<br><u>11/24/03 18:00</u> | Received By (Signature)<br><u>Robert Kreuzer</u> | Date / Time<br><u>11/25/03 18:15</u> |
|----------------------------------------------------|--------------------------------------|--------------------------------------------------|--------------------------------------|

# LiRo-Kassner, Inc. ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue  
Buffalo, New York 14209  
Tel. 716-882-5476 / Fax 716-882-9640

## Bulk Sampling Chain of Custody Form

LiRo Job: 03-68-446

Job Name: Tonawanda Excellisor Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building / Site

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

203113037

Turn-Around-Time:

| ACMT Code | Sample Number | SAMPLE LOCATION                  | DESCRIPTION OF MATERIAL         | MATERIAL QUANTITY<br>(sf, lf, cy) | NOTES                                                                    |
|-----------|---------------|----------------------------------|---------------------------------|-----------------------------------|--------------------------------------------------------------------------|
|           | M-62A         | EXTERIOR ROOM BEHIND SHOWER AREA | WHITE INSULATION ON TOP OF TANK |                                   | PLM                                                                      |
|           | M-63A         | WOOD BASED ROOF - MAIN BLDG.     | GRAY ROOFING PAPER              |                                   | TEM, Please do not analyze if M-29A-C, M-30A-C, or M-31A-C test positive |
|           | M-63B         | WOOD BASED ROOF - MAIN BLDG.     | GRAY ROOFING PAPER              |                                   |                                                                          |
|           | M-63C         | WOOD BASED ROOF - MAIN BLDG.     | GRAY ROOFING PAPER              |                                   |                                                                          |
|           | M-64A         | BACK STORAGE AREA                | DARK GRAY EXTERIOR WINDOW TAR   |                                   | TEM                                                                      |
|           | M-64B         | BACK STORAGE AREA                | DARK GRAY EXTERIOR WINDOW TAR   |                                   |                                                                          |
|           | M-64C         | BACK STORAGE AREA                | DARK GRAY EXTERIOR WINDOW TAR   |                                   |                                                                          |
|           | M-65A         | BACK STORAGE AREA                | FELT PAPER ABOVE TARACOTTA      |                                   | TEM                                                                      |
|           | M-65B         | BACK STORAGE AREA                | FELT PAPER ABOVE TARACOTTA      |                                   |                                                                          |
|           | M-65C         | BACK STORAGE AREA                | FELT PAPER ABOVE TARACOTTA      |                                   |                                                                          |

Comments: Please stop at 1st positive in any group

|                                                    |                              |                                          |                         |
|----------------------------------------------------|------------------------------|------------------------------------------|-------------------------|
| Relinquished By (Signature)<br><i>Jason Colvin</i> | Date / Time<br>4/24/03 18:00 | Received By (Signature)<br><i>Radice</i> | Date / Time<br>11/25/03 |
|----------------------------------------------------|------------------------------|------------------------------------------|-------------------------|

*Getter*

# LiRo-Kassner, Inc.

## ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue

Buffalo, New York 14209

Tel. 716-882-5476 / Fax 716-882-9640

### Bulk Sampling Chain of Custody Form

LiRo Job: 03-68-446

Job Name: Tonawanda Excelsior Asbestos Inspection

Job Location: 363 Woodward Ave

Samples Taken by: Jason Colvin

Building / Site: \_\_\_\_\_

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

208113037

Turn-Around-Time: \_\_\_\_\_

| A/C'M Code | Sample Number | SAMPLE LOCATION                            | DESCRIPTION OF MATERIAL                      | MATERIAL QUANTITY (sf, lf, cy) | NOTES |
|------------|---------------|--------------------------------------------|----------------------------------------------|--------------------------------|-------|
|            | M-46B         | BACK STORAGE AREA ADJACENT TO MACHINE ROOM | WHITE INTERIOR ABOVE GROUND FURNACE BRICK    |                                | TEM   |
|            | M-46C         | BACK STORAGE AREA ADJACENT TO MACHINE ROOM | WHITE INTERIOR ABOVE GROUND FURNACE BRICK    |                                |       |
|            | M-47A         | BACK STORAGE AREA ADJACENT TO MACHINE ROOM | EXTERIOR ABOVE GROUND FURNACE BRICK          |                                | TEM   |
|            | M-47B         | BACK STORAGE AREA ADJACENT TO MACHINE ROOM | EXTERIOR ABOVE GROUND FURNACE BRICK          |                                |       |
|            | M-47C         | BACK STORAGE AREA ADJACENT TO MACHINE ROOM | EXTERIOR ABOVE GROUND FURNACE BRICK          |                                |       |
|            | M-48A         | BACK STORAGE AREA ADJACENT TO MACHINE ROOM | MORTAR ASSOC W/ WHITE INTERIOR FURNACE BRICK |                                | PLM   |
|            | M-49A         | BACK STORAGE AREA ADJACENT TO MACHINE ROOM | FURNACE INTERIOR DOOR INSULATION             |                                | TEM   |
|            | M-50A         | TRANSFORMER ROOM                           | CIRCULAR FURNACE COVER BRICK                 |                                |       |
|            | M-50B         | TRANSFORMER ROOM                           | CIRCULAR FURNACE COVER BRICK                 |                                | PLM   |
|            | M-50C         | TRANSFORMER ROOM                           | CIRCULAR FURNACE COVER BRICK                 |                                |       |

Comments: Please stop at 1st positive in any group

|                             |                |                         |                |
|-----------------------------|----------------|-------------------------|----------------|
| Relinquished By (Signature) | Date / Time    | Received By (Signature) | Date / Time    |
| Jason Colvin                | 11/24/03 18:00 | Robert Kreuzer          | 10/25/03 10:15 |

LiRo-Kassner, Inc.  
ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue  
Buffalo, New York 14209  
Tel. 716-882-5476 / Fax 716-882-9640

Bulk Sampling Chain of Custody Form

LiRo Job: 03-68-446

Job Name: Tonawanda Excelsior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building /Site:

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

203113037

Turn-Around-Time:

| ACM Code | Sample Number | SAMPLE LOCATION                 | DESCRIPTION OF MATERIAL                       | MATERIAL QUANTITY (sf, lf, cy) | NOTES |
|----------|---------------|---------------------------------|-----------------------------------------------|--------------------------------|-------|
|          | M-51A         | TRANSFORMER ROOM                | MORTAR ASSOC. W/ CIRCULAR FURNACE COVER BRICK |                                | PLM   |
|          | M-52A         | ROOM OFF BACK STORAGE AREA      | WALL/CEILING BOARD                            |                                | PLM   |
|          | M-52B         | ROOM OFF BACK STORAGE AREA      | WALL/CEILING BOARD                            |                                | PLM   |
|          | M-52C         | ROOM OFF BACK STORAGE AREA      | WALL/CEILING BOARD                            |                                | PLM   |
|          | M-53A         | ROOM OFF BACK STORAGE AREA      | EXTERIOR ASPHALT SIDING                       |                                | TEM   |
|          | M-53B         | ROOM OFF BACK STORAGE AREA      | EXTERIOR ASPHALT SIDING                       |                                | TEM   |
|          | M-53C         | ROOM OFF BACK STORAGE AREA      | EXTERIOR ASPHALT SIDING                       |                                | TEM   |
|          | M-55A         | GROUND BEHIND BACK STORAGE AREA | FALLEN ROOF GROUND DEBRIS                     |                                | TEM   |
|          | M-56A         | MACHINE SHOP                    | WHITE MACHINE BELT MATERIAL                   |                                | TEM   |
|          | M-57A         | LONG SIDE STORAGE BLDG.         | TOP LAYER ROOFING                             |                                | TEM   |

Comments: Please stop at 1st positive in any group

|                             |                |                         |             |
|-----------------------------|----------------|-------------------------|-------------|
| Relinquished By (Signature) | Date / Time    | Received By (Signature) | Date / Time |
| Jason Colvin                | 11/24/03 18:00 | Robert Kreuzer          | 11/25/03    |



LiRo-Kassner, Inc.  
ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue  
Buffalo, New York 14209  
Tel 716-882-5476 / Fax 716-882-9640

Bulk Sampling Chain of Custody Form

LiRo Job: 03-68-446

Job Name: Tonawanda Excelsior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building / Site:

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

203113037

Turn-Around Time:

| ACM Code | Sample Number | SAMPLE LOCATION         | DESCRIPTION OF MATERIAL | MATERIAL QUANTITY<br>(sf, lf, cy) | NOTES |
|----------|---------------|-------------------------|-------------------------|-----------------------------------|-------|
|          | M-38B         | REAR FURNACE/PRESS ROOM | WALLBOARD/CEILING BOARD |                                   | PLM   |
|          | M-38C         | REAR FURNACE/PRESS ROOM | WALLBOARD/CEILING BOARD |                                   |       |
|          | M-39A         | REAR FURNACE/PRESS ROOM | MISC FLOOR DEBRIS       |                                   |       |
|          | M-40A         | REAR FURNACE/PRESS ROOM | WHITISH FURNACE BRICK   |                                   | PLM   |
|          | M-40B         | REAR FURNACE/PRESS ROOM | WHITISH FURNACE BRICK   |                                   |       |
|          | M-40C         | REAR FURNACE/PRESS ROOM | WHITISH FURNACE BRICK   |                                   |       |
|          | M-41A         | REAR FURNACE/PRESS ROOM | PINKISH FURNACE BRICK   |                                   | PLM   |
|          | M-41B         | REAR FURNACE/PRESS ROOM | PINKISH FURNACE BRICK   |                                   |       |
|          | M-41C         | REAR FURNACE/PRESS ROOM | PINKISH FURNACE BRICK   |                                   |       |
|          | M-42A         | REAR FURNACE/PRESS ROOM | ORANGE FURNACE BRICK    |                                   | PLM   |

Comments: Please stop at 1st positive in any group

|                             |                |                         |                |
|-----------------------------|----------------|-------------------------|----------------|
| Relinquished By (Signature) | Date / Time    | Received By (Signature) | Date / Time    |
| Jason Colvin                | 11/24/03 18:00 | Robert Kreuzer          | 11/25/03 10:15 |

# LiRo-Kassner, Inc.

## ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue  
Buffalo, New York 14209  
Tel. 716-882-5476 / Fax 716-882-9640

### Bulk Sampling Chain of Custody Form

LiRo Job: 03-68-446

203113037

FAX Results to:

Job Name: Tonawanda Excellisor Asbestos Inspection

LiRo 716-882-9640

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

attention Robert Kreuzer / Jason Colvin

Building /Site

Turn-Around-Time:

| ACM Code | Sample Number | SAMPLE LOCATION                            | DESCRIPTION OF MATERIAL              | MATERIAL QUANTITY<br>(sf, lf, cy) | NOTES |
|----------|---------------|--------------------------------------------|--------------------------------------|-----------------------------------|-------|
|          | M-42B         | REAR FURNACE/PRESS ROOM                    | ORANGE FURNACE BRICK                 |                                   | PLM   |
|          | M-42C         | REAR FURNACE/PRESS ROOM                    | ORANGE FURNACE BRICK                 |                                   |       |
|          | M-43A         | BACK STORAGE AREA                          | 1/2" BLACK WIRE RUNNING INTO CONDUIT |                                   | TEM   |
|          | M-43B         | BACK STORAGE AREA                          | 1/2" BLACK WIRE RUNNING INTO CONDUIT |                                   |       |
|          | M-43C         | BACK STORAGE AREA                          | 1/2" BLACK WIRE RUNNING INTO CONDUIT |                                   |       |
|          | M-44A         | CIRCULAR FLOOR OVEN                        | INTERIOR FURNACE BRICK               |                                   | PLM   |
|          | M-44B         | CIRCULAR FLOOR OVEN                        | INTERIOR FURNACE BRICK               |                                   |       |
|          | M-44C         | CIRCULAR FLOOR OVEN                        | INTERIOR FURNACE BRICK               |                                   |       |
|          | M-45A         | CIRCULAR FLOOR OVEN                        | CLOTH GASKET                         |                                   | TEM   |
|          | M-46A         | BACK STORAGE AREA ADJACENT TO MACHINE ROOM | WHITE INTERIOR BRICK                 |                                   | TEM   |

Comments: Please stop at 1st positive in any group

|                             |                |                         |             |
|-----------------------------|----------------|-------------------------|-------------|
| Relinquished By (Signature) | Date / Time    | Received By (Signature) | Date / Time |
| Jason Colvin                | 11/24/03 18:00 | Robert Kreuzer          | 11/24/03    |

**LiRo-Kassner, Inc.**  
**ENVIRONMENTAL & ENGINEERING SERVICES**

690 Delaware Avenue  
 Buffalo, New York 14209  
 Tel. 716-882-5476 / Fax 716-882-9640

**Bulk Sampling Chain of Custody Form**

**208118037**

LiRo Job: 03-68-446

Job Name: Tonawanda Excellisior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building /Site \_\_\_\_\_

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

Turn-Around-Time \_\_\_\_\_

| ACM Code | Sample Number | SAMPLE LOCATION              | DESCRIPTION OF MATERIAL     | MATERIAL QUANTITY (sf, lf, cv) | NOTES                                                   |
|----------|---------------|------------------------------|-----------------------------|--------------------------------|---------------------------------------------------------|
|          | M-31C         | WOOD BASED ROOF - MAIN BLDG. | 3RD LAYER - ASPHALT ROOFING |                                | TEM, PLEASE DO NOT ANALYZE IF M-29A-C, M-30A-C POSITIVE |
|          | M-32A         | TRANSFORMER ROOM             | ROOFING TOP LAYER           |                                | TEM                                                     |
|          | M-32B         | TRANSFORMER ROOM             | ROOFING TOP LAYER           |                                |                                                         |
|          | M-32C         | TRANSFORMER ROOM             | ROOFING TOP LAYER           |                                |                                                         |
|          | M-33A         | TRANSFORMER ROOM             | ROOFING BOTTOM LAYER        |                                | TEM, PLEASE DO NOT ANALYZE IF M-32A-C POSITIVE          |
|          | M-33B         | TRANSFORMER ROOM             | ROOFING BOTTOM LAYER        |                                |                                                         |
|          | M-33C         | TRANSFORMER ROOM             | ROOFING BOTTOM LAYER        |                                |                                                         |
|          | M-34A         | TRANSFORMER ROOM             | TRANSITE PANEL              |                                | TEM                                                     |
|          | M-34B         | TRANSFORMER ROOM             | TRANSITE PANEL              |                                |                                                         |
|          | M-34C         | TRANSFORMER ROOM             | TRANSITE PANEL              |                                |                                                         |

Comments: \_\_\_\_\_ Please stop at 1st positive in any group

Relinquished By (Signature) \_\_\_\_\_

*Jason Colvin*

Date / Time

11/7/03 1800

Received By (Signature)

*Robert Kreuzer*

Date / Time

11/25/03 1005

# LiRo-Kassner, Inc.

## ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue  
Buffalo, New York 14209  
Tel. 716-882-5476 / Fax 716-882-9640

### Bulk Sampling Chain of Custody Form

203113037

LiRo Job: 03-68-446

Job Name: Tonawanda Excelsior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken By: Jason Colvin

Building /Site

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

Turn-Around-Time

| ACM Code | Sample Number | SAMPLE LOCATION         | DESCRIPTION OF MATERIAL | MATERIAL QUANTITY<br>(sf, lf, cy) | NOTES |
|----------|---------------|-------------------------|-------------------------|-----------------------------------|-------|
|          | M-35A         | BACK STORAGE AREA       | WALL BRICK              |                                   | TEM   |
|          | M-35B         | BACK STORAGE AREA       | WALL BRICK              |                                   |       |
|          | M-35C         | BACK STORAGE AREA       | WALL BRICK              |                                   |       |
|          | M-36A         | BACK STORAGE AREA       | ASSOC. MORTAR           |                                   | PLM   |
|          | M-36B         | BACK STORAGE AREA       | ASSOC. MORTAR           |                                   |       |
|          | M-36C         | BACK STORAGE AREA       | ASSOC. MORTAR           |                                   |       |
|          | M-37A         | BACK STORAGE AREA       | RED BRICK FLOOR         |                                   | TEM   |
|          | M-37B         | BACK STORAGE AREA       | RED BRICK FLOOR         |                                   |       |
|          | M-37C         | BACK STORAGE AREA       | RED BRICK FLOOR         |                                   |       |
|          | M-38A         | REAR FURNACE/PRESS ROOM | WALLBOARD/CEILING BOARD |                                   | PLM   |

Comments: Please stop at 1st positive in any group

|                                                    |                              |                                                  |                              |
|----------------------------------------------------|------------------------------|--------------------------------------------------|------------------------------|
| Relinquished By (Signature)<br><i>Jason Colvin</i> | Date / Time<br>4/24/03 18:00 | Received By (Signature)<br><i>Robert Kreuzer</i> | Date / Time<br>4/25/03 10:15 |
|----------------------------------------------------|------------------------------|--------------------------------------------------|------------------------------|

# LiRo-Kassner, Inc. ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue  
Buffalo, New York 14209  
Tel. 716-882-5476 / Fax 716-882-9640

## Bulk Sampling Chain of Custody Form

203113037

LiRo Job: 03-68-446

Job Name: Tonawanda Excelsior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building /Site

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

Turn-Around-Time:

| ACM Code | Sample Number | SAMPLE LOCATION         | DESCRIPTION OF MATERIAL          | MATERIAL QUANTITY (sf, lf, cy) | NOTES |
|----------|---------------|-------------------------|----------------------------------|--------------------------------|-------|
|          | M-22B         | SHOWER AREA             | PINK SHOWER WALL TILE AND MASTIC |                                | TEM   |
|          | M-22C         | SHOWER AREA             | PINK SHOWER WALL TILE AND MASTIC |                                |       |
|          | M-23A         | SHOWER AREA             | MISC FLOOR DEBRIS                |                                | PLM   |
|          | M-24A         | SHOWER AREA             | ROOF TAR FLOOR DEBRIS            |                                | PLM   |
|          | M-25A         | SHOWER AREA             | AIR CELL FLOOR DEBRIS            |                                | PLM   |
|          | M-26A         | EXTERIOR OF SHOWER AREA | ASPHALT SIDING                   |                                |       |
|          | M-26B         | EXTERIOR OF SHOWER AREA | ASPHALT SIDING                   |                                | TEM   |
|          | M-26C         | EXTERIOR OF SHOWER AREA | ASPHALT SIDING                   |                                |       |
|          | M-27          | VOID                    | VOID                             | VOID                           |       |
|          | M-28A         | EXTERIOR OF SHOWER AREA | TAR PAPER BELOW ASPHALT SIDING   |                                | TEM   |

Comments: Please stop at 1st positive in any group

|                                                    |                               |                                                  |                               |
|----------------------------------------------------|-------------------------------|--------------------------------------------------|-------------------------------|
| Relinquished By (Signature)<br><i>Jason Colvin</i> | Date / Time<br>11/27/03 18:00 | Received By (Signature)<br><i>Robert Kreuzer</i> | Date / Time<br>11/25/03 10:15 |
|----------------------------------------------------|-------------------------------|--------------------------------------------------|-------------------------------|

# LiRo-Kassner, Inc.

## ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue  
Buffalo, New York 14209  
Tel. 716-882-5476 / Fax 716-882-9640

### Bulk Sampling Chain of Custody Form

203113037

Lab Job: 03-68-446

Job Name: Tonawanda Excellisor Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building / Site

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

Turn-Around-Time:

| ACM Code | Sample Number | SAMPLE LOCATION              | DESCRIPTION OF MATERIAL        | MATERIAL QUANTITY (sf, lf, cy) | NOTES                                                   |
|----------|---------------|------------------------------|--------------------------------|--------------------------------|---------------------------------------------------------|
|          | M-28A         | EXTERIOR SHOWER AREA         | TAR PAPER BELOW ASPHALT SIDING |                                | TEM                                                     |
|          | M-28C         | EXTERIOR SHOWER AREA         | TAR PAPER BELOW ASPHALT SIDING |                                |                                                         |
|          | M-29A         | WOOD BASED ROOF - MAIN BLDG. | TOP LAYER - ASPHALT ROOFING    |                                | TEM                                                     |
|          | M-29B         | WOOD BASED ROOF - MAIN BLDG. | TOP LAYER - ASPHALT ROOFING    |                                |                                                         |
|          | M-29C         | WOOD BASED ROOF - MAIN BLDG. | TOP LAYER - ASPHALT ROOFING    |                                |                                                         |
|          | M-30A         | WOOD BASED ROOF - MAIN BLDG. | 2ND LAYER - ASPHALT ROOFING    |                                | TEM; PLEASE DO NOT ANALYZE IF M-29A-C POSITIVE          |
|          | M-30B         | WOOD BASED ROOF - MAIN BLDG. | 2ND LAYER - ASPHALT ROOFING    |                                |                                                         |
|          | M-30C         | WOOD BASED ROOF - MAIN BLDG. | 2ND LAYER - ASPHALT ROOFING    |                                |                                                         |
|          | M-31A         | WOOD BASED ROOF - MAIN BLDG. | 3RD LAYER - ASPHALT ROOFING    |                                | TEM, PLEASE DO NOT ANALYZE IF M-29A-C, M-30A-C POSITIVE |
|          | M-31B         | WOOD BASED ROOF - MAIN BLDG. | 3RD LAYER - ASPHALT ROOFING    |                                |                                                         |

Comments: Please stop at 1st positive in any group

|                             |               |                         |                |
|-----------------------------|---------------|-------------------------|----------------|
| Relinquished By (Signature) | Date / Time   | Received By (Signature) | Date / Time    |
| Jason Colvin                | 4/28/03 18:00 | Robert Kreuzer          | 11/25/03 10:15 |

LiRo-Kassner, Inc.  
ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue

Buffalo, New York 14209

Tel. 716-882-5476 / Fax 716-882-9640

Bulk Sampling Chain of Custody Form

LiRo Job: 03-68-446

Job Name: Tonawanda Excelsior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building/Site

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

203113037

Turn-Around-Time:

| ACM Code | Sample Number | SAMPLE LOCATION | DESCRIPTION OF MATERIAL             | MATERIAL QUANTITY (sf, lf, cy) | NOTES |
|----------|---------------|-----------------|-------------------------------------|--------------------------------|-------|
|          | M-19A         | SHOWER AREA     | RED STACK BRICK                     |                                | TLM   |
|          | M-19B         | SHOWER AREA     | RED STACK BRICK                     |                                |       |
|          | M-19C         | SHOWER AREA     | RED STACK BRICK                     |                                |       |
|          | M-20A         | SHOWER AREA     | YELLOW STACK BRICK                  |                                | TEM   |
|          | M-20B         | SHOWER AREA     | YELLOW STACK BRICK                  |                                |       |
|          | M-20C         | SHOWER AREA     | YELLOW STACK BRICK                  |                                |       |
|          | M-21A         | SHOWER AREA     | MORTAR ASSOC. W/ YELLOW STACK BRICK |                                | PLM   |
|          | M-21B         | SHOWER AREA     | MORTAR ASSOC. W/ YELLOW STACK BRICK |                                |       |
|          | M-21C         | SHOWER AREA     | MORTAR ASSOC. W/ YELLOW STACK BRICK |                                |       |
|          | M-22A         | SHOWER AREA     | PINK SHOWER WALL TILE AND MASTIC    |                                | TEM   |

Comments: Please stop at 1st positive in any group

|                             |                |                         |             |
|-----------------------------|----------------|-------------------------|-------------|
| Relinquished By (Signature) | Date / Time    | Received By (Signature) | Date / Time |
| Jason Colvin                | 11/24/03 18:00 | Andrea J. Jett          | 11/25/03    |

**LiRo-Kassner, Inc.**  
**ENVIRONMENTAL & ENGINEERING SERVICES**

690 Delaware Avenue  
 Buffalo, New York 14209  
 Tel. 716-882-5476 / Fax 716-882-9640

**Bulk Sampling Chain of Custody Form**

**208119037**

LiRo Job: 03-68-446

FAX Results to:

Job Name: Tonawanda Excelsior Asbestos Inspection

LiRo 716-882-9640

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

attention Robert Kreuzer / Jason Colvin

Building /Site

Turn-Around-Time:

| A/C M Code | Sample Number | SAMPLE LOCATION                | DESCRIPTION OF MATERIAL             | MATERIAL QUANTITY<br>(sf, lf, cy) | NOTES |
|------------|---------------|--------------------------------|-------------------------------------|-----------------------------------|-------|
|            | M-16B         | MACHINE SHOP                   | MACHINE BELT FABRIC                 |                                   | ITEM  |
|            | M-16C         | MACHINE SHOP                   | MACHINE BELT FABRIC                 |                                   |       |
|            | M-17A         | 1ST ROOM LEFT OFF MAIN HALLWAY | WINDOW GLAZING                      |                                   |       |
|            | M-17B         | 1ST ROOM LEFT OFF MAIN HALLWAY | WINDOW GLAZING                      |                                   |       |
|            | M-17C         | 1ST ROOM LEFT OFF MAIN HALLWAY | WINDOW GLAZING                      |                                   | ITEM  |
|            | M-17D         | BACK STORAGE AREA              | WINDOW GLAZING                      |                                   |       |
|            | M-17E         | MACHINE SHOP                   | WINDOW GLAZING                      |                                   |       |
|            | M-18A         | SHOWER AREA                    | MORTAR ASSOC. W/ RED STACK<br>BRICK |                                   |       |
|            | M-18B         | SHOWER AREA                    | MORTAR ASSOC. W/ RED STACK<br>BRICK |                                   | PLM   |
|            | M-18C         | SHOWER AREA                    | MORTAR ASSOC. W/ RED STACK<br>BRICK |                                   |       |

Comments: Please stop at 1st positive in any group

|                                                     |                               |                                                  |                               |
|-----------------------------------------------------|-------------------------------|--------------------------------------------------|-------------------------------|
| Requisitioned By (Signature)<br><i>Jason Colvin</i> | Date / Time<br>11/24/03 18:00 | Received By (Signature)<br><i>Robert Kreuzer</i> | Date / Time<br>11/25/03 10:15 |
|-----------------------------------------------------|-------------------------------|--------------------------------------------------|-------------------------------|



# LiRo-Kassner, Inc. ENVIRONMENTAL & ENGINEERING SERVICES

690 Delaware Avenue  
Buffalo, New York 14209  
Tel 716-882-5476 / Fax 716-882-9640

## Bulk Sampling Chain of Custody Form

203113037

LiRo Job: 03-68-446

Job Name: Tonawanda Excellisor Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building /Site

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

Turn-Around-Time:

| ACM Code | Sample Number | SAMPLE LOCATION            | DESCRIPTION OF MATERIAL            | MATERIAL QUANTITY<br>(sf, lf, cy) | NOTES |
|----------|---------------|----------------------------|------------------------------------|-----------------------------------|-------|
|          | M-13A         | ATTIC                      | TARACOTTA ROOFING                  |                                   | TEM   |
|          | M-13B         | TRANSFORMER ROOM           | TARACOTTA ROOFING                  |                                   |       |
|          | M-13C         | CENTER GARGAE              | TARACOTTA ROOFING                  |                                   |       |
|          | M-14A         | ATTIC                      | MORTAR ASSOC. W/ TARACOTTA ROOFING |                                   | PLM   |
|          | M-14B         | ATTIC                      | MORTAR ASSOC. W/ TARACOTTA ROOFING |                                   |       |
|          | M-14C         | ATTIC                      | MORTAR ASSOC. W/ TARACOTTA ROOFING |                                   |       |
|          | M-15A         | BALL DEFLASHING/GRIND AREA | AIR CELL TSI                       |                                   | PLM   |
|          | M-15B         | SHOWER AREA                | AIR CELL TSI                       |                                   |       |
|          | M-15C         | DEFLASHING/GRINDING AREA   | AIR CELL TSI                       |                                   |       |
|          | M-16A         | BALL DEFLASHING/GRIND AREA | MACHINE BELT FABRIC                |                                   | TEM   |

Comments: Please stop at 1st positive in any group

|                                                    |                               |                                                  |                               |
|----------------------------------------------------|-------------------------------|--------------------------------------------------|-------------------------------|
| Relinquished By (Signature)<br><i>Jason Colvin</i> | Date / Time<br>11/24/03 18:00 | Received By (Signature)<br><i>Robert Kreuzer</i> | Date / Time<br>11/25/03 10:15 |
|----------------------------------------------------|-------------------------------|--------------------------------------------------|-------------------------------|

**LiRo-Kassner, Inc.**  
**ENVIRONMENTAL & ENGINEERING SERVICES**

690 Delaware Avenue

Buffalo, New York 14209

Tel. 716-882-5476 / Fax 716-882-9640

**Bulk Sampling Chain of Custody Form**

LiRo Job: 03-68-446

Job Name: Tonawanda Excellisior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building /Site \_\_\_\_\_

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

**209113037**

Turn-Around-Time \_\_\_\_\_

| ACM Code | Sample Number | SAMPLE LOCATION   | DESCRIPTION OF MATERIAL                                    | MATERIAL QUANTITY<br>(sf, lf, cy) | NOTES |
|----------|---------------|-------------------|------------------------------------------------------------|-----------------------------------|-------|
|          | M-8A          | ATTIC             | BLACK/YELLOW WIRE INS. -<br>HANGING LIGHTS (APPROX. 1/4")  |                                   | TEM   |
|          | M-8B          | ATTIC             | BLACK/YELLOW WIRE INS. -<br>HANGING LIGHTS (APPROX. 1/4")  |                                   |       |
|          | M-9           | VOID              | VOID                                                       | VOID                              |       |
|          | M-10A         | ATTIC - SIDE ROOM | AIR CELL TSI                                               |                                   | PLM   |
|          | M-10B         | ATTIC SIDE ROOM   | AIR CELL TSI                                               |                                   |       |
|          | M-10C         | ATTIC SIDE ROOM   | AIR CELL TSI                                               |                                   |       |
|          | M-11A         | ATTIC             | 1/4" BLACK WIRE INSULATION<br>(RUNS 3 WIDE)                |                                   | TEM   |
|          | M-11B         | ATTIC             | 1/4" BLACK WIRE INSULATION<br>(RUNS 3 WIDE)                |                                   |       |
|          | M-11C         | ATTIC             | 1/4" BLACK WIRE INSULATION<br>(RUNS 3 WIDE)                |                                   |       |
|          | M-12A         | ATTIC             | BRWN FABRIC INS. INSIDE 1"<br>GRAY PLASTIC CASING ON FLOOR |                                   | TEM   |

Comments: \_\_\_\_\_ Please stop at 1st positive in any group

|                                                    |                                      |                                                 |                                |
|----------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------|
| Relinquished By (Signature)<br><u>Jason Colvin</u> | Date / Time<br><u>11/24/03 18:00</u> | Received By (Signature)<br><u>Harold Sutton</u> | Date / Time<br><u>11/25/03</u> |
|----------------------------------------------------|--------------------------------------|-------------------------------------------------|--------------------------------|

**LiRo-Kassner, Inc.**  
**ENVIRONMENTAL & ENGINEERING SERVICES**

690 Delaware Avenue  
 Buffalo, New York 14209  
 Tel. 716-882-5476 / Fax 716-882-9640

**Bulk Sampling Chain of Custody Form**

**203113037**

LiRo Job: 03-68-446

Job Name: Tonawanda Excellsior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building /Site

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

Turn-Around-Time:

| ACM Code | Sample Number | SAMPLE LOCATION | DESCRIPTION OF MATERIAL              | MATERIAL QUANTITY<br>(sf, lf, cy) | NOTES |
|----------|---------------|-----------------|--------------------------------------|-----------------------------------|-------|
|          | M-1A          | OFFICE          | RED FLOOR TILE AND ASSOCIATED MASTIC |                                   | TEM   |
|          | M-1B          | OFFICE          | RED FLOOR TILE AND ASSOCIATED MASTIC |                                   |       |
|          | M-1C          | OFFICE          | RED FLOOR TILE AND ASSOCIATED MASTIC |                                   |       |
|          | M-2A          | OFFICE          | BROWN FLOOR TILE AND ASSOC. MASTIC   |                                   | TEM   |
|          | M-2B          | OFFICE          | BROWN FLOOR TILE AND ASSOC. MASTIC   |                                   |       |
|          | M-2C          | OFFICE          | BROWN FLOOR TILE AND ASSOC. MASTIC   |                                   |       |
|          | M-3A          | OFFICE          | WALLBOARD                            |                                   | PLM   |
|          | M-3B          | OFFICE          | WALLBOARD                            |                                   |       |
|          | M-3C          | OFFICE          | WALLBOARD                            |                                   |       |
|          | M-3D          | SHOWER AREA     | WALLBOARD                            |                                   |       |

Comments: Please stop at 1st positive in any group. Please call Bob Kreuzer at LiRo (716-321-3136) prior to analysis.

Relinquished By (Signature)

Jason Colvin

Date / Time

11/24/03 14:00

Received By (Signature)

Date / Time

11/23/03 10:15

**LiRo-Kasner, Inc.**  
**ENVIRONMENTAL & ENGINEERING SERVICES**

690 Delaware Avenue  
 Buffalo, New York 14209  
 Tel. 716-882-5476 / Fax 716-882-9640

**Bulk Sampling Chain of Custody Form**

LiRo Job: 03-68-446

Job Name: Tonawanda Excellior Asbestos Inspection

Job Location: 303 Woodward Ave

Samples Taken by: Jason Colvin

Building /Site: \_\_\_\_\_

FAX Results to:

LiRo 716-882-9640

attention Robert Kreuzer / Jason Colvin

**209119037**

Turn-Around-Time: \_\_\_\_\_

| ACM Code | Sample Number | SAMPLE LOCATION                       | DESCRIPTION OF MATERIAL           | MATERIAL QUANTITY<br>(sf, lf, cy) | NOTES |
|----------|---------------|---------------------------------------|-----------------------------------|-----------------------------------|-------|
|          | M-3E          | SHOWER AREA                           | WALLBOARD                         |                                   | PLM   |
|          | M-4A          | OFFICE                                | CEILING BOARD                     |                                   |       |
|          | M-4B          | OFFICE                                | CEILING BOARD                     |                                   | PLM   |
|          | M-4C          | OFFICE                                | CEILING BOARD                     |                                   |       |
|          | M-5           | VOID                                  | VOID                              | VOID                              |       |
|          | M-6A          | ROOM BETWEEN ENTRY HALLWAY AND OFFICE | BROWN FLOOR TILE W/CLOTH BACKING  |                                   |       |
|          | M-6B          | ROOM BETWEEN ENTRY HALLWAY AND OFFICE | BROWN FLOOR TILE W/CLOTH BACKING  |                                   | TEM   |
|          | M-6C          | ROOM BETWEEN ENTRY HALLWAY AND OFFICE | BROWN FLOOR TILE W/CLOTH BACKING  |                                   |       |
|          | M-7A          | ATTIC                                 | INSULATION (APPROX 1/2" DIAMETER) |                                   |       |
|          | M-7B          | ATTIC                                 | INSULATION (APPROX 1/2" DIAMETER) |                                   | TEM   |

Comments: \_\_\_\_\_ Please stop at 1st positive in any group

Relinquished By (Signature) Jason Colvin

Date / Time

4/24/03 19:00

Received By (Signature)

Robert Kreuzer

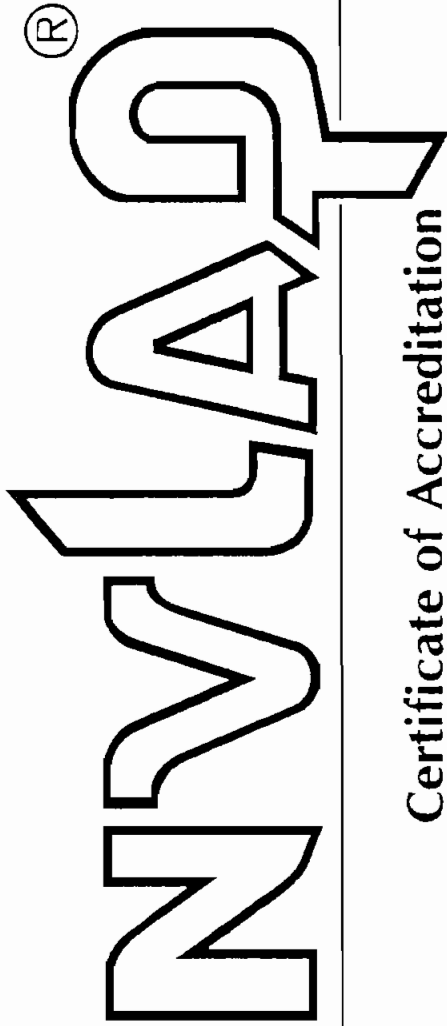
Date / Time

11/25/03  
1015

**APPENDIX C**

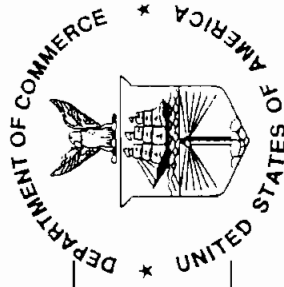
**LABORATORY CERTIFICATES AND  
ACCREDITATIONS**

United States Department of Commerce  
National Institute of Standards and Technology



ISO/IEC 17025:1999  
ISO 9002:1994

## Certificate of Accreditation



**SCIENTIFIC LABORATORIES, INC.**  
NEW YORK, NY

*is recognized by the National Voluntary Laboratory Accreditation Program  
for satisfactory compliance with criteria set forth in NIST Handbook 150:2001,  
all requirements of ISO/IEC 17025:1999, and relevant requirements of ISO 9002:1994.  
Accreditation is awarded for specific services, listed on the Scope of Accreditation, for:*

### **BULK ASBESTOS FIBER ANALYSIS**

June 30, 2004

Effective through

For the National Institute of Standards and Technology  
NVLAP Lab Code: 200546-0

**APPENDIX D**

**ACM LOCATION PLANS**

# LEGEND

LOCATION OF FRIABLE AIRCELL  
INSULATION - 457 L.F.



LOCATION OF VINYL ASBESTOS  
FLOOR TILE - 792 S.F.

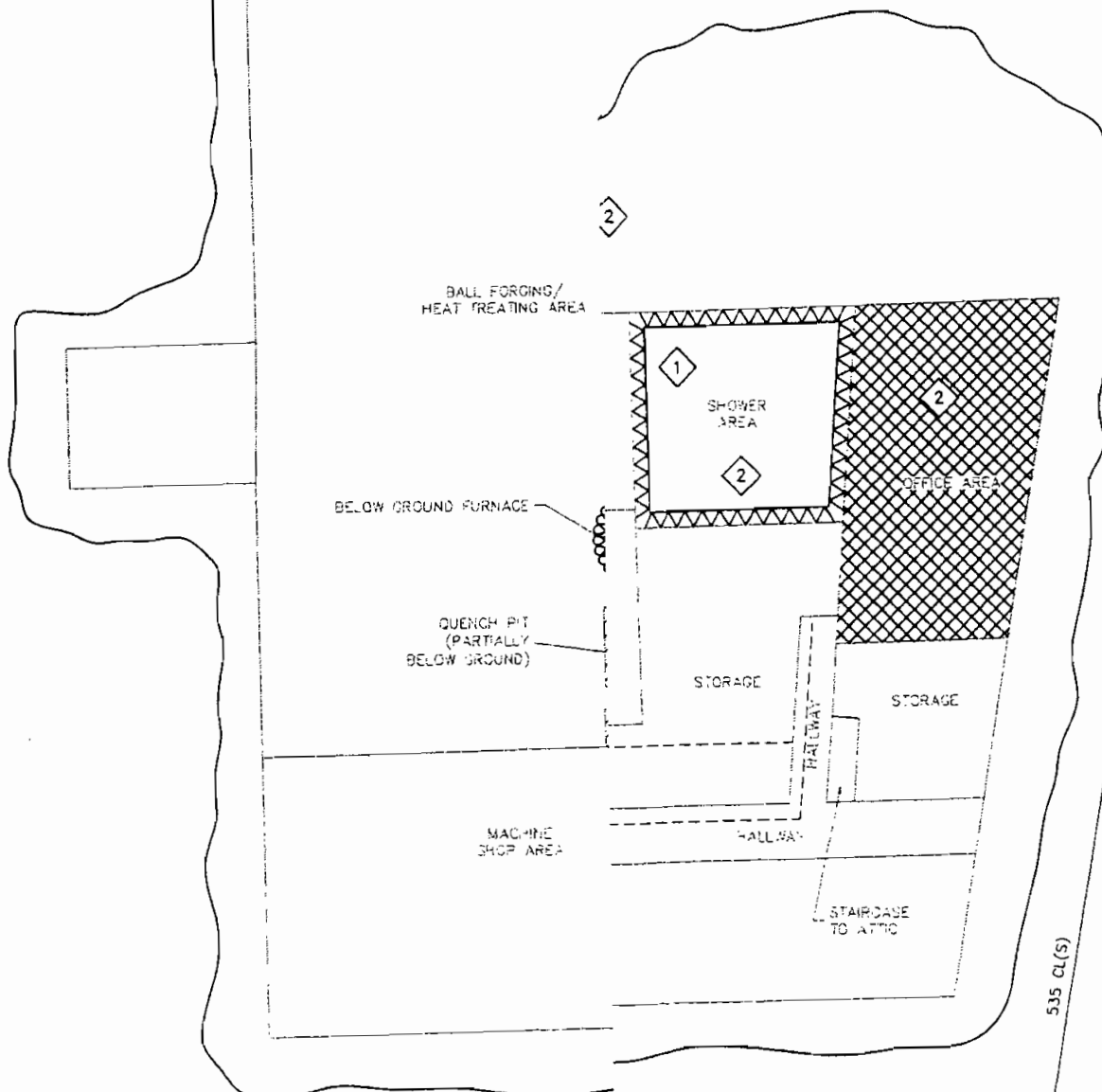
LOCATION OF FRIABLE CLOTH  
NET - 5 L.F.



APPROXIMATE AREA OF  
SCATTERED ROOF DEBRIS ON  
GROUND (ASSUMED ACM)

LOCATION OF WALL TILE  
- 384 S.F.

LOCATION OF FRIABLE MISC.  
- 1 S.F.



10 0 10  
SCALE IN FEET

## WARNING

IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

NO DATE

JOB TITLE AND LOCATION:

EXCELSIOR STEEL BALL CO.

DRAWING TITLE:

FIRST FLOOR ASBESTOS LOCATION PLAN  
SHEET 1 OF 2

URO JOB NO.:

03-68-44

SHEET OF

FIGURE NO.

D-1.1



**APPENDIX E**

**CERTIFICATIONS FOR INSPECTORS**



STATE OF NEW YORK  
DEPARTMENT OF LABOR  
DIVISION OF SAFETY AND HEALTH

ASBESTOS HANDLING CERTIFICATE  
AUTHORIZED CLASSES

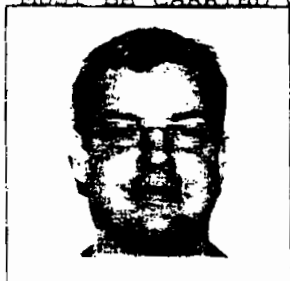
D - INSPECTOR (04/04)  
H - PROJECT MONITOR (04/03)

JASON J COLVIN  
47 ARDMORE PLACE  
BUFFALO, NY

14213

RICHARD CUCOLO, Director - For the Commissioner of Labor

MUST BE CARRIED ON ASBESTOS PROJECTS  
CERTIFICATE NUMBER



AH 02-02820

DATE

SOCIAL SECURITY NUMBER

XXX-XX-6101

EYES

BRO

BRO

WEIGHT

HEIGHT

160"

6'

00

ADDRESS: CORRESPONDENCE TO  
include certificate number  
NYS Department of Labor  
DOSH - License and Certificate Unit  
600 Broadway, Albany, NY 12242-0001



STATE OF NEW YORK - DEPARTMENT OF LABOR  
DIVISION OF SAFETY AND HEALTH  
License and Certificate Unit  
BUILDING 12, Room 161  
STATE CAMPUS  
ALBANY, NY 12240

**ASBESTOS HANDLING LICENSE**

RESTRICTED LICENSE - NO ASBESTOS REMOVAL PERMITTED

LICENSE NUMBER: 99-1147  
DATE OF ISSUE: 12/17/02  
EXPIRATION DATE: 12/31/03

Contractor: LiRo-Kassner, Inc.

Address: 690 Delaware Avenue  
Buffalo, NY 14209

Duly Authorized Representative: Ronald P. Tramposch

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 (12 NYCRR 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. The licensee 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.

Richard Cucolo, Director  
FOR THE COMMISSIONER OF LABOR

## **APPENDIX F**

## **PHOTO LOG**

Excelsior Steel Ball Facility - 303 Woodward Ave.

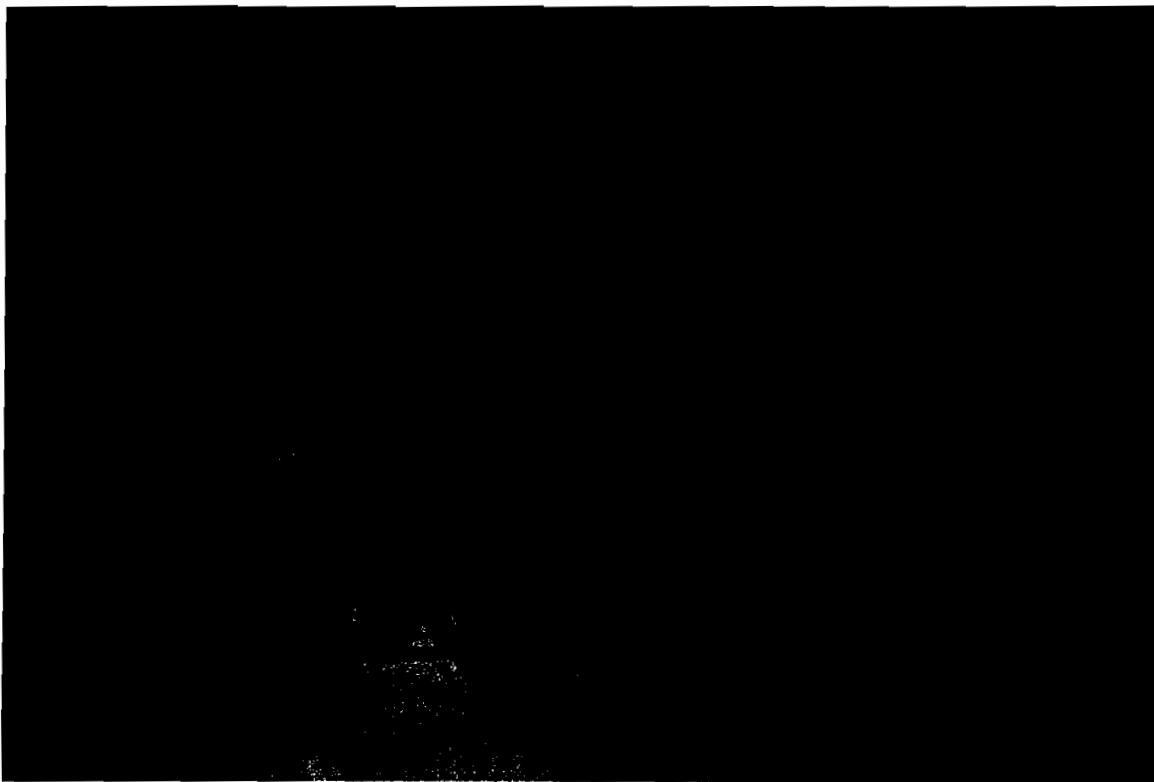


Photo 1 – Floor Debris in Shower Area

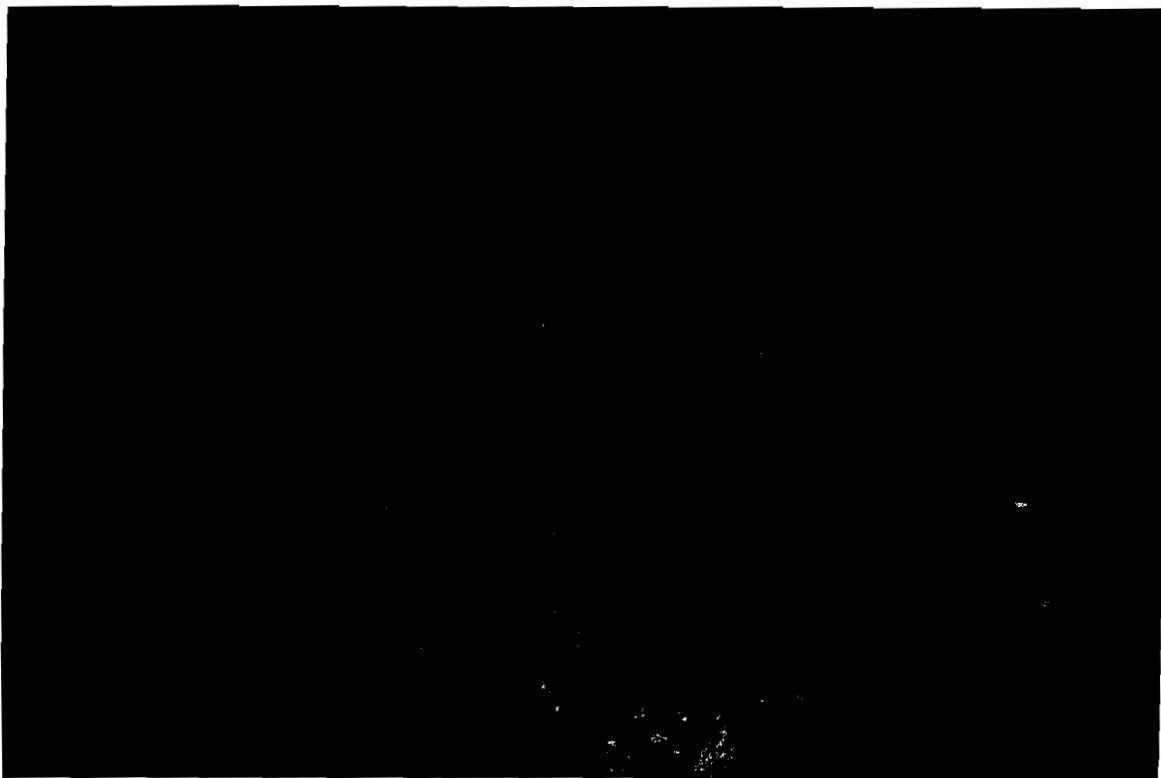


Photo 2 – Below Ground Furnace in Back Storage Area

Excelsior Steel Ball Facility - 303 Woodward Ave.



Photo 3 – Above Ground Furnace in Back Storage Area (Adjacent to Machine Shop)



Photo 4 – Above Ground Furnace in Rear Furnace/Press Room of Back Storage Area

Excelsior Steel Ball Facility - 303 Woodward Ave.



Photo 5 – Room off Back Storage Area



Photo 6 – Ground Debris Behind Back Storage Area

Excelsior Steel Ball Facility - 303 Woodward Ave.



Photo 7 – Main Building – Wood Roof



Photo 8 – Main Building – Terra-Cotta Roof



Excelsior Steel Ball Facility - 303 Woodward Ave.



Photo 9 – Long Storage Building Roof



Photo 10 – Roof Debris on Ground outside Deflashing/Grinding Area

Excelsior Steel Ball Facility - 303 Woodward Ave.

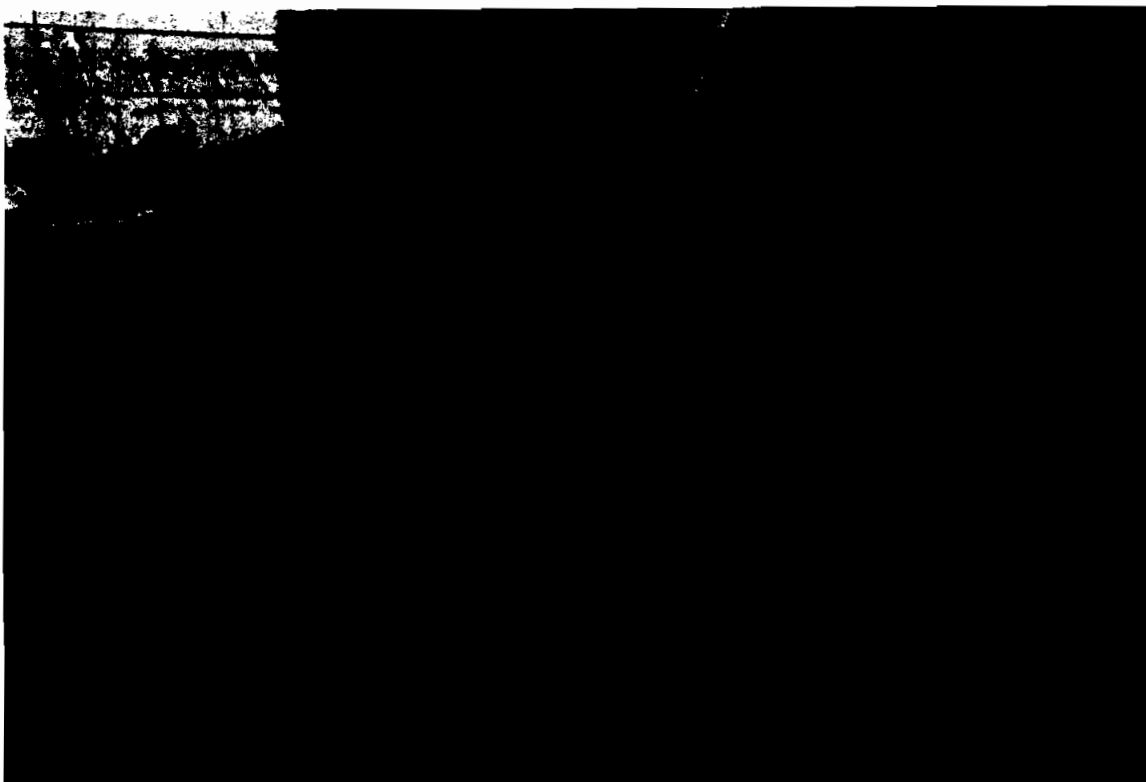
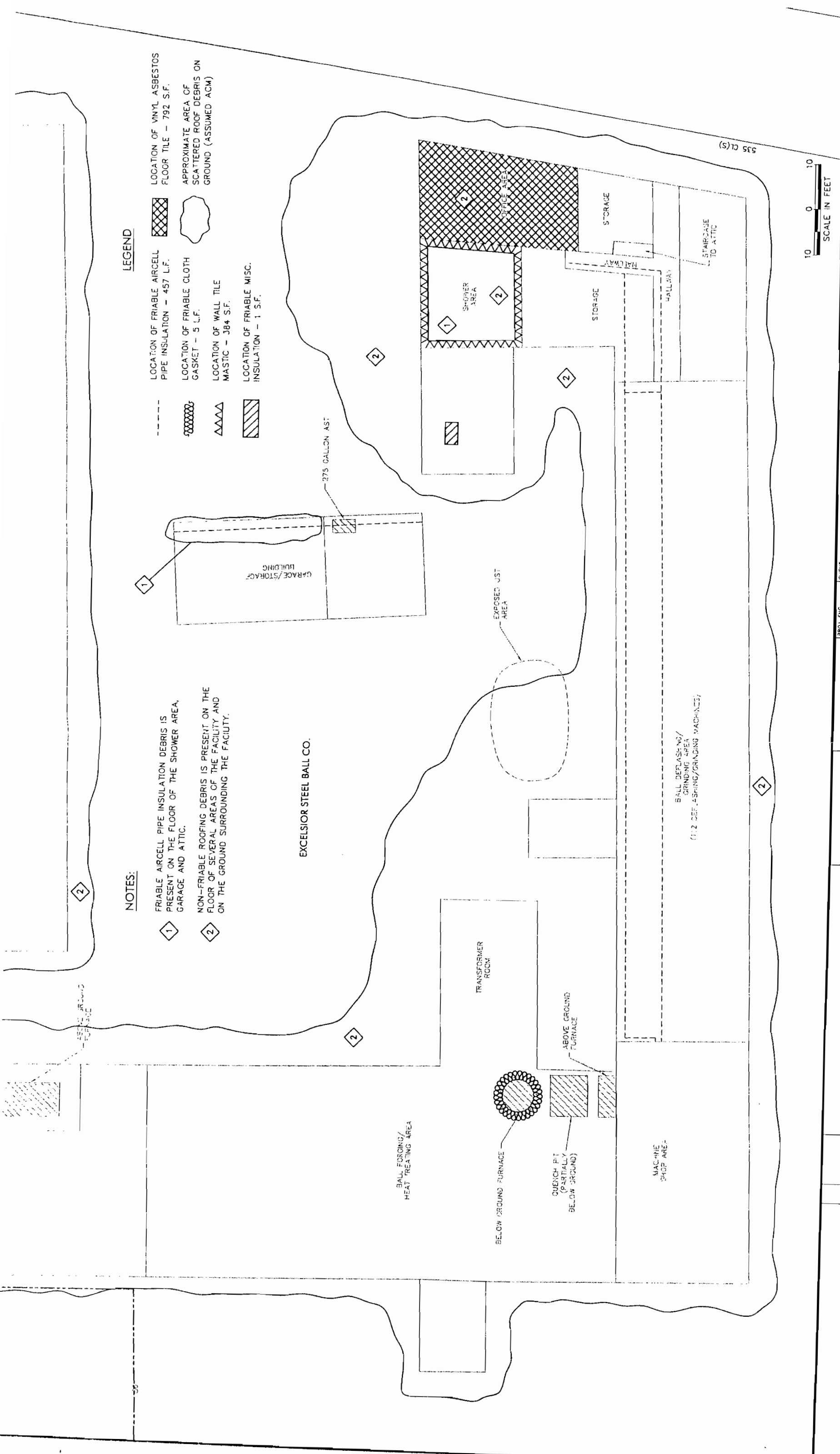


Photo 11 – Roof Debris on Ground outside of Office and Shower Area

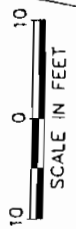


LEGEND

- LOCATION OF FRIABLE AIRCELL PIPE INSULATION - 457 L.F.
- LOCATION OF VINYL ASBESTOS FLOOR TILE - 792 S.F.
- LOCATION OF FRIABLE CLOTH GASKET - 5 L.F.
- LOCATION OF FRIABLE MISC. INSULATION - 1 S.F.
- LOCATION OF FRIABLE ROOFING DEBRIS ON FLOOR OF SEVERAL AREAS OF THE FACILITY AND ON THE GROUND SURROUNDING THE FACILITY.
- LOCATION OF FRIABLE ROOFING DEBRIS ON GROUND (ASSUMED ACM)
- LOCATION OF FRIABLE ROOFING DEBRIS ON FLOOR OF SEVERAL AREAS OF THE FACILITY AND ON THE GROUND SURROUNDING THE FACILITY.

NOTES:

- 1 FRIABLE AIRCELL PIPE INSULATION DEBRIS IS PRESENT ON THE FLOOR OF THE SHOWER AREA, GARAGE AND ATTIC.
- 2 NON-FRIABLE ROOFING DEBRIS IS PRESENT ON THE FLOOR OF SEVERAL AREAS OF THE FACILITY AND ON THE GROUND SURROUNDING THE FACILITY.



|                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                             |  |                                                  |  |                                                   |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------------------------------|--|--------------------------------------------------|--|---------------------------------------------------|--|
| WARNING<br>IT IS A VIOLATION OF SECTION 2209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON WHOSE NAME IS LISTED AS THE DESIGNER OR PREPARED BY ON THIS DRAWING TO ALTER IN ANY MANNER THE CONTENTS OF THIS DRAWING. IF AN ALTERATION IS MADE TO THIS DRAWING, THE ALTERING ENGINEER SHALL AFFIX TO THE DRAWING HIS SIGNATURE, DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. |  | PROJ. ENG. CLIENT: EXCELSIOR STEEL BALL CO. |  | JOB TITLE AND LOCATION: EXCELSIOR STEEL BALL CO. |  | LRO JOB NO.: 03-68-44                             |  |
| DESIGNED BY:                                                                                                                                                                                                                                                                                                                                                                                                              |  | CHECKED BY:                                 |  | DRAWN BY: D.P.A.                                 |  | SHEET 0F                                          |  |
| DATE:                                                                                                                                                                                                                                                                                                                                                                                                                     |  | NOVEMBER 2003                               |  | SCALE: NOT TO SCALE                              |  | FIGURE NO. D-1.1                                  |  |
| NO                                                                                                                                                                                                                                                                                                                                                                                                                        |  | DATE                                        |  | DESCRIPTION                                      |  | DRAWING TITLE: FIRST FLOOR ASBESTOS LOCATION PLAN |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                           |  |                                             |  | REVISIONS                                        |  | SHEET 1 OF 2                                      |  |

NOTES:

- 1

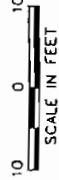
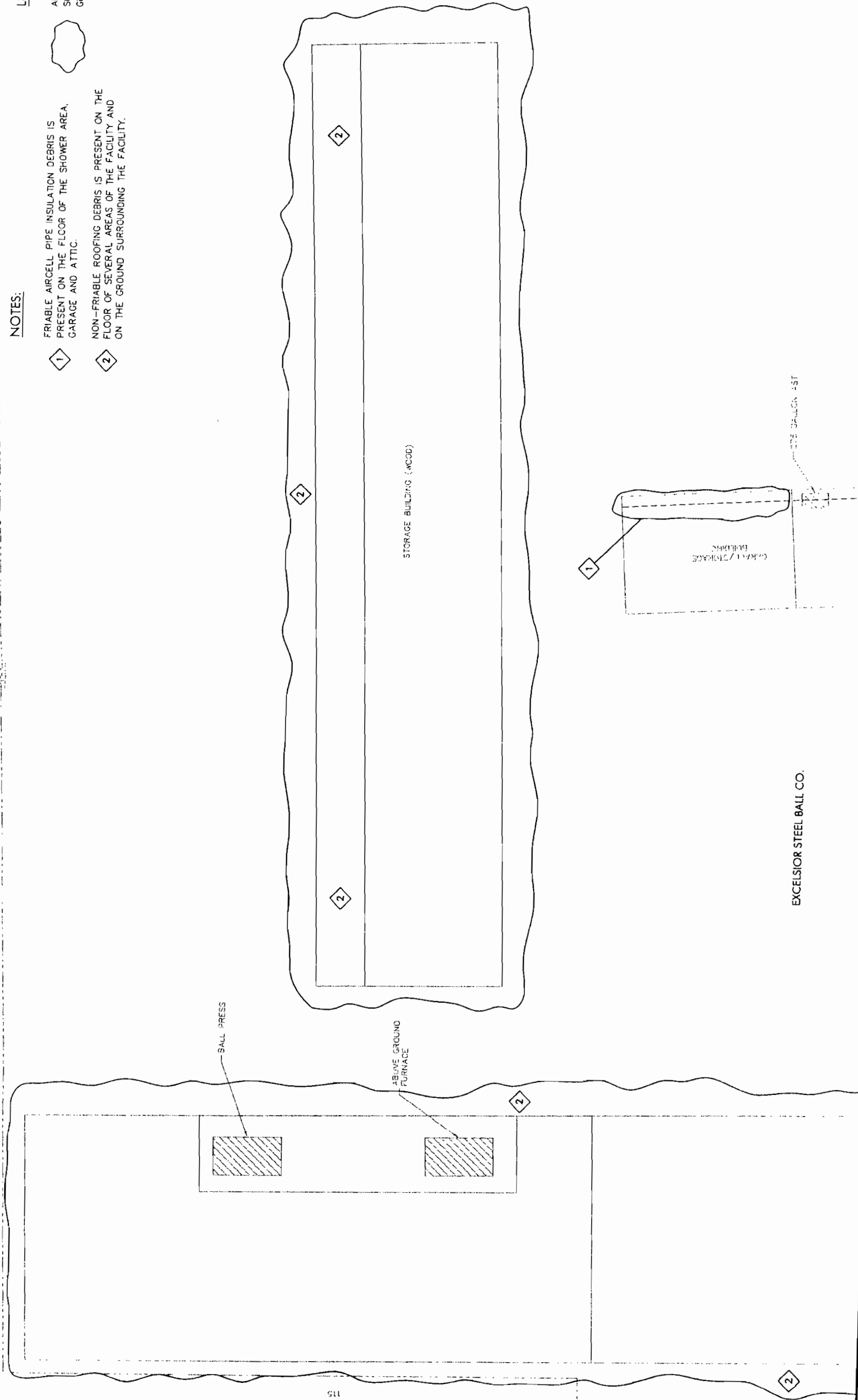
FRIABLE AIRCELL PIPE INSULATION DEBRIS IS PRESENT ON THE FLOOR OF THE SHOWER AREA, GARAGE AND ATTIC.
- 2

NON-FRIABLE ROOFING DEBRIS IS PRESENT ON THE FLOOR OF SEVERAL AREAS OF THE FACILITY AND ON THE GROUND SURROUNDING THE FACILITY.

LEGEND



APPROXIMATE AREA OF  
SCATTERED ROOF DEBRIS ON  
GROUND (ASSUMED ACM)



**WARNING**  
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| REVISIONS |      |
|-----------|------|
| NO.       | DATE |
|           |      |
|           |      |



| PROJ. ENG.   |       | CLIENT |               |
|--------------|-------|--------|---------------|
| DESIGNED BY: |       |        |               |
| CHECKED BY:  |       |        |               |
| DRAWN BY:    | D P A | DATE:  | NOVEMBER 2003 |
|              |       | SCALE: | NOT TO SCALE  |

| JOB TITLE AND LOCATION:            |  | LRO JOB NO.: |    |
|------------------------------------|--|--------------|----|
| EXCELSIOR STEEL BALL CO.           |  | 03-68-446    |    |
| DRAWING TITLE:                     |  | SHEET        | OF |
|                                    |  | FIGURE NO.   |    |
| FIRST FLOOR ASBESTOS LOCATION PLAN |  | D-1.2        |    |
| SHEET 2 OF 2                       |  |              |    |

NOTES:

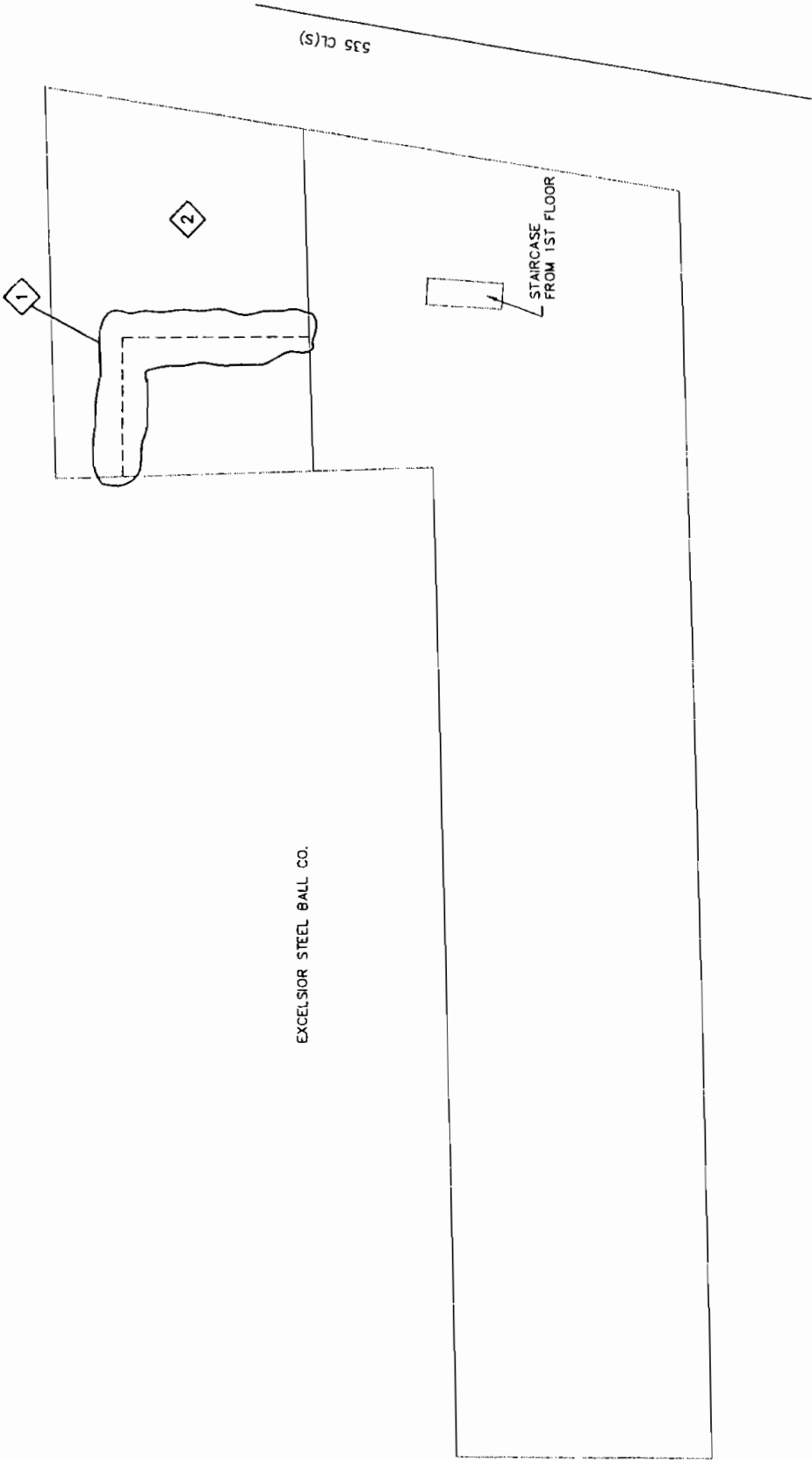
LEGEND

- 1

FRIABLE AIRCELL PIPE INSULATION DEBRIS IS PRESENT ON THE FLOOR OF THE SHOWER AREA, GARAGE AND ATTIC.
- 2

NON-FRIABLE ROOFING DEBRIS IS PRESENT ON THE FLOOR OF SEVERAL AREAS OF THE FACILITY AND ON THE GROUND SURROUNDING THE FACILITY.

-----  
LOCATION OF FRIABLE AIRCELL  
PIPE INSULATION - 36 L.F.



|                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |  |  |  |                     |                            |                |                               |                                 |                               |                                 |                                                       |  |                          |  |
|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|--|--|--|--|--|--|--|---------------------|----------------------------|----------------|-------------------------------|---------------------------------|-------------------------------|---------------------------------|-------------------------------------------------------|--|--------------------------|--|
| <b>WARNING</b><br>IT IS A VIOLATION OF SECTION 7209, SUBDIVISION 2, OF THE NEW YORK STATE EVIDENCE LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS OR ANY OTHER INSTRUMENT, TO ALTER, ADD, REMOVE, OR IN ANY MANNER TO CHANGE OR ALTER THE INSTRUMENT, OR TO ALTER THE INSTRUMENT IN ANY MANNER, AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. |  |  |  |  |  |  |  |  | <b>PROJ. ENG.</b>   |                            | <b>CLIENT:</b> |                               | <b>JOB TITLE AND LOCATION:</b>  |                               | <b>UPO JOB NO.</b><br>03-68-446 |                                                       |  |                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |  |  |  | <b>DESIGNED BY:</b> |                            |                |                               | <b>EXCELSIOR STEEL BALL CO.</b> |                               | <b>SHEET</b> 03-68-446          |                                                       |  |                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |  |  |  | <b>CHECKED BY:</b>  |                            |                |                               |                                 |                               | <b>OF</b>                       |                                                       |  |                          |  |
|                                                                                                                                                                                                                                                                                                                                                                                                                                                         |  |  |  |  |  |  |  |  |                     | <b>DRAWN BY:</b><br>D P A. |                | <b>DATE:</b><br>NOVEMBER 2003 |                                 | <b>SCALE:</b><br>NOT TO SCALE |                                 | <b>DRAWING TITLE:</b><br>ATTIC ASBESTOS LOCATION PLAN |  | <b>FIGURE NO.</b><br>D-2 |  |

M-37A,B,C  
RED BRICK FLOOR  
NAD

BALL PRESS  
M-38A,B,C  
WALL/CEILING BOARD  
NAD

M-40A,B,C  
WHITE FURNACE BRICK  
NAD  
M-41A,B,C  
PINK FURNACE BRICK  
NAD  
M-42A,B,C  
ORANGE FURNACE BRICK  
NAD

ABOVE GROUND  
FURNACE

M-39A  
FLOOR DEBRIS - MISC.  
NAD

M-35A,B,C  
WALL BRICK  
NAD  
M-36A,B,C  
ASSOCIATED MORTAR  
NAD

M-43A,B,C  
1/2" BLACK WIRE  
INSULATION  
NAD  
M-88A,B,C  
WHITE/BROWN/BLACK  
WIRE INSULATION  
NAD

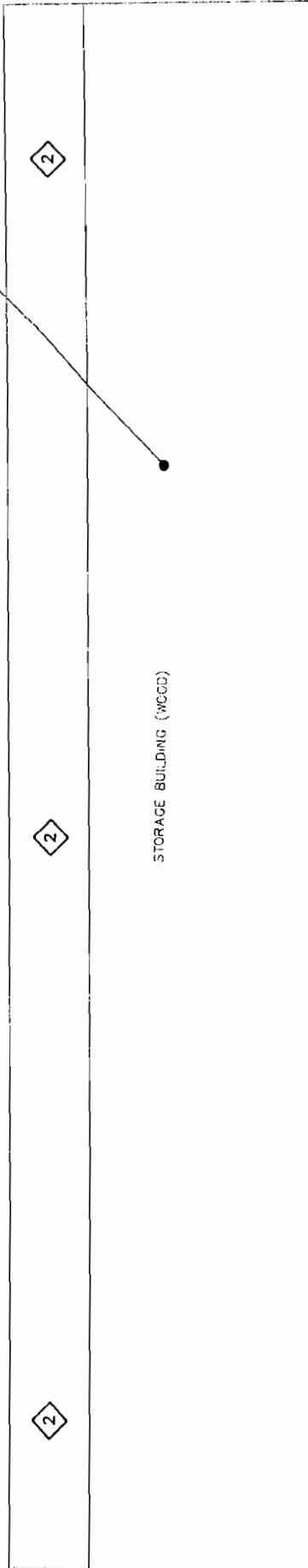
NOTES:

- 1 FRIABLE AIRCELL PIPE INSULATION (EBRIS IS PRESENT ON THE FLOOR OF THE SHOWER AREA, GARAGE AND ATTIC.
- 2 NON-FRIABLE ROOFING DEBRIS IS PRESENT ON THE FLOOR OF SEVERAL AREAS OF THE FACILITY AND ON THE GROUND SURROUNDING THE FACILITY.

LEGEND

- LOCATION OF FRIABLE AIRCELL PIPE INSULATION
- NAD NO ASBESTOS DETECTED
- NA NOT ANALYZED
- TRACE < 1% BY WEIGHT OF ASBESTOS

M-60A  
1/4" BLACK WIRE  
INSULATION  
NAD



EXCELSIOR STEEL BALL CO.



PROJ. ENGR.

DESIGNED BY:

CHECKED BY:

DRAWN BY:

D.P.A.

DATE: NOVEMBER 2003

SCALE: NOT TO SCALE

EXCELSIOR STEEL BALL CO.  
FIRST FLOOR SAMPLE LOCATION PLAN  
SHEET 2 OF 2

WARNING  
IT IS A VIOLATION OF SECTION 2209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL APPEARS ON THIS DRAWING, TO ALTER, ADD, DELETE, OR OTHERWISE MODIFY THIS DRAWING. IF AN ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX HIS SEAL AND THE NOTATION "ALTERED BY" FOLLOWED BY HIS SIGNATURE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION.

URD JOB NO.: 03-68-446  
SHEET 2 OF 2  
FIGURE NO.

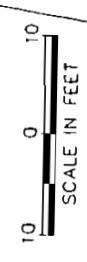
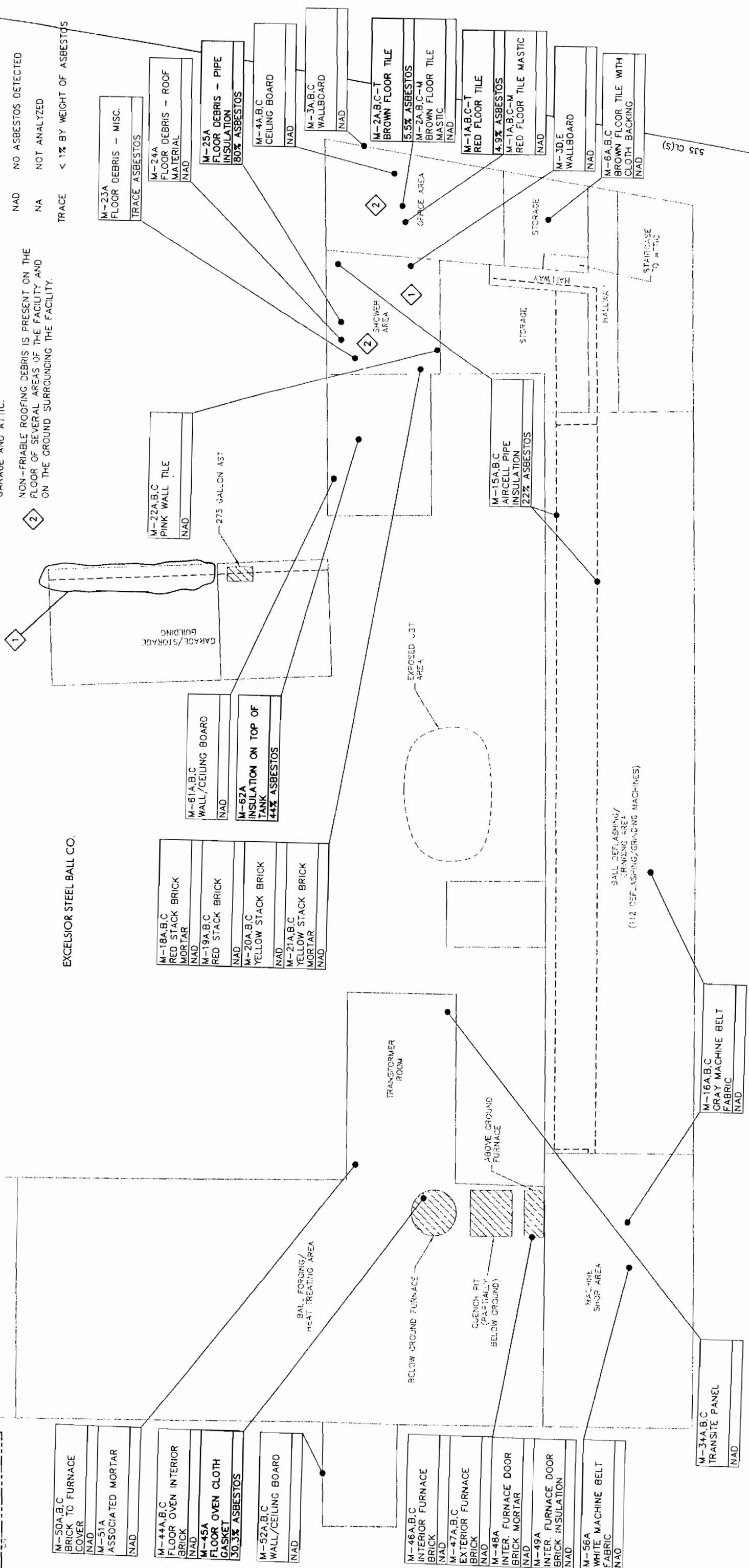
NOTES:

LEGEND

- 1 FRIABLE AIRCELL PIPE INSULATION DEBRIS IS PRESENT ON THE FLOOR OF THE SHOWER AREA, GARAGE AND ATTIC.
- 2 NON-FRIABLE ROOFING DEBRIS IS PRESENT ON THE FLOOR OF SEVERAL AREAS OF THE FACILITY AND ON THE GROUND SURROUNDING THE FACILITY.
- NAD NO ASBESTOS DETECTED
- NA NOT ANALYZED
- TRACE < 1% BY WEIGHT OF ASBESTOS

LOCATION OF FRIABLE AIRCELL PIPE INSULATION

EXCELSIOR STEEL BALL CO.



|                                                                                                                                                                                                                                                                                                                                                                                                                                                            |  |                     |  |                     |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--|---------------------|--|---------------------|--|
| JOB NO. 03-68-445                                                                                                                                                                                                                                                                                                                                                                                                                                          |  | SHEET OF            |  | FIGURE NO. A-1.1    |  |
| EXCELSIOR STEEL BALL CO.                                                                                                                                                                                                                                                                                                                                                                                                                                   |  |                     |  |                     |  |
| DRAWING TITLE FIRST FLOOR SAMPLE LOCATION PLAN                                                                                                                                                                                                                                                                                                                                                                                                             |  |                     |  |                     |  |
| SHEET 1 OF 2                                                                                                                                                                                                                                                                                                                                                                                                                                               |  |                     |  |                     |  |
| PROJ. ENG.                                                                                                                                                                                                                                                                                                                                                                                                                                                 |  | CLIENT:             |  | SCALE: NOT TO SCALE |  |
| DESIGNED BY:                                                                                                                                                                                                                                                                                                                                                                                                                                               |  | DATE: NOVEMBER 2003 |  | SCALE: NOT TO SCALE |  |
| CHECKED BY:                                                                                                                                                                                                                                                                                                                                                                                                                                                |  | D.P.A.              |  | SCALE: NOT TO SCALE |  |
| DRAWN BY:                                                                                                                                                                                                                                                                                                                                                                                                                                                  |  | D.P.A.              |  | SCALE: NOT TO SCALE |  |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | DATE                |  | DESCRIPTION         |  |
| NO.                                                                                                                                                                                                                                                                                                                                                                                                                                                        |  | DATE                |  | REVISIONS           |  |
| WARNING: IT IS A VIOLATION OF SECTION 2209, SUBDIVISION 2, OF THE NEW YORK STATE EDUCATION LAW FOR ANY PERSON, OTHER THAN THOSE WHOSE SEAL, SIGNATURE OR NAME IS ON THIS DRAWING, TO ALTER, IN ANY MANNER, THE DRAWING OR TO REPRODUCE, IN ANY MANNER, THE DRAWING. ANY SUCH VIOLATION IS A VIOLATION OF THE LAW AND THE NOTATION "ALTERED BY" SHALL BE APPLIED TO THE DATE AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. |  |                     |  |                     |  |

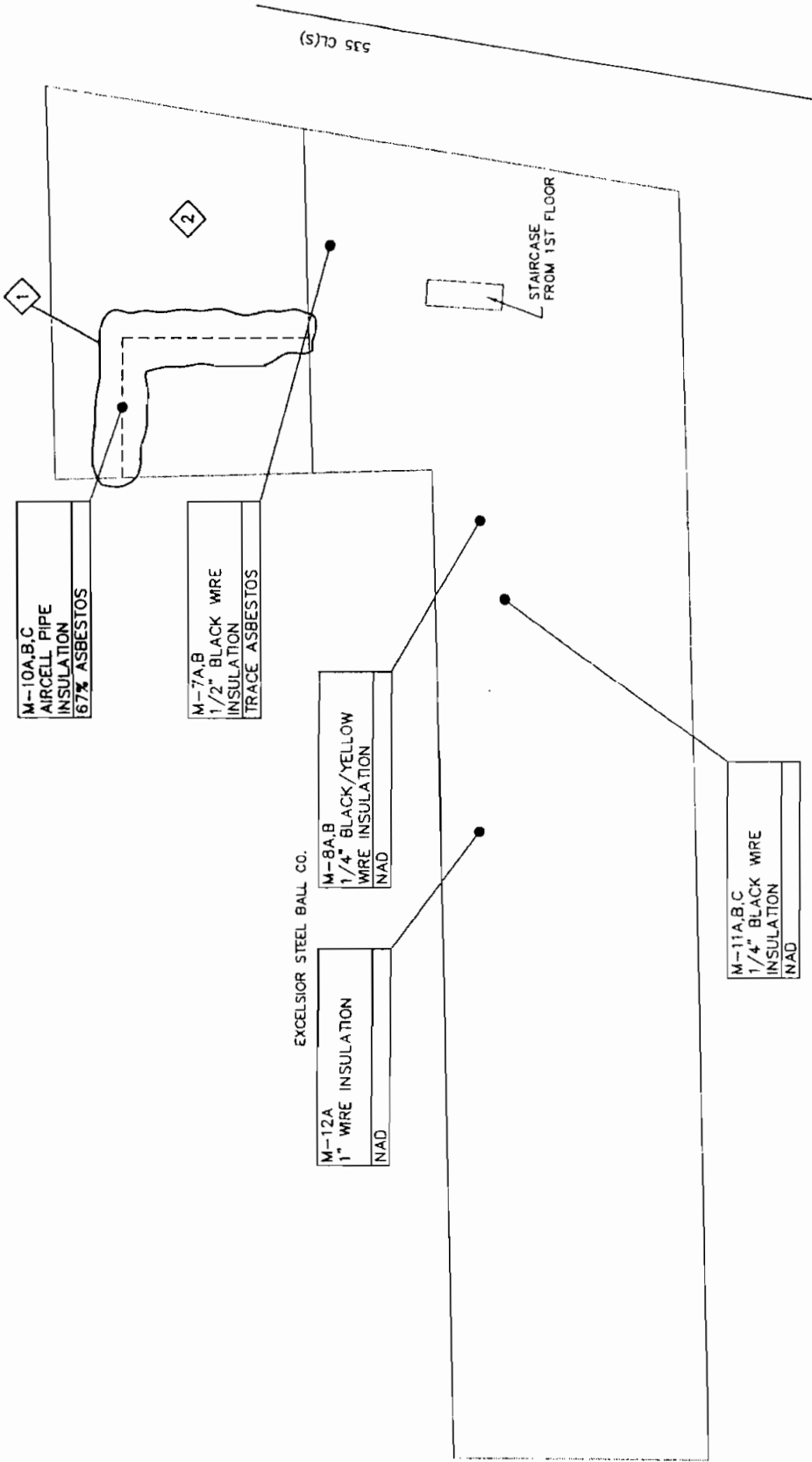


NOTES:

LEGEND

-----  
LOCATION OF FRIABLE AIRCELL  
PIPE INSULATION  
NAD NO ASBESTOS DETECTED  
NA NOT ANALYZED  
TRACE < 1% BY WEIGHT OF ASBESTOS

- 1 FRIABLE AIRCELL PIPE INSULATION DEBRIS IS  
PRESENT ON THE FLOOR OF THE SHOWER AREA,  
GARAGE AND ATTIC.  
2 NON-FRIABLE ROOFING DEBRIS IS PRESENT ON THE  
FLOOR OF SEVERAL AREAS OF THE FACILITY AND  
ON THE GROUND SURROUNDING THE FACILITY.



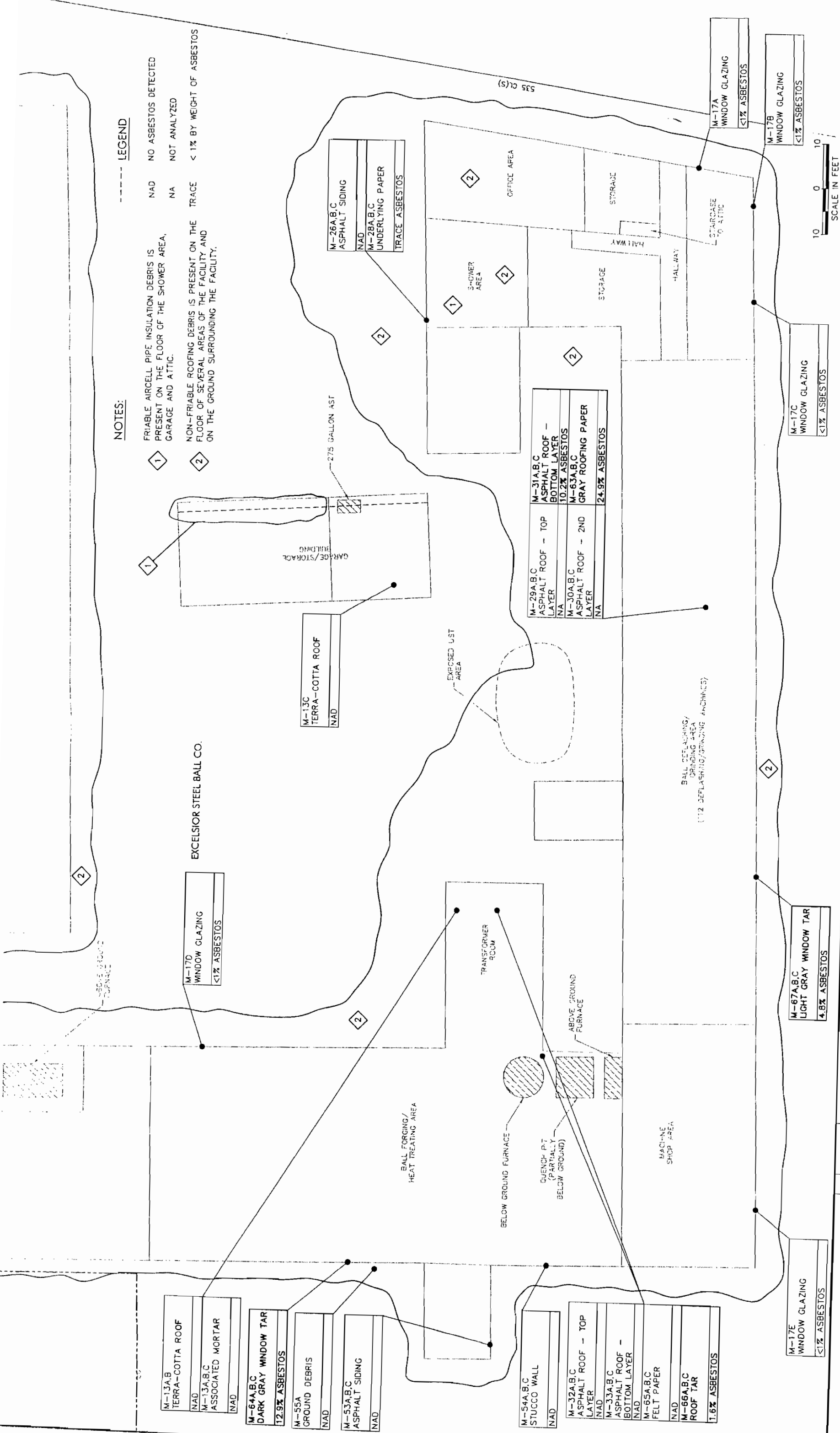
|                                                                                                                                                                                                                                                                                                                                                                                                           |     |      |             |           |               |              |             |           |       |        |              |                         |                          |               |
|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----|------|-------------|-----------|---------------|--------------|-------------|-----------|-------|--------|--------------|-------------------------|--------------------------|---------------|
| WARNING<br>IT IS A VIOLATION OF SECTION 2109, SUBDIVISION 2, OF THE NEW YORK STATE<br>EDUCATION LAW FOR ANY PERSON OTHER THAN THOSE WHOSE SEAL APPEARS<br>ON THIS DRAWING, TO ALTER IN ANY WAY AN ITEM ON THIS DRAWING. IF AN<br>ITEM IS ALTERED, THE ALTERING ENGINEER SHALL AFFIX TO THE ITEM HIS SEAL<br>AND SIGNATURE, AND THE DATE OF SUCH ALTERATION, AND A SPECIFIC DESCRIPTION OF THE ALTERATION. | NO. | DATE | DESCRIPTION | REVISIONS | PROJECT ENG.: | DESIGNED BY: | CHECKED BY: | DRAWN BY: | DATE: | SCALE: | NOT TO SCALE | JOB TITLE AND LOCATION: | EXCELSIOR STEEL BALL CO. | UPTO JOB NO.: |
|                                                                                                                                                                                                                                                                                                                                                                                                           |     |      |             |           |               |              |             |           |       |        |              |                         |                          | 03-68-446     |
|                                                                                                                                                                                                                                                                                                                                                                                                           |     |      |             |           |               |              |             |           |       |        |              |                         |                          | SHEET OF      |
| DRAWING TITLE:                                                                                                                                                                                                                                                                                                                                                                                            |     |      |             |           |               |              |             |           |       |        |              |                         |                          |               |
| ATTIC SAMPLE LOCATION PLAN                                                                                                                                                                                                                                                                                                                                                                                |     |      |             |           |               |              |             |           |       |        |              |                         |                          |               |
| FIGURE NO. A-2                                                                                                                                                                                                                                                                                                                                                                                            |     |      |             |           |               |              |             |           |       |        |              |                         |                          |               |



NOTES:

LEGEND

- 1 FRIABLE AIRCELL PIPE INSULATION DEBRIS IS PRESENT ON THE FLOOR OF THE SHOWER AREA, GARAGE AND ATTIC.
- 2 NON-FRIABLE ROOFING DEBRIS IS PRESENT ON THE FLOOR OF SEVERAL AREAS OF THE FACILITY AND ON THE GROUND SURROUNDING THE FACILITY.
- NAD NO ASBESTOS DETECTED
- NA NOT ANALYZED
- TRACE < 1% BY WEIGHT OF ASBESTOS



WARNING  
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| REVISIONS |      |
|-----------|------|
| NO.       | DATE |
|           |      |
|           |      |



| PROJ. ENG.   |              | CLIENT: |               |
|--------------|--------------|---------|---------------|
| DESIGNED BY: |              |         |               |
| CHECKED BY:  |              |         |               |
| DRAWN BY:    | D.P.A.       | DATE:   | NOVEMBER 2003 |
| SCALE:       | NOT TO SCALE |         |               |

| JOB TITLE AND LOCATION: |  | EXCELSIOR STEEL BALL CO.      |  |
|-------------------------|--|-------------------------------|--|
| DRAWING TITLE:          |  | EXTERIOR SAMPLE LOCATION PLAN |  |
|                         |  | SHEET 1 OF 2                  |  |
|                         |  | FIGURE NO                     |  |
|                         |  | A-3.1                         |  |

UPO JOB NO.: 03-68-42

SHEET OF

NOTES:

- 1

FRIABLE AIRCELL PIPE INSULATION DEBRIS IS PRESENT ON THE FLOOR OF THE SHOWER AREA, GARAGE AND ATTIC.
- 2

NON-FRIABLE ROOFING DEBRIS IS PRESENT ON THE FLOOR OF SEVERAL AREAS OF THE FACILITY AND ON THE GROUND SURROUNDING THE FACILITY.

LEGEND

- NAD

NO ASBESTOS DETECTED
- NA

NOT ANALYZED
- TRACE

< 1% BY WEIGHT OF ASBESTOS

|                             |
|-----------------------------|
| M-57A,B,C                   |
| ASPHALT ROOF - TOP LAYER    |
| 5.4% ASBESTOS               |
| M-58A,B,C                   |
| ASPHALT ROOF - BOTTOM LAYER |
| NAD                         |

115

ABOVE GROUND FURNACE

STORAGE BUILDING (WOOD)

EXCELSIOR STEEL BALL CO.

10 0 10  
SCALE IN FEET

WARNING  
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| REVISIONS |      |
|-----------|------|
| NO.       | DATE |



L&R Engineering, Inc.  
200 West 10th Street  
Syosset, New York

PROJ. ENG.:

CLIENT:

DESIGNED BY:

CHECKED BY:

DRAWN BY:

D.P.A.

DATE: NOVEMBER 2003

SCALE:

NOT TO SCALE

JOB TITLE AND LOCATION:

EXCELSIOR STEEL BALL CO.

DRAWING TITLE:

EXTERIOR SAMPLE LOCATION PLAN  
SHEET 2 OF 2

JOB NO.:

03-68-446

SHEET

OF

FIGURE NO.

A-3.2