

Report. HW. 633042. 1999-10. Soil Excavation-
IRM Construction Completion Report

SUMMARY REPORT

**Soil Excavation
Interim Remedial Measures
Construction Completion Report
Rome Sentinei Parcel
Rome, New York**

Niagara Mohawk Power Corporation

October 1999



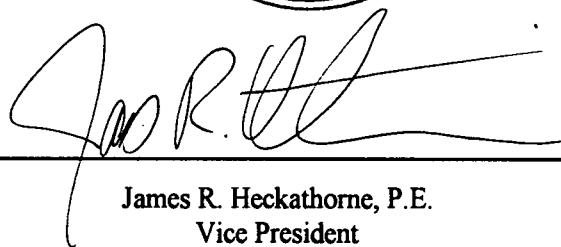
O'BRIEN & GERE
ENGINEERS, INC.

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Construction Completion Report
Rome Sentinel Parcel
Rome, New York**

Niagara Mohawk Power Corporation




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October 1999



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1. Introduction

1.1. General

This is the Interim Remedial Measure (IRM) Construction Completion Report for the Rome Sentinel parcel located in Rome, New York, describing the activities conducted during completion of the IRM at the site between November 1998 and June 1999. The IRM was conducted as part of an Order on Consent, Index Number DO-0001-9210, dated November 16, 1992 entered into by Niagara Mohawk Power Corporation (NMPC) and the New York State Department of Environmental Conservation (NYSDEC).

The IRM consisted of excavation and off-site disposal of soils containing polynuclear aromatic hydrocarbons (PAHs), volatile organic compounds (VOCs) and metals at concentrations above the remedial action objectives (RAOs) established by the NYSDEC for the Rome Sentinel parcel. The RAOs, as identified in the NYSDEC-approved Work Plan dated September 1998 and all subsequent revisions, included:

- Eliminating to the extent practicable, the contamination present within the proposed excavation areas located on the Rome Sentinel parcel
- Eliminating the potential for direct human or animal contact with contaminated soils on site that may present significant threats
- Mitigating potential sources of contaminant loading to ground water at the site to the extent practicable

- Achieving the interim clean-up objectives, established in accordance with NYSDEC TAGM 4046, as follows:

Table 1-1. *Interim clean-up objectives (TAGM 4046).*

Parameter	RAO (mg/kg, dry weight)
Individual VOCs	1
Total VOCs	10
Total Carcinogenic PAHs	10
Total Non-Carcinogenic PAHs	500

The work of the IRM as documented by this report was completed in accordance with the IRM Excavation Work Plan (revision dated September 24, 1998) which was approved by NYSDEC by letters dated November 12, 1998 and December 7, 1998.

This report is organized into two sections. This first section presents background information regarding the site and investigations completed. Section 2 provides information regarding the IRM construction activities completed, and describes post-construction conditions based on the verification sampling results. Documents generated during completion of the IRM are presented as appendices to the Construction Completion Report, in accordance with the IRM Work Plan.

1.2. Background

The Rome Sentinel parcel is a 0.5 acre parcel located on Erie Boulevard, in Rome, New York. The property is abutted to the east by the western parcel of NMPC's Rome (Jay & Madison Street) Site, which is the location of a former manufactured gas plant (MGP). A site location map is presented as Figure 1.

Supplemental investigations were conducted by NMPC during the months of March and May 1998 on the Rome Sentinel parcel and an adjacent western parcel of the Rome (Jay & Madison Street) Site owned by NPMC. NMPC acquired the Rome Sentinel parcel in 1999. The supplemental field investigation activities were conducted in accordance with the NYSDEC-approved *Final Work Plan for Preliminary Site Assessment/Interim Remedial Measures (PSA/IRM) Study at the Rome (Jay & Madison St.) Site*

and the *Generic Field Sampling Plan (GFSP)*. The supplemental investigations included the installation and sampling of twelve soil borings and six monitoring wells (MW-6S, MW-6D, MW-7S, MW-7D, MW-8S and MW-8D). The locations of the soil borings and monitoring wells are shown on Figure 2. The results of the subsurface soil investigations are discussed below. The supplemental investigations indicated the presence of PAHs, VOCs, and metals in soils and ground water at the Rome Sentinel parcel.

Subsequent investigations conducted at the Site included surface soil samples collected at twelve locations on October 5, 1998. The results of the surface soil sampling are also discussed below.

1.2.1. Soil boring data summary

The twelve soil borings were advanced to an approximate depth of 10 feet below grade using hollow-stem auger or direct-push drilling methods. Soil samples were screened using a photoionization detector (PID) and visually described by an on-site hydrogeologist. A minimum of two soil samples were retained from each boring and submitted for laboratory analyses in accordance with the NYSDEC-approved GFSP. Subsurface soil sample locations, depths, and concentrations of chemical constituents which exceed the NYSDEC TAGM 4046 remedial guideline values are shown on Figure 3.

Based on the analytical results for the subsurface soil samples collected during the supplemental investigations, the excavation areas presented on Figure 4 were proposed in the Work Plan. As the depth to ground water is approximately 6 feet below grade, the depth of excavation was not expected to exceed 6 to 8 feet below grade. Based on these approximate limits, it was estimated that approximately 300 c.y. of soil would be excavated. The final limits of excavation, however, were to be based on field observations and on verification sampling indicating achievement of the RAOs.

1.2.2. Surface soil data summary

Surface soil samples were collected from 0 to 6 inches at the twelve locations shown on Figure 5. Each of the samples collected was analyzed for PAHs and the results are summarized in Table 1.2. Based on the total PAH concentrations shown, it was initially proposed that the surface soils would be excavated to a depth of 6 inches within the limits shown on Figure 5. However, based on conversations between the NYSDEC and NMPC, the extent of the surface soil scrape was later limited to an area surrounding soil boring SB-11 where the total concentration of carcinogenic PAH was 411 ppm. Given that total carcinogenic PAH concentrations of the remainder of

the area were less than 50 ppm and the fact that fill material would be required to build up the area prior to redevelopment, it was instead agreed that this area would be covered with approximately 24 inches of clean imported fill.

2. IRM construction

2.1. General

This section presents information regarding the waste characterization for disposal, field activities completed, and describes post-construction conditions based on the verification sampling results.

2.2. Waste characterization

IRM activities began on November 17, 1998 with the collection of three, composite soil samples obtained for the purpose of pre-characterizing the soil for off-site disposal. The soil samples were collected from test pits excavated near soil borings SB-6, SB-7 and SB-2. Prior to excavating the test pits, UFPO was contacted to locate utilities adjoining the site. NMPC and the City of Rome reported the site to be clear of utilities. The locations of the test pits to be excavated were also established on that date.

A test pit approximately 5 ft. deep was excavated approximately 10 ft west of SB-6. Another test pit excavated near SB-7 was approximately 5 ft deep and located 1 ft east of SB-7. The third test pit excavated was approximately 5 ft deep and located 8 ft northwest of SB-2.

Air monitoring was conducted continuously while excavating the test pits using a particulate meter to measure levels of dust and particulates in the air. Monitoring was also conducted using a photoionization detector (PID) to assess total VOC levels at the excavations. Concentrations of particulates measured ranged from 0.026 mg/m³ to 0.035 mg/m³, and PID readings indicated no-detectable VOCs.

Soil samples from each test pit were collected, composited, and submitted to Phoenix Environmental Laboratories, Inc. for analyses. Specifically, three composite samples were analyzed for the following parameters:

- Semi-volatile organic compounds
- Total petroleum hydrocarbons (TPH) by gas chromatography
- Benzene
- Total organic halogens
- Polychlorinated biphenyls (PCBs)
- Toxicity characteristic leachate procedure (TCLP) extraction metals
- TCLP arsenic
- TCLP barium
- TCLP cadmium
- TCLP chromium
- TCLP lead
- TCLP selenium
- TCLP silver
- TCLP mercury
- Total cyanide
- Total sulfur

The analytical results of these samples are presented in Appendix A. Soil was also collected, placed in gallon-sized bags, and provided to Environmental Soil Management, Inc. (ESMI) of Fort Edward, New York, the proposed treatment/disposal facility, for inspection and/or additional testing.

Additional samples were later collected and analyzed to allow treatment/disposal of a total of up to 2,250 tons of soil at ESMI. The analytical results for the additional pre-characterization samples are also presented in Appendix A.

2.3. Construction summary

IRM excavation activities were initiated May 3, 1999 and completed June 7, 1999. Soil excavation was performed using conventional excavating equipment.

The excavation began with the removal of the top 6 inches of soil in an area having dimensions of 40 feet north/south by 32 feet east/west surrounding soil boring SB-11 and identified in Figure 6 as the Surface Soil Removal Area. This area was smaller than that originally proposed and shown in Figure 5, as discussed in Section 1.2.2.

The removed surface soil was stockpiled around SB-2 in an area identified for subsequent excavation. While stockpiled, the soil was covered with 40-mil thick polyethylene liner. Following this initial excavation, clean fill material was delivered to the site to backfill the excavated area and to construct a road on site for the purpose of minimizing contact with existing surface soils by trucks and excavating equipment.

Beginning on May 6, 1999, soil was excavated from the identified area surrounding SB-6 and SB-7, and SB-2 as shown on Figure 4. The extent of this first phase of excavation is shown on Figure 6. Soil removed from the excavations was placed immediately into trucks containing polyethylene liners for immediate transportation to ESMI for off-site treatment/disposal. Polyethylene was also placed on the ground beneath the trucks to protect the ground surface from spillage from the loading operation.

Following removal of the soil, verification samples were collected from the walls of the excavation. Composite samples were used to characterize the soils remaining from each of four side walls. Each sample consisted of representative portions of soil obtained from various locations from each side wall of the excavation, collected approximately four feet below grade. The samples were transported to O'Brien & Gere Laboratories, Inc. (OBG Labs) in Syracuse, New York and analyzed for VOCs by EPA Method 8260 and for SVOCs by EPA Method 8270.

The analytical results (Appendix B) for the first set of verification samples indicated higher than allowable (10 ppm) levels of total carcinogenic PAHs in several of the composite samples. As such, further excavation and subsequent sampling was necessary as required by the NYSDEC-approved Work Plan in an attempt to comply with the 10 ppm carcinogenic PAH interim cleanup objective. Based on the results of verification samples, six phases of excavation were required to meet the objectives of the program.

Table 2.1 presents a chronology summarizing the dates on which further excavations were completed and additional verification samples were collected. The limits of each phase of excavation are shown on Figure 6.

In total, 1,406.37 cubic yards (c.y.) (1,940.79 tons) of soil was excavated and removed from the Rome Sentinel parcel. The original estimate for soil excavation in the Work Plan was 300 c.y. In accordance with the NYSDEC-approved Work Plan, the excavated soils were transported off-site and disposed of at ESMI for thermal treatment. Copies of the waste disposal manifests are provided in Appendix C.

As shown by Figure 7, the final excavations extended laterally much further than initially anticipated due to difficulty attaining the 10 ppm carcinogenic PAH interim cleanup objective. Table 2.2 presents the results of the post-excavation verification samples collected from the final limits of the excavations. The approximate locations from where these samples were collected are also shown on Figure 7.

Based on the results of the post-excavation verification samples, the interim clean-up objectives have been achieved with the exception of the following:

- The east side of excavation SB-2 exhibited 26.2 ppm of carcinogenic PAH but could not be extended because it is located against the fence along the eastern property boundary.
- Excavation SB-6/7 was not extended further to the south, although the composite sample in that direction exhibited 16.61 ppm of carcinogenic PAHs, due to its proximity to Erie Boulevard.
- After discussion between NMPC and NYSDEC, it was also decided not to extend excavation SB-6/7 further to the north as it appeared that the majority of impacted soil had been removed. The final verification sample exhibited a total carcinogenic PAH concentration of 10.26 ppm compared to the interim clean-up objective of 10 ppm. This was agreed upon by the on-site NYSDEC representative.
- Analytical results of sample SB-2-N-3 indicated total carcinogenic PAHs at 84.5 ppm, however, the excavation to the north had reached the property boundary at Woodrow Avenue.
- Analytical results of sample SB-2-W-3 indicated total carcinogenic PAHs of 33.3 ppm. Review of the data from soil boring SB-1 indicated that the concentrations of total carcinogenic PAHs at samples collected from 4 to 6 ft and 8 to 10 ft were non-detect. Furthermore, review of the excavation revealed that the northern portion of this wall was likely the source of the elevated concentrations. Therefore, a field decision was made to cease excavation in the westward direction. However, a portion of the northern end of this side wall was excavated further westward during Phase 4 of the excavation as illustrated on Figure 6. This course of action was agreed upon by the on-site NYSDEC representative.

2.4. Site restoration

Upon completing the excavations as illustrated on Figure 7, the area was backfilled to original grade with material brought in from Lee Central Sand and Gravel. A total of 3,156 c.y. of soil was used to fill the area.

Soil was also brought in from an NMPC-approved off-site area for the purpose of covering the surface of the site with 2 ft of fill to minimize potential contact with on-site surface soils. It was agreed that the fill would be tapered at the boundaries of the area as needed to maintain sheet flow drainage across the site. Figure 7 presents the fill thicknesses established at specific locations by a pre- and post-IRM survey. As illustrated on this figure, the surface cover thickness ranges from approximately 0.25 ft to 2 ft. This cover was deemed sufficient by the NYSDEC and NYSDOH given that there would be deed restrictions placed on the property by NMPC as follows:

- Site would only be used for commercial or light industrial purposes
- No on-site ground water supply
- No excavation below the cover thickness identified on Figure 7 without prior notice to, and approval from NYSDEC and NYSDOH

Further details pertaining to the cover thickness are contained in a letter dated July 14, 1999 included as Appendix D.

2.5. Documentation/record keeping

Health and safety monitoring records for the construction period are included in Appendix E. In accordance with the Work Plan, air monitoring was conducted periodically while excavating using a particulate meter to measure levels of dust and particulates in the air. Monitoring was also conducted using a photoionization detector (PID) to assess total VOC levels at the excavations.



Table 1.2
Soil Excavation Interim Remedial Measures
Sentinel Parcel
Rome, New York

Surface Soil TCL Semivolatile Organic Compound Data

Compound	MW-6S 0 - 0.5 ft 10/05/98 mg/Kg Soil	MW-7S 0 - 0.5 ft 10/05/98 mg/Kg Soil	MW-8S 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-10 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-11 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-12 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-13 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-3 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-4 0 - 0.5 ft 10/05/98 mg/Kg Soil
1,2,4-Trichlorobenzene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
1,2-Dichlorobenzene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
1,3-Dichlorobenzene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
1,4-Dichlorobenzene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2,2'-oxybis(1-Chloropropane)	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2,4,5-Trichlorophenol	9.4 U	9.6 U	1.8 U	1.8 U	200 U	9.1 U	1.8 U	10 U	9.2 U
2,4,6-Trichlorophenol	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2,4-Dichlorophenol	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2,4-Dimethylphenol	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2,4-Dinitrophenol	9.4 U	9.6 U	1.8 U	1.8 U	200 U	9.1 U	1.8 U	10 U	9.2 U
2,4-Dinitrotoluene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2,6-Dinitrotoluene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2-Chloronaphthalene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2-Chlorophenol	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2-Methylnaphthalene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2-Methylphenol	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
2-Nitroaniline	9.4 U	9.6 U	1.8 U	1.8 U	200 U	9.1 U	1.8 U	10 U	9.2 U
2-Nitrophenol	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
3,3-Dichlorobenzidine	3.8 U	3.9 U	0.72 U	0.74 U	80 U	3.6 U	0.71 U	4.1 U	3.7 U
3-Nitroaniline	9.4 U	9.6 U	1.8 U	1.8 U	200 U	9.1 U	1.8 U	10 U	9.2 U
4,6-Dinitro-2-methylphenol	9.4 U	9.6 U	1.8 U	1.8 U	200 U	9.1 U	1.8 U	10 U	9.2 U
4-Bromophenyl phenyl ether	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
4-Chloro-3-methylphenol	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
4-Chloroaniline	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
4-Chlorophenyl phenyl ether	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U

NOTES: NC - no applicable criteria, --- - not analyzed, J or B - estimated value, E - outside instrument linear range, D - diluted analysis, N - tentatively identified, R - unusable, use data from alternate analysis.
* - carcinogenic PAH.



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Table 1.2
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Sentinel Parcel
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Compound	MW-6S 0 - 0.5 ft 10/05/98 mg/Kg Soil	MW-7S 0 - 0.5 ft 10/05/98 mg/Kg Soil	MW-8S 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-10 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-11 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-12 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-13 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-3 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-4 0 - 0.5 ft 10/05/98 mg/Kg Soil
4-Methylphenol	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
4-Nitroaniline	9.4 U	9.6 U	1.8 U	1.8 U	200 U	9.1 U	1.8 U	10 U	9.2 U
4-Nitrophenol	9.4 U	9.6 U	1.8 U	1.8 U	200 U	9.1 U	1.8 U	10 U	9.2 U
Acenaphthene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Acenaphthylene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Anthracene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Benzo(a)anthracene	4.1	2.6	0.36 U	0.81	70	3.6	0.35 U	2.9	2.3
Benzo[a]pyrene	4.2	3	0.36 U	0.84	72	4	0.35 U	3.5	2.8
Benzo(b)fluoranthene	5	4	0.36 U	1.3	100	5.8	0.35 U	5.5	3.9
Benzo(ghi)perylene	2.6	2.1	0.36 U	0.55	47	2.9	0.35 U	3.1	2
Benzo(k)fluoranthene	1.9	1.9 U	0.36 U	0.42	40	2.2	0.35 U	2 U	1.8 U
Butyl benzyl phthalate	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Carbazole	---	---	---	---	---	---	---	---	---
Chrysene	4.3	2.7	0.36 U	0.96	86	4.5	0.35 U	3.4	2.7
Di-n-butyl phthalate	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Di-n-octyl phthalate	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Dibenzo(a,h)anthracene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Dibenzofuran	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Diethyl phthalate	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Dimethyl phthalate	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Fluoranthene	6.1	3.5	0.36 U	1.5	160	7.1	0.35 U	5	3.5
Fluorene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Hexachlorobenzene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Hexachlorobutadiene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U
Hexachlorocyclopentadiene	1.9 U	1.9 U	0.36 U	0.37 U	40 U	1.8 U	0.35 U	2 U	1.8 U

NOTES: NC - no applicable criteria, --- - not analyzed, J or B - estimated value, E - outside instrument linear range, D - diluted analysis, N - tentatively identified, R - unusable, use data from alternate analysis.
* - carcinogenic PAH.



Surface Soil TCL Semivolatile Organic Compound Data

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Table 1.2
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Sentinel Parcel
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Surface Soil TCL Semivolatile Organic Compound Data

Compound	SB-5 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-8 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-9 0 - 0.5 ft 10/05/98 mg/Kg Soil
1,2,4-Trichlorobenzene	2 U	0.37 U	3.8 U
1,2-Dichlorobenzene	2 U	0.37 U	3.8 U
1,3-Dichlorobenzene	2 U	0.37 U	3.8 U
1,4-Dichlorobenzene	2 U	0.37 U	3.8 U
2,2'-oxybis(1-Chloropropane)	2 U	0.37 U	3.8 U
2,4,5-Trichlorophenol	10 U	1.8 U	19 U
2,4,6-Trichlorophenol	2 U	0.37 U	3.8 U
2,4-Dichlorophenol	2 U	0.37 U	3.8 U
2,4-Dimethylphenol	2 U	0.37 U	3.8 U
2,4-Dinitrophenol	10 U	1.8 U	19 U
2,4-Dinitrotoluene	2 U	0.37 U	3.8 U
2,6-Dinitrotoluene	2 U	0.37 U	3.8 U
2-Chloronaphthalene	2 U	0.37 U	3.8 U
2-Chlorophenol	2 U	0.37 U	3.8 U
2-Methylnaphthalene	2 U	0.37 U	3.8 U
2-Methylphenol	2 U	0.37 U	3.8 U
2-Nitroaniline	10 U	1.8 U	19 U
2-Nitrophenol	2 U	0.37 U	3.8 U
3,3-Dichlorobenzidine	4 U	0.74 U	7.7 U
3-Nitroaniline	10 U	1.8 U	19 U
4,6-Dinitro-2-methylphenol	10 U	1.8 U	19 U
4-Bromophenyl phenyl ether	2 U	0.37 U	3.8 U
4-Chloro-3-methylphenol	2 U	0.37 U	3.8 U
4-Chloroaniline	2 U	0.37 U	3.8 U
4-Chlorophenyl phenyl ether	2 U	0.37 U	3.8 U

NOTES: NC - no applicable criteria, --- - not analyzed, J or B - estimated value, E - outside instrument linear range, D - diluted analysis, N - tentatively identified, R - unusable, use data from alternate analysis.
* - carcinogenic PAH.



Table 1.2
Soil Excavation Interim Remedial Measures
Sentinel Parcel
Rome, New York

Surface Soil TCL Semivolatile Organic Compound Data

Compound	SB-5 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-8 0 - 0.5 ft 10/05/98 mg/Kg Soil	SB-9 0 - 0.5 ft 10/05/98 mg/Kg Soil
4-Methylphenol	2 U	0.37 U	3.8 U
4-Nitroaniline	10 U	1.8 U	19 U
4-Nitrophenol	10 U	1.8 U	19 U
Acenaphthene	2 U	0.37 U	3.8 U
Acenaphthylene	2 U	0.37 U	3.8 U
Anthracene	2 U	0.37 U	3.8 U
Benzo(a)anthracene	2.5	0.68	6.3
Benzo(a)pyrene	2.9	0.95	8.7
Benzo(b)fluoranthene	3.8	1.5	13
Benzo(ghi)perylene	2 U	1.2	8.2
Benzo(k)fluoranthene	2 U	0.43	4.4
Butyl benzyl phthalate	2 U	0.37 U	3.8 U
Carbazole	---	---	---
Chrysene	2.8	0.99	9.1
Di-n-butyl phthalate	2 U	0.37 U	3.8 U
Di-n-octyl phthalate	2 U	0.37 U	3.8 U
Dibenzo(a,h)anthracene	2 U	0.37 U	3.8 U
Dibenzofuran	2 U	0.37 U	3.8 U
Diethyl phthalate	2 U	0.37 U	3.8 U
Dimethyl phthalate	2 U	0.37 U	3.8 U
Fluoranthene	4.1	1.1	10
Fluorene	2 U	0.37 U	3.8 U
Hexachlorobenzene	2 U	0.37 U	3.8 U
Hexachlorobutadiene	2 U	0.37 U	3.8 U
Hexachlorocyclopentadiene	2 U	0.37 U	3.8 U

NOTES: NC - no applicable criteria, --- - not analyzed, J or B - estimated value, E - outside instrument linear range, D - diluted analysis, N - tentatively identified, R - unusable, use data from alternate analysis.
* - carcinogenic PAH.

Table 2.1 - Construction chronology

**Soil Excavation Interim Remedial Measures
Rome Sentinel Parcel
Rome, New York**

Activity	Date
IRM activities begin (3 composite soil samples collected to pre-characterize soil).	November 17, 1998
IRM excavation initiated. Surface soil removed from area surrounding soil boring SB-11.	May 3, 1999
Construction road surface completed. Initiated soil excavation from area surrounding soil borings SB-6 and SB-7.	May 6, 1999
Soil excavated from area surrounding soil boring SB-2.	May 7, 1999
Additional pre-characterization sample collected to extend the disposal permit limit from 750 tons to 1,500 tons.	May 12, 1999
Additional excavating begins at the sides of both initial excavations surrounding SB-2 and SB-6 and SB-7 based on results of verification sampling.	May 18, 1999
Another pre-characterization sample collected to increase permit limit to 2,250 tons.	May 20, 1999
Excavation around SB-2 extended further west, and to the north.	May 27, 1999
Excavation to the north of of SB-2 completed.	May 28, 1999
Excavation continues to the west of SB-2.	June 4, 1999
Excavation completed to the west along Woodrow Ave completing the IRM excavations.	June 7, 1999
Top soil graded on site.	June 9, 1999

Table 2.2 - Final Verification Sampling Summary

Soil Excavation Interim Remedial Measures
Rome Sentinel Parcel
Rome, New York

Sample Number	Clean-up Objective	M1657 SB-6/7-E	M1658 SB-6/7-W	M1781 SB-2-E	M2480 SB-6/7-N-2	M2662 SB-6/7-S-2	M2479 SB-2-S-2	M3295 SB-2-W-3	M3409 SB-2-N-3	M3934 Woodrow W
Volatile organic compounds (VOCs)										
Methylene chloride *	< 1	< 0.022	< 0.012	0.08	0.049	0.014	0.015	0.0097	< 0.032	0.01
trans-1,2-Dichloroethene	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	< 0.0035
cis-1,2-Dichloroethene	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	< 0.0035
Tetrachloroethene *	< 1	< 0.011	0.043	< 0.0028	< 0.0029	< 0.0029	0.0041	0.43	< 0.016	0.0074
1,3,5-Trimethylbenzene	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	< 0.0035
1,2,4-Trimethylbenzene	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	< 0.0035
p-Isopropyltoluene	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	< 0.0035
Naphthalene	< 1	< 0.011	< 0.0058	< 0.0028	NR	< 0.0029	NR	< 0.0031	< 0.016	< 0.0035
Benzene *	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	0.0062
Trichloroethene	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	< 0.0035
Toluene	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	< 0.0035
Isopropylbenzene	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	< 0.0035
Xylene (total)	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	< 0.0035
Styrene	< 1	< 0.011	< 0.0058	< 0.0028	< 0.0029	< 0.0029	< 0.0032	< 0.0031	< 0.016	< 0.0035
Total VOCs	< 10	ND	0.043	0.08	0.049	0.014	0.0191	0.4397	ND	0.0236
Non-carcinogenic polynuclear aromatic hydrocarbons (PAHs)										
Phenanthrene	***	< 1.5	< 0.077	< 3.8	2.6	1.5	< 0.43	6.5	9.7	0.91
Anthracene	***	< 1.5	< 0.077	< 3.8	< 0.76	0.61	< 0.43	< 4.1	< 8.5	< 0.47
Fluoranthene	***	< 1.5	< 0.077	< 3.8	2.8	4.1	< 0.43	12	19	1
Pyrene	***	< 1.5	1.8	< 3.8	5.8	6.2	0.71	15	24	2.8
Benzo (g,h,i) perylene	***	< 1.5	< 0.077	6.4	1.3	1.8	< 0.43	4.3	9.5	0.93
Naphthalene	***	< 1.5	< 0.077	< 3.8	< 0.76	< 0.39	< 0.43	< 4.1	< 8.5	< 0.47
Acenaphthylene	***	< 1.5	< 0.077	< 3.8	< 0.76	< 0.39	< 0.43	< 4.1	< 8.5	< 0.47
Acenaphthene	***	< 1.5	< 0.077	< 3.8	< 0.76	< 0.39	< 0.43	< 4.1	< 8.5	< 0.47
Fluorene	***	< 1.5	< 0.077	< 3.8	< 0.76	< 0.39	< 0.43	< 4.1	< 8.5	< 0.47
Total non-carcinogenic PAHs	< 500	ND	1.8	6.4	12.5	14.21	0.71	37.8	62.2	5.64
Carcinogenic polynuclear aromatic hydrocarbons (PAHs)										
Benzo (a) anthracene	***	< 1.5	< 0.077	< 3.8	1.9	3	< 0.43	8	14	1
Chrysene	***	< 1.5	< 0.077	< 3.8	2.1	3.4	< 0.43	8.7	16	1.1
Benzo (b) fluoranthene	***	< 1.5	0.77	10	2.4	4	0.44	9.2	20	1.1
Benzo (k) fluoranthene	***	< 1.5	< 0.077	< 3.8	0.96	1.3	< 0.43	< 4.1	9.1	< 0.47
Benzo (a) pyrene	***	< 1.5	< 0.077	12	1.9	2.9	< 0.43	7.4	16	0.92
Dibenz (a,h) anthracene	***	< 1.5	< 0.077	< 3.8	< 0.76	0.51	< 0.43	< 4.1	< 8.5	< 0.47
Indeno (1,2,3-cd) pyrene	***	< 1.5	< 0.077	4.2	1	1.5	< 0.43	< 4.1	9.4	0.78
Total carcinogenic PAHs	< 10	ND	0.77	26.2	10.26	16.61	0.44	33.3	84.5	4.9
Other detected semivolatile organic compounds										
bis (2-Ethylhexyl) phthalate		< 1.5	< 0.077	< 3.8	2.1	< 0.39	< 0.43	< 4.1	< 8.5	< 0.47

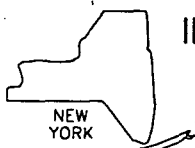
Notes:

1. All values presented in mg/kg (dry weight)
2. Only volatile organic compounds detected in one or more of the listed samples are identified. No other VOCs were detected.
3. Values shown that are shown bold are above the interim clean-up objective.
4. NR indicates that the compound was not reported.

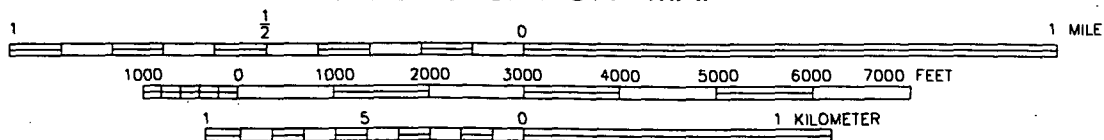
FIGURES.



ROME SENTINAL PARCEL ROME, NEW YORK INTERIM REMEDIAL MEASURE SUMMARY REPORT



SITE LOCATION MAP

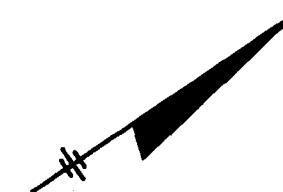


SCALE: 1:24000



O'BRIEN & GERE
ENGINEERS, INC.

FIGURE 7



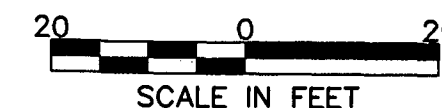
LEGEND

- 432 — CURRENT ELEVATION CONTOUR
- ◆ MONITORING WELL LOCATION
- ▲ SB-11 SOIL BORING LOCATION
- (1.42) DEPTH OF COVER (IN FEET)
- [---] SURFACE SOIL REMOVAL AREA
- [|||||] SUB-SURFACE EXCAVATIONS
- 4.90 PPM TOTAL CONCENTROGENIC PAH'S AT EXCAVATION WALL (BASED ON COMPOSITE OF THREE SAMPLES SHOWN)

**ROME SENTINEL PARCEL
ROME, NEW YORK**

**INTERIM REMEDIAL MEASURE
SUMMARY REPORT**

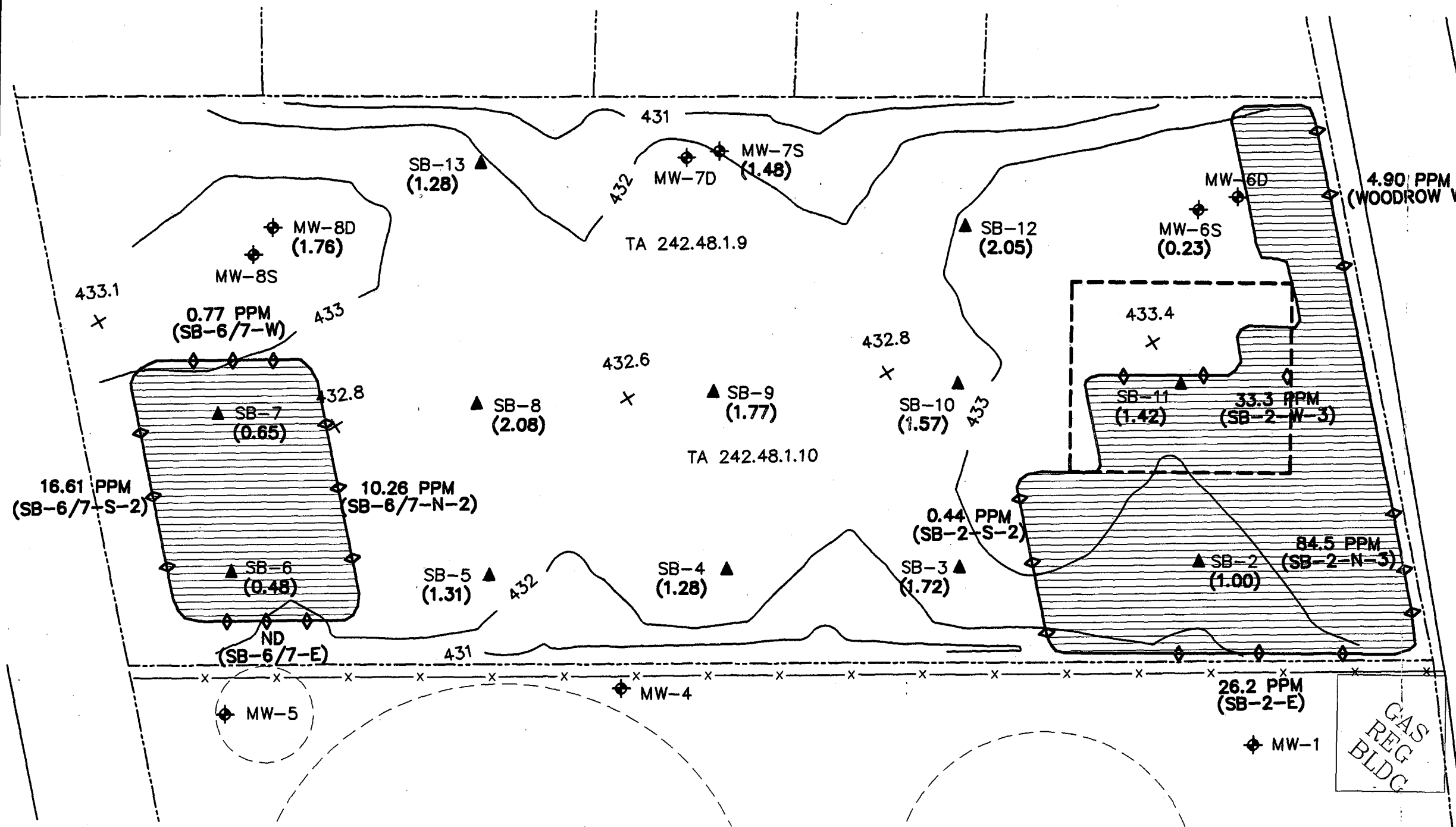
**POST-CONSTRUCTION
TOPOGRAPHY
& FINAL LIMITS**



DATE: OCTOBER 1999
FILE NO. 1118.080.016

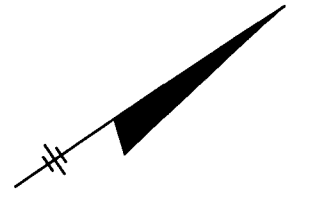


REV DATE: 10/21/99



MWH I:\DIV71\PROJECTS\1118080\DWG\71\013-F6.DWG SF:1 (20)

FIGURE 6

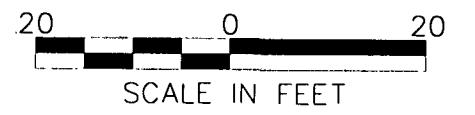


LEGEND

- 432 — CURRENT ELEVATION CONTOUR
- ⊕ MONITORING WELL LOCATION
- ▲ SOIL BORING LOCATION
- SB-11 432.48 FORMER GROUND ELEVATION
- [---] SURFACE SOIL REMOVAL AREA
- [Hatched] PHASE 1 EXCAVATION
- [Hatched] PHASE 2 EXCAVATION
- [Hatched] PHASE 3 EXCAVATION
- [Hatched] PHASE 4 EXCAVATION
- [Hatched] PHASE 5 EXCAVATION

ROME SENTINEL PARCEL
ROME, NEW YORK
INTERIM REMEDIAL MEASURE
SUMMARY REPORT

LIMITS OF IRM
EXCAVATION



DATE: OCTOBER 1999
FILE NO. 1118.080.013



REV DATE: 10/21/99

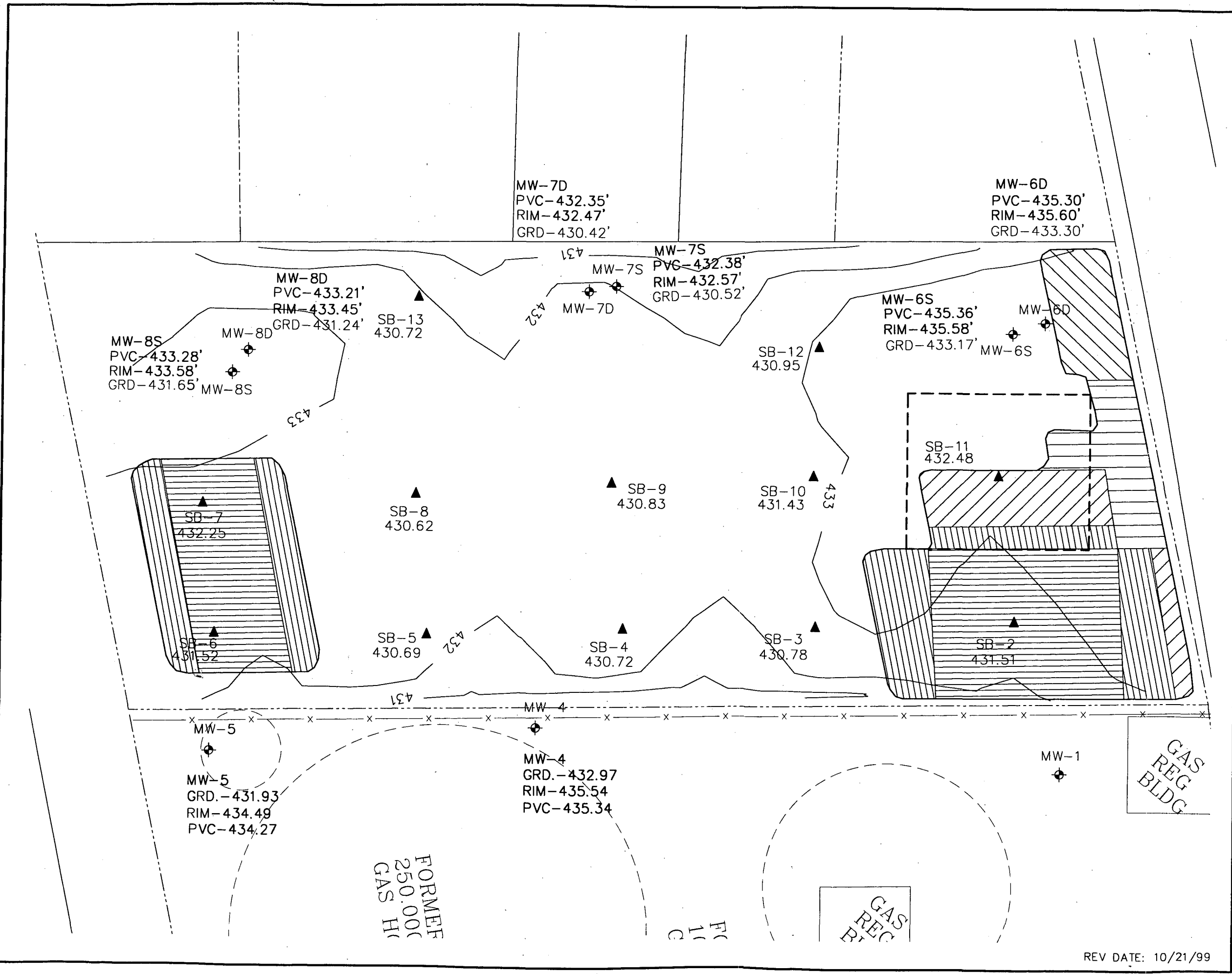
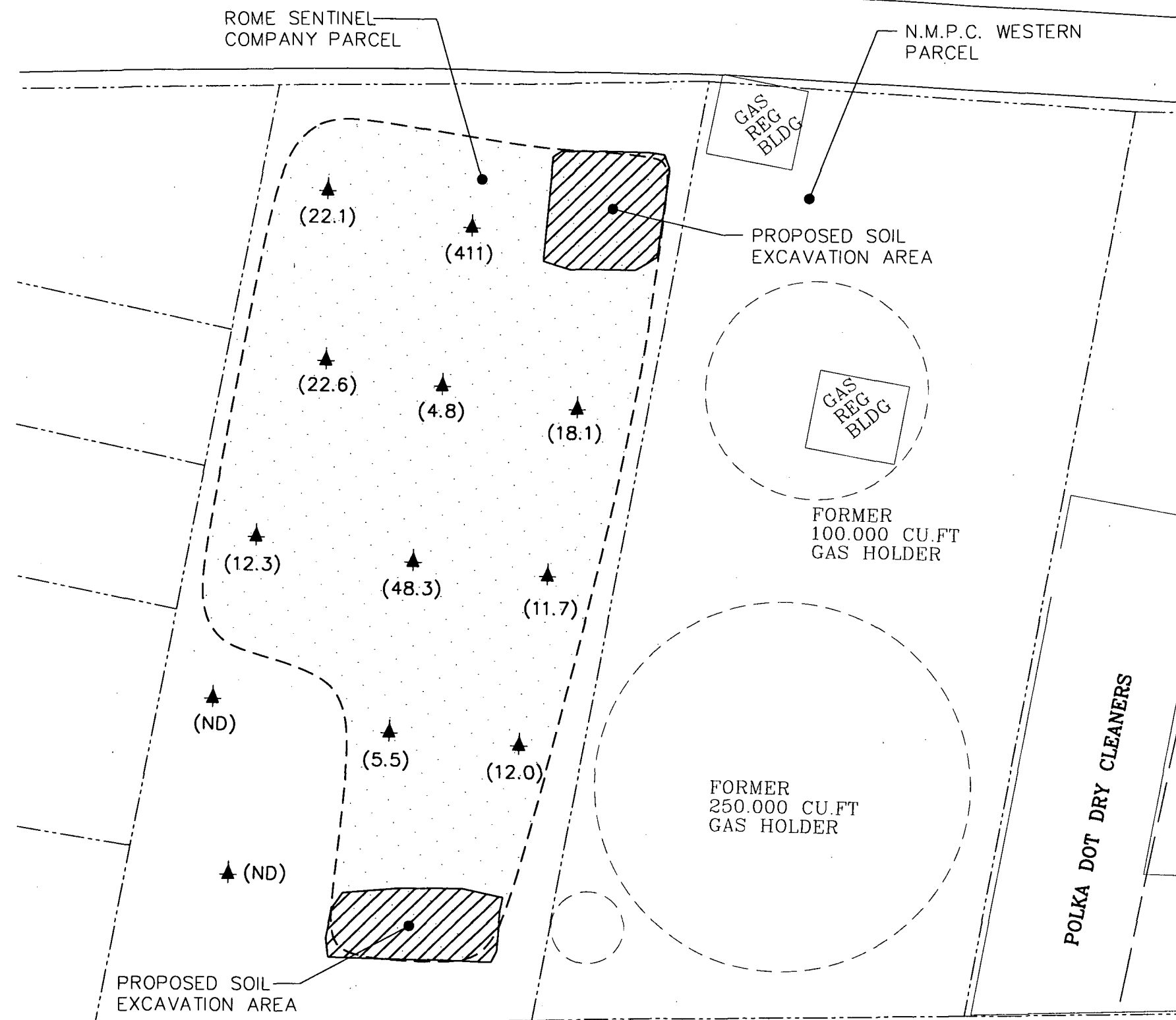


FIGURE 5

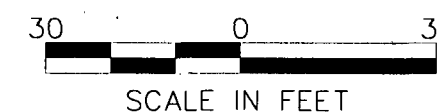


LEGEND

- ▲ SURFACE SOIL SAMPLE LOCATION
- (18.1) TOTAL CARCINOGENIC PAHs (mg/kg)
- PROPOSED SURFACE SOIL EXCAVATION (SCRAPE) AREA (0 to 6" bgs)

ROME SENTINEL PARCEL
ROME, NEW YORK
INTERIM REMEDIAL MEASURE
SUMMARY REPORT

**SURFACE SOIL
SAMPLING SUMMARY**



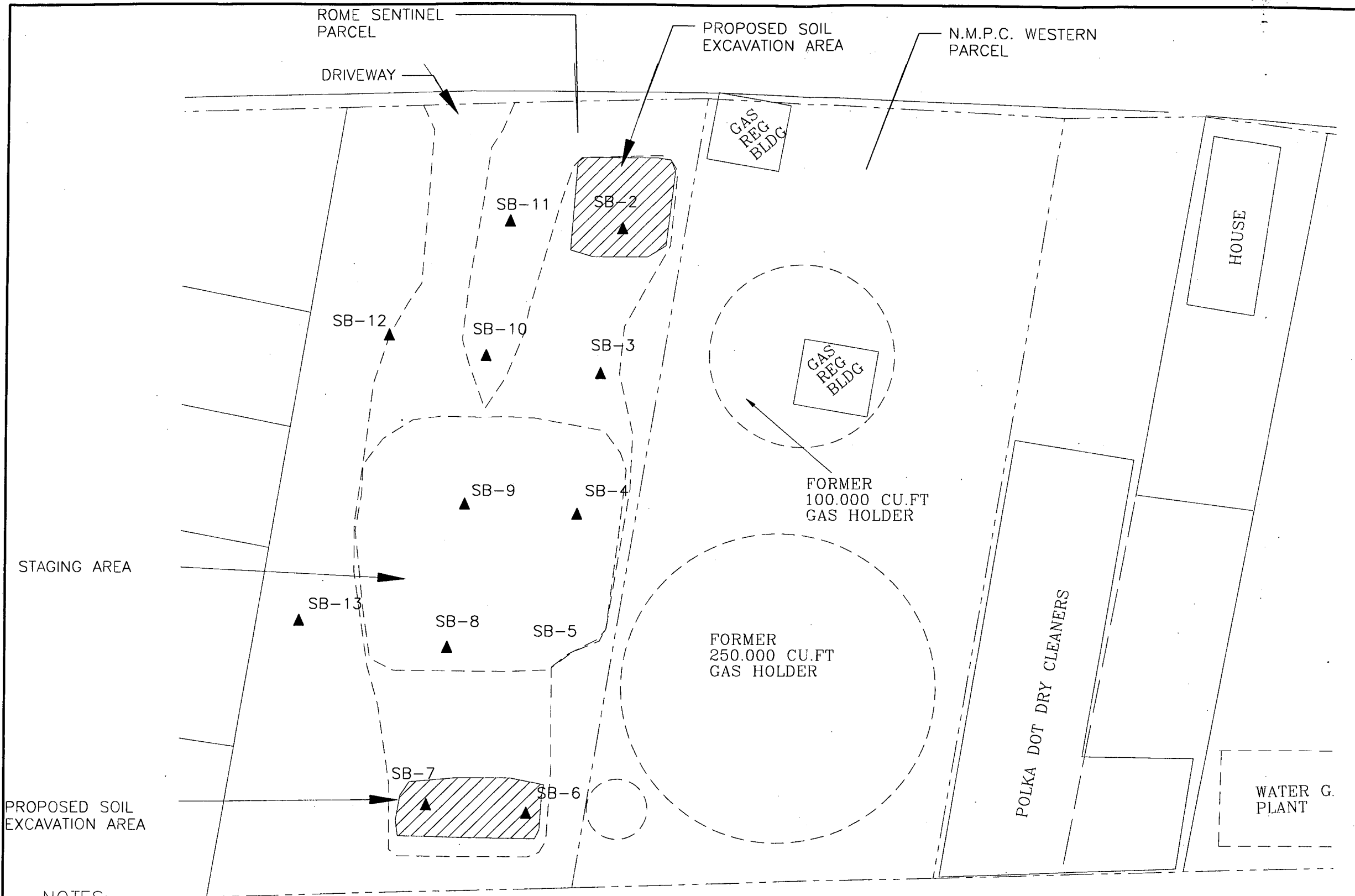
DATE: OCTOBER 1999
FILE NO. 1118.080.015



FIGURE NOTES:

1. MAP ENTITLED MADISON ST. HOLDER STA. BY CENTRAL NEW YORK POWER CORP. DATED 9/9/41, DWG #22495.
2. THIS MAP IS BASED ON FIELD SURVEY DATED 12/13/95.
3. LOCATIONS OF FORMER STRUCTURES ARE APPROXIMATE.

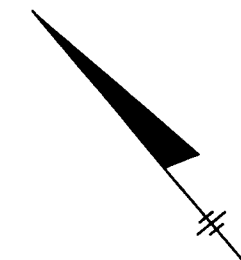
REV DATE: 10/21/99



NOTES:

1. MAP ENTITLED MADISON ST. HOLDER STA. BY CENTRAL CENTRAL NEW YORK POWER CORP. DATED 9/9/41, DWG # 22495.
2. THIS MAP IS BASED ON FIELD SURVEY DATED 12/13/95.
3. LOCATIONS OF FORMER STRUCTURES ARE APPROXIMATE.
4. EXCAVATION TO BE BACKFILLED WITH TYPE E MATERIAL.

FIGURE 4



LEGEND

▲ SOIL BORING LOCATION

ROME SENTINEL PARCEL
ROME, NEW YORK

INTERIM REMEDIAL MEASURE
SUMMARY REPORT

**AREAS OF PROPOSED
EXCAVATIONS**

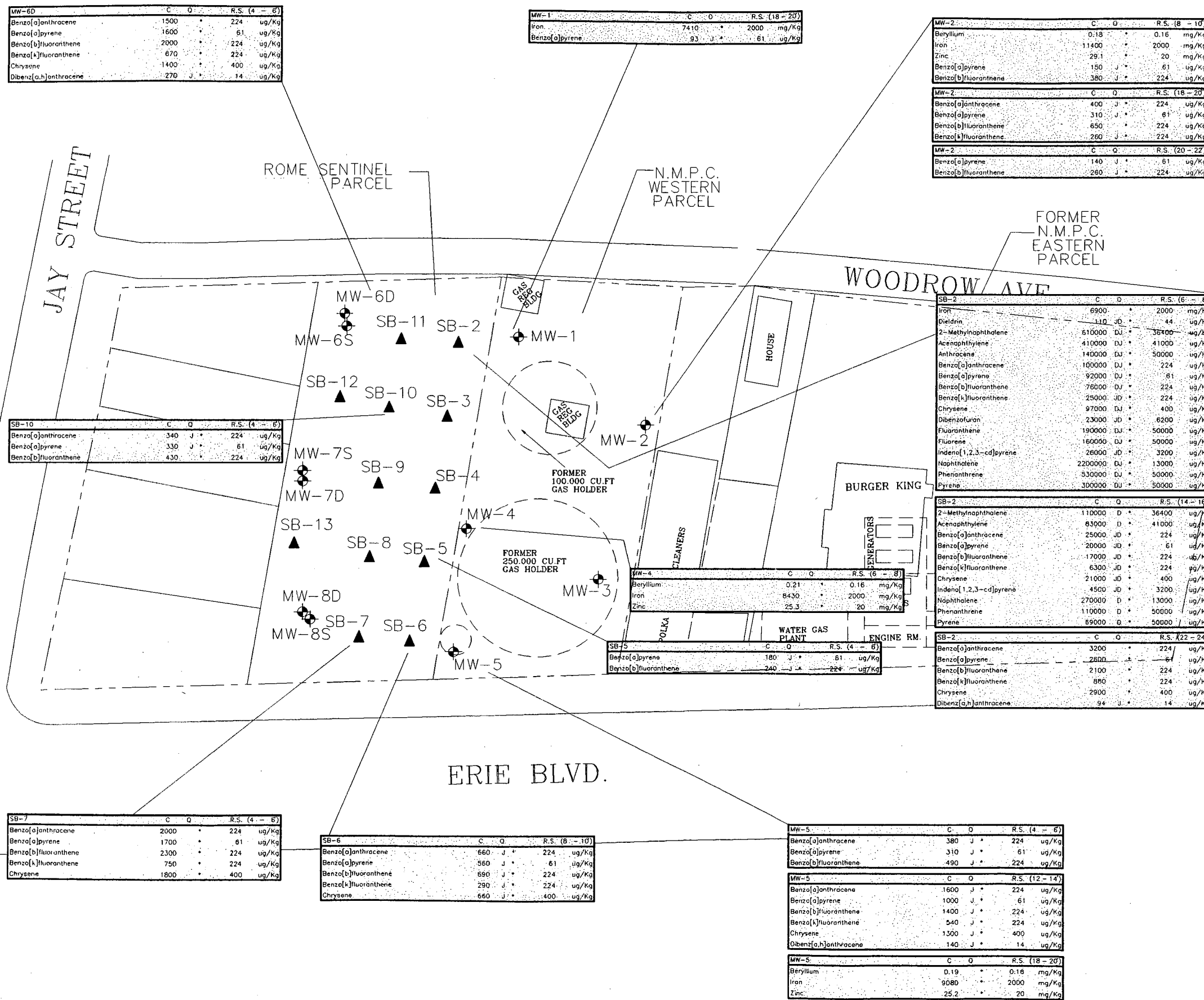


FILE NUM. 1118.080.012
OCTOBER 1999



REV. DATE: 10/21/99

FIGURE 3



LEGEND

▲ SOIL BORING LOCATION
 SAMPLE DEPTH INTERVAL
 GUIDANCE VALUES
 QUALIFIER
 CONCENTRATION

NOTE:
 NO EXCEEDANCE RELATIVE TO TAGM 4046, IF NO CONCENTRATION SHOWN.

ROME SENTINEL PARCEL
 ROME, NEW YORK

INTERIM REMEDIAL MEASURE
 SUMMARY REPORT

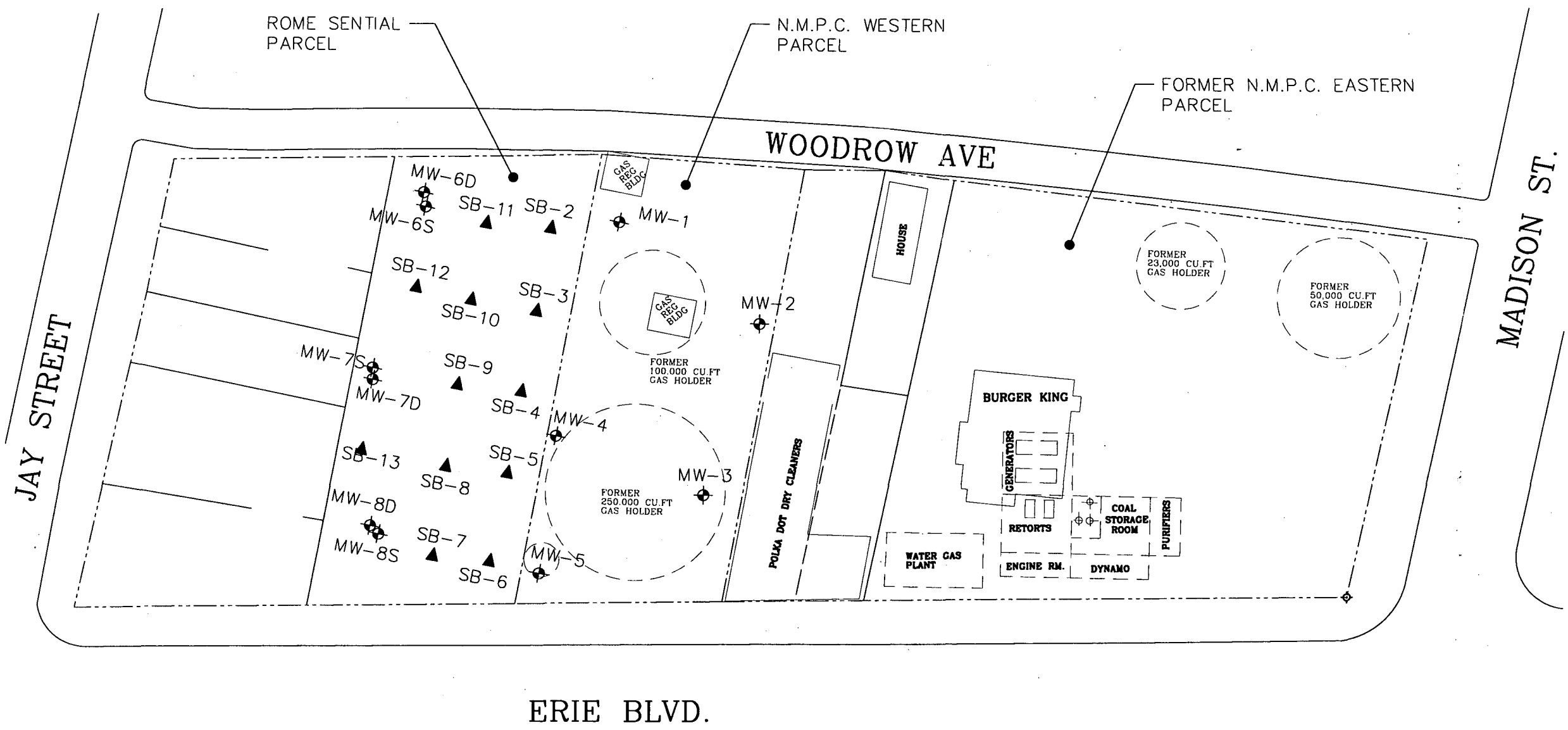
PRE-CONSTRUCTION
 SUBSURFACE
 SOILS DATA



FILE NO. 1118.080.005
 OCTOBER 1999

MWH I:\DIV71\PROJECTS\1118080\DWG\71\014-F2.DWG SF: 1 (20) (DMEW 35)

FIGURE 2

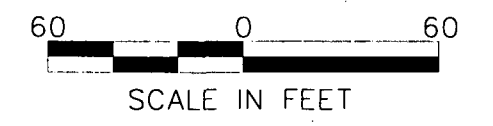


LEGEND

- MONITORING WELL LOCATION
- SOIL BORING LOCATION

ROME SENTINEL PARCEL
ROME, NEW YORK
INTERIM REMEDIAL MEASURE
SUMMARY REPORT

PRE-CONSTRUCTION
SOIL BORING AND
MONITORING WELL
LOCATION PLAN



DATE: OCTOBER 1999
FILE NO. 1118.080.014



FIGURE NOTES:

1. MAP ENTITLED MADISON ST. HOLDER STA. BY CENTRAL NEW YORK POWER CORP. DATED 9/9/41, DWG #22495.
2. THIS MAP IS BASED ON FIELD SURVEY DATED 12/13/95.
3. LOCATIONS OF FORMER STRUCTURES ARE APPROXIMATE.

REV DATE: 10/21/99

Appendix A

Waste characterization - soils



Environmental Laboratories, Inc.

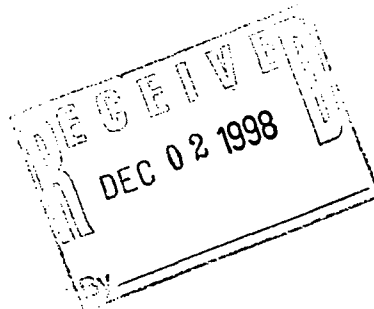
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040-0418
Tel. (860) 645-1102 Fax (860) 645-0823

November 30, 1998

ESMI of NY
304 Towpath Road
Fort Edward NY 12828

Attention: Mr. Phil Theriault

Sample ID#: AB99299 To AB99302



This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

John M. Schreiber
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 416, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

November 30, 1998

FOR: Attn: Mr. Phil Theriault
ESMI of NY
304 Towpath Road
Fort Edward, NY 12828

Sample Information

Matrix: SOLID
Location Code: ESMI-NY
Project Code: RUSH#
P.O.#:

Custody Information

Collected by: ER
Received by: SW
Analyzed by: see below

Date Time

11/17/98 13:15
11/18/98 10:30

Laboratory Data

South East Near SBL

Client ID

NIAGARA MOHAWK POWER #1 SE

Phoenix I.D. AB99299

Parameter

Result

MDL

Units

Date by Reference

TCLP Mercury	BDL	0.001	mg/L	11/19/98	RS	E1311/E245.1
Benzene <i>Benzene</i>	BDL	5.0	ug/Kg	11/18/98	KCA	SW8021
TCLP Silver	BDL	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Arsenic	BDL	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Barium	1.02	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Cadmium	BDL	0.005	mg/L	11/19/98	EK	E1311/SW6010
TCLP Chromium	BDL	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Lead	0.087	0.015	mg/L	11/19/98	EK	E1311/SW6010
TCLP Selenium	BDL	0.02	mg/L	11/19/98	EK	E1311/SW6010
Total Sulfur	0.053	0.01	%	11/25/98	OL	ASTM D129
Sonication Ext. For PCB	Completed			11/18/98	D/C	SW846-3550
Sonic Ext. for Semi-Vol	Completed			11/17/98	DK	SW846-3550
Extraction of TPH MOD 8100 SM	Completed			11/19/98	DK	3550/5030
TCLP Digestion Mercury	Completed			11/19/98	TC	E1311/7470
TCLP Extraction Metals	Completed			11/19/98	TC	EPA 1311
Tot.Org.Halogens	BDL	5.0	mg/Kg	11/19/98	CL	SW9020B
Total Cyanide	1.46	0.20	mg/Kg	11/18/98	PJ	SW9010

Polychlorinated Biphenyls

B-1016	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1221	ND	80	ug/Kg	11/20/98	AM	SW 8082

Parameter	Result	MDL	Units	Date	by	Reference
PCB-1232	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1242	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1248	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1254	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1260	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1262	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1268	ND	80	ug/Kg	11/20/98	AM	SW 8082

TPH by GC (Extractable Products)

Aviation Fuel / Kerosene	ND	10	mg/kg	11/20/98	PS	8100Modified
Fuel Oil #4	ND	10	mg/kg	11/20/98	PS	8100Modified
Fuel Oil #6	ND	10	mg/kg	11/20/98	PS	8100Modified
Fuel Oil#2 / Diesel Fuel	ND	10	mg/kg	11/20/98	PS	8100Modified
Motor Oil	ND	10	mg/kg	11/20/98	PS	8100Modified
Other Oil (Cutting & Lubricating)	ND	10	mg/kg	11/20/98	PS	8100Modified
Unidentified	530	10	mg/kg	11/20/98	PS	8100Modified

Semivolatiles

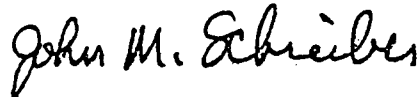
2-Methylnaphthalene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Acenaphthene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Acenaphthylene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Anthracene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(a)anthracene	1600	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(a)pyrene	1400	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(b)fluoranthene	1200	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(g,h,i)perylene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(k)fluoranthene	1600	330	ug/kg	11/20/98	JMS	SW 8270
Chrysene	1500	330	ug/kg	11/20/98	JMS	SW 8270
Di-n-butylphthalate	ND	330	ug/kg	11/20/98	JMS	SW 8270
Dibenz(a,h)anthracene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Fluoranthene	2000	330	ug/kg	11/20/98	JMS	SW 8270
Fluorene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Hexachlorobenzene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Indeno(1,2,3-c,d)pyrene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Naphthalene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Nitrobenzene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Phenanthrene	1200	330	ug/kg	11/20/98	JMS	SW 8270
Pyrene	1700	330	ug/kg	11/20/98	JMS	SW 8270

Comments:

ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

hydrocarbon chromatogram did not match any of the named analytes;
the sample was quantitated with a standard of similar boiling range (fuel #6).

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



John M. Schreiber, Laboratory Director
November 30, 1998



Environmental Laboratories, Inc.

557 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 646-1102 Fax (860) 646-0323

Analysis Report

November 30, 1998

FOR: Attn: Mr. Phil Theriault
ESMI of NY
304 Towpath Road
Fort Edward, NY 12828

Sample Information

Matrix: SOLID
Location Code: ESMI-NY
Project Code: RUSH#
P.O.#:

Custody Information

Collected by: ER
Received by: SW
Analyzed by: see below

Date

11/17/98
11/18/98

Time

13:45
10:30

Laboratory Data

Southwest Near SB7

Client ID

NIAGARA MOHAWK POWER #2 SW

Phoenix LD AB99300

Parameter

Result

MDL

Units

Date by

Reference

TCLP Mercury	BDL	0.001	mg/L	11/19/98	RS	E1311/E245.1
<i>Benzene</i> Benzene	BDL	5.0	ug/Kg	11/18/98	KCA	SW8021
TCLP Silver	BDL	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Arsenic	0.07	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Barium	0.90	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Cadmium	BDL	0.005	mg/L	11/19/98	EK	E1311/SW6010
TCLP Chromium	BDL	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Lead	BDL	0.015	mg/L	11/19/98	EK	E1311/SW6010
TCLP Selenium	0.04	0.02	mg/L	11/19/98	EK	E1311/SW6010
Total Sulfur	0.12	0.01	%	11/25/98	OL	ASTM D129
Sonication Ext. For PCB	Completed			11/18/98	D/C	SW846-3550
Sonic Ext. for Semi-Vol	Completed			11/17/98	DK	SW846-3550
Extraction of TPH MOD 8100 SM	Completed			11/19/98	DK	3550/5030
TCLP Digestion Mercury	Completed			11/19/98	TC	E1311/7470
TCLP Extraction Metals	Completed			11/19/98	TC	EPA 1311
Tot. Org. Halogens	BDL	5.0	mg/Kg	11/19/98	CL	SW9020B
Total Cyanide	BDL	0.20	mg/Kg	11/18/98	PJ	SW9010

Polychlorinated Biphenyls

TCB-1016	ND	80	ug/Kg	11/20/98	AM	SW 8082
TCB-1221	ND	80	ug/Kg	11/20/98	AM	SW 8082

Parameter	Result	MDL	Units	Date	by	Reference
CB-1232	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1242	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1248	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1254	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1260	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1262	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1268	ND	80	ug/Kg	11/20/98	AM	SW 8082

TPH by GC (Extractable Products)

Aviation Fuel / Kerosene	ND	10	mg/kg	11/20/98	PS	8100Modified
Fuel Oil #4	ND	10	mg/kg	11/20/98	PS	8100Modified
Fuel Oil #6	ND	10	mg/kg	11/20/98	PS	8100Modified
Fuel Oil#2 / Diesel Fuel	ND	10	mg/kg	11/20/98	PS	8100Modified
Motor Oil	ND	10	mg/kg	11/20/98	PS	8100Modified
Other Oil (Cutting & Lubricating)	ND	10	mg/kg	11/20/98	PS	8100Modified
Unidentified	1000	10	mg/kg	11/20/98	PS	8100Modified

Semivolatiles

2-Methylnaphthalene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Acenaphthene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Acenaphthylene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Anthracene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(a)anthracene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(a)pyrene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(b)fluoranthene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(g,h,i)perylene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(k)fluoranthene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Chrysene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Di-n-butylphthalate	ND	330	ug/kg	11/20/98	JMS	SW 8270
Dibenz(a,h)anthracene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Fluoranthene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Fluorene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Hexachlorobenzene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Indeno(1,2,3-c,d)pyrene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Naphthalene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Nitrobenzene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Phenanthrene	ND	330	ug/kg	11/20/98	JMS	SW 8270
rene	ND	330	ug/kg	11/20/98	JMS	SW 8270

Comments:

ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

The hydrocarbon chromatogram did not match any of the named analytes;
the sample was quantitated with a standard of similar boiling range (fuel #6).

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.


John M. Schreiber, Laboratory Director
November 30, 1998



Environmental Laboratories, Inc.

557 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0323

Analysis Report

November 30, 1998

FOR: Attn: Mr. Phil Theriault
ESMI of NY
304 Towpath Road
Fort Edward, NY 12828

Sample Information

Matrix: SOLID
Location Code: ESMI-NY
Project Code: RUSH#
P.O.#:

Custody Information

Collected by: ER
Received by: SW
Analyzed by: see below

Date

11/17/98
11/18/98

Time

14:25
10:30

Laboratory Data

Northeast Near SB2

Client ID

NIAGARA MOHAWK POWER #3 NE

Phoenix LD AB99301

Parameter

Result

MDL

Units

Date by

Reference

TCLP Mercury	BDL	0.001	mg/L	11/19/98	RS	E1311/E245.1
Benzene	BDL	5.0	ug/Kg	11/18/98	KCA	SW8021
TCLP Silver	BDL	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Arsenic	0.03	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Barium	0.97	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Cadmium	BDL	0.005	mg/L	11/19/98	EK	E1311/SW6010
TCLP Chromium	BDL	0.01	mg/L	11/19/98	EK	E1311/SW6010
TCLP Lead	BDL	0.015	mg/L	11/19/98	EK	E1311/SW6010
TCLP Selenium	0.04	0.02	mg/L	11/19/98	EK	E1311/SW6010
Total Sulfur	0.008	0.01	%	11/25/98	OL	ASTM D129
Sonication Ext. For PCB	Completed			11/18/98	D/C	SW846-3550
Sonic Ext. for Semi-Vol	Completed			11/17/98	DK	SW846-3550
Extraction of TPH MOD 8100 SM	Completed			11/19/98	DK	3550/5030
TCLP Digestion Mercury	Completed			11/19/98	TC	E1311/7470
TCLP Extraction Metals	Completed			11/19/98	TC	EPA 1311
Tot.Org.Halogens	BDL	5.0	mg/Kg	11/19/98	CL	SW9020B
Total Cyanide	BDL	0.20	mg/Kg	11/18/98	PJ	SW9010

Polychlorinated Biphenyls

PCB-1016	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1221	ND	80	ug/Kg	11/20/98	AM	SW 8082

Parameter	Result	MDL	Units	Date	by	Reference
DB-1232	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1242	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1248	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1254	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1260	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1262	ND	80	ug/Kg	11/20/98	AM	SW 8082
PCB-1268	ND	80	ug/Kg	11/20/98	AM	SW 8082
<u>TPH by GC (Extractable Products)</u>						
Aviation Fuel / Kerosene	ND	10	mg/kg	11/20/98	PS	8100Modified
Fuel Oil #4	ND	10	mg/kg	11/20/98	PS	8100Modified
Fuel Oil #6	ND	10	mg/kg	11/20/98	PS	8100Modified
Fuel Oil#2 / Diesel Fuel	ND	10	mg/kg	11/20/98	PS	8100Modified
Motor Oil	ND	10	mg/kg	11/20/98	PS	8100Modified
Other Oil (Cutting & Lubricating)	ND	10	mg/kg	11/20/98	PS	8100Modified
Unidentified	1300	10	mg/kg	11/20/98	PS	8100Modified
<u>Semivolatiles</u>						
2-Methylnaphthalene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Acenaphthene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Acenaphthylene	1200	330	ug/kg	11/20/98	JMS	SW 8270
Anthracene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(a)anthracene	1300	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(a)pyrene	6000	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(b)fluoranthene	5400	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(g,h,i)perylene	2300	330	ug/kg	11/20/98	JMS	SW 8270
Benzo(k)fluoranthene	3700	330	ug/kg	11/20/98	JMS	SW 8270
Chrysene	2200	330	ug/kg	11/20/98	JMS	SW 8270
Di-n-butylphthalate	ND	330	ug/kg	11/20/98	JMS	SW 8270
Dibenz(a,h)anthracene	670	330	ug/kg	11/20/98	JMS	SW 8270
Fluoranthene	1100	330	ug/kg	11/20/98	JMS	SW 8270
Fluorene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Hexachlorobenzene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Indeno(1,2,3-c,d)pyrene	1600	330	ug/kg	11/20/98	JMS	SW 8270
Naphthalene	800	330	ug/kg	11/20/98	JMS	SW 8270
Nitrobenzene	ND	330	ug/kg	11/20/98	JMS	SW 8270
Phenanthrene	990	330	ug/kg	11/20/98	JMS	SW 8270
rene	2100	330	ug/kg	11/20/98	JMS	SW 8270

Comments:

ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

The hydrocarbon chromatogram did not match any of the named analytes;
the sample was quantitated with a standard of similar boiling range (fuel #6).

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.

John M. Schreiber

John M. Schreiber, Laboratory Director

November 30, 1998



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QC Report

AB99302

November 30, 1998

Sample ID AB99302

Analysis: AA Metals Analysis QC

AB99302

QC Source: ERA 9976 NY 8711 12	Blank	QC Check	QC Spike	QC Sample
	PPM	(% Rec.)	(% Rec.)	Replicate
Analyte				(% change)
AS Arsenic	<0.005	99	113	NC
Hg Mercury	<0.005	111	88	NC
Pb Lead	<0.005	98	122	NC
Sb Antimony	<0.005	100	94	NC
Se Selenium	<0.005	95	96	NC
Tl Thallium	<0.005	105	101	NC
Ag Silver	<0.05	100	75	0.0
Au Gold	<0.05	100	100	NC
Cu Copper	<0.05	93	103	4.7
Ni Nickel	<0.05	104	116	2.8
Na Sodium	<0.10	108	94	4.2
Cd Cadmium	<0.001	104	105	NC
Al Aluminum	<0.005	98	89	5.9
Zn Zinc	<0.05	100	100	0.0
Cr Chromium	<0.005	99	107	0.4

Analysis: ICP Metals Analysis QC

AB99302

QC Source: ERA 9978 NYSDOH9311 ICP0998	Blank	QC Check	QC Spike	QC Sample
		Sample	Sample	Replicate
Analyte		(% Rec.)	(% Rec.)	(% change)
Ag Silver	<0.01	98	91	NC
As Arsenic	<0.05	99	93	NC
Ba Barium	<0.01	99	106	0.0
Cd Cadmium	<0.01	99	100	NC
Cr Chromium	<0.01	100	100	NC
Pb Lead	<0.01	99	99	NC
Se Selenium	<0.05	96	79	NC

Analysis: PCB QC

AB99302

Analyte	Method Blank (ppb)	Matrix Spike (% Rec)	Matrix Spike Dup. (% Rec)	RPD
PCB-1016	ND			
PCB-1221	ND			
PCB-1232	ND			
PCB-1242	ND			
PCB-1248	ND			
PCB-1254	ND			
PCB-1260	ND	101.5%	100%	1.5%

Analysis: Semivolatile (MS) Analysis QC

AB99302

Semivolatile Analyte	Matrix Spike (%Rec)	Spike Dup. (%Rec)	% Diff. (% D)
4-Chloro-3-methylphenol	28	24	13
2-Chlorophenol	34	34	2
1,4-Dichlorobenzene	34	33	2
2,4-Dinitrotoluene	47	40	16
Phenol	33	35	4
Pyrene	47	42	13
1,2,4- Trichlorobenzene	36	35	3

No target analytes were detected to the stated detection limits in the applicable method blanks with the following exceptions:

NONE

Analysis: Total Cyanide Analysis QC

AB99302

QC BLANK:<0.010	UNITS:MG/L
QC CHECK SAMPLE % RECOVERY: 97.1	QC SOURCE: ERA# 432
QC SAMPLE SPIKE % RECOVERY: 88.5	SPIKED SAMPLE: AB99015
QC SAMPLE REPLICATE % CHANGE:N/C	REPLICATED SAMPLE:AB99015

Analysis: Total Org Halogens Analysis QC

AB99302

QC BLANK: XXX	UNITS: mg/L
QC CHECK SAMPLE % RECOVERY: 96%	QC SOURCE: IN HOUSE
QC SAMPLE SPIKE % RECOVERY: 88%	SPIKED SAMPLE: AB99315
QC SAMPLE REPLICATE % CHANGE: N/C	REPLICATED SAMPLE:AB99315

Analysis: Volatile (GC) Analysis QC

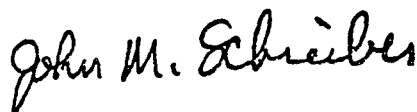
AB99302

VOA Compound	Spike % Rec	Dup Spike % Rec	%RPD
1,1-Dichloroethylene	86%	83%	3%
Trichloroethylene	88%	90%	2%
Chlorobenzene	92%	87%	3%
Benzene	92%	86%	6%
Toluene	96%	89%	7%

Analytes were not detected in the applicable method blanks above the stated detection limits with the following exceptions:

(NONE)

If there are any questions regarding this data, please call Phoenix Client Services at extention 200.



John M. Schreiber
Laboratory Director

Office: Syracuse

Address: 5000 Brittonfield Pkwy.

Phone: (315) 437-6100

CHAIN OF CUSTODY

Invoice to
O'Brien & Gere per Ed Rahn 11/18/98

CLIENT: Niagara Mohawk Power			COLLECTED BY: Edwin B. Rahn			
LOCATION: Rome, NY - Sentinel Site			(Signature) <i>Edwin B. Rahn</i>			
SAMPLE DESCRIPTION	Date	Time	Sample Matrix ¹	Sample Type ²	No. of Containers	ANALYSIS REQUESTED
Sample #1 SE	11/17/98	1315	SOIL	Comp.	2	} TPH (M8100); Total Benzene; TOX; PCB's; TCLP-8 Metals; SVOCs; Total Cyanide; % Sulfur.
Sample #2 SW	11/17/98	1345	SOIL	Comp.	2	
Sample #3 NE	11/17/98	1425	SOIL	Comp.	2	
DOC						
						(See Attached
						ESM1 Lab
						Requirements)

3 Day TAT per Andy

¹ Matrix = water, wastewater, air, sludge, sediment, etc.

² Type = grab, composite

Relinquished by: <u>Edwin O'Brien</u>	Date	Time	Received by: <u>Shannon White</u>	Date	Time
of: <u>O'Brien & Gere Engineers</u>	<u>11/17/98</u>	<u>1700</u>	of: <u>Phoenix Env. Labs</u>	<u>11/18/98</u>	<u>10:30</u>
Relinquished by: _____	Date	Time	Received by: _____	Date	Time
of: _____			of: _____		
Relinquished by: _____	Date	Time	Received by: _____	Date	Time
of: _____			of: _____		
Use this space if shipped via courier (e.g., Fed Ex)	Date	Time	Courier Name: _____	Date	Time
Relinquished by: _____					
of: _____			*Attach delivery/courier receipt to Chain of Custody		
Relinquished by: _____	Date	Time	Received by: _____	Date	Time
of: _____			of: _____		

djb/wpC

Rec'd Cad - Report + Invoice to Phil

September 17, 1990



File
1118.080 #4

Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040-0418
Tel. (860) 645-1102 Fax (860) 645-0823

May 19, 1999

O'Brien & Gere Technical Serv
5000 Brittonfield Parkway
Syracuse NY 13057

Attention: Mr Tee Tong-Ngork

Sample ID#: AC19879 & AC19880

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

John M. Schreiber
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007



Environmental Laboratories, Inc.
587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 19, 1999

FOR: Attn: Mr. Mark Sydorowych
O'Brien & Gere Technical Serv.
5000 Brittonfield Parkway
Syracuse, NY 13057

Sample Information

Matrix: SOLID
Location Code: OBRIEN
Project Code: RUSH#
P.O.#:

Custody Information

Collected by: ER
Received by: SW
Analyzed by: see below

Date

05/12/99
05/13/99

Time

8:05
11:50

Laboratory Data

Client ID: ROME, NY-SENTINEL SITE #4 NE

Phoenix LD. AC19879

Parameter

Result

MDL

Units

Date by

Reference

TCLP Mercury	BDL	0.001	mg/L	05/14/99	RS	E1311/E245.1
TCLP Silver	BDL	0.01	mg/L	05/17/99	EK	E1311/SW6010
TCLP Arsenic	BDL	0.01	mg/L	05/17/99	EK	E1311/SW6010
TCLP Barium	1.10	0.01	mg/L	05/17/99	EK	E1311/SW6010
TCLP Cadmium	BDL	0.005	mg/L	05/17/99	EK	E1311/SW6010
TCLP Chromium	BDL	0.01	mg/L	05/17/99	EK	E1311/SW6010
TCLP Lead	0.020	0.015	mg/L	05/17/99	EK	E1311/SW6010
TCLP Selenium	BDL	0.02	mg/L	05/17/99	EK	E1311/SW6010
Sulfur	0.05	0.01	%	05/18/99	OL	SW846/6010
Total Organic Halogens	ND	25.0	mg/kg	05/18/99	OL	SW9020
Ionization Ext. For PCB	Completed			05/13/99	T/C	SW846-3550
Extraction of TPH MOD 8100 SM	Completed			05/13/99	JT	3550/5030
TCLP Digestion Mercury	Completed			05/14/99	TR	E1311/7470
TCLP Extraction Metals	Completed			05/14/99	T/T	EPA 1311
Total Cyanide	0.56	0.24	mg/Kg	05/13/99	PJ	SW9010

Polychlorinated Biphenyls

PCB-1016	ND	800	ug/Kg	05/14/99	AM	SW 8082
PCB-1221	ND	800	ug/Kg	05/14/99	AM	SW 8082
PCB-1232	ND	800	ug/Kg	05/14/99	AM	SW 8082
PCB-1242	ND	800	ug/Kg	05/14/99	AM	SW 8082

Client ID: ROME, NY-SENTINEL SITE #4 NE

Phoenix I.D. AC19879

Parameter	Result	MDL	Units	Date	by	Reference
PCB-1248	ND	800	ug/Kg	05/14/99	AM	SW 8082
PCB-1254	ND	800	ug/Kg	05/14/99	AM	SW 8082
PCB-1260	ND	800	ug/Kg	05/14/99	AM	SW 8082
PCB-1262	ND	800	ug/Kg	05/14/99	AM	SW 8082
PCB-1268	ND	800	ug/Kg	05/14/99	AM	SW 8082

TPH by GC (Extractable Products)

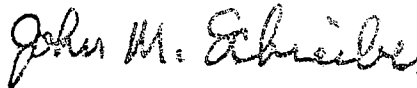
Aviation Fuel / Kerosene	ND	10	mg/kg	05/14/99	AM	8100Modified
Fuel Oil #4	ND	10	mg/kg	05/14/99	AM	8100Modified
Fuel Oil #6	ND	10	mg/kg	05/14/99	AM	8100Modified
Fuel Oil#2 / Diesel Fuel	ND	10	mg/kg	05/14/99	AM	8100Modified
Motor Oil	ND	10	mg/kg	05/14/99	AM	8100Modified
Other Oil (Cutting & Lubricating)	ND	10	mg/kg	05/14/99	AM	8100Modified
Unidentified	110	10	mg/kg	05/14/99	AM	8100Modified

Comments:

ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

The hydrocarbon chromatogram did not match any of the named analytes,
the sample was quantitated with a standard of similar boiling range (motor oil).

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



John M. Schreiber, Laboratory Director
May 19, 1999



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QC Report

ACI9880

May 19, 1999

Sample ID ACI9880

Analysis: AA Metals Analysis QC

ACI9880

QC Source: ERA 9982 NY 8712	Blank	QC Check	QC Spike	QC Sample
	PPM	(% Rec.)	(% Rec.)	Replicate
Analyte				(% change)
AS Arsenic	<0.005	102	96	1.1
Hg Mercury	<0.005	100	120	NC
Pb Lead	<0.005	93	109	NC
Sb Antimony	<0.005	100	94	NC
Se Selenium	<0.005	106	97	0.9
Tl Thallium	<0.005	105	101	NC
Ag Silver	<0.05	100	75	0.0
Au Gold	<0.05	100	100	NC
Cu Copper	<0.05	93	103	4.7
Ni Nickel	<0.05	104	116	2.8
Na Sodium	<0.10	108	94	4.2
Cd Cadmium	<0.001	104	105	NC
Al Aluminum	<0.005	98	89	5.9
Zn Zinc	<0.05	100	100	0.0
Cr Chromium	<0.005	99	107	0.4

Analysis: ICP Metals Analysis QC

ACI9880

QC Source: ERA 9982 MIN 66758 TP79473	Blank	QC Check	QC Spike	QC Sample
		Sample	Sample	Replicate
Analyte		(% Rec.)	(% Rec.)	(% change)
Ag Silver	<0.01	104	111	NC
As Arsenic	<0.05	94	104	NC
Ba Barium	<0.01	100	89	0.1
Cd Cadmium	<0.01	96	92	NC
Cr Chromium	<0.01	98	94	NC
Pb Lead	<0.01	95	84	NC
Se Selenium	<0.05	92	70	NC

Analysis: PCB QC

AC19880

Analyte	Method Blank (ppb)	Matrix Spike (% Rec)	Matrix Spike Dup. (% Rec)	RPD
PCB-1016	ND			
PCB-1221	ND			
PCB-1232	ND			
PCB-1242	ND			
PCB-1248	ND			
PCB-1254	ND			
PCB-1260	ND	102%	92.8%	9.2%

Analysis: Total Cyanide Analysis QC

AC19880

QC BLANK:<0.010

UNITS:MG/L

QC CHECK SAMPLE % RECOVERY: 97.7

QC SOURCE:ULTRA#75520

QC SAMPLE SPIKE % RECOVERY: 84.0

SPIKED SAMPLE: AC19862

QC SAMPLE REPLICATE % CHANGE:N/C

REPLICATED SAMPLE:AC19862

If there are any questions regarding this data, please call Phoenix Client Services at extention 200.

John M. Schreiber

John M. Schreiber
Laboratory Director

Office: Syracuse
Address: 5000 Brittonfield Pkwy
Phone: (315) 437-6100

CHAIN OF CUSTODY

[illegible]

Fax Results To Phil Theriault at ESMI.

¹ Matrix = water, wastewater, air, sludge, sediment, etc.

² Type = grab, composite

Relinquished by: <u>Edwin B. Kahn</u>	Date	Time	Received by: <u>Shannon White</u>	Date	Time
of: <u>O'Brien & Gere Engineers</u>	<u>5/12/99</u>	<u>1700</u>	of: <u>Phoenix</u>	<u>5/13/99</u>	<u>11:50</u>
Relinquished by: _____	Date	Time	Received by: _____	Date	Time
of: _____			of: _____		
Relinquished by: _____	Date	Time	Received by: _____	Date	Time
of: _____			of: _____		
Use this space if shipped via courier (e.g., Fed Ex) Relinquished by: _____	Date	Time	Courier Name: _____	Date	Time
of: _____			_____		
			*Attach delivery/courier receipt to Chain of Custody		
Relinquished by: _____	Date	Time	Received by: _____	Date	Time
of: _____			of: _____		



File: 1118.080 #4

Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040-0418
Tel. (860) 645-1102 Fax (860) 645-0823

May 27, 1999

O'Brien & Gere Technical Serv
5000 Brittonfield Parkway
Syracuse NY 13057

Attention: Mr. Mark Sydorowych

Sample ID#: AC20732-33

This laboratory is in compliance with the QA/QC procedure outlined in EPA 600/4-79-019, Handbook for Analytical Quality in Water and Waste Water, March 1979, and SW846 QA/QC requirements of procedures used.

If you have any questions concerning this testing, please do not hesitate to contact Phoenix Client Services at ext. 200.

Sincerely yours,

John M. Schreiber
Laboratory Director

CT Lab Registration #PH-0618
MA Lab Registration #CT-007
NY Lab Registration #11301
RI Lab Registration #63
NH Lab Registration #213693-A,B
ME Lab Registration #CT-007



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

Analysis Report

May 27, 1999

FOR: Attn: Mr. Mark Sydorowych
O'Brien & Gere Technical Serv.
5000 Brittonfield Parkway
Syracuse, NY 13057

Sample Information

Matrix: SOLID
Location Code: OBRIEN
Project Code: RUSH#
P.O.#:

Custody Information

Collected by: ER
Received by: SW
Analyzed by: see below

Date Time

05/20/99 15:10
05/21/99 10:45

Laboratory Data

Client ID: NIAGARA MOHAWK POWER SAMPLE 5N

Phoenix I.D. AC20732

Parameter	Result	MDL	Units	Date	by	Reference
TCLP Mercury	BDL	0.001	mg/L	05/25/99	RS	E1311/E245.1
TCLP Silver	BDL	0.01	mg/L	05/24/99	EK	E1311/SW6010
TCLP Arsenic	BDL	0.01	mg/L	05/24/99	EK	E1311/SW6010
TCLP Barium	1.29	0.01	mg/L	05/24/99	EK	E1311/SW6010
TCLP Cadmium	BDL	0.005	mg/L	05/24/99	EK	E1311/SW6010
TCLP Chromium	BDL	0.01	mg/L	05/24/99	EK	E1311/SW6010
TCLP Lead	0.047	0.015	mg/L	05/24/99	EK	E1311/SW6010
TCLP Selenium	BDL	0.02	mg/L	05/24/99	EK	E1311/SW6010
Total Sulfur	0.08	0.01	%	05/26/99	OL	ASTM D129
Total Organic Halogens	ND	25.0	mg/kg	05/26/99	OL	SW9020
Sonication Ext. For PCB	Completed			05/21/99	JT	SW846-3550
Extraction of TPH MOD 8100 SM	Completed			05/21/99	JT	3550/5030
TCLP Digestion Mercury	Completed			05/25/99	TR	E1311/7470
TCLP Extraction Metals	Completed			05/21/99	PL	EPA 1311
Total Cyanide	1.52	0.20	mg/Kg	05/24/99	PJ	SW9010

Polychlorinated Biphenyls

PCB-1016	ND	800	ug/Kg	05/24/99	AM	SW 8082
PCB-1221	ND	800	ug/Kg	05/24/99	AM	SW 8082
PCB-1232	ND	800	ug/Kg	05/24/99	AM	SW 8082
PCB-1242	ND	800	ug/Kg	05/24/99	AM	SW 8082

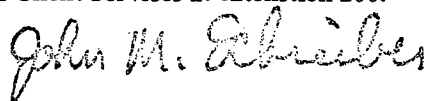
Parameter	Result	MDL	Units	Date	by	Reference
PCB-1248	ND	800	ug/Kg	05/24/99	AM	SW 8082
PCB-1254	ND	800	ug/Kg	05/24/99	AM	SW 8082
PCB-1260	ND	800	ug/Kg	05/24/99	AM	SW 8082
PCB-1262	ND	800	ug/Kg	05/24/99	AM	SW 8082
PCB-1268	ND	800	ug/Kg	05/24/99	AM	SW 8082
TPH by GC (Extractable Products)						
Aviation Fuel / Kerosene	ND	10	mg/kg	05/24/99	AM	8100Modified
Fuel Oil #4	ND	10	mg/kg	05/24/99	AM	8100Modified
Fuel Oil #6	ND	10	mg/kg	05/24/99	AM	8100Modified
Fuel Oil#2 / Diesel Fuel	ND	10	mg/kg	05/24/99	AM	8100Modified
Motor Oil	ND	10	mg/kg	05/24/99	AM	8100Modified
Other Oil (Cutting & Lubricating)	ND	10	mg/kg	05/24/99	AM	8100Modified
Unidentified	290	10	mg/kg	05/24/99	AM	8100Modified

Comments:

ND=Not detected MDL = Minimum Detectable Limit BDL = Below Detection Limit

The hydrocarbon chromatogram did not match any of the named analytes,
the sample was quantitated with a standard of similar boiling range motor oil).

If there are any questions regarding this data, please call Phoenix Client Services at extension 200.



John M. Schreiber, Laboratory Director
May 27, 1999



Environmental Laboratories, Inc.

587 East Middle Turnpike, P.O. Box 418, Manchester, CT 06040
Tel. (860) 645-1102 Fax (860) 645-0823

QC Report

AC20733

May 27, 1999

Sample ID AC20733

Analysis: AA Metals Analysis QC

AC20733

QC Source: ERA 9982	QC Check	QC Spike	QC Sample
NY 8712	Blank		Replicate
	PPM	(% Rec.)	(% change)
Analyte			
AS Arsenic	<0.005	106	NC
Hg Mercury	<0.005	103	NC
Pb Lead	<0.005	98	NC
Sb Antimony	<0.005	100	NC
Se Selenium	<0.005	105	NC
Tl Thallium	<0.005	105	NC
Ag Silver	<0.05	100	0.0
Au Gold	<0.05	100	NC
Cu Copper	<0.05	93	4.7
Ni Nickel	<0.05	104	116
Na Sodium	<0.10	108	94
Cd Cadmium	<0.001	104	105
Al Aluminum	<0.005	98	89
Zn Zinc	<0.05	100	100
Cr Chromium	<0.005	99	107

Analysis: ICP Metals Analysis QC

AC20733

QC Source: ERA 9982		QC Check	QC Spike	QC Sample
MIN66758	Blank	Sample	Sample	Replicate
ICP0499		(% Rec.)	(% Rec.)	(% change)
Analyte				

Ag Silver	<0.01	98	106	NC
As Arsenic	<0.05	99	97	1.4
Ba Barium	<0.01	98	94	1.7
Cd Cadmium	<0.01	99	98	0.4
Cr Chromium	<0.01	100	98	1.3
Pb Lead	<0.01	100	91	2.3
Se Selenium	<0.05	99	88	NC

Analysis: PCB QC

AC20733

Analyte	Method Blank (ppb)	Matrix Spike (% Rec)	Matrix Spike Dup. (% Rec)	RPD
PCB-1016	ND			
PCB-1221	ND			
PCB-1232	ND			
PCB-1242	ND			
PCB-1248	ND			
PCB-1254	ND			
PCB-1260	ND	115%	113%	1.8%

Analysis: Total Cyanide Analysis QC

AC20733

QC BLANK:<0.010	UNITS:MG/L
QC CHECK SAMPLE % RECOVERY: 93.3	QC SOURCE:ULTRA#75504
QC SAMPLE SPIKE % RECOVERY: 90.0	SPIKED SAMPLE: AC20607
QC SAMPLE REPLICATE % CHANGE:N/C	REPLICATED SAMPLE:AC20628

If there are any questions regarding this data, please call Phoenix Client Services at extention 200.

John M. Schreiber

John M. Schreiber
Laboratory Director

Office: Syracuse
Address: 5000 Britton Field Pkwy
Phone: (315) 437-6100

CHAIN OF CUSTODY

[illegible]

Rush

Fax Results To Phil Theriault at ESMI

¹ Matrix = water, wastewater, air, sludge, sediment, etc.

² Type = grab, composite

Relinquished by: <u>Edwin O'Brien</u>	Date	Time	Received by: <u>Shan White</u>	Date	Time
of: <u>O'Brien & Gere Engineers</u>	<u>5/20/99</u>	<u>1630</u>	of: <u>Phoenix</u>	<u>5/21/99</u>	<u>1045</u>
Relinquished by: _____	Date	Time	Received by: _____	Date	Time
of: _____			of: _____		
Relinquished by: _____	Date	Time	Received by: _____	Date	Time
of: _____			of: _____		
Use this space if shipped via courier (e.g., Fed Ex)	Date	Time	Courier Name: _____	Date	Time
Relinquished by: _____			_____		
of: _____			*Attach delivery/courier receipt to Chain of Custody		
Relinquished by: _____	Date	Time	Received by: _____	Date	Time
of: _____			of: _____		

Appendix B

Verification sampling laboratory reports

**Interim Remedial Measures - Soil Excavation
Rome Sentinel Property
Rome, New York**

Verification Sample Index

Sample No.	Sample Description	Date Collected
M1656	SB-6,7-N	5/6/99
M1657	SB-6,7-E	5/6/99
M1658	SB-6,7-W	5/6/99
M1659	SB-6,7-S	5/6/99
M1781	SB-2-E	5/7/99
M1782	SB-2-S	5/7/99
M1782DL	SB-2-S (Note 1)	5/7/99
M1783	SB-2-W	5/7/99
M1784	SB-2-N	5/7/99
M1784DL	SB-2-N (Note 1)	5/7/99
M2479	SB-2-S-2	5/18/99
M2480	SB-6/7-N-2	5/18/99
M2481	SB-2-W-2	5/18/99
M2481DL	SB-2-W-2 (Notes 1 and 2)	5/18/99
M2482	SB-2-N-2	5/18/99
M2482DL	SB-2-N-2 (Note 1)	5/18/99
M2662	SB-6/7-S-2	5/20/99
M2662DL	SB-6/7-S-2 (Note 1)	5/20/99
M3295	SB-2-W-3	5/27/99
M3295DL	SB-2-W-3 (Note 2)	5/27/99
M3409	SB-2-N-3	5/28/99
M3934	Woodrow W	6/7/99

Notes:

1. Duplicate semivolatile organic compound analysis by USEPA method 8270.
2. Duplicate volatile organic compound analysis by USEPA method 8260.

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1656
Samp. Description: SB-6,7-N
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/07/99
Matrix: Solid
QC Batch: 050799S1
% Solids: 81.9
Sample size: 5 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Dichlorodifluoromethane	<6.1	1	05/07/99
Chloromethane	<6.1	1	05/07/99
Vinyl chloride	<6.1	1	05/07/99
Bromomethane	<6.1	1	05/07/99
Chloroethane	<6.1	1	05/07/99
Trichlorofluoromethane	<6.1	1	05/07/99
1,1-Dichloroethene	<3.1	1	05/07/99
Methylene chloride	41.	1	05/07/99
trans-1,2-Dichloroethene	<3.1	1	05/07/99
1,1-Dichloroethane	<3.1	1	05/07/99
cis-1,2-Dichloroethene	<3.1	1	05/07/99
Bromochloromethane	<3.1	1	05/07/99
Chloroform	<3.1	1	05/07/99
2,2-Dichloropropane	<3.1	1	05/07/99
1,2-Dichloroethane	<3.1	1	05/07/99
1,1,1-Trichloroethane	<3.1	1	05/07/99
1,1-Dichloropropene	<3.1	1	05/07/99
Carbon tetrachloride	<3.1	1	05/07/99
Benzene	<3.1	1	05/07/99
Dibromomethane	<3.1	1	05/07/99
1,2-Dichloropropane	<3.1	1	05/07/99
Trichloroethene	<3.1	1	05/07/99
Bromodichloromethane	<3.1	1	05/07/99
cis-1,3-Dichloropropene	<3.1	1	05/07/99
trans-1,3-Dichloropropene	<3.1	1	05/07/99
1,1,2-Trichloroethane	<3.1	1	05/07/99
Toluene	<3.1	1	05/07/99
1,3-Dichloropropane	<3.1	1	05/07/99
Dibromochloromethane	<3.1	1	05/07/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 11, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1656
Samp. Description: SB-6,7-N
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/07/99
Matrix: Solid
QC Batch: 050799S1
%Solids: 81.9
Sample size: 5 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<3.1		1	05/07/99	
Tetrachloroethene	<3.1		1	05/07/99	
1,1,1,2-Tetrachloroethane	<3.1		1	05/07/99	
Chlorobenzene	<3.1		1	05/07/99	
Ethylbenzene	<3.1		1	05/07/99	
Bromoform	<3.1		1	05/07/99	
Xylene (total)	<3.1		1	05/07/99	
Styrene	<3.1		1	05/07/99	
1,1,2,2-Tetrachloroethane	<3.1		1	05/07/99	
1,2,3-Trichloropropane	<3.1		1	05/07/99	
Isopropylbenzene	<3.1		1	05/07/99	
Bromobenzene	<3.1		1	05/07/99	
n-Propylbenzene	<3.1		1	05/07/99	
2-Chlorotoluene	<3.1		1	05/07/99	
4-Chlorotoluene	<3.1		1	05/07/99	
1,3,5-Trimethylbenzene	<3.1		1	05/07/99	
tert-Butylbenzene	<3.1		1	05/07/99	
n-Butylbenzene	<3.1		1	05/07/99	
1,2,4-Trimethylbenzene	<3.1		1	05/07/99	
sec-Butylbenzene	<3.1		1	05/07/99	
1,3-Dichlorobenzene	<3.1		1	05/07/99	
1,4-Dichlorobenzene	<3.1		1	05/07/99	
p-Isopropyltoluene	<3.1		1	05/07/99	
1,2-Dichlorobenzene	<3.1		1	05/07/99	
1,2-Dibromo-3-chloropropane	<3.1		1	05/07/99	
1,2,4-Trichlorobenzene	<3.1		1	05/07/99	
Naphthalene	<3.1		1	05/07/99	
Hexachlorobutadiene	<3.1		1	05/07/99	
1,2,3-Trichlorobenzene	<3.1		1	05/07/99	
Dibromofluoromethane (surrogate)	103.%	70-129	1	05/07/99	
1,2-Dichloroethane-d4 (surrogate)	99.%	70-121	1	05/07/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 11, 1999
Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1656
Samp. Description: SB-6,7-N
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99 Matrix: Solid
Received: 05/06/99 QC Batch: 050799S1
Prepared: 05/07/99 %Solids: 81.9
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	93.%	70-124	1	05/07/99	
Bromofluorobenzene (surrogate)	70.%	# 72-130	1	05/07/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 11, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1656
Samp. Description: SB-6,7-N
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 81.9
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis(2-Chloroethyl) ether	<2000.	5	05/11/99
Phenol	<2000.	5	05/11/99
2-Chlorophenol	<2000.	5	05/11/99
1,3-Dichlorobenzene	<2000.	5	05/11/99
1,4-Dichlorobenzene	<2000.	5	05/11/99
Benzyl alcohol	<2000.	5	05/11/99
1,2-Dichlorobenzene	<2000.	5	05/11/99
2-Methylphenol	<2000.	5	05/11/99
bis(2-Chloroisopropyl) ether	<2000.	5	05/11/99
4-Methylphenol	<2000.	5	05/11/99
N-Nitroso-di-n-propylamine	<2000.	5	05/11/99
Hexachloroethane	<2000.	5	05/11/99
Nitrobenzene	<2000.	5	05/11/99
Isophorone	<2000.	5	05/11/99
2-Nitrophenol	<2000.	5	05/11/99
2,4-Dimethylphenol	<2000.	5	05/11/99
bis(2-Chloroethoxy) methane	<2000.	5	05/11/99
Benzoic acid	<10000.	5	05/11/99
2,4-Dichlorophenol	<2000.	5	05/11/99
1,2,4-Trichlorobenzene	<2000.	5	05/11/99
Naphthalene	<2000.	5	05/11/99
4-Chloroaniline	<2000.	5	05/11/99
Hexachlorobutadiene	<2000.	5	05/11/99
4-Chloro-3-methylphenol	<2000.	5	05/11/99
2-Methylnaphthalene	<2000.	5	05/11/99
Hexachlorocyclopentadiene	<2000.	5	05/11/99
2,4,6-Trichlorophenol	<2000.	5	05/11/99
2,4,5-Trichlorophenol	<10000.	5	05/11/99
2-Chloronaphthalene	<2000.	5	05/11/99

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 17, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1656
Samp. Description: SB-6,7-N
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 81.9
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<10000.	5	05/11/99
Dimethyl phthalate	<2000.	5	05/11/99
Acenaphthylene	<2000.	5	05/11/99
2,6-Dinitrotoluene	<2000.	5	05/11/99
3-Nitroaniline	<10000.	5	05/11/99
Acenaphthene	<2000.	5	05/11/99
2,4-Dinitrophenol	<10000.	5	05/11/99
4-Nitrophenol	<10000.	5	05/11/99
Dibenzofuran	<2000.	5	05/11/99
2,4-Dinitrotoluene	<2000.	5	05/11/99
Diethyl phthalate	<2000.	5	05/11/99
Fluorene	<2000.	5	05/11/99
4-Chlorophenyl phenyl ether	<2000.	5	05/11/99
4-Nitroaniline	<10000.	5	05/11/99
4,6-Dinitro-2-methylphenol	<10000.	5	05/11/99
N-Nitrosodiphenylamine	<2000.	5	05/11/99
4-Bromophenyl phenyl ether	<2000.	5	05/11/99
Hexachlorobenzene	<2000.	5	05/11/99
Pentachlorophenol	<10000.	5	05/11/99
Phenanthrene	2300.	5	05/11/99
Anthracene	<2000.	5	05/11/99
Di-n-butyl phthalate	<2000.	5	05/11/99
Fluoranthene	4400.	5	05/11/99
Pyrene	6100.	5	05/11/99
Butyl benzyl phthalate	<2000.	5	05/11/99
3,3'-Dichlorobenzidine	<4100.	5	05/11/99
Benzo[a]anthracene	2900.	5	05/11/99
Chrysene	3000.	5	05/11/99
bis(2-Ethylhexyl)phthalate	<2000.	5	05/11/99
Di-n-octyl phthalate	<2000.	5	05/11/99
Benzo[b]fluoranthene	4000.	5	05/11/99

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 17, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1656
Samp. Description: SB-6,7-N
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99 Matrix: Solid
Received: 05/06/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 81.9
Sample Size: 30 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Benzo[k]fluoranthene	<2000.		5	05/11/99	
Benzo[a]pyrene	2800.		5	05/11/99	
Indeno[1,2,3-cd]pyrene	<2000.		5	05/11/99	
Dibenz[a,h]anthracene	<2000.		5	05/11/99	
Benzo[g,h,i]perylene	<2000.		5	05/11/99	
Aniline	<2000.		5	05/11/99	
2-Fluorophenol (surrogate)	75.%	44-119	5	05/11/99	
Phenol-d5 (surrogate)	78.%	54-120	5	05/11/99	
2,4,6-Tribromophenol (surrogate)	103.%	27-116	5	05/11/99	
Nitrobenzene-d5 (surrogate)	55.%	41-129	5	05/11/99	
2-Fluorobiphenyl (surrogate)	87.%	52-118	5	05/11/99	
Terphenyl-d14 (surrogate)	129.%	49-136	5	05/11/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 17, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1657
Samp. Description: SB-6,7-E
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/07/99

Matrix: Solid
QC Batch: 050799S1
%Solids: 22.7
Sample size: 5 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dichlorodifluoromethane	<22.		1	05/07/99	
Chloromethane	<22.		1	05/07/99	
Vinyl chloride	<22.		1	05/07/99	
Bromomethane	<22.		1	05/07/99	
Chloroethane	<22.		1	05/07/99	
Trichlorofluoromethane	<22.		1	05/07/99	
1,1-Dichloroethene	<11.		1	05/07/99	
Methylene chloride	<22.		1	05/07/99	
trans-1,2-Dichloroethene	<11.		1	05/07/99	
1,1-Dichloroethane	<11.		1	05/07/99	
cis-1,2-Dichloroethene	<11.		1	05/07/99	
Bromochloromethane	<11.		1	05/07/99	
Chloroform	<11.		1	05/07/99	
2,2-Dichloropropane	<11.		1	05/07/99	
1,2-Dichloroethane	<11.		1	05/07/99	
1,1,1-Trichloroethane	<11.		1	05/07/99	
1,1-Dichloropropene	<11.		1	05/07/99	
Carbon tetrachloride	<11.		1	05/07/99	
Benzene	<11.		1	05/07/99	
Dibromomethane	<11.		1	05/07/99	
1,2-Dichloropropane	<11.		1	05/07/99	
Trichloroethene	<11.		1	05/07/99	
Bromodichloromethane	<11.		1	05/07/99	
cis-1,3-Dichloropropene	<11.		1	05/07/99	
trans-1,3-Dichloropropene	<11.		1	05/07/99	
1,1,2-Trichloroethane	<11.		1	05/07/99	
Toluene	<11.		1	05/07/99	
1,3-Dichloropropane	<11.		1	05/07/99	
Dibromochloromethane	<11.		1	05/07/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 11, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1657
Samp. Description: SB-6,7-E
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/07/99

Matrix: Solid
QC Batch: 050799S1
% Solids: 22.7
Sample size: 5 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<11.		1	05/07/99	
Tetrachloroethene	<11.		1	05/07/99	
1,1,1,2-Tetrachloroethane	<11.		1	05/07/99	
Chlorobenzene	<11.		1	05/07/99	
Ethylbenzene	<11.		1	05/07/99	
Bromoform	<11.		1	05/07/99	
Xylene (total)	<11.		1	05/07/99	
Styrene	<11.		1	05/07/99	
1,1,2,2-Tetrachloroethane	<11.		1	05/07/99	
1,2,3-Trichloropropane	<11.		1	05/07/99	
Isopropylbenzene	<11.		1	05/07/99	
Bromobenzene	<11.		1	05/07/99	
n-Propylbenzene	<11.		1	05/07/99	
2-Chlorotoluene	<11.		1	05/07/99	
4-Chlorotoluene	<11.		1	05/07/99	
1,3,5-Trimethylbenzene	<11.		1	05/07/99	
tert-Butylbenzene	<11.		1	05/07/99	
n-Butylbenzene	<11.		1	05/07/99	
1,2,4-Trimethylbenzene	<11.		1	05/07/99	
sec-Butylbenzene	<11.		1	05/07/99	
1,3-Dichlorobenzene	<11.		1	05/07/99	
1,4-Dichlorobenzene	<11.		1	05/07/99	
p-Isopropyltoluene	<11.		1	05/07/99	
1,2-Dichlorobenzene	<11.		1	05/07/99	
1,2-Dibromo-3-chloropropane	<11.		1	05/07/99	
1,2,4-Trichlorobenzene	<11.		1	05/07/99	
Naphthalene	<11.		1	05/07/99	
Hexachlorobutadiene	<11.		1	05/07/99	
1,2,3-Trichlorobenzene	<11.		1	05/07/99	
Dibromofluoromethane (surrogate)	101.%	70-129	1	05/07/99	
1,2-Dichloroethane-d4 (surrogate)	95.%	70-121	1	05/07/99	

- Outside control limits J-Estimated value

Authorized:

Date: May 11, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1657
Samp. Description: SB-6,7-E
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99 Matrix: Solid
Received: 05/06/99 QC Batch: 050799S1
Prepared: 05/07/99 %Solids: 22.7
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	90.%	70-124	1	05/07/99	
Bromofluorobenzene (surrogate)	68.%	# 72-130	1	05/07/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 11, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1657
Samp. Description: SB-6,7-E
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 22.7
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
bis(2-Chloroethyl) ether	<1500.		1	05/11/99	
Phenol	<1500.		1	05/11/99	
2-Chlorophenol	<1500.		1	05/11/99	
1,3-Dichlorobenzene	<1500.		1	05/11/99	
1,4-Dichlorobenzene	<1500.		1	05/11/99	
Benzyl alcohol	<1500.		1	05/11/99	
1,2-Dichlorobenzene	<1500.		1	05/11/99	
2-Methylphenol	<1500.		1	05/11/99	
bis(2-Chloroisopropyl) ether	<1500.		1	05/11/99	
4-Methylphenol	<1500.		1	05/11/99	
N-Nitroso-di-n-propylamine	<1500.		1	05/11/99	
Hexachloroethane	<1500.		1	05/11/99	
Nitrobenzene	<1500.		1	05/11/99	
Isophorone	<1500.		1	05/11/99	
2-Nitrophenol	<1500.		1	05/11/99	
2,4-Dimethylphenol	<1500.		1	05/11/99	
bis(2-Chloroethoxy) methane	<1500.		1	05/11/99	
Benzoic acid	<7300.		1	05/11/99	
2,4-Dichlorophenol	<1500.		1	05/11/99	
1,2,4-Trichlorobenzene	<1500.		1	05/11/99	
Naphthalene	<1500.		1	05/11/99	
4-Chloroaniline	<1500.		1	05/11/99	
Hexachlorobutadiene	<1500.		1	05/11/99	
4-Chloro-3-methylphenol	<1500.		1	05/11/99	
2-Methylnaphthalene	<1500.		1	05/11/99	
Hexachlorocyclopentadiene	<1500.		1	05/11/99	
2,4,6-Trichlorophenol	<1500.		1	05/11/99	
2,4,5-Trichlorophenol	<7300.		1	05/11/99	
2-Chloronaphthalene	<1500.		1	05/11/99	

- Outside control limits J-Estimated value

Authorized: 
Date: May 17, 1999
Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1657
Samp. Description: SB-6,7-E
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
% Solids: 22.7
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<7300.	1	05/11/99
Dimethyl phthalate	<1500.	1	05/11/99
Acenaphthylene	<1500.	1	05/11/99
2,6-Dinitrotoluene	<1500.	1	05/11/99
3-Nitroaniline	<7300.	1	05/11/99
Acenaphthene	<1500.	1	05/11/99
2,4-Dinitrophenol	<7300.	1	05/11/99
4-Nitrophenol	<7300.	1	05/11/99
Dibenzofuran	<1500.	1	05/11/99
2,4-Dinitrotoluene	<1500.	1	05/11/99
Diethyl phthalate	<1500.	1	05/11/99
Fluorene	<1500.	1	05/11/99
4-Chlorophenyl phenyl ether	<1500.	1	05/11/99
4-Nitroaniline	<7300.	1	05/11/99
4,6-Dinitro-2-methylphenol	<7300.	1	05/11/99
N-Nitrosodiphenylamine	<1500.	1	05/11/99
4-Bromophenyl phenyl ether	<1500.	1	05/11/99
Hexachlorobenzene	<1500.	1	05/11/99
Pentachlorophenol	<7300.	1	05/11/99
Phenanthrene	<1500.	1	05/11/99
Anthracene	<1500.	1	05/11/99
Di-n-butyl phthalate	<1500.	1	05/11/99
Fluoranthene	<1500.	1	05/11/99
Pyrene	<1500.	1	05/11/99
Butyl benzyl phthalate	<1500.	1	05/11/99
3,3'-Dichlorobenzidine	<2900.	1	05/11/99
Benzo[a]anthracene	<1500.	1	05/11/99
Chrysene	<1500.	1	05/11/99
bis(2-Ethylhexyl)phthalate	<1500.	1	05/11/99
Di-n-octyl phthalate	<1500.	1	05/11/99
Benzo[b]fluoranthene	<1500.	1	05/11/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 17, 1999
Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

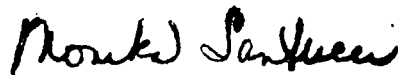
Sample: M1657
Samp. Description: SB-6,7-E
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99 Matrix: Solid
Received: 05/06/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 22.7
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k]fluoranthene	<1500.		1	05/11/99	
Benzo[a]pyrene	<1500.		1	05/11/99	
Indeno[1,2,3-cd]pyrene	<1500.		1	05/11/99	
Dibenz[a,h]anthracene	<1500.		1	05/11/99	
Benzo[g,h,i]perylene	<1500.		1	05/11/99	
Aniline	<1500.		1	05/11/99	
2-Fluorophenol (surrogate)	71.%	44-119	1	05/11/99	
Phenol-d5 (surrogate)	69.%	54-120	1	05/11/99	
2,4,6-Tribromophenol (surrogate)	88.%	27-116	1	05/11/99	
Nitrobenzene-d5 (surrogate)	50.%	41-129	1	05/11/99	
2-Fluorobiphenyl (surrogate)	76.%	52-118	1	05/11/99	
Terphenyl-d14 (surrogate)	152.%	# 49-136	1	05/11/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 
Date: May 17, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1658
Samp. Description: SB-6,7-W
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/07/99
Matrix: Solid
QC Batch: 050799S1
%Solids: 43.4
Sample size: 5 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dichlorodifluoromethane	<12.		1	05/07/99	
Chloromethane	<12.		1	05/07/99	
Vinyl chloride	<12.		1	05/07/99	
Bromomethane	<12.		1	05/07/99	
Chloroethane	<12.		1	05/07/99	
Trichlorofluoromethane	<12.		1	05/07/99	
1,1-Dichloroethene	<5.8		1	05/07/99	
Methylene chloride	<12.		1	05/07/99	
trans-1,2-Dichloroethene	<5.8		1	05/07/99	
1,1-Dichloroethane	<5.8		1	05/07/99	
cis-1,2-Dichloroethene	<5.8		1	05/07/99	
Bromochloromethane	<5.8		1	05/07/99	
Chloroform	<5.8		1	05/07/99	
2,2-Dichloropropane	<5.8		1	05/07/99	
1,2-Dichloroethane	<5.8		1	05/07/99	
1,1,1-Trichloroethane	<5.8		1	05/07/99	
1,1-Dichloropropene	<5.8		1	05/07/99	
Carbon tetrachloride	<5.8		1	05/07/99	
Benzene	<5.8		1	05/07/99	
Dibromomethane	<5.8		1	05/07/99	
1,2-Dichloropropane	<5.8		1	05/07/99	
Trichloroethene	<5.8		1	05/07/99	
Bromodichloromethane	<5.8		1	05/07/99	
cis-1,3-Dichloropropene	<5.8		1	05/07/99	
trans-1,3-Dichloropropene	<5.8		1	05/07/99	
1,1,2-Trichloroethane	<5.8		1	05/07/99	
Toluene	<5.8		1	05/07/99	
1,3-Dichloropropane	<5.8		1	05/07/99	
Dibromochloromethane	<5.8		1	05/07/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 11, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1658
Samp. Description: SB-6,7-W
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/07/99
Matrix: Solid
QC Batch: 050799S1
%Solids: 43.4
Sample size: 5 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<5.8		1	05/07/99	
Tetrachloroethene	43.		1	05/07/99	
1,1,1,2-Tetrachloroethane	<5.8		1	05/07/99	
Chlorobenzene	<5.8		1	05/07/99	
Ethylbenzene	<5.8		1	05/07/99	
Bromoform	<5.8		1	05/07/99	
Xylene (total)	<5.8		1	05/07/99	
Styrene	<5.8		1	05/07/99	
1,1,2,2-Tetrachloroethane	<5.8		1	05/07/99	
1,2,3-Trichloropropane	<5.8		1	05/07/99	
Isopropylbenzene	<5.8		1	05/07/99	
Bromobenzene	<5.8		1	05/07/99	
n-Propylbenzene	<5.8		1	05/07/99	
2-Chlorotoluene	<5.8		1	05/07/99	
4-Chlorotoluene	<5.8		1	05/07/99	
1,3,5-Trimethylbenzene	<5.8		1	05/07/99	
tert-Butylbenzene	<5.8		1	05/07/99	
n-Butylbenzene	<5.8		1	05/07/99	
1,2,4-Trimethylbenzene	<5.8		1	05/07/99	
sec-Butylbenzene	<5.8		1	05/07/99	
1,3-Dichlorobenzene	<5.8		1	05/07/99	
1,4-Dichlorobenzene	<5.8		1	05/07/99	
p-Isopropyltoluene	<5.8		1	05/07/99	
1,2-Dichlorobenzene	<5.8		1	05/07/99	
1,2-Dibromo-3-chloropropane	<5.8		1	05/07/99	
1,2,4-Trichlorobenzene	<5.8		1	05/07/99	
Naphthalene	<5.8		1	05/07/99	
Hexachlorobutadiene	<5.8		1	05/07/99	
1,2,3-Trichlorobenzene	<5.8		1	05/07/99	
Dibromofluoromethane (surrogate)	101.%	70-129	1	05/07/99	
1,2-Dichloroethane-d4 (surrogate)	96.%	70-121	1	05/07/99	

- Outside control limits J-Estimated value

Authorized:

Date: May 11, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1658
Samp. Description: SB-6,7-W
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99 Matrix: Solid
Received: 05/06/99 QC Batch: 050799S1
Prepared: 05/07/99 %Solids: 43.4
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	88.%	70-124	1	05/07/99	
Bromofluorobenzene (surrogate)	65.%	# 72-130	1	05/07/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 11, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1658
Samp. Description: SB-6,7-W
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 43.4
Sample Size: 30 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
bis(2-Chloroethyl) ether	<770.		1	05/10/99	
Phenol	<770.		1	05/10/99	
2-Chlorophenol	<770.		1	05/10/99	
1,3-Dichlorobenzene	<770.		1	05/10/99	
1,4-Dichlorobenzene	<770.		1	05/10/99	
Benzyl alcohol	<770.		1	05/10/99	
1,2-Dichlorobenzene	<770.		1	05/10/99	
2-Methylphenol	<770.		1	05/10/99	
bis(2-Chloroisopropyl) ether	<770.		1	05/10/99	
4-Methylphenol	<770.		1	05/10/99	
N-Nitroso-di-n-propylamine	<770.		1	05/10/99	
Hexachloroethane	<770.		1	05/10/99	
Nitrobenzene	<770.		1	05/10/99	
Isophorone	<770.		1	05/10/99	
2-Nitrophenol	<770.		1	05/10/99	
2,4-Dimethylphenol	<770.		1	05/10/99	
bis(2-Chloroethoxy) methane	<770.		1	05/10/99	
Benzoic acid	<3800.		1	05/10/99	
2,4-Dichlorophenol	<770.		1	05/10/99	
1,2,4-Trichlorobenzene	<770.		1	05/10/99	
Naphthalene	<770.		1	05/10/99	
4-Chloroaniline	<770.		1	05/10/99	
Hexachlorobutadiene	<770.		1	05/10/99	
4-Chloro-3-methylphenol	<770.		1	05/10/99	
2-Methylnaphthalene	<770.		1	05/10/99	
Hexachlorocyclopentadiene	<770.		1	05/10/99	
2,4,6-Trichlorophenol	<770.		1	05/10/99	
2,4,5-Trichlorophenol	<3800.		1	05/10/99	
2-Chloronaphthalene	<770.		1	05/10/99	

- Outside control limits J-Estimated value

Authorized: 
Date: May 17, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1658
Samp. Description: SB-6,7-W
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 43.4
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
2-Nitroaniline	<3800.		1	05/10/99	
Dimethyl phthalate	<770.		1	05/10/99	
Acenaphthylene	<770.		1	05/10/99	
2,6-Dinitrotoluene	<770.		1	05/10/99	
3-Nitroaniline	<3800.		1	05/10/99	
Acenaphthene	<770.		1	05/10/99	
2,4-Dinitrophenol	<3800.		1	05/10/99	
4-Nitrophenol	<3800.		1	05/10/99	
Dibenzofuran	<770.		1	05/10/99	
2,4-Dinitrotoluene	<770.		1	05/10/99	
Diethyl phthalate	<770.		1	05/10/99	
Fluorene	<770.		1	05/10/99	
4-Chlorophenyl phenyl ether	<770.		1	05/10/99	
4-Nitroaniline	<3800.		1	05/10/99	
4,6-Dinitro-2-methylphenol	<3800.		1	05/10/99	
N-Nitrosodiphenylamine	<770.		1	05/10/99	
4-Bromophenyl phenyl ether	<770.		1	05/10/99	
Hexachlorobenzene	<770.		1	05/10/99	
Pentachlorophenol	<3800.		1	05/10/99	
Phenanthrene	<770.		1	05/10/99	
Anthracene	<770.		1	05/10/99	
Di-n-butyl phthalate	<770.		1	05/10/99	
Fluoranthene	<770.		1	05/10/99	
Pyrene	1800.		1	05/10/99	
Butyl benzyl phthalate	<770.		1	05/10/99	
3,3'-Dichlorobenzidine	<1500.		1	05/10/99	
Benzo[a]anthracene	<770.		1	05/10/99	
Chrysene	<770.		1	05/10/99	
bis(2-Ethylhexyl)phthalate	<770.		1	05/10/99	
Di-n-octyl phthalate	<770.		1	05/10/99	
Benzo[b]fluoranthene	770.		1	05/10/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 17, 1999
Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

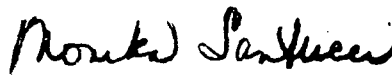
Sample: M1658
Samp. Description: SB-6,7-W
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99 Matrix: Solid
Received: 05/06/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 43.4
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k] fluoranthene	<770.		1	05/10/99	
Benzo[a]pyrene	<770.		1	05/10/99	
Indeno[1,2,3-cd]pyrene	<770.		1	05/10/99	
Dibenz[a,h]anthracene	<770.		1	05/10/99	
Benzo[g,h,i]perylene	<770.		1	05/10/99	
Aniline	<770.		1	05/10/99	
2-Fluorophenol (surrogate)	82.%	44-119	1	05/10/99	
Phenol-d5 (surrogate)	80.%	54-120	1	05/10/99	
2,4,6-Tribromophenol (surrogate)	104.%	27-116	1	05/10/99	
Nitrobenzene-d5 (surrogate)	57.%	41-129	1	05/10/99	
2-Fluorobiphenyl (surrogate)	90.%	52-118	1	05/10/99	
Terphenyl-d14 (surrogate)	188.%	# 49-136	1	05/10/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 
Date: May 17, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1659
Samp. Description: SB-6,7-S
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/07/99
Matrix: Solid
QC Batch: 050799S1
%Solids: 66.1
Sample size: 5 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dichlorodifluoromethane	<7.6		1	05/07/99	
Chloromethane	<7.6		1	05/07/99	
Vinyl chloride	<7.6		1	05/07/99	
Bromomethane	<7.6		1	05/07/99	
Chloroethane	<7.6		1	05/07/99	
Trichlorofluoromethane	<7.6		1	05/07/99	
1,1-Dichloroethene	<3.8		1	05/07/99	
Methylene chloride	110.		1	05/07/99	
trans-1,2-Dichloroethene	<3.8		1	05/07/99	
1,1-Dichloroethane	<3.8		1	05/07/99	
cis-1,2-Dichloroethene	<3.8		1	05/07/99	
Bromochloromethane	<3.8		1	05/07/99	
Chloroform	<3.8		1	05/07/99	
2,2-Dichloropropane	<3.8		1	05/07/99	
1,2-Dichloroethane	<3.8		1	05/07/99	
1,1,1-Trichloroethane	<3.8		1	05/07/99	
1,1-Dichloropropene	<3.8		1	05/07/99	
Carbon tetrachloride	<3.8		1	05/07/99	
Benzene	<3.8		1	05/07/99	
Dibromomethane	<3.8		1	05/07/99	
1,2-Dichloropropane	<3.8		1	05/07/99	
Trichloroethene	<3.8		1	05/07/99	
Bromodichloromethane	<3.8		1	05/07/99	
cis-1,3-Dichloropropene	<3.8		1	05/07/99	
trans-1,3-Dichloropropene	<3.8		1	05/07/99	
1,1,2-Trichloroethane	<3.8		1	05/07/99	
Toluene	<3.8		1	05/07/99	
1,3-Dichloropropane	<3.8		1	05/07/99	
Dibromochloromethane	<3.8		1	05/07/99	

- Outside control limits J-Estimated value

Authorized:

Date: May 11, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1659
Samp. Description: SB-6,7-S
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/07/99
Matrix: Solid
QC Batch: 050799S1
%Solids: 66.1
Sample size: 5 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<3.8		1	05/07/99	
Tetrachloroethene	6.6		1	05/07/99	
1,1,1,2-Tetrachloroethane	<3.8		1	05/07/99	
Chlorobenzene	<3.8		1	05/07/99	
Ethylbenzene	<3.8		1	05/07/99	
Bromoform	<3.8		1	05/07/99	
Xylene (total)	<3.8		1	05/07/99	
Styrene	<3.8		1	05/07/99	
1,1,2,2-Tetrachloroethane	<3.8		1	05/07/99	
1,2,3-Trichloropropane	<3.8		1	05/07/99	
Isopropylbenzene	<3.8		1	05/07/99	
Bromobenzene	<3.8		1	05/07/99	
n-Propylbenzene	<3.8		1	05/07/99	
2-Chlorotoluene	<3.8		1	05/07/99	
4-Chlorotoluene	<3.8		1	05/07/99	
1,3,5-Trimethylbenzene	<3.8		1	05/07/99	
tert-Butylbenzene	<3.8		1	05/07/99	
n-Butylbenzene	<3.8		1	05/07/99	
1,2,4-Trimethylbenzene	<3.8		1	05/07/99	
sec-Butylbenzene	<3.8		1	05/07/99	
1,3-Dichlorobenzene	<3.8		1	05/07/99	
1,4-Dichlorobenzene	<3.8		1	05/07/99	
p-Isopropyltoluene	<3.8		1	05/07/99	
1,2-Dichlorobenzene	<3.8		1	05/07/99	
1,2-Dibromo-3-chloropropane	<3.8		1	05/07/99	
1,2,4-Trichlorobenzene	<3.8		1	05/07/99	
Naphthalene	<3.8		1	05/07/99	
Hexachlorobutadiene	<3.8		1	05/07/99	
1,2,3-Trichlorobenzene	<3.8		1	05/07/99	
Dibromofluoromethane (surrogate)	103.%	70-129	1	05/07/99	
1,2-Dichloroethane-d4 (surrogate)	100.%	70-121	1	05/07/99	

- Outside control limits J-Estimated value

Authorized:

Date: May f1,1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1659
Samp. Description: SB-6,7-S
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/06/99 Matrix: Solid
Received: 05/06/99 QC Batch: 050799S1
Prepared: 05/07/99 %Solids: 66.1
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	90.%	70-124	1	05/07/99	
Bromofluorobenzene (surrogate)	63.%	# 72-130	1	05/07/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 11, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1659
Samp. Description: SB-6,7-S
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 66.1
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis(2-Chloroethyl) ether	<5000.	10	05/10/99
Phenol	<5000.	10	05/10/99
2-Chlorophenol	<5000.	10	05/10/99
1,3-Dichlorobenzene	<5000.	10	05/10/99
1,4-Dichlorobenzene	<5000.	10	05/10/99
Benzyl alcohol	<5000.	10	05/10/99
1,2-Dichlorobenzene	<5000.	10	05/10/99
2-Methylphenol	<5000.	10	05/10/99
bis(2-Chloroisopropyl) ether	<5000.	10	05/10/99
4-Methylphenol	<5000.	10	05/10/99
N-Nitroso-di-n-propylamine	<5000.	10	05/10/99
Hexachloroethane	<5000.	10	05/10/99
Nitrobenzene	<5000.	10	05/10/99
Isophorone	<5000.	10	05/10/99
2-Nitrophenol	<5000.	10	05/10/99
2,4-Dimethylphenol	<5000.	10	05/10/99
bis(2-Chloroethoxy) methane	<5000.	10	05/10/99
Benzoic acid	<25000.	10	05/10/99
2,4-Dichlorophenol	<5000.	10	05/10/99
1,2,4-Trichlorobenzene	<5000.	10	05/10/99
Naphthalene	<5000.	10	05/10/99
4-Chloroaniline	<5000.	10	05/10/99
Hexachlorobutadiene	<5000.	10	05/10/99
4-Chloro-3-methylphenol	<5000.	10	05/10/99
2-Methylnaphthalene	<5000.	10	05/10/99
Hexachlorocyclopentadiene	<5000.	10	05/10/99
2,4,6-Trichlorophenol	<5000.	10	05/10/99
2,4,5-Trichlorophenol	<25000.	10	05/10/99
2-Chloronaphthalene	<5000.	10	05/10/99

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 17, 1999
Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1659
Samp. Description: SB-6,7-S
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99
Received: 05/06/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 66.1
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<25000.	10	05/10/99
Dimethyl phthalate	<5000.	10	05/10/99
Acenaphthylene	<5000.	10	05/10/99
2,6-Dinitrotoluene	<5000.	10	05/10/99
3-Nitroaniline	<25000.	10	05/10/99
Acenaphthene	<5000.	10	05/10/99
2,4-Dinitrophenol	<25000.	10	05/10/99
4-Nitrophenol	<25000.	10	05/10/99
Dibenzofuran	<5000.	10	05/10/99
2,4-Dinitrotoluene	<5000.	10	05/10/99
Diethyl phthalate	<5000.	10	05/10/99
Fluorene	<5000.	10	05/10/99
4-Chlorophenyl phenyl ether	<5000.	10	05/10/99
4-Nitroaniline	<25000.	10	05/10/99
4,6-Dinitro-2-methylphenol	<25000.	10	05/10/99
N-Nitrosodiphenylamine	<5000.	10	05/10/99
4-Bromophenyl phenyl ether	<5000.	10	05/10/99
Hexachlorobenzene	<5000.	10	05/10/99
Pentachlorophenol	<25000.	10	05/10/99
Phenanthrene	<5000.	10	05/10/99
Anthracene	<5000.	10	05/10/99
Di-n-butyl phthalate	<5000.	10	05/10/99
Fluoranthene	10000.	10	05/10/99
Pyrene	16000.	10	05/10/99
Butyl benzyl phthalate	<5000.	10	05/10/99
3,3'-Dichlorobenzidine	<10000.	10	05/10/99
Benzo[a]anthracene	6800.	10	05/10/99
Chrysene	7100.	10	05/10/99
bis(2-Ethylhexyl)phthalate	<5000.	10	05/10/99
Di-n-octyl phthalate	<5000.	10	05/10/99
Benzo[b]fluoranthene	7100.	10	05/10/99

- Outside control limits J-Estimated value

Authorized:

Date: May 17, 1999

Monika Santucci

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1659
Samp. Description: SB-6,7-S
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/06/99 Matrix: Solid
Received: 05/06/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 66.1
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k] fluoranthene	<5000.		10	05/10/99	
Benzo[a]pyrene	5500.		10	05/10/99	
Indeno[1,2,3-cd]pyrene	<5000.		10	05/10/99	
Dibenz[a,h]anthracene	<5000.		10	05/10/99	
Benzo[g,h,i]perylene	<5000.		10	05/10/99	
Aniline	<5000.		10	05/10/99	
2-Fluorophenol (surrogate)	97.%	44-119	10	05/10/99	
Phenol-d5 (surrogate)	94.%	54-120	10	05/10/99	
2,4,6-Tribromophenol (surrogate)	112.%	27-116	10	05/10/99	
Nitrobenzene-d5 (surrogate)	68.%	41-129	10	05/10/99	
2-Fluorobiphenyl (surrogate)	99.%	52-118	10	05/10/99	
Terphenyl-d14 (surrogate)	116.%	49-136	10	05/10/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 
Date: May 17, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Wet Chemistry

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1656
Samp. Description: SB-6,7-N

Collected: 05/06/99
Received: 05/06/99 19:00
Matrix: Solid

Parameter	Result	Units	Method	Prepared	Analyzed	QC Batch	Note
% Total Solids	81.9	%	2540-G		05/10/99	051099S11	

Notes:

Sample: M1657
Samp. Description: SB-6,7-E

Collected: 05/06/99
Received: 05/06/99 19:00
Matrix: Solid

Parameter	Result	Units	Method	Prepared	Analyzed	QC Batch	Note
% Total Solids	22.7	%	2540-G		05/10/99	051099S11	

Notes:

Sample: M1658
Samp. Description: SB-6,7-W

Collected: 05/06/99
Received: 05/06/99 19:00
Matrix: Solid

Parameter	Result	Units	Method	Prepared	Analyzed	QC Batch	Note
% Total Solids	43.4	%	2540-G		05/10/99	051099S11	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: May 13, 1999
Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Wet Chemistry**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1659
Samp. Description: SB-6,7-S

Collected: 05/06/99 Matrix: Solid
Received: 05/06/99 19:00

Parameter	Result	Units	Method	Prepared	Analyzed	QC Batch	Note
% Total Solids	66.1	%	2540-G		05/10/99	051099S11	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: May 13, 1999 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

1717

Client: <i>DBG Engineers</i>						Analysis/Method									
Project: <i>NMPC Rome Sentinel Site</i>						VOCs 8260 SVOCs 8270									
Sampled by: <i>Ed Rahn</i>															
Client Contact: <i>Bill Gabriel</i> Phone # <i>2489</i>															
Sample Description															
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers										
<i>SB-6,7-N</i>	<i>5/6/99</i>	<i>1345</i>	<i>Soil</i>	<i>Comp.</i>	<i>2</i>	<i>x</i>	<i>x</i>								
<i>SB-6,7-E</i>	<i>5/6/99</i>	<i>1353</i>	<i>Soil</i>	<i>Comp.</i>	<i>2</i>	<i>x</i>	<i>x</i>								
<i>SB-6,7-W</i>	<i>5/6/99</i>	<i>1358</i>	<i>Soil</i>	<i>Comp.</i>	<i>2</i>	<i>x</i>	<i>x</i>								
<i>SB-6,7-S</i>	<i>5/6/99</i>	<i>1405</i>	<i>Soil</i>	<i>Comp.</i>	<i>2</i>	<i>x</i>	<i>x</i>								
Relinquished by: <i>Edwin B Rahn</i> Date: <i>5/6/99</i> Time: <i>1900</i>						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____									
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>Mark F. Jackson</i> Date: <i>5/1/99</i> Time: <i>07:00</i>									
Shipment Method: _____						Airbill Number: _____									

Turnaround Time Required:

Routine _____
Rush (Specify) *24-48 hrs.*

Comments: *Containers are marked for VOCs and SVOCs.*

Cooler Temperature: *8°C*

Original-Laboratory Copy-Client



O'BRIEN & GERE
LABORATORIES, INC.

O'BRIEN & GERE LABORATORIES, INC.
CASE FILE FORM

PROGRAM INFORMATION

Client: OBG Engineers Div. 58 Job No. 1118.080

Program: NMPL Rome Sentinel Site

Custody Seal: Intact Not Intact NA

AFTER HOURS CUSTODY

RELINQUISHED BY: <u>Edwin B. Rahn</u>	DATE <u>5/6/99</u>	TIME <u>1900</u>	RECEIVED BY SECURITY GUARD: <u>Don Loepp</u>	DATE: <u>5/6/99</u>	TIME: <u>1900</u>
RELINQUISHED BY SECURITY GUARD TO COOLER: <u>Don Loepp</u>	DATE <u>5/6/99</u>	TIME <u>1905</u>	RECEIVED BY SAMPLE CUSTODIAN: <u>Mark F. Jackson</u>	DATE: <u>5/7/99</u>	TIME: <u>07:00</u>

COMMENTS/DISCREPANCY:

Cooler found intact in a secured walk-in cooler.

Cooler temp 40°C

RESOLUTION/CLIENT COMMENT:

Signed: Mark F. Jackson

Date: 5/7/99

QA/QC Approval: _____

Signed: Monty Santucci

Date: 5/21/99

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1781
Samp. Description: SB-2-E
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 88.6
Sample size: 5 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dichlorodifluoromethane	<5.6		1	05/10/99	
Chloromethane	<5.6		1	05/10/99	
Vinyl chloride	<5.6		1	05/10/99	
Bromomethane	<5.6		1	05/10/99	
Chloroethane	<5.6		1	05/10/99	
Trichlorofluoromethane	<5.6		1	05/10/99	
1,1-Dichloroethene	<2.8		1	05/10/99	
Methylene chloride	80.		1	05/10/99	
trans-1,2-Dichloroethene	<2.8		1	05/10/99	
1,1-Dichloroethane	<2.8		1	05/10/99	
cis-1,2-Dichloroethene	<2.8		1	05/10/99	
Bromochloromethane	<2.8		1	05/10/99	
Chloroform	<2.8		1	05/10/99	
2,2-Dichloropropane	<2.8		1	05/10/99	
1,2-Dichloroethane	<2.8		1	05/10/99	
1,1,1-Trichloroethane	<2.8		1	05/10/99	
1,1-Dichloropropene	<2.8		1	05/10/99	
Carbon tetrachloride	<2.8		1	05/10/99	
Benzene	<2.8		1	05/10/99	
Dibromomethane	<2.8		1	05/10/99	
1,2-Dichloropropane	<2.8		1	05/10/99	
Trichloroethene	<2.8		1	05/10/99	
Bromodichloromethane	<2.8		1	05/10/99	
cis-1,3-Dichloropropene	<2.8		1	05/10/99	
trans-1,3-Dichloropropene	<2.8		1	05/10/99	
1,1,2-Trichloroethane	<2.8		1	05/10/99	
Toluene	<2.8		1	05/10/99	
1,3-Dichloropropane	<2.8		1	05/10/99	
Dibromochloromethane	<2.8		1	05/10/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 11, 1999
Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1781
Samp. Description: SB-2-E
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99

Matrix: Solid
QC Batch: 051099S1
%Solids: 88.6
Sample size: 5 g

Parameter	Result	Surrog Limits	Dilution	Analyzed Notes
1,2-Dibromoethane	<2.8		1	05/10/99
Tetrachloroethene	<2.8		1	05/10/99
1,1,1,2-Tetrachloroethane	<2.8		1	05/10/99
Chlorobenzene	<2.8		1	05/10/99
Ethylbenzene	<2.8		1	05/10/99
Bromoform	<2.8		1	05/10/99
Xylene (total)	<2.8		1	05/10/99
Styrene	<2.8		1	05/10/99
1,1,2,2-Tetrachloroethane	<2.8		1	05/10/99
1,2,3-Trichloropropane	<2.8		1	05/10/99
Isopropylbenzene	<2.8		1	05/10/99
Bromobenzene	<2.8		1	05/10/99
n-Propylbenzene	<2.8		1	05/10/99
2-Chlorotoluene	<2.8		1	05/10/99
4-Chlorotoluene	<2.8		1	05/10/99
1,3,5-Trimethylbenzene	<2.8		1	05/10/99
tert-Butylbenzene	<2.8		1	05/10/99
n-Butylbenzene	<2.8		1	05/10/99
1,2,4-Trimethylbenzene	<2.8		1	05/10/99
sec-Butylbenzene	<2.8		1	05/10/99
1,3-Dichlorobenzene	<2.8		1	05/10/99
1,4-Dichlorobenzene	<2.8		1	05/10/99
p-Isopropyltoluene	<2.8		1	05/10/99
1,2-Dichlorobenzene	<2.8		1	05/10/99
1,2-Dibromo-3-chloropropane	<2.8		1	05/10/99
1,2,4-Trichlorobenzene	<2.8		1	05/10/99
Naphthalene	<2.8		1	05/10/99
Hexachlorobutadiene	<2.8		1	05/10/99
1,2,3-Trichlorobenzene	<2.8		1	05/10/99
Dibromofluoromethane (surrogate)	106.%	70-129	1	05/10/99
1,2-Dichloroethane-d4 (surrogate)	101.%	70-121	1	05/10/99

- Outside control limits J-Estimated value

Authorized:

Date: May 11, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1781
Samp. Description: SB-2-E
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 88.6
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	102.%	70-124	1	05/10/99	
Bromofluorobenzene (surrogate)	90.%	72-130	1	05/10/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 11, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1781
Samp. Description: SB-2-E
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 88.6
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis(2-Chloroethyl) ether	<3800.	10	05/10/99
Phenol	<3800.	10	05/10/99
2-Chlorophenol	<3800.	10	05/10/99
1,3-Dichlorobenzene	<3800.	10	05/10/99
1,4-Dichlorobenzene	<3800.	10	05/10/99
Benzyl alcohol	<3800.	10	05/10/99
1,2-Dichlorobenzene	<3800.	10	05/10/99
2-Methylphenol	<3800.	10	05/10/99
bis(2-Chloroisopropyl) ether	<3800.	10	05/10/99
4-Methylphenol	<3800.	10	05/10/99
N-Nitroso-di-n-propylamine	<3800.	10	05/10/99
Hexachloroethane	<3800.	10	05/10/99
Nitrobenzene	<3800.	10	05/10/99
Isophorone	<3800.	10	05/10/99
2-Nitrophenol	<3800.	10	05/10/99
2,4-Dimethylphenol	<3800.	10	05/10/99
bis(2-Chloroethoxy) methane	<3800.	10	05/10/99
Benzoic acid	<19000.	10	05/10/99
2,4-Dichlorophenol	<3800.	10	05/10/99
1,2,4-Trichlorobenzene	<3800.	10	05/10/99
Naphthalene	<3800.	10	05/10/99
4-Chloroaniline	<3800.	10	05/10/99
Hexachlorobutadiene	<3800.	10	05/10/99
4-Chloro-3-methylphenol	<3800.	10	05/10/99
2-Methylnaphthalene	<3800.	10	05/10/99
Hexachlorocyclopentadiene	<3800.	10	05/10/99
2,4,6-Trichlorophenol	<3800.	10	05/10/99
2,4,5-Trichlorophenol	<19000.	10	05/10/99
2-Chloronaphthalene	<3800.	10	05/10/99

- Outside control limits J-Estimated value

Authorized:

Date: May 17, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1781
Samp. Description: SB-2-E
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 88.6
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<19000.	10	05/10/99
Dimethyl phthalate	<3800.	10	05/10/99
Acenaphthylene	<3800.	10	05/10/99
2,6-Dinitrotoluene	<3800.	10	05/10/99
3-Nitroaniline	<19000.	10	05/10/99
Acenaphthene	<3800.	10	05/10/99
2,4-Dinitrophenol	<19000.	10	05/10/99
4-Nitrophenol	<19000.	10	05/10/99
Dibenzofuran	<3800.	10	05/10/99
2,4-Dinitrotoluene	<3800.	10	05/10/99
Diethyl phthalate	<3800.	10	05/10/99
Fluorene	<3800.	10	05/10/99
4-Chlorophenyl phenyl ether	<3800.	10	05/10/99
4-Nitroaniline	<19000.	10	05/10/99
4,6-Dinitro-2-methylphenol	<19000.	10	05/10/99
N-Nitrosodiphenylamine	<3800.	10	05/10/99
4-Bromophenyl phenyl ether	<3800.	10	05/10/99
Hexachlorobenzene	<3800.	10	05/10/99
Pentachlorophenol	<19000.	10	05/10/99
Phenanthrene	<3800.	10	05/10/99
Anthracene	<3800.	10	05/10/99
Di-n-butyl phthalate	<3800.	10	05/10/99
Fluoranthene	<3800.	10	05/10/99
Pyrene	<3800.	10	05/10/99
Butyl benzyl phthalate	<3800.	10	05/10/99
3,3'-Dichlorobenzidine	<7500.	10	05/10/99
Benzo[a]anthracene	<3800.	10	05/10/99
Chrysene	<3800.	10	05/10/99
bis(2-Ethylhexyl)phthalate	<3800.	10	05/10/99
Di-n-octyl phthalate	<3800.	10	05/10/99
Benzo[b]fluoranthene	10000.	10	05/10/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 17, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1781
Samp. Description: SB-2-E
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 88.6
Sample Size: 30 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Benzo [k] fluoranthene	<3800.		10	05/10/99	
Benzo [a] pyrene	12000.		10	05/10/99	
Indeno [1,2,3-cd] pyrene	4200.		10	05/10/99	
Dibenz [a,h] anthracene	<3800.		10	05/10/99	
Benzo [g,h,i] perylene	6400.		10	05/10/99	
Aniline	<3800.		10	05/10/99	
2-Fluorophenol (surrogate)	90.%	44-119	10	05/10/99	
Phenol-d5 (surrogate)	87.%	54-120	10	05/10/99	
2,4,6-Tribromophenol (surrogate)	105.%	27-116	10	05/10/99	
Nitrobenzene-d5 (surrogate)	62.%	41-129	10	05/10/99	
2-Fluorobiphenyl (surrogate)	93.%	52-118	10	05/10/99	
Terphenyl-d14 (surrogate)	99.%	49-136	10	05/10/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 17, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1782
Samp. Description: SB-2-S
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 83.6
Sample size: 1 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dichlorodifluoromethane	<30.		1	05/10/99	
Chloromethane	<30.		1	05/10/99	
Vinyl chloride	<30.		1	05/10/99	
Bromomethane	<30.		1	05/10/99	
Chloroethane	<30.		1	05/10/99	
Trichlorofluoromethane	<30.		1	05/10/99	
1,1-Dichloroethene	<15.		1	05/10/99	
Methylene chloride	250.		1	05/10/99	
trans-1,2-Dichloroethene	<15.		1	05/10/99	
1,1-Dichloroethane	<15.		1	05/10/99	
cis-1,2-Dichloroethene	<15.		1	05/10/99	
Bromochloromethane	<15.		1	05/10/99	
Chloroform	<15.		1	05/10/99	
2,2-Dichloropropane	<15.		1	05/10/99	
1,2-Dichloroethane	<15.		1	05/10/99	
1,1,1-Trichloroethane	<15.		1	05/10/99	
1,1-Dichloropropene	<15.		1	05/10/99	
Carbon tetrachloride	<15.		1	05/10/99	
Benzene	<15.		1	05/10/99	
Dibromomethane	<15.		1	05/10/99	
1,2-Dichloropropane	<15.		1	05/10/99	
Trichloroethene	<15.		1	05/10/99	
Bromodichloromethane	<15.		1	05/10/99	
cis-1,3-Dichloropropene	<15.		1	05/10/99	
trans-1,3-Dichloropropene	<15.		1	05/10/99	
1,1,2-Trichloroethane	<15.		1	05/10/99	
Toluene	<15.		1	05/10/99	
1,3-Dichloropropane	<15.		1	05/10/99	
Dibromochloromethane	<15.		1	05/10/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 11, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1782
Samp. Description: SB-2-S
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 83.6
Sample size: 1 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<15.		1	05/10/99	
Tetrachloroethene	<15.		1	05/10/99	
1,1,1,2-Tetrachloroethane	<15.		1	05/10/99	
Chlorobenzene	<15.		1	05/10/99	
Ethylbenzene	<15.		1	05/10/99	
Bromoform	<15.		1	05/10/99	
Xylene (total)	<15.		1	05/10/99	
Styrene	<15.		1	05/10/99	
1,1,2,2-Tetrachloroethane	<15.		1	05/10/99	
1,2,3-Trichloropropane	<15.		1	05/10/99	
Isopropylbenzene	<15.		1	05/10/99	
Bromobenzene	<15.		1	05/10/99	
n-Propylbenzene	<15.		1	05/10/99	
2-Chlorotoluene	<15.		1	05/10/99	
4-Chlorotoluene	<15.		1	05/10/99	
1,3,5-Trimethylbenzene	<15.		1	05/10/99	
tert-Butylbenzene	<15.		1	05/10/99	
n-Butylbenzene	<15.		1	05/10/99	
1,2,4-Trimethylbenzene	22.		1	05/10/99	
sec-Butylbenzene	<15.		1	05/10/99	
1,3-Dichlorobenzene	<15.		1	05/10/99	
1,4-Dichlorobenzene	<15.		1	05/10/99	
p-Isopropyltoluene	16.		1	05/10/99	
1,2-Dichlorobenzene	<15.		1	05/10/99	
1,2-Dibromo-3-chloropropane	<15.		1	05/10/99	
1,2,4-Trichlorobenzene	<15.		1	05/10/99	
Naphthalene	570.		1	05/10/99	
Hexachlorobutadiene	<15.		1	05/10/99	
1,2,3-Trichlorobenzene	<15.		1	05/10/99	
Dibromofluoromethane (surrogate)	98.%	70-129	1	05/10/99	
1,2-Dichloroethane-d4 (surrogate)	97.%	70-121	1	05/10/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 11, 1999
Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1782
Samp. Description: SB-2-S
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 83.6
Sample size: 1 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	104.%	70-124	1	05/10/99	
Bromofluorobenzene (surrogate)	91.%	72-130	1	05/10/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 11, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1782
Samp. Description: SB-2-S
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99

Matrix: Solid
QC Batch: 051099S1
%Solids: 83.6
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis(2-Chloroethyl) ether	<4000.	10	05/10/99
Phenol	<4000.	10	05/10/99
2-Chlorophenol	<4000.	10	05/10/99
1,3-Dichlorobenzene	<4000.	10	05/10/99
1,4-Dichlorobenzene	<4000.	10	05/10/99
Benzyl alcohol	<4000.	10	05/10/99
1,2-Dichlorobenzene	<4000.	10	05/10/99
2-Methylphenol	<4000.	10	05/10/99
bis(2-Chloroisopropyl) ether	<4000.	10	05/10/99
4-Methylphenol	<4000.	10	05/10/99
N-Nitroso-di-n-propylamine	<4000.	10	05/10/99
Hexachloroethane	<4000.	10	05/10/99
Nitrobenzene	<4000.	10	05/10/99
Isophorone	<4000.	10	05/10/99
2-Nitrophenol	<4000.	10	05/10/99
2,4-Dimethylphenol	<4000.	10	05/10/99
bis(2-Chloroethoxy) methane	<4000.	10	05/10/99
Benzoic acid	<20000.	10	05/10/99
2,4-Dichlorophenol	<4000.	10	05/10/99
1,2,4-Trichlorobenzene	<4000.	10	05/10/99
Naphthalene	<4000.	10	05/10/99
4-Chloroaniline	<4000.	10	05/10/99
Hexachlorobutadiene	<4000.	10	05/10/99
4-Chloro-3-methylphenol	<4000.	10	05/10/99
2-Methylnaphthalene	<4000.	10	05/10/99
Hexachlorocyclopentadiene	<4000.	10	05/10/99
2,4,6-Trichlorophenol	<4000.	10	05/10/99
2,4,5-Trichlorophenol	<20000.	10	05/10/99
2-Chloronaphthalene	<4000.	10	05/10/99

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 17, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

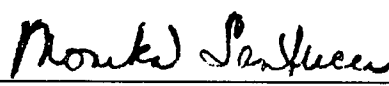
Sample: M1782
Samp. Description: SB-2-S
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 83.6
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
2-Nitroaniline	<20000.		10	05/10/99	
Dimethyl phthalate	<4000.		10	05/10/99	
Acenaphthylene	<4000.		10	05/10/99	
2,6-Dinitrotoluene	<4000.		10	05/10/99	
3-Nitroaniline	<20000.		10	05/10/99	
Acenaphthene	6000.		10	05/10/99	
2,4-Dinitrophenol	<20000.		10	05/10/99	
4-Nitrophenol	<20000.		10	05/10/99	
Dibenzofuran	<4000.		10	05/10/99	
2,4-Dinitrotoluene	<4000.		10	05/10/99	
Diethyl phthalate	<4000.		10	05/10/99	
Fluorene	5100.		10	05/10/99	
4-Chlorophenyl phenyl ether	<4000.		10	05/10/99	
4-Nitroaniline	<20000.		10	05/10/99	
4,6-Dinitro-2-methylphenol	<20000.		10	05/10/99	
N-Nitrosodiphenylamine	<4000.		10	05/10/99	
4-Bromophenyl phenyl ether	<4000.		10	05/10/99	
Hexachlorobenzene	<4000.		10	05/10/99	
Pentachlorophenol	<20000.		10	05/10/99	
Phenanthrene	17000.		10	05/10/99	
Anthracene	8800.		10	05/10/99	
Di-n-butyl phthalate	<4000.		10	05/10/99	
Fluoranthene	25000.		10	05/10/99	
Pyrene	46000.		10	05/10/99	
Butyl benzyl phthalate	<4000.		10	05/10/99	
3,3'-Dichlorobenzidine	<8000.		10	05/10/99	
Benzo[a]anthracene	17000.		10	05/10/99	
Chrysene	17000.		10	05/10/99	
bis(2-Ethylhexyl)phthalate	<4000.		10	05/10/99	
Di-n-octyl phthalate	<4000.		10	05/10/99	
Benzo[b]fluoranthene	15000.		10	05/10/99	

E

- Outside control limits J-Estimated value

Authorized: 
Date: May 17, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1782
Samp. Description: SB-2-S
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 83.6
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo [k] fluoranthene	5200.		10	05/10/99	
Benzo [a] pyrene	17000.		10	05/10/99	
Indeno [1,2,3-cd] pyrene	4100.		10	05/10/99	
Dibenz [a,h] anthracene	<4000.		10	05/10/99	
Benzo [g,h,i] perylene	5700.		10	05/10/99	
Aniline	<4000.		10	05/10/99	
2-Fluorophenol (surrogate)	95.%	44-119	10	05/10/99	
Phenol-d5 (surrogate)	93.%	54-120	10	05/10/99	
2,4,6-Tribromophenol (surrogate)	110.%	27-116	10	05/10/99	
Nitrobenzene-d5 (surrogate)	71.%	41-129	10	05/10/99	
2-Fluorobiphenyl (surrogate)	97.%	52-118	10	05/10/99	
Terphenyl-d14 (surrogate)	124.%	49-136	10	05/10/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 17, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1782DL
Samp. Description: SB-2-S
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99

Matrix: Solid
QC Batch: 051099S1
%Solids: 83.6
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
bis(2-Chloroethyl) ether	<8000.		20	05/11/99	
Phenol	<8000.		20	05/11/99	
2-Chlorophenol	<8000.		20	05/11/99	
1,3-Dichlorobenzene	<8000.		20	05/11/99	
1,4-Dichlorobenzene	<8000.		20	05/11/99	
Benzyl alcohol	<8000.		20	05/11/99	
1,2-Dichlorobenzene	<8000.		20	05/11/99	
2-Methylphenol	<8000.		20	05/11/99	
bis(2-Chloroisopropyl) ether	<8000.		20	05/11/99	
4-Methylphenol	<8000.		20	05/11/99	
N-Nitroso-di-n-propylamine	<8000.		20	05/11/99	
Hexachloroethane	<8000.		20	05/11/99	
Nitrobenzene	<8000.		20	05/11/99	
Isophorone	<8000.		20	05/11/99	
2-Nitrophenol	<8000.		20	05/11/99	
2,4-Dimethylphenol	<8000.		20	05/11/99	
bis(2-Chloroethoxy) methane	<8000.		20	05/11/99	
Benzoic acid	<40000.		20	05/11/99	
2,4-Dichlorophenol	<8000.		20	05/11/99	
1,2,4-Trichlorobenzene	<8000.		20	05/11/99	
Naphthalene	<8000.		20	05/11/99	
4-Chloroaniline	<8000.		20	05/11/99	
Hexachlorobutadiene	<8000.		20	05/11/99	
4-Chloro-3-methylphenol	<8000.		20	05/11/99	
2-Methylnaphthalene	<8000.		20	05/11/99	
Hexachlorocyclopentadiene	<8000.		20	05/11/99	
2,4,6-Trichlorophenol	<8000.		20	05/11/99	
2,4,5-Trichlorophenol	<40000.		20	05/11/99	
2-Chloronaphthalene	<8000.		20	05/11/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 17, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1782DL
Samp. Description: SB-2-S
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 83.6
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<40000.	20	05/11/99
Dimethyl phthalate	<8000.	20	05/11/99
Acenaphthylene	<8000.	20	05/11/99
2,6-Dinitrotoluene	<8000.	20	05/11/99
3-Nitroaniline	<40000.	20	05/11/99
Acenaphthene	<8000.	20	05/11/99
2,4-Dinitrophenol	<40000.	20	05/11/99
4-Nitrophenol	<40000.	20	05/11/99
Dibenzofuran	<8000.	20	05/11/99
2,4-Dinitrotoluene	<8000.	20	05/11/99
Diethyl phthalate	<8000.	20	05/11/99
Fluorene	<8000.	20	05/11/99
4-Chlorophenyl phenyl ether	<8000.	20	05/11/99
4-Nitroaniline	<40000.	20	05/11/99
4,6-Dinitro-2-methylphenol	<40000.	20	05/11/99
N-Nitrosodiphenylamine	<8000.	20	05/11/99
4-Bromophenyl phenyl ether	<8000.	20	05/11/99
Hexachlorobenzene	<8000.	20	05/11/99
Pentachlorophenol	<40000.	20	05/11/99
Phenanthrene	16000.	20	05/11/99
Anthracene	8700.	20	05/11/99
Di-n-butyl phthalate	<8000.	20	05/11/99
Fluoranthene	25000.	20	05/11/99
Pyrene	43000.	20	05/11/99
Butyl benzyl phthalate	<8000.	20	05/11/99
3,3'-Dichlorobenzidine	<16000.	20	05/11/99
Benzo[a]anthracene	16000.	20	05/11/99
Chrysene	18000.	20	05/11/99
bis(2-Ethylhexyl)phthalate	<8000.	20	05/11/99
Di-n-octyl phthalate	<8000.	20	05/11/99
Benzo[b]fluoranthene	14000.	20	05/11/99

- Outside control limits J-Estimated value

Authorized: 
Date: May 17, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1782DL
Samp. Description: SB-2-S
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 83.6
Sample Size: 30 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Benzo[k] fluoranthene	<8000.		20	05/11/99	
Benzo[a]pyrene	16000.		20	05/11/99	
Indeno[1,2,3-cd]pyrene	<8000.		20	05/11/99	
Dibenz[a,h]anthracene	<8000.		20	05/11/99	
Benzo[g,h,i]perylene	<8000.		20	05/11/99	
Aniline	<8000.		20	05/11/99	
2-Fluorophenol (surrogate)	92.%	44-119	20	05/11/99	
Phenol-d5 (surrogate)	90.%	54-120	20	05/11/99	
2,4,6-Tribromophenol (surrogate)	103.%	27-116	20	05/11/99	
Nitrobenzene-d5 (surrogate)	71.%	41-129	20	05/11/99	
2-Fluorobiphenyl (surrogate)	99.%	52-118	20	05/11/99	
Terphenyl-d14 (surrogate)	106.%	49-136	20	05/11/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 17, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1783
Samp. Description: SB-2-W
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99

Matrix: Solid
QC Batch: 051099S1
%Solids: 77.4
Sample size: 1 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Dichlorodifluoromethane	<32.	1	05/10/99
Chloromethane	<32.	1	05/10/99
Vinyl chloride	<32.	1	05/10/99
Bromomethane	<32.	1	05/10/99
Chloroethane	<32.	1	05/10/99
Trichlorofluoromethane	<32.	1	05/10/99
1,1-Dichloroethene	<16.	1	05/10/99
Methylene chloride	150.	1	05/10/99
trans-1,2-Dichloroethene	<16.	1	05/10/99
1,1-Dichloroethane	<16.	1	05/10/99
cis-1,2-Dichloroethene	<16.	1	05/10/99
Bromochloromethane	<16.	1	05/10/99
Chloroform	<16.	1	05/10/99
2,2-Dichloropropane	<16.	1	05/10/99
1,2-Dichloroethane	<16.	1	05/10/99
1,1,1-Trichloroethane	<16.	1	05/10/99
1,1-Dichloropropene	<16.	1	05/10/99
Carbon tetrachloride	<16.	1	05/10/99
Benzene	<16.	1	05/10/99
Dibromomethane	<16.	1	05/10/99
1,2-Dichloropropane	<16.	1	05/10/99
Trichloroethene	<16.	1	05/10/99
Bromodichloromethane	<16.	1	05/10/99
cis-1,3-Dichloropropene	<16.	1	05/10/99
trans-1,3-Dichloropropene	<16.	1	05/10/99
1,1,2-Trichloroethane	<16.	1	05/10/99
Toluene	<16.	1	05/10/99
1,3-Dichloropropane	<16.	1	05/10/99
Dibromochloromethane	<16.	1	05/10/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 12, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1783
Samp. Description: SB-2-W
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 77.4
Sample size: 1 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<16.		1	05/10/99	
Tetrachloroethene	<16.		1	05/10/99	
1,1,1,2-Tetrachloroethane	<16.		1	05/10/99	
Chlorobenzene	<16.		1	05/10/99	
Ethylbenzene	<16.		1	05/10/99	
Bromoform	<16.		1	05/10/99	
Xylene (total)	18.		1	05/10/99	
Styrene	<16.		1	05/10/99	
1,1,2,2-Tetrachloroethane	<16.		1	05/10/99	
1,2,3-Trichloropropane	<16.		1	05/10/99	
Isopropylbenzene	<16.		1	05/10/99	
Bromobenzene	<16.		1	05/10/99	
n-Propylbenzene	<16.		1	05/10/99	
2-Chlorotoluene	<16.		1	05/10/99	
4-Chlorotoluene	<16.		1	05/10/99	
1,3,5-Trimethylbenzene	<16.		1	05/10/99	
tert-Butylbenzene	<16.		1	05/10/99	
n-Butylbenzene	<16.		1	05/10/99	
1,2,4-Trimethylbenzene	<16.		1	05/10/99	
sec-Butylbenzene	<16.		1	05/10/99	
1,3-Dichlorobenzene	<16.		1	05/10/99	
1,4-Dichlorobenzene	<16.		1	05/10/99	
p-Isopropyltoluene	<16.		1	05/10/99	
1,2-Dichlorobenzene	<16.		1	05/10/99	
1,2-Dibromo-3-chloropropane	<16.		1	05/10/99	
1,2,4-Trichlorobenzene	<16.		1	05/10/99	
Naphthalene	42.		1	05/10/99	
Hexachlorobutadiene	<16.		1	05/10/99	
1,2,3-Trichlorobenzene	<16.		1	05/10/99	
Dibromofluoromethane (surrogate)	105.%	70-129	1	05/10/99	
1,2-Dichloroethane-d4 (surrogate)	101.%	70-121	1	05/10/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 12, 1999
Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1783
Samp. Description: SB-2-W
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 77.4
Sample size: 1 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	101.%	70-124	1	05/10/99	
Bromofluorobenzene (surrogate)	85.%	72-130	1	05/10/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 12, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1783
Samp. Description: SB-2-W
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 77.4
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis(2-Chloroethyl) ether	<2200.	5	05/11/99
Phenol	<2200.	5	05/11/99
2-Chlorophenol	<2200.	5	05/11/99
1,3-Dichlorobenzene	<2200.	5	05/11/99
1,4-Dichlorobenzene	<2200.	5	05/11/99
Benzyl alcohol	<2200.	5	05/11/99
1,2-Dichlorobenzene	<2200.	5	05/11/99
2-Methylphenol	<2200.	5	05/11/99
bis(2-Chloroisopropyl) ether	<2200.	5	05/11/99
4-Methylphenol	<2200.	5	05/11/99
N-Nitroso-di-n-propylamine	<2200.	5	05/11/99
Hexachloroethane	<2200.	5	05/11/99
Nitrobenzene	<2200.	5	05/11/99
Isophorone	<2200.	5	05/11/99
2-Nitrophenol	<2200.	5	05/11/99
2,4-Dimethylphenol	<2200.	5	05/11/99
bis(2-Chloroethoxy) methane	<2200.	5	05/11/99
Benzoic acid	<11000.	5	05/11/99
2,4-Dichlorophenol	<2200.	5	05/11/99
1,2,4-Trichlorobenzene	<2200.	5	05/11/99
Naphthalene	<2200.	5	05/11/99
4-Chloroaniline	<2200.	5	05/11/99
Hexachlorobutadiene	<2200.	5	05/11/99
4-Chloro-3-methylphenol	<2200.	5	05/11/99
2-Methylnaphthalene	<2200.	5	05/11/99
Hexachlorocyclopentadiene	<2200.	5	05/11/99
2,4,6-Trichlorophenol	<2200.	5	05/11/99
2,4,5-Trichlorophenol	<11000.	5	05/11/99
2-Chloronaphthalene	<2200.	5	05/11/99

- Outside control limits J-Estimated value

Authorized:

Date: May 17, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1783
Samp. Description: SB-2-W
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 77.4
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<11000.	5	05/11/99
Dimethyl phthalate	<2200.	5	05/11/99
Acenaphthylene	<2200.	5	05/11/99
2,6-Dinitrotoluene	<2200.	5	05/11/99
3-Nitroaniline	<11000.	5	05/11/99
Acenaphthene	<2200.	5	05/11/99
2,4-Dinitrophenol	<11000.	5	05/11/99
4-Nitrophenol	<11000.	5	05/11/99
Dibenzofuran	<2200.	5	05/11/99
2,4-Dinitrotoluene	<2200.	5	05/11/99
Diethyl phthalate	<2200.	5	05/11/99
Fluorene	<2200.	5	05/11/99
4-Chlorophenyl phenyl ether	<2200.	5	05/11/99
4-Nitroaniline	<11000.	5	05/11/99
4,6-Dinitro-2-methylphenol	<11000.	5	05/11/99
N-Nitrosodiphenylamine	<2200.	5	05/11/99
4-Bromophenyl phenyl ether	<2200.	5	05/11/99
Hexachlorobenzene	<2200.	5	05/11/99
Pentachlorophenol	<11000.	5	05/11/99
Phenanthrene	<2200.	5	05/11/99
Anthracene	<2200.	5	05/11/99
Di-n-butyl phthalate	<2200.	5	05/11/99
Fluoranthene	3400.	5	05/11/99
Pyrene	4400.	5	05/11/99
Butyl benzyl phthalate	<2200.	5	05/11/99
3,3'-Dichlorobenzidine	<4300.	5	05/11/99
Benzo[a]anthracene	2300.	5	05/11/99
Chrysene	2500.	5	05/11/99
bis(2-Ethylhexyl)phthalate	<2200.	5	05/11/99
Di-n-octyl phthalate	<2200.	5	05/11/99
Benzo[b]fluoranthene	4300.	5	05/11/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 17, 1999 Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1783
Samp. Description: SB-2-W
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 77.4
Sample Size: 30 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Benzo[k] fluoranthene	<2200.		5	05/11/99	
Benzo[a]pyrene	2500.		5	05/11/99	
Indeno[1,2,3-cd]pyrene	<2200.		5	05/11/99	
Dibenz[a,h]anthracene	<2200.		5	05/11/99	
Benzo[g,h,i]perylene	<2200.		5	05/11/99	
Aniline	<2200.		5	05/11/99	
2-Fluorophenol (surrogate)	80.%	44-119	5	05/11/99	
Phenol-d5 (surrogate)	83.%	54-120	5	05/11/99	
2,4,6-Tribromophenol (surrogate)	112.%	27-116	5	05/11/99	
Nitrobenzene-d5 (surrogate)	61.%	41-129	5	05/11/99	
2-Fluorobiphenyl (surrogate)	91.%	52-118	5	05/11/99	
Terphenyl-d14 (surrogate)	116.%	49-136	5	05/11/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 17, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1784
Samp. Description: SB-2-N
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 85.3
Sample size: 5 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Dichlorodifluoromethane	<5.9	1	05/10/99
Chloromethane	<5.9	1	05/10/99
Vinyl chloride	<5.9	1	05/10/99
Bromomethane	<5.9	1	05/10/99
Chloroethane	<5.9	1	05/10/99
Trichlorofluoromethane	<5.9	1	05/10/99
1,1-Dichloroethene	<2.9	1	05/10/99
Methylene chloride	E 480.	1	05/10/99
trans-1,2-Dichloroethene	<2.9	1	05/10/99
1,1-Dichloroethane	<2.9	1	05/10/99
cis-1,2-Dichloroethene	<2.9	1	05/10/99
Bromochloromethane	<2.9	1	05/10/99
Chloroform	<2.9	1	05/10/99
2,2-Dichloropropane	<2.9	1	05/10/99
1,2-Dichloroethane	<2.9	1	05/10/99
1,1,1-Trichloroethane	<2.9	1	05/10/99
1,1-Dichloropropene	<2.9	1	05/10/99
Carbon tetrachloride	<2.9	1	05/10/99
Benzene	3.0	1	05/10/99
Dibromomethane	<2.9	1	05/10/99
1,2-Dichloropropane	<2.9	1	05/10/99
Trichloroethene	<2.9	1	05/10/99
Bromodichloromethane	<2.9	1	05/10/99
cis-1,3-Dichloropropene	<2.9	1	05/10/99
trans-1,3-Dichloropropene	<2.9	1	05/10/99
1,1,2-Trichloroethane	<2.9	1	05/10/99
Toluene	<2.9	1	05/10/99
1,3-Dichloropropane	<2.9	1	05/10/99
Dibromochloromethane	<2.9	1	05/10/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 12, 1999
Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1784
Samp. Description: SB-2-N
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 85.3
Sample size: 5 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
1,2-Dibromoethane	<2.9		1	05/10/99	
Tetrachloroethene	<2.9		1	05/10/99	
1,1,1,2-Tetrachloroethane	<2.9		1	05/10/99	
Chlorobenzene	<2.9		1	05/10/99	
Ethylbenzene	<2.9		1	05/10/99	
Bromoform	<2.9		1	05/10/99	
Xylene (total)	<2.9		1	05/10/99	
Styrene	<2.9		1	05/10/99	
1,1,2,2-Tetrachloroethane	<2.9		1	05/10/99	
1,2,3-Trichloropropane	<2.9		1	05/10/99	
Isopropylbenzene	3.0		1	05/10/99	
Bromobenzene	<2.9		1	05/10/99	
n-Propylbenzene	<2.9		1	05/10/99	
2-Chlorotoluene	<2.9		1	05/10/99	
4-Chlorotoluene	<2.9		1	05/10/99	
1,3,5-Trimethylbenzene	<2.9		1	05/10/99	
tert-Butylbenzene	<2.9		1	05/10/99	
n-Butylbenzene	<2.9		1	05/10/99	
1,2,4-Trimethylbenzene	<2.9		1	05/10/99	
sec-Butylbenzene	<2.9		1	05/10/99	
1,3-Dichlorobenzene	<2.9		1	05/10/99	
1,4-Dichlorobenzene	<2.9		1	05/10/99	
p-Isopropyltoluene	<2.9		1	05/10/99	
1,2-Dichlorobenzene	<2.9		1	05/10/99	
1,2-Dibromo-3-chloropropane	<2.9		1	05/10/99	
1,2,4-Trichlorobenzene	<2.9		1	05/10/99	
Naphthalene	<2.9		1	05/10/99	
Hexachlorobutadiene	<2.9		1	05/10/99	
1,2,3-Trichlorobenzene	<2.9		1	05/10/99	
Dibromofluoromethane (surrogate)	103.%	70-129	1	05/10/99	
1,2-Dichloroethane-d4 (surrogate)	100.%	70-121	1	05/10/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 12, 1999 Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1784
Samp. Description: SB-2-N
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 85.3
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	99.%	70-124	1	05/10/99	
Bromofluorobenzene (surrogate)	84.%	72-130	1	05/10/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 12, 1999 Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1784
Samp. Description: SB-2-N
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 85.3
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis(2-Chloroethyl) ether	<3900.	10	05/10/99
Phenol	<3900.	10	05/10/99
2-Chlorophenol	<3900.	10	05/10/99
1,3-Dichlorobenzene	<3900.	10	05/10/99
1,4-Dichlorobenzene	<3900.	10	05/10/99
Benzyl alcohol	<3900.	10	05/10/99
1,2-Dichlorobenzene	<3900.	10	05/10/99
2-Methylphenol	<3900.	10	05/10/99
bis(2-Chloroisopropyl) ether	<3900.	10	05/10/99
4-Methylphenol	<3900.	10	05/10/99
N-Nitroso-di-n-propylamine	<3900.	10	05/10/99
Hexachloroethane	<3900.	10	05/10/99
Nitrobenzene	<3900.	10	05/10/99
Isophorone	<3900.	10	05/10/99
2-Nitrophenol	<3900.	10	05/10/99
2,4-Dimethylphenol	<3900.	10	05/10/99
bis(2-Chloroethoxy) methane	<3900.	10	05/10/99
Benzoic acid	<20000.	10	05/10/99
2,4-Dichlorophenol	<3900.	10	05/10/99
1,2,4-Trichlorobenzene	<3900.	10	05/10/99
Naphthalene	<3900.	10	05/10/99
4-Chloroaniline	<3900.	10	05/10/99
Hexachlorobutadiene	<3900.	10	05/10/99
4-Chloro-3-methylphenol	<3900.	10	05/10/99
2-Methylnaphthalene	<3900.	10	05/10/99
Hexachlorocyclopentadiene	<3900.	10	05/10/99
2,4,6-Trichlorophenol	<3900.	10	05/10/99
2,4,5-Trichlorophenol	<20000.	10	05/10/99
2-Chloronaphthalene	<3900.	10	05/10/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 17, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1784
Samp. Description: SB-2-N
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 85.3
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<20000.	10	05/10/99
Dimethyl phthalate	<3900.	10	05/10/99
Acenaphthylene	6800.	10	05/10/99
2,6-Dinitrotoluene	<3900.	10	05/10/99
3-Nitroaniline	<20000.	10	05/10/99
Acenaphthene	<3900.	10	05/10/99
2,4-Dinitrophenol	<20000.	10	05/10/99
4-Nitrophenol	<20000.	10	05/10/99
Dibenzofuran	<3900.	10	05/10/99
2,4-Dinitrotoluene	<3900.	10	05/10/99
Diethyl phthalate	<3900.	10	05/10/99
Fluorene	<3900.	10	05/10/99
4-Chlorophenyl phenyl ether	<3900.	10	05/10/99
4-Nitroaniline	<20000.	10	05/10/99
4,6-Dinitro-2-methylphenol	<20000.	10	05/10/99
N-Nitrosodiphenylamine	<3900.	10	05/10/99
4-Bromophenyl phenyl ether	<3900.	10	05/10/99
Hexachlorobenzene	<3900.	10	05/10/99
Pentachlorophenol	<20000.	10	05/10/99
Phenanthrene	11000.	10	05/10/99
Anthracene	4700.	10	05/10/99
Di-n-butyl phthalate	<3900.	10	05/10/99
Fluoranthene	21000.	10	05/10/99
Pyrene	E 43000.	10	05/10/99
Butyl benzyl phthalate	<3900.	10	05/10/99
3,3'-Dichlorobenzidine	<7800.	10	05/10/99
Benzo[a]anthracene	20000.	10	05/10/99
Chrysene	24000.	10	05/10/99
bis(2-Ethylhexyl)phthalate	<3900.	10	05/10/99
Di-n-octyl phthalate	<3900.	10	05/10/99
Benzo[b]fluoranthene	E 34000.	10	05/10/99

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 17, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1784
Samp. Description: SB-2-N
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 85.3
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k]fluoranthene	11000.		10	05/10/99	
Benzo[a]pyrene	33000.		10	05/10/99	E
Indeno[1,2,3-cd]pyrene	15000.		10	05/10/99	
Dibenz[a,h]anthracene	4500.		10	05/10/99	
Benzo[g,h,i]perylene	21000.		10	05/10/99	
Aniline	<3900.		10	05/10/99	
2-Fluorophenol (surrogate)	84.%	44-119	10	05/10/99	
Phenol-d5 (surrogate)	82.%	54-120	10	05/10/99	
2,4,6-Tribromophenol (surrogate)	98.%	27-116	10	05/10/99	
Nitrobenzene-d5 (surrogate)	62.%	41-129	10	05/10/99	
2-Fluorobiphenyl (surrogate)	88.%	52-118	10	05/10/99	
Terphenyl-d14 (surrogate)	162.%	# 49-136	10	05/10/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 17, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1784DL
Samp. Description: SB-2-N
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 85.3
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis(2-Chloroethyl) ether	<7800.	20	05/11/99
Phenol	<7800.	20	05/11/99
2-Chlorophenol	<7800.	20	05/11/99
1,3-Dichlorobenzene	<7800.	20	05/11/99
1,4-Dichlorobenzene	<7800.	20	05/11/99
Benzyl alcohol	<7800.	20	05/11/99
1,2-Dichlorobenzene	<7800.	20	05/11/99
2-Methylphenol	<7800.	20	05/11/99
bis(2-Chloroisopropyl) ether	<7800.	20	05/11/99
4-Methylphenol	<7800.	20	05/11/99
N-Nitroso-di-n-propylamine	<7800.	20	05/11/99
Hexachloroethane	<7800.	20	05/11/99
Nitrobenzene	<7800.	20	05/11/99
Isophorone	<7800.	20	05/11/99
2-Nitrophenol	<7800.	20	05/11/99
2,4-Dimethylphenol	<7800.	20	05/11/99
bis(2-Chloroethoxy) methane	<7800.	20	05/11/99
Benzoic acid	<39000.	20	05/11/99
2,4-Dichlorophenol	<7800.	20	05/11/99
1,2,4-Trichlorobenzene	<7800.	20	05/11/99
Naphthalene	<7800.	20	05/11/99
4-Chloroaniline	<7800.	20	05/11/99
Hexachlorobutadiene	<7800.	20	05/11/99
4-Chloro-3-methylphenol	<7800.	20	05/11/99
2-Methylnaphthalene	<7800.	20	05/11/99
Hexachlorocyclopentadiene	<7800.	20	05/11/99
2,4,6-Trichlorophenol	<7800.	20	05/11/99
2,4,5-Trichlorophenol	<39000.	20	05/11/99
2-Chloronaphthalene	<7800.	20	05/11/99

- Outside control limits J-Estimated value

Authorized:

Date: May 17, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1784DL
Samp. Description: SB-2-N
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99 Matrix: Solid
Received: 05/07/99 QC Batch: 051099S1
Prepared: 05/10/99 %Solids: 85.3
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
2-Nitroaniline	<39000.		20	05/11/99	
Dimethyl phthalate	<7800.		20	05/11/99	
Acenaphthylene	<7800.		20	05/11/99	
2,6-Dinitrotoluene	<7800.		20	05/11/99	
3-Nitroaniline	<39000.		20	05/11/99	
Acenaphthene	<7800.		20	05/11/99	
2,4-Dinitrophenol	<39000.		20	05/11/99	
4-Nitrophenol	<39000.		20	05/11/99	
Dibenzofuran	<7800.		20	05/11/99	
2,4-Dinitrotoluene	<7800.		20	05/11/99	
Diethyl phthalate	<7800.		20	05/11/99	
Fluorene	<7800.		20	05/11/99	
4-Chlorophenyl phenyl ether	<7800.		20	05/11/99	
4-Nitroaniline	<39000.		20	05/11/99	
4,6-Dinitro-2-methylphenol	<39000.		20	05/11/99	
N-Nitrosodiphenylamine	<7800.		20	05/11/99	
4-Bromophenyl phenyl ether	<7800.		20	05/11/99	
Hexachlorobenzene	<7800.		20	05/11/99	
Pentachlorophenol	<39000.		20	05/11/99	
Phenanthrene	11000.		20	05/11/99	
Anthracene	<7800.		20	05/11/99	
Di-n-butyl phthalate	<7800.		20	05/11/99	
Fluoranthene	21000.		20	05/11/99	
Pyrene	37000.		20	05/11/99	
Butyl benzyl phthalate	<7800.		20	05/11/99	
3,3'-Dichlorobenzidine	<16000.		20	05/11/99	
Benzo[a]anthracene	20000.		20	05/11/99	
Chrysene	23000.		20	05/11/99	
bis(2-Ethylhexyl)phthalate	<7800.		20	05/11/99	
Di-n-octyl phthalate	<7800.		20	05/11/99	
Benzo[b]fluoranthene	33000.		20	05/11/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 17, 1999 Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1784DL
Samp. Description: SB-2-N
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/07/99
Received: 05/07/99
Prepared: 05/10/99
Matrix: Solid
QC Batch: 051099S1
%Solids: 85.3
Sample Size: 30 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Benzo[k]fluoranthene	11000.		20	05/11/99	
Benzo[a]pyrene	33000.		20	05/11/99	
Indeno[1,2,3-cd]pyrene	15000.		20	05/11/99	
Dibenz[a,h]anthracene	<7800.		20	05/11/99	
Benzo[g,h,i]perylene	21000.		20	05/11/99	
Aniline	<7800.		20	05/11/99	
2-Fluorophenol (surrogate)	79.%	44-119	20	05/11/99	
Phenol-d5 (surrogate)	80.%	54-120	20	05/11/99	
2,4,6-Tribromophenol (surrogate)	93.%	27-116	20	05/11/99	
Nitrobenzene-d5 (surrogate)	61.%	41-129	20	05/11/99	
2-Fluorobiphenyl (surrogate)	88.%	52-118	20	05/11/99	
Terphenyl-d14 (surrogate)	132.%	49-136	20	05/11/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 17, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Wet Chemistry**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1781
Samp. Description: SB-2-E

Collected: 05/07/99
Received: 05/07/99 16:20
Matrix: Solid

Parameter	Result	Units	Method	Prepared	Analyzed	QC Batch	Note
% Total Solids	88.6	%	2540-G		05/11/99	051199S11	

Notes:

Sample: M1782
Samp. Description: SB-2-S

Collected: 05/07/99
Received: 05/07/99 16:20
Matrix: Solid

Parameter	Result	Units	Method	Prepared	Analyzed	QC Batch	Note
% Total Solids	83.6	%	2540-G		05/11/99	051199S11	

Notes:

Sample: M1783
Samp. Description: SB-2-W

Collected: 05/07/99
Received: 05/07/99 16:20
Matrix: Solid

Parameter	Result	Units	Method	Prepared	Analyzed	QC Batch	Note
% Total Solids	77.4	%	2540-G		05/11/99	051199S11	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: May 13, 1999
Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Wet Chemistry**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M1784
Samp. Description: SB-2-N

Collected: 05/07/99
Received: 05/07/99 16:20

Matrix: Solid

Parameter	Result	Units	Method	Prepared	Analyzed	QC Batch	Note
% Total Solids	85.3	%	2540-G		05/11/99	051199S11	

Notes:

J-Estimated value

Authorized: _____
Date: May 13, 1999 Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

1736

Client: <i>OBG Engineers</i>						Analysis/Method								
Project: <i>NMPC Rome Sentinel Site</i>						VOCs 8260 SVOCs 8270								
Sampled by: <i>Ed Rahn</i>														
Client Contact: <i>Bill Gabriel</i> Phone # <i>2489</i>														
Sample Description														
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers									
<i>SB-2-E</i>	<i>5/7/99</i>	<i>1300</i>	<i>Soil</i>	<i>Comp.</i>	<i>2</i>	<i>x</i>	<i>x</i>							
<i>SB-2-S</i>	<i>5/7/99</i>	<i>1310</i>	<i>Soil</i>	<i>Comp.</i>	<i>2</i>	<i>x</i>	<i>x</i>							
<i>SB-2-W</i>	<i>5/7/99</i>	<i>1320</i>	<i>Soil</i>	<i>Comp.</i>	<i>2</i>	<i>x</i>	<i>x</i>							
<i>SB-2-N</i>	<i>5/7/99</i>	<i>1330</i>	<i>Soil</i>	<i>Comp.</i>	<i>2</i>	<i>x</i>	<i>x</i>							
Relinquished by: <i>Edwin B. Rahn</i> Date: <i>5/7/99</i> Time: <i>1620</i>						Received by: _____ Date: _____ Time: _____								
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____								
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>M. L. Peltz</i> Date: <i>5/7/99</i> Time: <i>16:20</i>								
Shipment Method: <i>Air Mail Delivered</i>						Airbill Number: _____								

Turnaround Time Required:

Routine _____

Rush (Specify) *24-48 hrs*

Comments: *Containers are marked for VOCs and SVOCs.*

Cooler Temperature: *16°C*

Original-Laboratory Copy-Client

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2479
Samp. Description: SB-2-S-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 61

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample size: 5 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dichlorodifluoromethane	<6.5		1	05/19/99	
Chloromethane	<6.5		1	05/19/99	
Vinyl chloride	<6.5		1	05/19/99	
Bromomethane	<6.5		1	05/19/99	
Chloroethane	<6.5		1	05/19/99	
Trichlorofluoromethane	<6.5		1	05/19/99	
1,1-Dichloroethene	<3.2		1	05/19/99	
Methylene chloride	15.		1	05/19/99	
trans-1,2-Dichloroethene	<3.2		1	05/19/99	
1,1-Dichloroethane	<3.2		1	05/19/99	
cis-1,2-Dichloroethene	<3.2		1	05/19/99	
Bromochloromethane	<3.2		1	05/19/99	
Chloroform	<3.2		1	05/19/99	
2,2-Dichloropropane	<3.2		1	05/19/99	
1,2-Dichloroethane	<3.2		1	05/19/99	
1,1,1-Trichloroethane	<3.2		1	05/19/99	
1,1-Dichloropropene	<3.2		1	05/19/99	
Carbon tetrachloride	<3.2		1	05/19/99	
Benzene	<3.2		1	05/19/99	
Dibromomethane	<3.2		1	05/19/99	
1,2-Dichloropropane	<3.2		1	05/19/99	
Trichloroethene	<3.2		1	05/19/99	
Bromodichloromethane	<3.2		1	05/19/99	
cis-1,3-Dichloropropene	<3.2		1	05/19/99	
trans-1,3-Dichloropropene	<3.2		1	05/19/99	
1,1,2-Trichloroethane	<3.2		1	05/19/99	
Toluene	<3.2		1	05/19/99	
1,3-Dichloropropane	<3.2		1	05/19/99	
Dibromochloromethane	<3.2		1	05/19/99	

- Outside control limits J-Estimated value

Authorized:

Date: May 21, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2479
Samp. Description: SB-2-S-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 61

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample size: 5 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<3.2		1	05/19/99	
Tetrachloroethene	4.1		1	05/19/99	
1,1,1,2-Tetrachloroethane	<3.2		1	05/19/99	
Chlorobenzene	<3.2		1	05/19/99	
Ethylbenzene	<3.2		1	05/19/99	
Bromoform	<3.2		1	05/19/99	
Xylene (total)	<3.2		1	05/19/99	
Styrene	<3.2		1	05/19/99	
1,1,2,2-Tetrachloroethane	<3.2		1	05/19/99	
1,2,3-Trichloropropane	<3.2		1	05/19/99	
Isopropylbenzene	<3.2		1	05/19/99	
Bromobenzene	<3.2		1	05/19/99	
n-Propylbenzene	<3.2		1	05/19/99	
2-Chlorotoluene	<3.2		1	05/19/99	
4-Chlorotoluene	<3.2		1	05/19/99	
1,3,5-Trimethylbenzene	<3.2		1	05/19/99	
tert-Butylbenzene	<3.2		1	05/19/99	
n-Butylbenzene	<3.2		1	05/19/99	
1,2,4-Trimethylbenzene	<3.2		1	05/19/99	
sec-Butylbenzene	<3.2		1	05/19/99	
1,3-Dichlorobenzene	<3.2		1	05/19/99	
1,4-Dichlorobenzene	<3.2		1	05/19/99	
p-Isopropyltoluene	<3.2		1	05/19/99	
1,2-Dichlorobenzene	<3.2		1	05/19/99	
1,2-Dibromo-3-chloropropane	<3.2		1	05/19/99	
1,2,4-Trichlorobenzene	<3.2		1	05/19/99	
Hexachlorobutadiene	<3.2		1	05/19/99	
1,2,3-Trichlorobenzene	<3.2		1	05/19/99	
Dibromofluoromethane (surrogate)	114.%	70-129	1	05/19/99	
1,2-Dichloroethane-d4 (surrogate)	103.%	70-121	1	05/19/99	
Toluene-d8 (surrogate)	94.%	70-124	1	05/19/99	

- Outside control limits J-Estimated value

Authorized:

Date: May 21, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2479
Samp. Description: SB-2-S-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 61

Collected: 05/18/99 Matrix: Solid
Received: 05/18/99 QC Batch: 051999S1
Prepared: 05/19/99 %Solids: 77.5
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Bromofluorobenzene (surrogate)	79.%	72-130	1	05/19/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 21, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2479
Samp. Description: SB-2-S-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
bis(2-Chloroethyl) ether	<430.		1	05/20/99	
Phenol	<430.		1	05/20/99	
2-Chlorophenol	<430.		1	05/20/99	
1,3-Dichlorobenzene	<430.		1	05/20/99	
1,4-Dichlorobenzene	<430.		1	05/20/99	
Benzyl alcohol	<430.		1	05/20/99	
1,2-Dichlorobenzene	<430.		1	05/20/99	
2-Methylphenol	<430.		1	05/20/99	
bis(2-Chloroisopropyl) ether	<430.		1	05/20/99	
4-Methylphenol	<430.		1	05/20/99	
N-Nitroso-di-n-propylamine	<430.		1	05/20/99	
Hexachloroethane	<430.		1	05/20/99	
Nitrobenzene	<430.		1	05/20/99	
Isophorone	<430.		1	05/20/99	
2-Nitrophenol	<430.		1	05/20/99	
2,4-Dimethylphenol	<430.		1	05/20/99	
bis(2-Chloroethoxy) methane	<430.		1	05/20/99	
Benzoic acid	<2200.		1	05/20/99	
2,4-Dichlorophenol	<430.		1	05/20/99	
1,2,4-Trichlorobenzene	<430.		1	05/20/99	
Naphthalene	<430.		1	05/20/99	
4-Chloroaniline	<430.		1	05/20/99	
Hexachlorobutadiene	<430.		1	05/20/99	
4-Chloro-3-methylphenol	<430.		1	05/20/99	
2-Methylnaphthalene	<430.		1	05/20/99	
Hexachlorocyclopentadiene	<430.		1	05/20/99	
2,4,6-Trichlorophenol	<430.		1	05/20/99	
2,4,5-Trichlorophenol	<2200.		1	05/20/99	
2-Chloronaphthalene	<430.		1	05/20/99	

- Outside control limits J-Estimated value

Authorized:

Date: May 20, 1999

Monika Santucci

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2479
Samp. Description: SB-2-S-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
% Solids: 77.5
Sample Size: 30 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
2-Nitroaniline	<2200.		1	05/20/99	
Dimethyl phthalate	<430.		1	05/20/99	
Acenaphthylene	<430.		1	05/20/99	
2,6-Dinitrotoluene	<430.		1	05/20/99	
3-Nitroaniline	<2200.		1	05/20/99	
Acenaphthene	<430.		1	05/20/99	
2,4-Dinitrophenol	<2200.		1	05/20/99	
4-Nitrophenol	<2200.		1	05/20/99	
Dibenzofuran	<430.		1	05/20/99	
2,4-Dinitrotoluene	<430.		1	05/20/99	
Diethyl phthalate	<430.		1	05/20/99	
Fluorene	<430.		1	05/20/99	
4-Chlorophenyl phenyl ether	<430.		1	05/20/99	
4-Nitroaniline	<2200.		1	05/20/99	
4,6-Dinitro-2-methylphenol	<2200.		1	05/20/99	
N-Nitrosodiphenylamine	<430.		1	05/20/99	
4-Bromophenyl phenyl ether	<430.		1	05/20/99	
Hexachlorobenzene	<430.		1	05/20/99	
Pentachlorophenol	<2200.		1	05/20/99	
Phenanthrene	<430.		1	05/20/99	
Anthracene	<430.		1	05/20/99	
Di-n-butyl phthalate	<430.		1	05/20/99	
Fluoranthene	<430.		1	05/20/99	
Pyrene	710.		1	05/20/99	
Butyl benzyl phthalate	<430.		1	05/20/99	
3,3'-Dichlorobenzidine	<860.		1	05/20/99	
Benzo[a]anthracene	<430.		1	05/20/99	
Chrysene	<430.		1	05/20/99	
bis(2-Ethylhexyl)phthalate	<430.		1	05/20/99	
Di-n-octyl phthalate	<430.		1	05/20/99	
Benzo[b]fluoranthene	440.		1	05/20/99	

- Outside control limits J-Estimated value

Authorized: _____
Date: May 20, 1999

Monika Santucci
Monika Santucci

O'Brien & Gere
Laboratories, Inc.

Analytical Results
Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2479
Samp. Description: SB-2-S-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99 Matrix: Solid
Received: 05/18/99 QC Batch: 051999S1
Prepared: 05/19/99 %Solids: 77.5
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k]fluoranthene	<430.		1	05/20/99	
Benzo[a]pyrene	<430.		1	05/20/99	
Indeno[1,2,3-cd]pyrene	<430.		1	05/20/99	
Dibenz[a,h]anthracene	<430.		1	05/20/99	
Benzo[g,h,i]perylene	<430.		1	05/20/99	
Aniline	<430.		1	05/20/99	
2-Fluorophenol (surrogate)	90.%	44-119	1	05/20/99	
Phenol-d5 (surrogate)	96.%	54-120	1	05/20/99	
2,4,6-Tribromophenol (surrogate)	109.%	27-116	1	05/20/99	
Nitrobenzene-d5 (surrogate)	67.%	41-129	1	05/20/99	
2-Fluorobiphenyl (surrogate)	92.%	52-118	1	05/20/99	
Terphenyl-d14 (surrogate)	183.%	# 49-136	1	05/20/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 
Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2480
Samp. Description: SB-6/7-N-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 61

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 87.1
Sample size: 5 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dichlorodifluoromethane	<5.7		1	05/19/99	
Chloromethane	<5.7		1	05/19/99	
Vinyl chloride	<5.7		1	05/19/99	
Bromomethane	<5.7		1	05/19/99	
Chloroethane	<5.7		1	05/19/99	
Trichlorofluoromethane	<5.7		1	05/19/99	
1,1-Dichloroethene	<2.9		1	05/19/99	
Methylene chloride	49.		1	05/19/99	
trans-1,2-Dichloroethene	<2.9		1	05/19/99	
1,1-Dichloroethane	<2.9		1	05/19/99	
cis-1,2-Dichloroethene	<2.9		1	05/19/99	
Bromochloromethane	<2.9		1	05/19/99	
Chloroform	<2.9		1	05/19/99	
2,2-Dichloropropane	<2.9		1	05/19/99	
1,2-Dichloroethane	<2.9		1	05/19/99	
1,1,1-Trichloroethane	<2.9		1	05/19/99	
1,1-Dichloropropene	<2.9		1	05/19/99	
Carbon tetrachloride	<2.9		1	05/19/99	
Benzene	<2.9		1	05/19/99	
Dibromomethane	<2.9		1	05/19/99	
1,2-Dichloropropane	<2.9		1	05/19/99	
Trichloroethene	<2.9		1	05/19/99	
Bromodichloromethane	<2.9		1	05/19/99	
cis-1,3-Dichloropropene	<2.9		1	05/19/99	
trans-1,3-Dichloropropene	<2.9		1	05/19/99	
1,1,2-Trichloroethane	<2.9		1	05/19/99	
Toluene	<2.9		1	05/19/99	
1,3-Dichloropropane	<2.9		1	05/19/99	
Dibromochloromethane	<2.9		1	05/19/99	

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 21, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2480
Samp. Description: SB-6/7-N-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 61

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99

Matrix: Solid
QC Batch: 051999S1
%Solids: 87.1
Sample size: 5 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<2.9		1	05/19/99	
Tetrachloroethene	<2.9		1	05/19/99	
1,1,1,2-Tetrachloroethane	<2.9		1	05/19/99	
Chlorobenzene	<2.9		1	05/19/99	
Ethylbenzene	<2.9		1	05/19/99	
Bromoform	<2.9		1	05/19/99	
Xylene (total)	<2.9		1	05/19/99	
Styrene	<2.9		1	05/19/99	
1,1,2,2-Tetrachloroethane	<2.9		1	05/19/99	
1,2,3-Trichloropropane	<2.9		1	05/19/99	
Isopropylbenzene	<2.9		1	05/19/99	
Bromobenzene	<2.9		1	05/19/99	
n-Propylbenzene	<2.9		1	05/19/99	
2-Chlorotoluene	<2.9		1	05/19/99	
4-Chlorotoluene	<2.9		1	05/19/99	
1,3,5-Trimethylbenzene	<2.9		1	05/19/99	
tert-Butylbenzene	<2.9		1	05/19/99	
n-Butylbenzene	<2.9		1	05/19/99	
1,2,4-Trimethylbenzene	<2.9		1	05/19/99	
sec-Butylbenzene	<2.9		1	05/19/99	
1,3-Dichlorobenzene	<2.9		1	05/19/99	
1,4-Dichlorobenzene	<2.9		1	05/19/99	
p-Isopropyltoluene	<2.9		1	05/19/99	
1,2-Dichlorobenzene	<2.9		1	05/19/99	
1,2-Dibromo-3-chloropropane	<2.9		1	05/19/99	
1,2,4-Trichlorobenzene	<2.9		1	05/19/99	
Hexachlorobutadiene	<2.9		1	05/19/99	
1,2,3-Trichlorobenzene	<2.9		1	05/19/99	
Dibromofluoromethane (surrogate)	110.%	70-129	1	05/19/99	
1,2-Dichloroethane-d4 (surrogate)	98.%	70-121	1	05/19/99	
Toluene-d8 (surrogate)	90.%	70-124	1	05/19/99	

- Outside control limits J-Estimated value

Authorized:

Date: May 21, 1999

Monika Santucci

O'Brien & Gere
Laboratories, Inc.

Analytical Results
Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2480
Samp. Description: SB-6/7-N-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 61

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 87.1
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Bromofluorobenzene (surrogate)	70.%	# 72-130	1	05/19/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 21, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2480
Samp. Description: SB-6/7-N-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 87.1
Sample Size: 30 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
bis(2-Chloroethyl) ether	<760.		2	05/20/99	
Phenol	<760.		2	05/20/99	
2-Chlorophenol	<760.		2	05/20/99	
1,3-Dichlorobenzene	<760.		2	05/20/99	
1,4-Dichlorobenzene	<760.		2	05/20/99	
Benzyl alcohol	<760.		2	05/20/99	
1,2-Dichlorobenzene	<760.		2	05/20/99	
2-Methylphenol	<760.		2	05/20/99	
bis(2-Chloroisopropyl) ether	<760.		2	05/20/99	
4-Methylphenol	<760.		2	05/20/99	
N-Nitroso-di-n-propylamine	<760.		2	05/20/99	
Hexachloroethane	<760.		2	05/20/99	
Nitrobenzene	<760.		2	05/20/99	
Isophorone	<760.		2	05/20/99	
2-Nitrophenol	<760.		2	05/20/99	
2,4-Dimethylphenol	<760.		2	05/20/99	
bis(2-Chloroethoxy) methane	<760.		2	05/20/99	
Benzoic acid	<3800.		2	05/20/99	
2,4-Dichlorophenol	<760.		2	05/20/99	
1,2,4-Trichlorobenzene	<760.		2	05/20/99	
Naphthalene	<760.		2	05/20/99	
4-Chloroaniline	<760.		2	05/20/99	
Hexachlorobutadiene	<760.		2	05/20/99	
4-Chloro-3-methylphenol	<760.		2	05/20/99	
2-Methylnaphthalene	<760.		2	05/20/99	
Hexachlorocyclopentadiene	<760.		2	05/20/99	
2,4,6-Trichlorophenol	<760.		2	05/20/99	
2,4,5-Trichlorophenol	<3800.		2	05/20/99	
2-Chloronaphthalene	<760.		2	05/20/99	

- Outside control limits J-Estimated value

Authorized: 
Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2480
Samp. Description: SB-6/7-N-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 87.1
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<3800.	2	05/20/99
Dimethyl phthalate	<760.	2	05/20/99
Acenaphthylene	<760.	2	05/20/99
2,6-Dinitrotoluene	<760.	2	05/20/99
3-Nitroaniline	<3800.	2	05/20/99
Acenaphthene	<760.	2	05/20/99
2,4-Dinitrophenol	<3800.	2	05/20/99
4-Nitrophenol	<3800.	2	05/20/99
Dibenzofuran	<760.	2	05/20/99
2,4-Dinitrotoluene	<760.	2	05/20/99
Diethyl phthalate	<760.	2	05/20/99
Fluorene	<760.	2	05/20/99
4-Chlorophenyl phenyl ether	<760.	2	05/20/99
4-Nitroaniline	<3800.	2	05/20/99
4,6-Dinitro-2-methylphenol	<3800.	2	05/20/99
N-Nitrosodiphenylamine	<760.	2	05/20/99
4-Bromophenyl phenyl ether	<760.	2	05/20/99
Hexachlorobenzene	<760.	2	05/20/99
Pentachlorophenol	<3800.	2	05/20/99
Phenanthrene	2600.	2	05/20/99
Anthracene	<760.	2	05/20/99
Di-n-butyl phthalate	<760.	2	05/20/99
Fluoranthene	2800.	2	05/20/99
Pyrene	5800.	2	05/20/99
Butyl benzyl phthalate	<760.	2	05/20/99
3,3'-Dichlorobenzidine	<1500.	2	05/20/99
Benzo[a]anthracene	1900.	2	05/20/99
Chrysene	2100.	2	05/20/99
bis(2-Ethylhexyl)phthalate	2100.	2	05/20/99
Di-n-octyl phthalate	<760.	2	05/20/99
Benzo[b]fluoranthene	2400.	2	05/20/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 20, 1999
Monika Santucci

O'Brien & Gere
Laboratories, Inc.

Analytical Results
Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2480
Samp. Description: SB-6/7-N-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 87.1
Sample Size: 30 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Benzo[k]fluoranthene	960.		2	05/20/99	
Benzo[a]pyrene	1900.		2	05/20/99	
Indeno[1,2,3-cd]pyrene	1000.		2	05/20/99	
Dibenz[a,h]anthracene	<760.		2	05/20/99	
Benzo[g,h,i]perylene	1300.		2	05/20/99	
Aniline	<760.		2	05/20/99	
2-Fluorophenol (surrogate)	91.%	44-119	2	05/20/99	
Phenol-d5 (surrogate)	96.%	54-120	2	05/20/99	
2,4,6-Tribromophenol (surrogate)	93.%	27-116	2	05/20/99	
Nitrobenzene-d5 (surrogate)	71.%	41-129	2	05/20/99	
2-Fluorobiphenyl (surrogate)	93.%	52-118	2	05/20/99	
Terphenyl-d14 (surrogate)	183.%	# 49-136	2	05/20/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 

Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481
Samp. Description: SB-2-W-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample size: 5 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dichlorodifluoromethane	<6.5		1	05/19/99	
Chloromethane	<6.5		1	05/19/99	
Vinyl chloride	<6.5		1	05/19/99	
Bromomethane	<6.5		1	05/19/99	
Chloroethane	<6.5		1	05/19/99	
Trichlorofluoromethane	<6.5		1	05/19/99	
1,1-Dichloroethene	<3.2		1	05/19/99	
Methylene chloride	30.		1	05/19/99	
trans-1,2-Dichloroethene	5.6		1	05/19/99	
1,1-Dichloroethane	<3.2		1	05/19/99	
cis-1,2-Dichloroethene	70.		1	05/19/99	
Bromochloromethane	<3.2		1	05/19/99	
Chloroform	<3.2		1	05/19/99	
2,2-Dichloropropane	<3.2		1	05/19/99	
1,2-Dichloroethane	<3.2		1	05/19/99	
1,1,1-Trichloroethane	<3.2		1	05/19/99	
1,1-Dichloropropene	<3.2		1	05/19/99	
Carbon tetrachloride	<3.2		1	05/19/99	
Benzene	7.0		1	05/19/99	
Dibromomethane	<3.2		1	05/19/99	
1,2-Dichloropropane	<3.2		1	05/19/99	
Trichloroethene	140.		1	05/19/99	
Bromodichloromethane	<3.2		1	05/19/99	
cis-1,3-Dichloropropene	<3.2		1	05/19/99	
trans-1,3-Dichloropropene	<3.2		1	05/19/99	
1,1,2-Trichloroethane	<3.2		1	05/19/99	
Toluene	4.6		1	05/19/99	
1,3-Dichloropropane	<3.2		1	05/19/99	
Dibromochloromethane	<3.2		1	05/19/99	

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481
Samp. Description: SB-2-W-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample size: 5 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
1,2-Dibromoethane	<3.2		1	05/19/99	
Tetrachloroethene	1700.		1	05/19/99	E
1,1,1,2-Tetrachloroethane	<3.2		1	05/19/99	
Chlorobenzene	<3.2		1	05/19/99	
Ethylbenzene	<3.2		1	05/19/99	
Bromoform	<3.2		1	05/19/99	
Xylene (total)	5.1		1	05/19/99	
Styrene	5.0		1	05/19/99	
1,1,2,2-Tetrachloroethane	<3.2		1	05/19/99	
1,2,3-Trichloropropane	<3.2		1	05/19/99	
Isopropylbenzene	<3.2		1	05/19/99	
Bromobenzene	<3.2		1	05/19/99	
n-Propylbenzene	<3.2		1	05/19/99	
2-Chlorotoluene	<3.2		1	05/19/99	
4-Chlorotoluene	<3.2		1	05/19/99	
1,3,5-Trimethylbenzene	4.3		1	05/19/99	
tert-Butylbenzene	<3.2		1	05/19/99	
n-Butylbenzene	<3.2		1	05/19/99	
1,2,4-Trimethylbenzene	4.4		1	05/19/99	
sec-Butylbenzene	<3.2		1	05/19/99	
1,3-Dichlorobenzene	<3.2		1	05/19/99	
1,4-Dichlorobenzene	<3.2		1	05/19/99	
p-Isopropyltoluene	<3.2		1	05/19/99	
1,2-Dichlorobenzene	<3.2		1	05/19/99	
1,2-Dibromo-3-chloropropane	<3.2		1	05/19/99	
1,2,4-Trichlorobenzene	<3.2		1	05/19/99	
Hexachlorobutadiene	<3.2		1	05/19/99	
1,2,3-Trichlorobenzene	<3.2		1	05/19/99	
Dibromofluoromethane (surrogate)	110.%	70-129	1	05/19/99	
1,2-Dichloroethane-d4 (surrogate)	97.%	70-121	1	05/19/99	

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 20, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481
Samp. Description: SB-2-W-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/18/99 Matrix: Solid
Received: 05/18/99 QC Batch: 051999S1
Prepared: 05/19/99 %Solids: 77.5
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	82.%	70-124	1	05/19/99	
Bromofluorobenzene (surrogate)	60.%	# 72-130	1	05/19/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

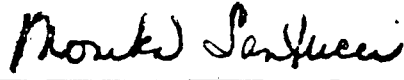
Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481DL
Samp. Description: SB-2-W-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/20/99
Matrix: Solid
QC Batch: 052099S1
%Solids: 77.5
Sample size: .6 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dichlorodifluoromethane	<54.		1	05/20/99	
Chloromethane	<54.		1	05/20/99	
Vinyl chloride	<54.		1	05/20/99	
Bromomethane	<54.		1	05/20/99	
Chloroethane	<54.		1	05/20/99	
Trichlorofluoromethane	<54.		1	05/20/99	
1,1-Dichloroethene	<27.		1	05/20/99	
Methylene chloride	<54.		1	05/20/99	
trans-1,2-Dichloroethene	<27.		1	05/20/99	
1,1-Dichloroethane	<27.		1	05/20/99	
cis-1,2-Dichloroethene	46.		1	05/20/99	
Bromochloromethane	<27.		1	05/20/99	
Chloroform	<27.		1	05/20/99	
2,2-Dichloropropane	<27.		1	05/20/99	
1,2-Dichloroethane	<27.		1	05/20/99	
1,1,1-Trichloroethane	<27.		1	05/20/99	
1,1-Dichloropropene	<27.		1	05/20/99	
Carbon tetrachloride	<27.		1	05/20/99	
Benzene	<27.		1	05/20/99	
Dibromomethane	<27.		1	05/20/99	
1,2-Dichloropropane	<27.		1	05/20/99	
Trichloroethene	110.		1	05/20/99	
Bromodichloromethane	<27.		1	05/20/99	
cis-1,3-Dichloropropene	<27.		1	05/20/99	
trans-1,3-Dichloropropene	<27.		1	05/20/99	
1,1,2-Trichloroethane	<27.		1	05/20/99	
Toluene	<27.		1	05/20/99	
1,3-Dichloropropane	<27.		1	05/20/99	
Dibromochloromethane	<27.		1	05/20/99	

- Outside control limits J-Estimated value

Authorized: 
Date: May 21, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481DL
Samp. Description: SB-2-W-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/20/99

Matrix: Solid
QC Batch: 052099S1
%Solids: 77.5
Sample size: .6 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<27.		1	05/20/99	
Tetrachloroethene	1000.		1	05/20/99	
1,1,1,2-Tetrachloroethane	<27.		1	05/20/99	
Chlorobenzene	<27.		1	05/20/99	
Ethylbenzene	<27.		1	05/20/99	
Bromoform	<27.		1	05/20/99	
Xylene (total)	<27.		1	05/20/99	
Styrene	<27.		1	05/20/99	
1,1,2,2-Tetrachloroethane	<27.		1	05/20/99	
1,2,3-Trichloropropane	<27.		1	05/20/99	
Isopropylbenzene	<27.		1	05/20/99	
Bromobenzene	<27.		1	05/20/99	
n-Propylbenzene	<27.		1	05/20/99	
2-Chlorotoluene	<27.		1	05/20/99	
4-Chlorotoluene	<27.		1	05/20/99	
1,3,5-Trimethylbenzene	<27.		1	05/20/99	
tert-Butylbenzene	<27.		1	05/20/99	
n-Butylbenzene	<27.		1	05/20/99	
1,2,4-Trimethylbenzene	<27.		1	05/20/99	
sec-Butylbenzene	<27.		1	05/20/99	
1,3-Dichlorobenzene	<27.		1	05/20/99	
1,4-Dichlorobenzene	<27.		1	05/20/99	
p-Isopropyltoluene	<27.		1	05/20/99	
1,2-Dichlorobenzene	<27.		1	05/20/99	
1,2-Dibromo-3-chloropropane	<27.		1	05/20/99	
1,2,4-Trichlorobenzene	<27.		1	05/20/99	
Naphthalene	<27.		1	05/20/99	
Hexachlorobutadiene	<27.		1	05/20/99	
1,2,3-Trichlorobenzene	<27.		1	05/20/99	
Dibromofluoromethane (surrogate)	102.%	70-129	1	05/20/99	
1,2-Dichloroethane-d4 (surrogate)	96.%	70-121	1	05/20/99	

- Outside control limits J-Estimated value

Authorized: 
Date: May 21, 1999

Monika Santucci

O'Brien & Gere
Laboratories, Inc.

Analytical Results
Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481DL
Samp. Description: SB-2-W-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/20/99
Matrix: Solid
QC Batch: 052099S1
%Solids: 77.5
Sample size: .6 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Toluene-d8 (surrogate)	95.%	70-124	1	05/20/99	
Bromofluorobenzene (surrogate)	79.%	72-130	1	05/20/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 21, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481
Samp. Description: SB-2-W-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis(2-Chloroethyl) ether	<2100.	5	05/19/99
Phenol	<2100.	5	05/19/99
2-Chlorophenol	<2100.	5	05/19/99
1,3-Dichlorobenzene	<2100.	5	05/19/99
1,4-Dichlorobenzene	<2100.	5	05/19/99
Benzyl alcohol	<2100.	5	05/19/99
1,2-Dichlorobenzene	<2100.	5	05/19/99
2-Methylphenol	<2100.	5	05/19/99
bis(2-Chloroisopropyl) ether	<2100.	5	05/19/99
4-Methylphenol	<2100.	5	05/19/99
N-Nitroso-di-n-propylamine	<2100.	5	05/19/99
Hexachloroethane	<2100.	5	05/19/99
Nitrobenzene	<2100.	5	05/19/99
Isophorone	<2100.	5	05/19/99
2-Nitrophenol	<2100.	5	05/19/99
2,4-Dimethylphenol	<2100.	5	05/19/99
bis(2-Chloroethoxy) methane	<2100.	5	05/19/99
Benzoic acid	<11000.	5	05/19/99
2,4-Dichlorophenol	<2100.	5	05/19/99
1,2,4-Trichlorobenzene	<2100.	5	05/19/99
Naphthalene	3600.	5	05/19/99
4-Chloroaniline	<2100.	5	05/19/99
Hexachlorobutadiene	<2100.	5	05/19/99
4-Chloro-3-methylphenol	<2100.	5	05/19/99
2-Methylnaphthalene	<2100.	5	05/19/99
Hexachlorocyclopentadiene	<2100.	5	05/19/99
2,4,6-Trichlorophenol	<2100.	5	05/19/99
2,4,5-Trichlorophenol	<11000.	5	05/19/99
2-Chloronaphthalene	<2100.	5	05/19/99

- Outside control limits J-Estimated value

Authorized:

Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481
Samp. Description: SB-2-W-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
2-Nitroaniline	<11000.		5	05/19/99	
Dimethyl phthalate	<2100.		5	05/19/99	
Acenaphthylene	<2100.		5	05/19/99	
2,6-Dinitrotoluene	<2100.		5	05/19/99	
3-Nitroaniline	<11000.		5	05/19/99	
Acenaphthene	<2100.		5	05/19/99	
2,4-Dinitrophenol	<11000.		5	05/19/99	
4-Nitrophenol	<11000.		5	05/19/99	
Dibenzofuran	<2100.		5	05/19/99	
2,4-Dinitrotoluene	<2100.		5	05/19/99	
Diethyl phthalate	<2100.		5	05/19/99	
Fluorene	<2100.		5	05/19/99	
4-Chlorophenyl phenyl ether	<2100.		5	05/19/99	
4-Nitroaniline	<11000.		5	05/19/99	
4,6-Dinitro-2-methylphenol	<11000.		5	05/19/99	
N-Nitrosodiphenylamine	<2100.		5	05/19/99	
4-Bromophenyl phenyl ether	<2100.		5	05/19/99	
Hexachlorobenzene	<2100.		5	05/19/99	
Pentachlorophenol	<11000.		5	05/19/99	
Phenanthrene	6100.		5	05/19/99	
Anthracene	2200.		5	05/19/99	
Di-n-butyl phthalate	<2100.		5	05/19/99	
Fluoranthene	11000.		5	05/19/99	
Pyrene	18000.		5	05/19/99	
Butyl benzyl phthalate	<2100.		5	05/19/99	
3,3'-Dichlorobenzidine	<4300.		5	05/19/99	
Benzo[a]anthracene	7500.		5	05/19/99	
Chrysene	7100.		5	05/19/99	
bis(2-Ethylhexyl)phthalate	<2100.		5	05/19/99	
Di-n-octyl phthalate	<2100.		5	05/19/99	
Benzo[b]fluoranthene	9000.		5	05/19/99	

- Outside control limits J-Estimated value

Authorized: 
Date: May 20, 1999

Monika Santucci

O'Brien & Gere
Laboratories, Inc.

Analytical Results
Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481
Samp. Description: SB-2-W-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k]fluoranthene	3600.		5	05/19/99	
Benzo[a]pyrene	8000.		5	05/19/99	
Indeno[1,2,3-cd]pyrene	4000.		5	05/19/99	
Dibenz[a,h]anthracene	<2100.		5	05/19/99	
Benzo[g,h,i]perylene	4900.		5	05/19/99	
Aniline	<2100.		5	05/19/99	
2-Fluorophenol (surrogate)	83.%	44-119	5	05/19/99	
Phenol-d5 (surrogate)	91.%	54-120	5	05/19/99	
2,4,6-Tribromophenol (surrogate)	88.%	27-116	5	05/19/99	
Nitrobenzene-d5 (surrogate)	64.%	41-129	5	05/19/99	
2-Fluorobiphenyl (surrogate)	88.%	52-118	5	05/19/99	
Terphenyl-d14 (surrogate)	155.%	# 49-136	5	05/19/99	

Notes:

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481DL
Samp. Description: SB-2-W-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample Size: 30 g

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
bis(2-Chloroethyl) ether	<4300.		10	05/20/99
Phenol	<4300.		10	05/20/99
2-Chlorophenol	<4300.		10	05/20/99
1,3-Dichlorobenzene	<4300.		10	05/20/99
1,4-Dichlorobenzene	<4300.		10	05/20/99
Benzyl alcohol	<4300.		10	05/20/99
1,2-Dichlorobenzene	<4300.		10	05/20/99
2-Methylphenol	<4300.		10	05/20/99
bis(2-Chloroisopropyl) ether	<4300.		10	05/20/99
4-Methylphenol	<4300.		10	05/20/99
N-Nitroso-di-n-propylamine	<4300.		10	05/20/99
Hexachloroethane	<4300.		10	05/20/99
Nitrobenzene	<4300.		10	05/20/99
Isophorone	<4300.		10	05/20/99
2-Nitrophenol	<4300.		10	05/20/99
2,4-Dimethylphenol	<4300.		10	05/20/99
bis(2-Chloroethoxy) methane	<4300.		10	05/20/99
Benzoic acid	<22000.		10	05/20/99
2,4-Dichlorophenol	<4300.		10	05/20/99
1,2,4-Trichlorobenzene	<4300.		10	05/20/99
Naphthalene	<4300.		10	05/20/99
4-Chloroaniline	<4300.		10	05/20/99
Hexachlorobutadiene	<4300.		10	05/20/99
4-Chloro-3-methylphenol	<4300.		10	05/20/99
2-Methylnaphthalene	<4300.		10	05/20/99
Hexachlorocyclopentadiene	<4300.		10	05/20/99
2,4,6-Trichlorophenol	<4300.		10	05/20/99
2,4,5-Trichlorophenol	<22000.		10	05/20/99
2-Chloronaphthalene	<4300.		10	05/20/99

- Outside control limits J-Estimated value

Authorized:

Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481DL
Samp. Description: SB-2-W-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample Size: 30 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
2-Nitroaniline	<22000.		10	05/20/99	
Dimethyl phthalate	<4300.		10	05/20/99	
Acenaphthylene	<4300.		10	05/20/99	
2,6-Dinitrotoluene	<4300.		10	05/20/99	
3-Nitroaniline	<22000.		10	05/20/99	
Acenaphthene	<4300.		10	05/20/99	
2,4-Dinitrophenol	<22000.		10	05/20/99	
4-Nitrophenol	<22000.		10	05/20/99	
Dibenzofuran	<4300.		10	05/20/99	
2,4-Dinitrotoluene	<4300.		10	05/20/99	
Diethyl phthalate	<4300.		10	05/20/99	
Fluorene	<4300.		10	05/20/99	
4-Chlorophenyl phenyl ether	<4300.		10	05/20/99	
4-Nitroaniline	<22000.		10	05/20/99	
4,6-Dinitro-2-methylphenol	<22000.		10	05/20/99	
N-Nitrosodiphenylamine	<4300.		10	05/20/99	
4-Bromophenyl phenyl ether	<4300.		10	05/20/99	
Hexachlorobenzene	<4300.		10	05/20/99	
Pentachlorophenol	<22000.		10	05/20/99	
Phenanthrene	6000.		10	05/20/99	
Anthracene	<4300.		10	05/20/99	
Di-n-butyl phthalate	<4300.		10	05/20/99	
Fluoranthene	11000.		10	05/20/99	
Pyrene	19000.		10	05/20/99	
Butyl benzyl phthalate	<4300.		10	05/20/99	
3,3'-Dichlorobenzidine	<8600.		10	05/20/99	
Benzo[a]anthracene	7500.		10	05/20/99	
Chrysene	7100.		10	05/20/99	
bis(2-Ethylhexyl)phthalate	<4300.		10	05/20/99	
Di-n-octyl phthalate	<4300.		10	05/20/99	
Benzo[b]fluoranthene	11000.		10	05/20/99	

- Outside control limits J-Estimated value

Authorized: Monika Sanmucci
Date: May 20, 1999

Monika Sanmucci

O'Brien & Gere
Laboratories, Inc.

Analytical Results
Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2481DL
Samp. Description: SB-2-W-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 77.5
Sample Size: 30 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Benzo[k] fluoranthene	<4300.		10	05/20/99	
Benzo[a]pyrene	8400.		10	05/20/99	
Indeno[1,2,3-cd]pyrene	<4300.		10	05/20/99	
Dibenz[a,h]anthracene	<4300.		10	05/20/99	
Benzo[g,h,i]perylene	4900.		10	05/20/99	
Aniline	<4300.		10	05/20/99	
2-Fluorophenol (surrogate)	85.%	44-119	10	05/20/99	
Phenol-d5 (surrogate)	94.%	54-120	10	05/20/99	
2,4,6-Tribromophenol (surrogate)	89.%	27-116	10	05/20/99	
Nitrobenzene-d5 (surrogate)	65.%	41-129	10	05/20/99	
2-Fluorobiphenyl (surrogate)	86.%	52-118	10	05/20/99	
Terphenyl-d14 (surrogate)	160.%	# 49-136	10	05/20/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 

Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2482
Samp. Description: SB-2-N-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 61

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 79.1
Sample size: 5 g

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Dichlorodifluoromethane	<6.3		1	05/19/99
Chloromethane	<6.3		1	05/19/99
Vinyl chloride	<6.3		1	05/19/99
Bromomethane	<6.3		1	05/19/99
Chloroethane	<6.3		1	05/19/99
Trichlorofluoromethane	<6.3		1	05/19/99
1,1-Dichloroethene	<3.2		1	05/19/99
Methylene chloride	65.		1	05/19/99
trans-1,2-Dichloroethene	<3.2		1	05/19/99
1,1-Dichloroethane	<3.2		1	05/19/99
cis-1,2-Dichloroethene	<3.2		1	05/19/99
Bromochloromethane	<3.2		1	05/19/99
Chloroform	<3.2		1	05/19/99
2,2-Dichloropropane	<3.2		1	05/19/99
1,2-Dichloroethane	<3.2		1	05/19/99
1,1,1-Trichloroethane	<3.2		1	05/19/99
1,1-Dichloropropene	<3.2		1	05/19/99
Carbon tetrachloride	<3.2		1	05/19/99
Benzene	4.2		1	05/19/99
Dibromomethane	<3.2		1	05/19/99
1,2-Dichloropropane	<3.2		1	05/19/99
Trichloroethene	<3.2		1	05/19/99
Bromodichloromethane	<3.2		1	05/19/99
cis-1,3-Dichloropropene	<3.2		1	05/19/99
trans-1,3-Dichloropropene	<3.2		1	05/19/99
1,1,2-Trichloroethane	<3.2		1	05/19/99
Toluene	3.3		1	05/19/99
1,3-Dichloropropane	<3.2		1	05/19/99
Dibromochloromethane	<3.2		1	05/19/99

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 21, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

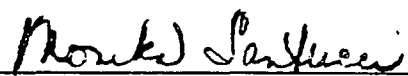
Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2482
Samp. Description: SB-2-N-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 61

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 79.1
Sample size: 5 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<3.2		1	05/19/99	
Tetrachloroethene	<3.2		1	05/19/99	
1,1,1,2-Tetrachloroethane	<3.2		1	05/19/99	
Chlorobenzene	<3.2		1	05/19/99	
Ethylbenzene	<3.2		1	05/19/99	
Bromoform	<3.2		1	05/19/99	
Xylene (total)	4.3		1	05/19/99	
Styrene	4.9		1	05/19/99	
1,1,2,2-Tetrachloroethane	<3.2		1	05/19/99	
1,2,3-Trichloropropane	<3.2		1	05/19/99	
Isopropylbenzene	<3.2		1	05/19/99	
Bromobenzene	<3.2		1	05/19/99	
n-Propylbenzene	<3.2		1	05/19/99	
2-Chlorotoluene	<3.2		1	05/19/99	
4-Chlorotoluene	<3.2		1	05/19/99	
1,3,5-Trimethylbenzene	3.4		1	05/19/99	
tert-Butylbenzene	<3.2		1	05/19/99	
n-Butylbenzene	<3.2		1	05/19/99	
1,2,4-Trimethylbenzene	3.6		1	05/19/99	
sec-Butylbenzene	<3.2		1	05/19/99	
1,3-Dichlorobenzene	<3.2		1	05/19/99	
1,4-Dichlorobenzene	<3.2		1	05/19/99	
p-Isopropyltoluene	<3.2		1	05/19/99	
1,2-Dichlorobenzene	<3.2		1	05/19/99	
1,2-Dibromo-3-chloropropane	<3.2		1	05/19/99	
1,2,4-Trichlorobenzene	<3.2		1	05/19/99	
Hexachlorobutadiene	<3.2		1	05/19/99	
1,2,3-Trichlorobenzene	<3.2		1	05/19/99	
Dibromofluoromethane (surrogate)	115.%	70-129	1	05/19/99	
1,2-Dichloroethane-d4 (surrogate)	104.%	70-121	1	05/19/99	
Toluene-d8 (surrogate)	80.%	70-124	1	05/19/99	

- Outside control limits J-Estimated value

Authorized: 

Date: May 21, 1999

Monika Sanmucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2482
Samp. Description: SB-2-N-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 61

Collected: 05/18/99 Matrix: Solid
Received: 05/18/99 QC Batch: 051999S1
Prepared: 05/19/99 %Solids: 79.1
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Bromofluorobenzene (surrogate)	64.%	# 72-130	1	05/19/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 21, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2482
Samp. Description: SB-2-N-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 79.1
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis(2-Chloroethyl) ether	<2100.	5	05/19/99
Phenol	<2100.	5	05/19/99
2-Chlorophenol	<2100.	5	05/19/99
1,3-Dichlorobenzene	<2100.	5	05/19/99
1,4-Dichlorobenzene	<2100.	5	05/19/99
Benzyl alcohol	<2100.	5	05/19/99
1,2-Dichlorobenzene	<2100.	5	05/19/99
2-Methylphenol	<2100.	5	05/19/99
bis(2-Chloroisopropyl) ether	<2100.	5	05/19/99
4-Methylphenol	<2100.	5	05/19/99
N-Nitroso-di-n-propylamine	<2100.	5	05/19/99
Hexachloroethane	<2100.	5	05/19/99
Nitrobenzene	<2100.	5	05/19/99
Isophorone	<2100.	5	05/19/99
2-Nitrophenol	<2100.	5	05/19/99
2,4-Dimethylphenol	<2100.	5	05/19/99
bis(2-Chloroethoxy) methane	<2100.	5	05/19/99
Benzoic acid	<11000.	5	05/19/99
2,4-Dichlorophenol	<2100.	5	05/19/99
1,2,4-Trichlorobenzene	<2100.	5	05/19/99
Naphthalene	9800.	5	05/19/99
4-Chloroaniline	<2100.	5	05/19/99
Hexachlorobutadiene	<2100.	5	05/19/99
4-Chloro-3-methylphenol	<2100.	5	05/19/99
2-Methylnaphthalene	<2100.	5	05/19/99
Hexachlorocyclopentadiene	<2100.	5	05/19/99
2,4,6-Trichlorophenol	<2100.	5	05/19/99
2,4,5-Trichlorophenol	<11000.	5	05/19/99
2-Chloronaphthalene	<2100.	5	05/19/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2482
Samp. Description: SB-2-N-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
%Solids: 79.1
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
2-Nitroaniline	<11000.		5	05/19/99	
Dimethyl phthalate	<2100.		5	05/19/99	
Acenaphthylene	<2100.		5	05/19/99	
2,6-Dinitrotoluene	<2100.		5	05/19/99	
3-Nitroaniline	<11000.		5	05/19/99	
Acenaphthene	<2100.		5	05/19/99	
2,4-Dinitrophenol	<11000.		5	05/19/99	
4-Nitrophenol	<11000.		5	05/19/99	
Dibenzofuran	<2100.		5	05/19/99	
2,4-Dinitrotoluene	<2100.		5	05/19/99	
Diethyl phthalate	<2100.		5	05/19/99	
Fluorene	<2100.		5	05/19/99	
4-Chlorophenyl phenyl ether	<2100.		5	05/19/99	
4-Nitroaniline	<11000.		5	05/19/99	
4,6-Dinitro-2-methylphenol	<11000.		5	05/19/99	
N-Nitrosodiphenylamine	<2100.		5	05/19/99	
4-Bromophenyl phenyl ether	<2100.		5	05/19/99	
Hexachlorobenzene	<2100.		5	05/19/99	
Pentachlorophenol	<11000.		5	05/19/99	
Phenanthrene	8400.		5	05/19/99	
Anthracene	3000.		5	05/19/99	
Di-n-butyl phthalate	<2100.		5	05/19/99	
Fluoranthene	19000.	E	5	05/19/99	
Pyrene	39000.	E	5	05/19/99	
Butyl benzyl phthalate	<2100.		5	05/19/99	
3,3'-Dichlorobenzidine	<4200.		5	05/19/99	
Benzo[a]anthracene	12000.		5	05/19/99	
Chrysene	12000.		5	05/19/99	
bis(2-Ethylhexyl)phthalate	<2100.		5	05/19/99	
Di-n-octyl phthalate	<2100.		5	05/19/99	
Benzo[b]fluoranthene	12000.		5	05/19/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 20, 1999
Monika Santucci

O'Brien & Gere
Laboratories, Inc.

Analytical Results
Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2482
Samp. Description: SB-2-N-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99 Matrix: Solid
Received: 05/18/99 QC Batch: 051999S1
Prepared: 05/19/99 %Solids: 79.1
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k] fluoranthene	3600.		5	05/19/99	
Benzo[a]pyrene	8200.		5	05/19/99	
Indeno[1,2,3-cd]pyrene	4700.		5	05/19/99	
Dibenz[a,h]anthracene	<2100.		5	05/19/99	
Benzo[g,h,i]perylene	5300.		5	05/19/99	
Aniline	<2100.		5	05/19/99	
2-Fluorophenol (surrogate)	84.%	44-119	5	05/19/99	
Phenol-d5 (surrogate)	90.%	54-120	5	05/19/99	
2,4,6-Tribromophenol (surrogate)	88.%	27-116	5	05/19/99	
Nitrobenzene-d5 (surrogate)	67.%	41-129	5	05/19/99	
2-Fluorobiphenyl (surrogate)	88.%	52-118	5	05/19/99	
Terphenyl-d14 (surrogate)	195.%	# 49-136	5	05/19/99	

Notes:

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*

Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2482DL
Samp. Description: SB-2-N-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
% Solids: 79.1
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis (2-Chloroethyl) ether	<11000.	25	05/20/99
Phenol	<11000.	25	05/20/99
2-Chlorophenol	<11000.	25	05/20/99
1,3-Dichlorobenzene	<11000.	25	05/20/99
1,4-Dichlorobenzene	<11000.	25	05/20/99
Benzyl alcohol	<11000.	25	05/20/99
1,2-Dichlorobenzene	<11000.	25	05/20/99
2-Methylphenol	<11000.	25	05/20/99
bis (2-Chloroisopropyl) ether	<11000.	25	05/20/99
4-Methylphenol	<11000.	25	05/20/99
N-Nitroso-di-n-propylamine	<11000.	25	05/20/99
Hexachloroethane	<11000.	25	05/20/99
Nitrobenzene	<11000.	25	05/20/99
Isophorone	<11000.	25	05/20/99
2-Nitrophenol	<11000.	25	05/20/99
2,4-Dimethylphenol	<11000.	25	05/20/99
bis (2-Chloroethoxy) methane	<11000.	25	05/20/99
Benzoic acid	<53000.	25	05/20/99
2,4-Dichlorophenol	<11000.	25	05/20/99
1,2,4-Trichlorobenzene	<11000.	25	05/20/99
Naphthalene	<11000.	25	05/20/99
4-Chloroaniline	<11000.	25	05/20/99
Hexachlorobutadiene	<11000.	25	05/20/99
4-Chloro-3-methylphenol	<11000.	25	05/20/99
2-Methylnaphthalene	<11000.	25	05/20/99
Hexachlorocyclopentadiene	<11000.	25	05/20/99
2,4,6-Trichlorophenol	<11000.	25	05/20/99
2,4,5-Trichlorophenol	<53000.	25	05/20/99
2-Chloronaphthalene	<11000.	25	05/20/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

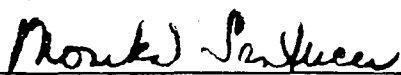
Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2482DL
Samp. Description: SB-2-N-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
% Solids: 79.1
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<53000.	25	05/20/99
Dimethyl phthalate	<11000.	25	05/20/99
Acenaphthylene	<11000.	25	05/20/99
2,6-Dinitrotoluene	<11000.	25	05/20/99
3-Nitroaniline	<53000.	25	05/20/99
Acenaphthene	<11000.	25	05/20/99
2,4-Dinitrophenol	<53000.	25	05/20/99
4-Nitrophenol	<53000.	25	05/20/99
Dibenzofuran	<11000.	25	05/20/99
2,4-Dinitrotoluene	<11000.	25	05/20/99
Diethyl phthalate	<11000.	25	05/20/99
Fluorene	<11000.	25	05/20/99
4-Chlorophenyl phenyl ether	<11000.	25	05/20/99
4-Nitroaniline	<53000.	25	05/20/99
4,6-Dinitro-2-methylphenol	<53000.	25	05/20/99
N-Nitrosodiphenylamine	<11000.	25	05/20/99
4-Bromophenyl phenyl ether	<11000.	25	05/20/99
Hexachlorobenzene	<11000.	25	05/20/99
Pentachlorophenol	<53000.	25	05/20/99
Phenanthrene	<11000.	25	05/20/99
Anthracene	<11000.	25	05/20/99
Di-n-butyl phthalate	<11000.	25	05/20/99
Fluoranthene	24000.	25	05/20/99
Pyrene	24000.	25	05/20/99
Butyl benzyl phthalate	<11000.	25	05/20/99
3,3'-Dichlorobenzidine	<21000.	25	05/20/99
Benzo[a]anthracene	12000.	25	05/20/99
Chrysene	13000.	25	05/20/99
bis(2-Ethylhexyl)phthalate	<11000.	25	05/20/99
Di-n-octyl phthalate	<11000.	25	05/20/99
Benzo[b]fluoranthene	12000.	25	05/20/99

- Outside control limits J-Estimated value

Authorized: 
Date: May 20, 1999

Monika Santucci

O'Brien & Gere
Laboratories, Inc.

Analytical Results
Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2482DL
Samp. Description: SB-2-N-2
Instrument: HP5972A GCMS#5
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/18/99
Received: 05/18/99
Prepared: 05/19/99
Matrix: Solid
QC Batch: 051999S1
% Solids: 79.1
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k] fluoranthene	<11000.		25	05/20/99	
Benzo[a]pyrene	<11000.		25	05/20/99	
Indeno[1,2,3-cd]pyrene	<11000.		25	05/20/99	
Dibenz[a,h]anthracene	<11000.		25	05/20/99	
Benzo[g,h,i]perylene	<11000.		25	05/20/99	
Aniline	<11000.		25	05/20/99	
2-Fluorophenol (surrogate)	85.%	44-119	25	05/20/99	
Phenol-d5 (surrogate)	94.%	54-120	25	05/20/99	
2,4,6-Tribromophenol (surrogate)	89.%	27-116	25	05/20/99	
Nitrobenzene-d5 (surrogate)	69.%	41-129	25	05/20/99	
2-Fluorobiphenyl (surrogate)	87.%	52-118	25	05/20/99	
Terphenyl-d14 (surrogate)	114.%	49-136	25	05/20/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 
Date: May 20, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2662
Samp. Description: SB-6/7-S-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/20/99
Received: 05/20/99
Prepared: 05/24/99

Matrix: Solid
QC Batch: 052499S1
%Solids: 85.8
Sample size: 5 g

Parameter	Result	Surrog		Notes
		Limits	Dilution	
Dichlorodifluoromethane	<5.8		1	05/24/99
Chloromethane	<5.8		1	05/24/99
Vinyl chloride	<5.8		1	05/24/99
Bromomethane	<5.8		1	05/24/99
Chloroethane	<5.8		1	05/24/99
Trichlorofluoromethane	<5.8		1	05/24/99
1,1-Dichloroethene	<2.9		1	05/24/99
Methylene chloride	14.		1	05/24/99
trans-1,2-Dichloroethene	<2.9		1	05/24/99
1,1-Dichloroethane	<2.9		1	05/24/99
cis-1,2-Dichloroethene	<2.9		1	05/24/99
Bromochloromethane	<2.9		1	05/24/99
Chloroform	<2.9		1	05/24/99
2,2-Dichloropropane	<2.9		1	05/24/99
1,2-Dichloroethane	<2.9		1	05/24/99
1,1,1-Trichloroethane	<2.9		1	05/24/99
1,1-Dichloropropene	<2.9		1	05/24/99
Carbon tetrachloride	<2.9		1	05/24/99
Benzene	<2.9		1	05/24/99
Dibromomethane	<2.9		1	05/24/99
1,2-Dichloropropane	<2.9		1	05/24/99
Trichloroethene	<2.9		1	05/24/99
Bromodichloromethane	<2.9		1	05/24/99
cis-1,3-Dichloropropene	<2.9		1	05/24/99
trans-1,3-Dichloropropene	<2.9		1	05/24/99
1,1,2-Trichloroethane	<2.9		1	05/24/99
Toluene	<2.9		1	05/24/99
1,3-Dichloropropane	<2.9		1	05/24/99
Dibromochloromethane	<2.9		1	05/24/99

- Outside control limits J-Estimated value

Authorized: 
Date: May 26, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2662
Samp. Description: SB-6/7-S-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/20/99
Received: 05/20/99
Prepared: 05/24/99

Matrix: Solid
QC Batch: 052499S1
% Solids: 85.8
Sample size: 5 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
1,2-Dibromoethane	<2.9		1	05/24/99	
Tetrachloroethene	<2.9		1	05/24/99	
1,1,1,2-Tetrachloroethane	<2.9		1	05/24/99	
Chlorobenzene	<2.9		1	05/24/99	
Ethylbenzene	<2.9		1	05/24/99	
Bromoform	<2.9		1	05/24/99	
Xylene (total)	<2.9		1	05/24/99	
Styrene	<2.9		1	05/24/99	
1,1,2,2-Tetrachloroethane	<2.9		1	05/24/99	
1,2,3-Trichloropropane	<2.9		1	05/24/99	
Isopropylbenzene	<2.9		1	05/24/99	
Bromobenzene	<2.9		1	05/24/99	
n-Propylbenzene	<2.9		1	05/24/99	
2-Chlorotoluene	<2.9		1	05/24/99	
4-Chlorotoluene	<2.9		1	05/24/99	
1,3,5-Trimethylbenzene	<2.9		1	05/24/99	
tert-Butylbenzene	<2.9		1	05/24/99	
n-Butylbenzene	<2.9		1	05/24/99	
1,2,4-Trimethylbenzene	<2.9		1	05/24/99	
sec-Butylbenzene	<2.9		1	05/24/99	
1,3-Dichlorobenzene	<2.9		1	05/24/99	
1,4-Dichlorobenzene	<2.9		1	05/24/99	
p-Isopropyltoluene	<2.9		1	05/24/99	
1,2-Dichlorobenzene	<2.9		1	05/24/99	
1,2-Dibromo-3-chloropropane	<2.9		1	05/24/99	
1,2,4-Trichlorobenzene	<2.9		1	05/24/99	
Naphthalene	<2.9		1	05/24/99	
Hexachlorobutadiene	<2.9		1	05/24/99	
1,2,3-Trichlorobenzene	<2.9		1	05/24/99	
Dibromofluoromethane (surrogate)	111.%	70-129	1	05/24/99	
1,2-Dichloroethane-d4 (surrogate)	105.%	70-121	1	05/24/99	

- Outside control limits J-Estimated value

Authorized: 
Date: May 26, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2662
Samp. Description: SB-6/7-S-2
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/20/99 Matrix: Solid
Received: 05/20/99 QC Batch: 052499S1
Prepared: 05/24/99 %Solids: 85.8
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	92. %	70-124	1	05/24/99	
Bromofluorobenzene (surrogate)	74. %	72-130	1	05/24/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 

Date: May 26, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2662
Samp. Description: SB-6/7-S-2
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/20/99
Received: 05/20/99
Prepared: 05/24/99
Matrix: Solid
QC Batch: 052499S1
% Solids: 85.8
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis (2-Chloroethyl) ether	<390.	1	05/25/99
Phenol	<390.	1	05/25/99
2-Chlorophenol	<390.	1	05/25/99
1,3-Dichlorobenzene	<390.	1	05/25/99
1,4-Dichlorobenzene	<390.	1	05/25/99
Benzyl alcohol	<390.	1	05/25/99
1,2-Dichlorobenzene	<390.	1	05/25/99
2-Methylphenol	<390.	1	05/25/99
bis (2-Chloroisopropyl) ether	<390.	1	05/25/99
4-Methylphenol	<390.	1	05/25/99
N-Nitroso-di-n-propylamine	<390.	1	05/25/99
Hexachloroethane	<390.	1	05/25/99
Nitrobenzene	<390.	1	05/25/99
Isophorone	<390.	1	05/25/99
2-Nitrophenol	<390.	1	05/25/99
2,4-Dimethylphenol	<390.	1	05/25/99
bis (2-Chloroethoxy) methane	<390.	1	05/25/99
Benzoic acid	<1900.	1	05/25/99
2,4-Dichlorophenol	<390.	1	05/25/99
1,2,4-Trichlorobenzene	<390.	1	05/25/99
Naphthalene	<390.	1	05/25/99
4-Chloroaniline	<390.	1	05/25/99
Hexachlorobutadiene	<390.	1	05/25/99
4-Chloro-3-methylphenol	<390.	1	05/25/99
2-Methylnaphthalene	<390.	1	05/25/99
Hexachlorocyclopentadiene	<390.	1	05/25/99
2,4,6-Trichlorophenol	<390.	1	05/25/99
2,4,5-Trichlorophenol	<1900.	1	05/25/99
2-Chloronaphthalene	<390.	1	05/25/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 28, 1999
Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

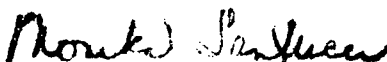
Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2662
Samp. Description: SB-6/7-S-2
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/20/99
Received: 05/20/99
Prepared: 05/24/99
Matrix: Solid
QC Batch: 052499S1
%Solids: 85.8
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<1900.	1	05/25/99
Dimethyl phthalate	<390.	1	05/25/99
Acenaphthylene	<390.	1	05/25/99
2,6-Dinitrotoluene	<390.	1	05/25/99
3-Nitroaniline	<1900.	1	05/25/99
Acenaphthene	<390.	1	05/25/99
2,4-Dinitrophenol	<1900.	1	05/25/99
4-Nitrophenol	<1900.	1	05/25/99
Dibenzofuran	<390.	1	05/25/99
2,4-Dinitrotoluene	<390.	1	05/25/99
Diethyl phthalate	<390.	1	05/25/99
Fluorene	<390.	1	05/25/99
4-Chlorophenyl phenyl ether	<390.	1	05/25/99
4-Nitroaniline	<1900.	1	05/25/99
4,6-Dinitro-2-methylphenol	<1900.	1	05/25/99
N-Nitrosodiphenylamine	<390.	1	05/25/99
4-Bromophenyl phenyl ether	<390.	1	05/25/99
Hexachlorobenzene	<390.	1	05/25/99
Pentachlorophenol	<1900.	1	05/25/99
Phenanthrene	1500.	1	05/25/99
Anthracene	610.	1	05/25/99
Di-n-butyl phthalate	<390.	1	05/25/99
Fluoranthene	2500.	1	05/25/99
Pyrene	E 6200.	1	05/25/99
Butyl benzyl phthalate	<390.	1	05/25/99
3,3'-Dichlorobenzidine	<780.	1	05/25/99
Benzo[a]anthracene	2700.	1	05/25/99
Chrysene	3000.	1	05/25/99
bis(2-Ethylhexyl)phthalate	<390.	1	05/25/99
Di-n-octyl phthalate	<390.	1	05/25/99
Benzo[b]fluoranthene	E 3100.	1	05/25/99

.# - Outside control limits J-Estimated value

Authorized: 
Date: May 28, 1999
Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2662
Samp. Description: SB-6/7-S-2
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/20/99 Matrix: Solid
Received: 05/20/99 QC Batch: 052499S1
Prepared: 05/24/99 %Solids: 85.8
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k]fluoranthene	1300.		1	05/25/99	
Benzo[a]pyrene	2500.		1	05/25/99	
Indeno[1,2,3-cd]pyrene	1500.		1	05/25/99	
Dibenz[a,h]anthracene	510.		1	05/25/99	
Benzo[g,h,i]perylene	1800.		1	05/25/99	
Aniline	<390.		1	05/25/99	
2-Fluorophenol (surrogate)	85.%	44-119	1	05/25/99	
Phenol-d5 (surrogate)	93.%	54-120	1	05/25/99	
2,4,6-Tribromophenol (surrogate)	86.%	27-116	1	05/25/99	
Nitrobenzene-d5 (surrogate)	74.%	41-129	1	05/25/99	
2-Fluorobiphenyl (surrogate)	87.%	52-118	1	05/25/99	
Terphenyl-d14 (surrogate)	204.%	# 49-136	1	05/25/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 
Date: May 28, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2662DL
Samp. Description: SB-6/7-S-2
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/20/99
Received: 05/20/99
Prepared: 05/24/99
Matrix: Solid
QC Batch: 052499S1
%Solids: 85.8
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis (2-Chloroethyl) ether	<1900.	5	05/27/99
Phenol	<1900.	5	05/27/99
2-Chlorophenol	<1900.	5	05/27/99
1,3-Dichlorobenzene	<1900.	5	05/27/99
1,4-Dichlorobenzene	<1900.	5	05/27/99
Benzyl alcohol	<1900.	5	05/27/99
1,2-Dichlorobenzene	<1900.	5	05/27/99
2-Methylphenol	<1900.	5	05/27/99
bis (2-Chloroisopropyl) ether	<1900.	5	05/27/99
4-Methylphenol	<1900.	5	05/27/99
N-Nitroso-di-n-propylamine	<1900.	5	05/27/99
Hexachloroethane	<1900.	5	05/27/99
Nitrobenzene	<1900.	5	05/27/99
Isophorone	<1900.	5	05/27/99
2-Nitrophenol	<1900.	5	05/27/99
2,4-Dimethylphenol	<1900.	5	05/27/99
bis (2-Chloroethoxy) methane	<1900.	5	05/27/99
Benzoic acid	<9700.	5	05/27/99
2,4-Dichlorophenol	<1900.	5	05/27/99
1,2,4-Trichlorobenzene	<1900.	5	05/27/99
Naphthalene	<1900.	5	05/27/99
4-Chloroaniline	<1900.	5	05/27/99
Hexachlorobutadiene	<1900.	5	05/27/99
4-Chloro-3-methylphenol	<1900.	5	05/27/99
2-Methylnaphthalene	<1900.	5	05/27/99
Hexachlorocyclopentadiene	<1900.	5	05/27/99
2,4,6-Trichlorophenol	<1900.	5	05/27/99
2,4,5-Trichlorophenol	<9700.	5	05/27/99
2-Chloronaphthalene	<1900.	5	05/27/99

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: May 28, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2662DL
Samp. Description: SB-6/7-S-2
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/20/99
Received: 05/20/99
Prepared: 05/24/99
Matrix: Solid
QC Batch: 052499S1
%Solids: 85.8
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<9700.	5	05/27/99
Dimethyl phthalate	<1900.	5	05/27/99
Acenaphthylene	<1900.	5	05/27/99
2,6-Dinitrotoluene	<1900.	5	05/27/99
3-Nitroaniline	<9700.	5	05/27/99
Acenaphthene	<1900.	5	05/27/99
2,4-Dinitrophenol	<9700.	5	05/27/99
4-Nitrophenol	<9700.	5	05/27/99
Dibenzofuran	<1900.	5	05/27/99
2,4-Dinitrotoluene	<1900.	5	05/27/99
Diethyl phthalate	<1900.	5	05/27/99
Fluorene	<1900.	5	05/27/99
4-Chlorophenyl phenyl ether	<1900.	5	05/27/99
4-Nitroaniline	<9700.	5	05/27/99
4,6-Dinitro-2-methylphenol	<9700.	5	05/27/99
N-Nitrosodiphenylamine	<1900.	5	05/27/99
4-Bromophenyl phenyl ether	<1900.	5	05/27/99
Hexachlorobenzene	<1900.	5	05/27/99
Pentachlorophenol	<9700.	5	05/27/99
Phenanthrene	<1900.	5	05/27/99
Anthracene	<1900.	5	05/27/99
Di-n-butyl phthalate	<1900.	5	05/27/99
Fluoranthene	4100.	5	05/27/99
Pyrene	5100.	5	05/27/99
Butyl benzyl phthalate	<1900.	5	05/27/99
3,3'-Dichlorobenzidine	<3900.	5	05/27/99
Benzo[a]anthracene	3000.	5	05/27/99
Chrysene	3400.	5	05/27/99
bis(2-Ethylhexyl)phthalate	<1900.	5	05/27/99
Di-n-octyl phthalate	<1900.	5	05/27/99
Benzo[b]fluoranthene	4000.	5	05/27/99

- Outside control limits J-Estimated value

Authorized: *Monika Santucci*
Date: May 28, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2662DL
Samp. Description: SB-6/7-S-2
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/20/99 Matrix: Solid
Received: 05/20/99 QC Batch: 052499S1
Prepared: 05/24/99 %Solids: 85.8
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo [k] fluoranthene	<1900.		5	05/27/99	
Benzo [a] pyrene	2900.		5	05/27/99	
Indeno [1,2,3-cd] pyrene	<1900.		5	05/27/99	
Dibenz [a,h] anthracene	<1900.		5	05/27/99	
Benzo [g,h,i] perylene	<1900.		5	05/27/99	
Aniline	<1900.		5	05/27/99	
2-Fluorophenol (surrogate)	98.%	44-119	5	05/27/99	
Phenol-d5 (surrogate)	108.%	54-120	5	05/27/99	
2,4,6-Tribromophenol (surrogate)	117.%	# 27-116	5	05/27/99	
Nitrobenzene-d5 (surrogate)	79.%	41-129	5	05/27/99	
2-Fluorobiphenyl (surrogate)	100.%	52-118	5	05/27/99	
Terphenyl-d14 (surrogate)	157.%	# 49-136	5	05/27/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: May 28, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Wet Chemistry**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M2662
Samp. Description: SB-6/7-S-2

Collected: 05/20/99
Received: 05/20/99 16:15

Matrix: Solid

Parameter	Result	Units	Method	Prepared	Analyzed	QC Batch	Note
% Total Solids	85.8	%	2540-G		05/24/99	052499S12	

Notes:

J-Estimated value

Authorized: Monika Santucci
Date: May 27, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

**5000 Brittonfield Parkway
East Syracuse, New York 13057
(315) 437-0200**

Chain of Custody

1896

[illegible]

Turnaround Time Required:

Routine _____
Rush (Specify) _____

Comments:

Cooler Temperature: 8°C

Original-Laboratory Copy-Client

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3295
Samp. Description: SB-2-W-3
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/27/99
Received: 05/27/99
Prepared: 05/28/99
Matrix: Solid
QC Batch: 052899S1
%Solids: 81.6
Sample size: 5 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Dichlorodifluoromethane	<6.1	1	05/28/99
Chloromethane	<6.1	1	05/28/99
Vinyl chloride	<6.1	1	05/28/99
Bromomethane	<6.1	1	05/28/99
Chloroethane	<6.1	1	05/28/99
Trichlorofluoromethane	<6.1	1	05/28/99
1,1-Dichloroethene	<3.1	1	05/28/99
Methylene chloride	9.7	1	05/28/99
trans-1,2-Dichloroethene	<3.1	1	05/28/99
1,1-Dichloroethane	<3.1	1	05/28/99
cis-1,2-Dichloroethene	<3.1	1	05/28/99
Bromochloromethane	<3.1	1	05/28/99
Chloroform	<3.1	1	05/28/99
2,2-Dichloropropane	<3.1	1	05/28/99
1,2-Dichloroethane	<3.1	1	05/28/99
1,1,1-Trichloroethane	<3.1	1	05/28/99
1,1-Dichloropropene	<3.1	1	05/28/99
Carbon tetrachloride	<3.1	1	05/28/99
Benzene	<3.1	1	05/28/99
Dibromomethane	<3.1	1	05/28/99
1,2-Dichloropropane	<3.1	1	05/28/99
Trichloroethene	<3.1	1	05/28/99
Bromodichloromethane	<3.1	1	05/28/99
cis-1,3-Dichloropropene	<3.1	1	05/28/99
trans-1,3-Dichloropropene	<3.1	1	05/28/99
1,1,2-Trichloroethane	<3.1	1	05/28/99
Toluene	<3.1	1	05/28/99
1,3-Dichloropropane	<3.1	1	05/28/99
Dibromochloromethane	<3.1	1	05/28/99

- Outside control limits J-Estimated value

Authorized: 

Date: June 1, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3295
Samp. Description: SB-2-W-3
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/27/99
Received: 05/27/99
Prepared: 05/28/99
Matrix: Solid
QC Batch: 052899S1
%Solids: 81.6
Sample size: 5 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<3.1		1	05/28/99	
Tetrachloroethene	290.		1	05/28/99	E
1,1,1,2-Tetrachloroethane	<3.1		1	05/28/99	
Chlorobenzene	<3.1		1	05/28/99	
Ethylbenzene	<3.1		1	05/28/99	
Bromoform	<3.1		1	05/28/99	
Xylene (total)	<3.1		1	05/28/99	
Styrene	<3.1		1	05/28/99	
1,1,2,2-Tetrachloroethane	<3.1		1	05/28/99	
1,2,3-Trichloropropane	<3.1		1	05/28/99	
Isopropylbenzene	<3.1		1	05/28/99	
Bromobenzene	<3.1		1	05/28/99	
n-Propylbenzene	<3.1		1	05/28/99	
2-Chlorotoluene	<3.1		1	05/28/99	
4-Chlorotoluene	<3.1		1	05/28/99	
1,3,5-Trimethylbenzene	<3.1		1	05/28/99	
tert-Butylbenzene	<3.1		1	05/28/99	
n-Butylbenzene	<3.1		1	05/28/99	
1,2,4-Trimethylbenzene	<3.1		1	05/28/99	
sec-Butylbenzene	<3.1		1	05/28/99	
1,3-Dichlorobenzene	<3.1		1	05/28/99	
1,4-Dichlorobenzene	<3.1		1	05/28/99	
p-Isopropyltoluene	<3.1		1	05/28/99	
1,2-Dichlorobenzene	<3.1		1	05/28/99	
1,2-Dibromo-3-chloropropane	<3.1		1	05/28/99	
1,2,4-Trichlorobenzene	<3.1		1	05/28/99	
Naphthalene	<3.1		1	05/28/99	
Hexachlorobutadiene	<3.1		1	05/28/99	
1,2,3-Trichlorobenzene	<3.1		1	05/28/99	
Dibromofluoromethane (surrogate)	110.%	70-129	1	05/28/99	
1,2-Dichloroethane-d4 (surrogate)	104.%	70-121	1	05/28/99	

- Outside control limits J-Estimated value

Authorized:

Date: June 1, 1999

Monika Santucci

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3295
Samp. Description: SB-2-W-3
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/27/99 Matrix: Solid
Received: 05/27/99 QC Batch: 052899S1
Prepared: 05/28/99 %Solids: 81.6
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	91.%	70-124	1	05/28/99	
Bromofluorobenzene (surrogate)	66.%	# 72-130	1	05/28/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: June 1, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3295DL
Samp. Description: SB-2-W-3
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/27/99
Received: 05/27/99
Prepared: 05/28/99

Matrix: Solid
QC Batch: 052899S1
% Solids: 81.6
Sample size: 1 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
Dichlorodifluoromethane	<31.	1	05/28/99
Chloromethane	<31.	1	05/28/99
Vinyl chloride	<31.	1	05/28/99
Bromomethane	<31.	1	05/28/99
Chloroethane	<31.	1	05/28/99
Trichlorofluoromethane	<31.	1	05/28/99
1,1-Dichloroethene	<15.	1	05/28/99
Methylene chloride	<31.	1	05/28/99
trans-1,2-Dichloroethene	<15.	1	05/28/99
1,1-Dichloroethane	<15.	1	05/28/99
cis-1,2-Dichloroethene	<15.	1	05/28/99
Bromochloromethane	<15.	1	05/28/99
Chloroform	<15.	1	05/28/99
2,2-Dichloropropane	<15.	1	05/28/99
1,2-Dichloroethane	<15.	1	05/28/99
1,1,1-Trichloroethane	<15.	1	05/28/99
1,1-Dichloropropene	<15.	1	05/28/99
Carbon tetrachloride	<15.	1	05/28/99
Benzene	<15.	1	05/28/99
Dibromomethane	<15.	1	05/28/99
1,2-Dichloropropane	<15.	1	05/28/99
Trichloroethene	<15.	1	05/28/99
Bromodichloromethane	<15.	1	05/28/99
cis-1,3-Dichloropropene	<15.	1	05/28/99
trans-1,3-Dichloropropene	<15.	1	05/28/99
1,1,2-Trichloroethane	<15.	1	05/28/99
Toluene	<15.	1	05/28/99
1,3-Dichloropropane	<15.	1	05/28/99
Dibromochloromethane	<15.	1	05/28/99

- Outside control limits J-Estimated value

Authorized:

Date: June 1, 1999

Monika Santucci

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3295DL
Samp. Description: SB-2-W-3
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/27/99 Matrix: Solid
Received: 05/27/99 QC Batch: 052899S1
Prepared: 05/28/99 %Solids: 81.6
Sample size: 1 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<15.		1	05/28/99	
Tetrachloroethene	430.		1	05/28/99	
1,1,1,2-Tetrachloroethane	<15.		1	05/28/99	
Chlorobenzene	<15.		1	05/28/99	
Ethylbenzene	<15.		1	05/28/99	
Bromoform	<15.		1	05/28/99	
Xylene (total)	<15.		1	05/28/99	
Styrene	<15.		1	05/28/99	
1,1,2,2-Tetrachloroethane	<15.		1	05/28/99	
1,2,3-Trichloropropane	<15.		1	05/28/99	
Isopropylbenzene	<15.		1	05/28/99	
Bromobenzene	<15.		1	05/28/99	
n-Propylbenzene	<15.		1	05/28/99	
2-Chlorotoluene	<15.		1	05/28/99	
4-Chlorotoluene	<15.		1	05/28/99	
1,3,5-Trimethylbenzene	<15.		1	05/28/99	
tert-Butylbenzene	<15.		1	05/28/99	
n-Butylbenzene	<15.		1	05/28/99	
1,2,4-Trimethylbenzene	<15.		1	05/28/99	
sec-Butylbenzene	<15.		1	05/28/99	
1,3-Dichlorobenzene	<15.		1	05/28/99	
1,4-Dichlorobenzene	<15.		1	05/28/99	
p-Isopropyltoluene	<15.		1	05/28/99	
1,2-Dichlorobenzene	<15.		1	05/28/99	
1,2-Dibromo-3-chloropropane	<15.		1	05/28/99	
1,2,4-Trichlorobenzene	<15.		1	05/28/99	
Naphthalene	<15.		1	05/28/99	
Hexachlorobutadiene	<15.		1	05/28/99	
1,2,3-Trichlorobenzene	<15.		1	05/28/99	
Dibromofluoromethane (surrogate)	104.%	70-129	1	05/28/99	
1,2-Dichloroethane-d4 (surrogate)	98.%	70-121	1	05/28/99	

- Outside control limits J-Estimated value

Authorized:

Date: June 1, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3295DL
Samp. Description: SB-2-W-3
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/27/99 Matrix: Solid
Received: 05/27/99 QC Batch: 052899S1
Prepared: 05/28/99 %Solids: 81.6
Sample size: 1 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	93.%	70-124	1	05/28/99	
Bromofluorobenzene (surrogate)	77.%	72-130	1	05/28/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: June 1, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3295
Samp. Description: SB-2-W-3
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/27/99
Received: 05/27/99
Prepared: 05/28/99
Matrix: Solid
QC Batch: 052899S1
%Solids: 81.6
Sample Size: 30 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
bis (2-Chloroethyl) ether	<4100.		10	06/01/99	
Phenol	<4100.		10	06/01/99	
2-Chlorophenol	<4100.		10	06/01/99	
1,3-Dichlorobenzene	<4100.		10	06/01/99	
1,4-Dichlorobenzene	<4100.		10	06/01/99	
Benzyl alcohol	<4100.		10	06/01/99	
1,2-Dichlorobenzene	<4100.		10	06/01/99	
2-Methylphenol	<4100.		10	06/01/99	
bis (2-Chloroisopropyl) ether	<4100.		10	06/01/99	
4-Methylphenol	<4100.		10	06/01/99	
N-Nitroso-di-n-propylamine	<4100.		10	06/01/99	
Hexachloroethane	<4100.		10	06/01/99	
Nitrobenzene	<4100.		10	06/01/99	
Isophorone	<4100.		10	06/01/99	
2-Nitrophenol	<4100.		10	06/01/99	
2,4-Dimethylphenol	<4100.		10	06/01/99	
bis (2-Chloroethoxy) methane	<4100.		10	06/01/99	
Benzoic acid	<20000.		10	06/01/99	
2,4-Dichlorophenol	<4100.		10	06/01/99	
1,2,4-Trichlorobenzene	<4100.		10	06/01/99	
Naphthalene	<4100.		10	06/01/99	
4-Chloroaniline	<4100.		10	06/01/99	
Hexachlorobutadiene	<4100.		10	06/01/99	
4-Chloro-3-methylphenol	<4100.		10	06/01/99	
2-Methylnaphthalene	<4100.		10	06/01/99	
Hexachlorocyclopentadiene	<4100.		10	06/01/99	
2,4,6-Trichlorophenol	<4100.		10	06/01/99	
2,4,5-Trichlorophenol	<20000.		10	06/01/99	
2-Chloronaphthalene	<4100.		10	06/01/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: June 1, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3295
Samp. Description: SB-2-W-3
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/27/99
Received: 05/27/99
Prepared: 05/28/99

Matrix: Solid
QC Batch: 052899S1
% Solids: 81.6
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<20000.	10	06/01/99
Dimethyl phthalate	<4100.	10	06/01/99
Acenaphthylene	<4100.	10	06/01/99
2,6-Dinitrotoluene	<4100.	10	06/01/99
3-Nitroaniline	<20000.	10	06/01/99
Acenaphthene	<4100.	10	06/01/99
2,4-Dinitrophenol	<20000.	10	06/01/99
4-Nitrophenol	<20000.	10	06/01/99
Dibenzofuran	<4100.	10	06/01/99
2,4-Dinitrotoluene	<4100.	10	06/01/99
Diethyl phthalate	<4100.	10	06/01/99
Fluorene	<4100.	10	06/01/99
4-Chlorophenyl phenyl ether	<4100.	10	06/01/99
4-Nitroaniline	<20000.	10	06/01/99
4,6-Dinitro-2-methylphenol	<20000.	10	06/01/99
N-Nitrosodiphenylamine	<4100.	10	06/01/99
4-Bromophenyl phenyl ether	<4100.	10	06/01/99
Hexachlorobenzene	<4100.	10	06/01/99
Pentachlorophenol	<20000.	10	06/01/99
Phenanthrene	6500.	10	06/01/99
Anthracene	<4100.	10	06/01/99
Di-n-butyl phthalate	<4100.	10	06/01/99
Fluoranthene	12000.	10	06/01/99
Pyrene	15000.	10	06/01/99
Butyl benzyl phthalate	<4100.	10	06/01/99
3,3'-Dichlorobenzidine	<8200.	10	06/01/99
Benzo[a]anthracene	8000.	10	06/01/99
Chrysene	8700.	10	06/01/99
bis(2-Ethylhexyl)phthalate	<4100.	10	06/01/99
Di-n-octyl phthalate	<4100.	10	06/01/99
Benzo[b]fluoranthene	9200.	10	06/01/99

- Outside control limits J-Estimated value

Authorized:

Date: June 1, 1999

Monika Santucci

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

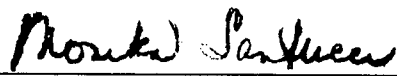
Sample: M3295
Samp. Description: SB-2-W-3
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/27/99 Matrix: Solid
Received: 05/27/99 QC Batch: 052899S1
Prepared: 05/28/99 %Solids: 81.6
Sample Size: 30 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Benzo[k]fluoranthene	<4100.		10	06/01/99	
Benzo[a]pyrene	7400.		10	06/01/99	
Indeno[1,2,3-cd]pyrene	<4100.		10	06/01/99	
Dibenz[a,h]anthracene	<4100.		10	06/01/99	
Benzo[g,h,i]perylene	4300.		10	06/01/99	
Aniline	<4100.		10	06/01/99	
2-Fluorophenol (surrogate)	92.%	44-119	10	06/01/99	
Phenol-d5 (surrogate)	93.%	54-120	10	06/01/99	
2,4,6-Tribromophenol (surrogate)	94.%	27-116	10	06/01/99	
Nitrobenzene-d5 (surrogate)	75.%	41-129	10	06/01/99	
2-Fluorobiphenyl (surrogate)	103.%	52-118	10	06/01/99	
Terphenyl-d14 (surrogate)	123.%	49-136	10	06/01/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 

Date: June 1, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

5000 Brittonfield Parkway
East Syracuse, New York 13057
(315) 437-0200

Chain of Custody

1975

Client: <i>DBG Engineers</i>						Analysis/Method											
Project: <i>NMPC Rome Sentinel Site</i>						VOCs 8260 SVOCs 8270											
Sampled by: <i>Ed Rahn</i>																	
Client Contact: <i>Deb Wright</i> Phone # <i>2377</i>																	
Sample Description																	
Sample Location	Date Collected	Time Collected	Sample Matrix	Comp. or Grab	No. of Containers												
<i>SB-2-W-3</i>	<i>5/27/99</i>	<i>1255</i>	<i>SOIL</i>	<i>COMP.</i>	<i>2</i>	<i>X</i>	<i>X</i>										
Relinquished by: <i>Edwin B. Rahn</i> Date: <i>5/27/99</i> Time: <i>1630</i>						Received by: _____ Date: _____ Time: _____											
Relinquished by: _____ Date: _____ Time: _____						Received by: _____ Date: _____ Time: _____											
Relinquished by: _____ Date: _____ Time: _____						Received by Lab: <i>Mark F. Jackson</i> Date: <i>5/27/99</i> Time: <i>16:30</i>											
Shipment Method: _____						Airbill Number: _____											

Turnaround Time Required:
Routine _____
Rush (Specify) _____

Cooler Temperature: 40°C

Comments: *48 hr rush requested. (ms)*

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3409
Samp. Description: SB-2-N-3
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/28/99
Received: 05/28/99
Prepared: 06/03/99
Matrix: Solid
QC Batch: 060399S1
%Solids: 78.8
Sample size: 1 g

Parameter	Result	Surrog		Analyzed	Notes
		Limits	Dilution		
Dichlorodifluoromethane	<32.		1	06/03/99	
Chloromethane	<32.		1	06/03/99	
Vinyl chloride	<32.		1	06/03/99	
Bromomethane	<32.		1	06/03/99	
Chloroethane	<32.		1	06/03/99	
Trichlorofluoromethane	<32.		1	06/03/99	
1,1-Dichloroethene	<16.		1	06/03/99	
Methylene chloride	<32.		1	06/03/99	
trans-1,2-Dichloroethene	<16.		1	06/03/99	
1,1-Dichloroethane	<16.		1	06/03/99	
cis-1,2-Dichloroethene	<16.		1	06/03/99	
Bromochloromethane	<16.		1	06/03/99	
Chloroform	<16.		1	06/03/99	
2,2-Dichloropropane	<16.		1	06/03/99	
1,2-Dichloroethane	<16.		1	06/03/99	
1,1,1-Trichloroethane	<16.		1	06/03/99	
1,1-Dichloropropene	<16.		1	06/03/99	
Carbon tetrachloride	<16.		1	06/03/99	
Benzene	<16.		1	06/03/99	
Dibromomethane	<16.		1	06/03/99	
1,2-Dichloropropane	<16.		1	06/03/99	
Trichloroethene	<16.		1	06/03/99	
Bromodichloromethane	<16.		1	06/03/99	
cis-1,3-Dichloropropene	<16.		1	06/03/99	
trans-1,3-Dichloropropene	<16.		1	06/03/99	
1,1,2-Trichloroethane	<16.		1	06/03/99	
Toluene	<16.		1	06/03/99	
1,3-Dichloropropane	<16.		1	06/03/99	
Dibromochloromethane	<16.		1	06/03/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: June 4, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3409
Samp. Description: SB-2-N-3
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/28/99
Received: 05/28/99
Prepared: 06/03/99
Matrix: Solid
QC Batch: 060399S1
%Solids: 78.8
Sample size: 1 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<16.		1	06/03/99	
Tetrachloroethene	<16.		1	06/03/99	
1,1,1,2-Tetrachloroethane	<16.		1	06/03/99	
Chlorobenzene	<16.		1	06/03/99	
Ethylbenzene	<16.		1	06/03/99	
Bromoform	<16.		1	06/03/99	
Xylene (total)	<16.		1	06/03/99	
Styrene	<16.		1	06/03/99	
1,1,2,2-Tetrachloroethane	<16.		1	06/03/99	
1,2,3-Trichloropropane	<16.		1	06/03/99	
Isopropylbenzene	<16.		1	06/03/99	
Bromobenzene	<16.		1	06/03/99	
n-Propylbenzene	<16.		1	06/03/99	
2-Chlorotoluene	<16.		1	06/03/99	
4-Chlorotoluene	<16.		1	06/03/99	
1,3,5-Trimethylbenzene	<16.		1	06/03/99	
tert-Butylbenzene	<16.		1	06/03/99	
n-Butylbenzene	<16.		1	06/03/99	
1,2,4-Trimethylbenzene	<16.		1	06/03/99	
sec-Butylbenzene	<16.		1	06/03/99	
1,3-Dichlorobenzene	<16.		1	06/03/99	
1,4-Dichlorobenzene	<16.		1	06/03/99	
p-Isopropyltoluene	<16.		1	06/03/99	
1,2-Dichlorobenzene	<16.		1	06/03/99	
1,2-Dibromo-3-chloropropane	<16.		1	06/03/99	
1,2,4-Trichlorobenzene	<16.		1	06/03/99	
Naphthalene	<16.		1	06/03/99	
Hexachlorobutadiene	<16.		1	06/03/99	
1,2,3-Trichlorobenzene	<16.		1	06/03/99	
Dibromofluoromethane (surrogate)	108.%	70-129	1	06/03/99	
1,2-Dichloroethane-d4 (surrogate)	103.%	70-121	1	06/03/99	

- Outside control limits J-Estimated value

Authorized:
Date: June 4, 1999

Monika Santucci
Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3409
Samp. Description: SB-2-N-3
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 05/28/99
Received: 05/28/99
Prepared: 06/03/99
Matrix: Solid
QC Batch: 060399S1
%Solids: 78.8
Sample size: 1 g

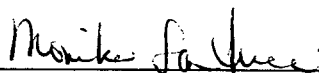
<u>Parameter</u>	<u>Result</u>	<u>Surrog Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	91.%	70-124	1	06/03/99	
Bromofluorobenzene (surrogate)	77.%	72-130	1	06/03/99	

Notes:

Elevated detection limit due to matrix interference.

- Outside control limits J-Estimated value

Authorized: _____
Date: June 4, 1999


Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3409
Samp. Description: SB-2-N-3
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/28/99
Received: 05/28/99
Prepared: 05/28/99
Matrix: Solid
QC Batch: 052899S1
%Solids: 78.8
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
bis (2-Chloroethyl) ether	<8500.	20	06/04/99
Phenol	<8500.	20	06/04/99
2-Chlorophenol	<8500.	20	06/04/99
1,3-Dichlorobenzene	<8500.	20	06/04/99
1,4-Dichlorobenzene	<8500.	20	06/04/99
Benzyl alcohol	<8500.	20	06/04/99
1,2-Dichlorobenzene	<8500.	20	06/04/99
2-Methylphenol	<8500.	20	06/04/99
bis (2-Chloroisopropyl) ether	<8500.	20	06/04/99
4-Methylphenol	<8500.	20	06/04/99
N-Nitroso-di-n-propylamine	<8500.	20	06/04/99
Hexachloroethane	<8500.	20	06/04/99
Nitrobenzene	<8500.	20	06/04/99
Isophorone	<8500.	20	06/04/99
2-Nitrophenol	<8500.	20	06/04/99
2,4-Dimethylphenol	<8500.	20	06/04/99
bis (2-Chloroethoxy) methane	<8500.	20	06/04/99
Benzoic acid	<42000.	20	06/04/99
2,4-Dichlorophenol	<8500.	20	06/04/99
1,2,4-Trichlorobenzene	<8500.	20	06/04/99
Naphthalene	<8500.	20	06/04/99
4-Chloroaniline	<8500.	20	06/04/99
Hexachlorobutadiene	<8500.	20	06/04/99
4-Chloro-3-methylphenol	<8500.	20	06/04/99
2-Methylnaphthalene	<8500.	20	06/04/99
Hexachlorocyclopentadiene	<8500.	20	06/04/99
2,4,6-Trichlorophenol	<8500.	20	06/04/99
2,4,5-Trichlorophenol	<42000.	20	06/04/99
2-Chloronaphthalene	<8500.	20	06/04/99

- Outside control limits J-Estimated value

Authorized:
Date: June 7, 1999

Monika Santucci
Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3409
Samp. Description: SB-2-N-3
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/28/99
Received: 05/28/99
Prepared: 05/28/99
Matrix: Solid
QC Batch: 052899S1
%Solids: 78.8
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<42000.	20	06/04/99
Dimethyl phthalate	<8500.	20	06/04/99
Acenaphthylene	<8500.	20	06/04/99
2,6-Dinitrotoluene	<8500.	20	06/04/99
3-Nitroaniline	<42000.	20	06/04/99
Acenaphthene	<8500.	20	06/04/99
2,4-Dinitrophenol	<42000.	20	06/04/99
4-Nitrophenol	<42000.	20	06/04/99
Dibenzofuran	<8500.	20	06/04/99
2,4-Dinitrotoluene	<8500.	20	06/04/99
Diethyl phthalate	<8500.	20	06/04/99
Fluorene	<8500.	20	06/04/99
4-Chlorophenyl phenyl ether	<8500.	20	06/04/99
4-Nitroaniline	<42000.	20	06/04/99
4,6-Dinitro-2-methylphenol	<42000.	20	06/04/99
N-Nitrosodiphenylamine	<8500.	20	06/04/99
4-Bromophenyl phenyl ether	<8500.	20	06/04/99
Hexachlorobenzene	<8500.	20	06/04/99
Pentachlorophenol	<42000.	20	06/04/99
Phenanthrene	9700.	20	06/04/99
Anthracene	<8500.	20	06/04/99
Di-n-butyl phthalate	<8500.	20	06/04/99
Fluoranthene	19000.	20	06/04/99
Pyrene	24000.	20	06/04/99
Butyl benzyl phthalate	<8500.	20	06/04/99
3,3'-Dichlorobenzidine	<17000.	20	06/04/99
Benzo[a]anthracene	14000.	20	06/04/99
Chrysene	16000.	20	06/04/99
bis(2-Ethylhexyl)phthalate	<8500.	20	06/04/99
Di-n-octyl phthalate	<8500.	20	06/04/99
Benzo[b]fluoranthene	20000.	20	06/04/99

- Outside control limits J-Estimated value

Authorized: _____
Date: June 7, 1999

Monika Santucci
Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3409
Samp. Description: SB-2-N-3
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 05/28/99 Matrix: Solid
Received: 05/28/99 QC Batch: 052899S1
Prepared: 05/28/99 %Solids: 78.8
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k]fluoranthene	9100.		20	06/04/99	
Benzo[a]pyrene	16000.		20	06/04/99	
Indeno[1,2,3-cd]pyrene	9400.		20	06/04/99	
Dibenz[a,h]anthracene	<8500.		20	06/04/99	
Benzo[g,h,i]perylene	9500.		20	06/04/99	
Aniline	<8500.		20	06/04/99	
2-Fluorophenol (surrogate)	93.%	44-119	20	06/04/99	
Phenol-d5 (surrogate)	97.%	54-120	20	06/04/99	
2,4,6-Tribromophenol (surrogate)	109.%	27-116	20	06/04/99	
Nitrobenzene-d5 (surrogate)	76.%	41-129	20	06/04/99	
2-Fluorobiphenyl (surrogate)	101.%	52-118	20	06/04/99	
Terphenyl-d14 (surrogate)	133.%	49-136	20	06/04/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: June 7, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Wet Chemistry

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3409
Samp. Description: SB-2-N-3

Collected: 05/28/99
Received: 05/28/99 12:35
Matrix: Solid

Parameter	Result	Qual	MDL	RL	Units	Method	Prepared	Analyzed	QC Batch	Note
% Total Solids	78.8			1	%	2540-G		06/01/99	060199S12	

Notes:

U-Undetected at reported level. J-reported value is estimated.

Authorized: Monika Santucci
Date: June 3, 1999
Monika Santucci

5000 Brittonfield Parkway / Suite 300, Box 4942 / Syracuse, NY 13221 / (315) 437-0200

Original-Laboratory Copy-Client

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

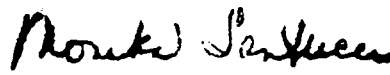
Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3934
Samp. Description: Woodrow W
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 06/07/99
Received: 06/07/99
Prepared: 06/15/99
Matrix: Solid
QC Batch: 061599S1
%Solids: 71.4
Sample size: 5 g

Parameter	Result	Surrog		Analyzed Notes
		Limits	Dilution	
Dichlorodifluoromethane	<7.0		1	06/15/99
Chloromethane	<7.0		1	06/15/99
Vinyl chloride	<7.0		1	06/15/99
Bromomethane	<7.0		1	06/15/99
Chloroethane	<7.0		1	06/15/99
Trichlorofluoromethane	<7.0		1	06/15/99
1,1-Dichloroethene	<3.5		1	06/15/99
Methylene chloride	10.		1	06/15/99
trans-1,2-Dichloroethene	<3.5		1	06/15/99
1,1-Dichloroethane	<3.5		1	06/15/99
cis-1,2-Dichloroethene	<3.5		1	06/15/99
Bromochloromethane	<3.5		1	06/15/99
Chloroform	<3.5		1	06/15/99
2,2-Dichloropropane	<3.5		1	06/15/99
1,2-Dichloroethane	<3.5		1	06/15/99
1,1,1-Trichloroethane	<3.5		1	06/15/99
1,1-Dichloropropene	<3.5		1	06/15/99
Carbon tetrachloride	<3.5		1	06/15/99
Benzene	6.2		1	06/15/99
Dibromomethane	<3.5		1	06/15/99
1,2-Dichloropropane	<3.5		1	06/15/99
Trichloroethene	<3.5		1	06/15/99
Bromodichloromethane	<3.5		1	06/15/99
cis-1,3-Dichloropropene	<3.5		1	06/15/99
trans-1,3-Dichloropropene	<3.5		1	06/15/99
1,1,2-Trichloroethane	<3.5		1	06/15/99
Toluene	<3.5		1	06/15/99
1,3-Dichloropropane	<3.5		1	06/15/99
Dibromochloromethane	<3.5		1	06/15/99

- Outside control limits J-Estimated value

Authorized: 

Date: June 16, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8260

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

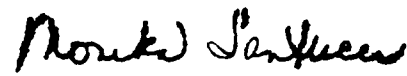
Sample: M3934
Samp. Description: Woodrow W
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 06/07/99
Received: 06/07/99
Prepared: 06/15/99

Matrix: Solid
QC Batch: 061599S1
% Solids: 71.4
Sample size: 5 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
1,2-Dibromoethane	<3.5		1	06/15/99	
Tetrachloroethene	7.4		1	06/15/99	
1,1,1,2-Tetrachloroethane	<3.5		1	06/15/99	
Chlorobenzene	<3.5		1	06/15/99	
Ethylbenzene	<3.5		1	06/15/99	
Bromoform	<3.5		1	06/15/99	
Xylene (total)	<3.5		1	06/15/99	
Styrene	<3.5		1	06/15/99	
1,1,2,2-Tetrachloroethane	<3.5		1	06/15/99	
1,2,3-Trichloropropane	<3.5		1	06/15/99	
Isopropylbenzene	<3.5		1	06/15/99	
Bromobenzene	<3.5		1	06/15/99	
n-Propylbenzene	<3.5		1	06/15/99	
2-Chlorotoluene	<3.5		1	06/15/99	
4-Chlorotoluene	<3.5		1	06/15/99	
1,3,5-Trimethylbenzene	<3.5		1	06/15/99	
tert-Butylbenzene	<3.5		1	06/15/99	
n-Butylbenzene	<3.5		1	06/15/99	
1,2,4-Trimethylbenzene	<3.5		1	06/15/99	
sec-Butylbenzene	<3.5		1	06/15/99	
1,3-Dichlorobenzene	<3.5		1	06/15/99	
1,4-Dichlorobenzene	<3.5		1	06/15/99	
p-Isopropyltoluene	<3.5		1	06/15/99	
1,2-Dichlorobenzene	<3.5		1	06/15/99	
1,2-Dibromo-3-chloropropane	<3.5		1	06/15/99	
1,2,4-Trichlorobenzene	<3.5		1	06/15/99	
Naphthalene	<3.5		1	06/15/99	
Hexachlorobutadiene	<3.5		1	06/15/99	
1,2,3-Trichlorobenzene	<3.5		1	06/15/99	
Dibromofluoromethane (surrogate)	111.%	70-129	1	06/15/99	
1,2-Dichloroethane-d4 (surrogate)	111.%	70-121	1	06/15/99	

- Outside control limits J-Estimated value

Authorized: 

Date: June 16, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8260**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3934
Samp. Description: Woodrow W
Instrument: HP5973 GCMS#3
Units: ug/Kg Dry weight
Number of analytes: 62

Collected: 06/07/99 Matrix: Solid
Received: 06/07/99 QC Batch: 061599S1
Prepared: 06/15/99 %Solids: 71.4
Sample size: 5 g

<u>Parameter</u>	<u>Result</u>	<u>Surrog</u> <u>Limits</u>	<u>Dilution</u>	<u>Analyzed</u>	<u>Notes</u>
Toluene-d8 (surrogate)	85.%	70-124	1	06/15/99	
Bromofluorobenzene (surrogate)	50.%	# 72-130	1	06/15/99	

Notes:

- Outside control limits J-Estimated value

Authorized: Monika Santucci

Date: June 16, 1999

Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3934
Samp. Description: Woodrow W
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 06/07/99
Received: 06/07/99
Prepared: 06/09/99
Matrix: Solid
QC Batch: 060999S1
%Solids: 71.4
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
bis(2-Chloroethyl) ether	<470.		1	06/15/99	
Phenol	<470.		1	06/15/99	
2-Chlorophenol	<470.		1	06/15/99	
1,3-Dichlorobenzene	<470.		1	06/15/99	
1,4-Dichlorobenzene	<470.		1	06/15/99	
Benzyl alcohol	<470.		1	06/15/99	
1,2-Dichlorobenzene	<470.		1	06/15/99	
2-Methylphenol	<470.		1	06/15/99	
bis(2-Chloroisopropyl) ether	<470.		1	06/15/99	
4-Methylphenol	<470.		1	06/15/99	
N-Nitroso-di-n-propylamine	<470.		1	06/15/99	
Hexachloroethane	<470.		1	06/15/99	
Nitrobenzene	<470.		1	06/15/99	
Isophorone	<470.		1	06/15/99	
2-Nitrophenol	<470.		1	06/15/99	
2,4-Dimethylphenol	<470.		1	06/15/99	
bis(2-Chloroethoxy) methane	<470.		1	06/15/99	
Benzoic acid	<2300.		1	06/15/99	
2,4-Dichlorophenol	<470.		1	06/15/99	
1,2,4-Trichlorobenzene	<470.		1	06/15/99	
Naphthalene	<470.		1	06/15/99	
4-Chloroaniline	<470.		1	06/15/99	
Hexachlorobutadiene	<470.		1	06/15/99	
4-Chloro-3-methylphenol	<470.		1	06/15/99	
2-Methylnaphthalene	<470.		1	06/15/99	
Hexachlorocyclopentadiene	<470.		1	06/15/99	
2,4,6-Trichlorophenol	<470.		1	06/15/99	
2,4,5-Trichlorophenol	<2300.		1	06/15/99	
2-Chloronaphthalene	<470.		1	06/15/99	

- Outside control limits J-Estimated value

Authorized: Monika Santucci
Date: June 15, 1999 Monika Santucci

O'Brien & Gere Laboratories, Inc.

Analytical Results Method: 8270

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3934
Samp. Description: Woodrow W
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 06/07/99 Matrix: Solid
Received: 06/07/99 QC Batch: 060999S1
Prepared: 06/09/99 % Solids: 71.4
Sample Size: 30 g

Parameter	Result	Surrog Limits Dilution	Analyzed Notes
2-Nitroaniline	<2300.	1	06/15/99
Dimethyl phthalate	<470.	1	06/15/99
Acenaphthylene	<470.	1	06/15/99
2,6-Dinitrotoluene	<470.	1	06/15/99
3-Nitroaniline	<2300.	1	06/15/99
Acenaphthene	<470.	1	06/15/99
2,4-Dinitrophenol	<2300.	1	06/15/99
4-Nitrophenol	<2300.	1	06/15/99
Dibenzofuran	<470.	1	06/15/99
2,4-Dinitrotoluene	<470.	1	06/15/99
Diethyl phthalate	<470.	1	06/15/99
Fluorene	<470.	1	06/15/99
4-Chlorophenyl phenyl ether	<470.	1	06/15/99
4-Nitroaniline	<2300.	1	06/15/99
4,6-Dinitro-2-methylphenol	<2300.	1	06/15/99
N-Nitrosodiphenylamine	<470.	1	06/15/99
4-Bromophenyl phenyl ether	<470.	1	06/15/99
Hexachlorobenzene	<470.	1	06/15/99
Pentachlorophenol	<2300.	1	06/15/99
Phenanthrene	910.	1	06/15/99
Anthracene	<470.	1	06/15/99
Di-n-butyl phthalate	<470.	1	06/15/99
Fluoranthene	1000.	1	06/15/99
Pyrene	2800.	1	06/15/99
Butyl benzyl phthalate	<470.	1	06/15/99
3,3'-Dichlorobenzidine	<930.	1	06/15/99
Benzo[a]anthracene	1000.	1	06/15/99
Chrysene	1100.	1	06/15/99
bis(2-Ethylhexyl)phthalate	<470.	1	06/15/99
Di-n-octyl phthalate	<470.	1	06/15/99
Benzo[b]fluoranthene	1100.	1	06/15/99

- Outside control limits J-Estimated value

Authorized: 

Date: June 15, 1999

Monika Santucci

**O'Brien & Gere
Laboratories, Inc.**

**Analytical Results
Method: 8270**

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

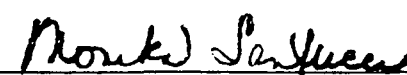
Sample: M3934
Samp. Description: Woodrow W
Instrument: HP5972 GC/MS#6
Units: ug/Kg Dry weight
Number of analytes: 72

Collected: 06/07/99 Matrix: Solid
Received: 06/07/99 QC Batch: 060999S1
Prepared: 06/09/99 %Solids: 71.4
Sample Size: 30 g

Parameter	Result	Surrog Limits	Dilution	Analyzed	Notes
Benzo[k]fluoranthene	<470.		1	06/15/99	
Benzo[a]pyrene	920.		1	06/15/99	
Indeno[1,2,3-cd]pyrene	780.		1	06/15/99	
Dibenz[a,h]anthracene	<470.		1	06/15/99	
Benzo[g,h,i]perylene	930.		1	06/15/99	
Aniline	<470.		1	06/15/99	
2-Fluorophenol (surrogate)	80.%	44-119	1	06/15/99	
Phenol-d5 (surrogate)	89.%	54-120	1	06/15/99	
2,4,6-Tribromophenol (surrogate)	65.%	27-116	1	06/15/99	
Nitrobenzene-d5 (surrogate)	70.%	41-129	1	06/15/99	
2-Fluorobiphenyl (surrogate)	92.%	52-118	1	06/15/99	
Terphenyl-d14 (surrogate)	196.%	# 49-136	1	06/15/99	

Notes:

- Outside control limits J-Estimated value

Authorized: 

Date: June 15, 1999

Monika Santucci

O'Brien & Gere
Laboratories, Inc.

Analytical Results
Wet Chemistry

Client: Niagara Mohawk
Project: Rome Sentinel Site
Proj. Desc:

Job No.: 1118.079.517
Certification NY No.: 10155

Sample: M3934
Samp. Description: Woodrow W

Collected: 06/07/99
Received: 06/07/99 14:10
Matrix: Solid

Parameter	Result Units	Method	Prepared Analyzed	QC Batch	Note
% Total Solids	71.4 %	2540-G	06/10/99	061099S11	

Notes:

Estimated value

Authorized:

Date: June 14, 1999

Monika Sanmcci

Appendix C

Waste disposal manifests

JOB REPORT

REPORT OF

Page 1

Job No. : : 1655

Reporting FROM : 05-01-99 00:00 TO : 05-20-99 23:59

DATE : 05-20-99
TIME : 14:47:26

Date	Trans- action #	Truck No.	Site	Site Address :	Description :	Net Tons
05-06-99	012791	M-30	ROME SENTINEL SITE	ROME NY	COAL TAR	36.66
05-06-99	012793	M-36	ROME SENTINEL SITE	ROME NY	COAL TAR	30.32
05-06-99	012794	M-25	ROME SENTINEL SITE	ROME NY	COAL TAR	25.45
05-06-99	012797	M-31	ROME SENTINEL SITE	ROME NY	COAL TAR	33.82
05-06-99	012807	M-37	ROME SENTINEL SITE	ROME NY	COAL TAR	35.57
05-06-99	012808	M-20	ROME SENTINEL SITE	ROME NY	COAL TAE	37.02
05-06-99	012815	M-32	ROME SENTINEL SITE	ROME NY	COAL TAR	41.70
05-06-99	012819	RS-1	ROME SENTINEL SITE	ROME NY	COAL TAR	31.91
05-06-99	012828	M-21	ROME SENTINEL SITE	ROME NY	COAL TAR	38.25
05-06-99	012829	M-33	ROME SENTINEL SITE	ROME NY	COAL TAR	37.78
05-07-99	012835	m-36	ROME SENTINEL SITE	ROME NY	COAL TAR	37.53
05-07-99	012836	m-30	ROME SENTINEL SITE	ROME NY	COAL TAR	43.55
05-07-99	012838	m-25	ROME SENTINEL SITE	ROME NY	COAL TAR	38.14
05-07-99	012839	m-31	ROME SENTINEL SITE	ROME NY	COAL TAR	39.12
05-07-99	012865	M-20	ROME SENTINEL SITE	ROME NY	COAL TAR	43.35
05-07-99	012876	M-16	ROME SENTINEL SITE	ROME NY	COAL TAR	40.18
05-07-99	012879	M-22	ROME SENTINEL SITE	ROME NY	COAL TAR	41.09
05-07-99	012883	M-30	ROME SENTINEL SITE	ROME NY	COAL TAR	35.49
05-07-99	012885	M-36	ROME SENTINEL SITE	ROME NY	COAL TAR	30.46
05-07-99	012893	M-31	ROME SENTINEL SITE	ROME NY	COAL TAR	36.42
05-18-99	013225	M-32	ROME SENTINEL SITE	ROME NY	COAL TAR	33.96
05-18-99	013226	RS-1	ROME SENTINEL SITE	ROME NY	COAL TAR	32.56
05-18-99	013228	M-21	ROME SENTINEL SITE	ROME NY	COAL TAR	30.00
05-18-99	013232	M-16	ROME SENTINEL SITE	ROME NY	COAL TAR	33.33
05-18-99	013235	M-22	ROME SENTINEL SITE	ROME NY	COAL TAR	32.05
05-18-99	013251	M-25	ROME SENTINEL SITE	ROME NY	COAL TAR	26.30
05-18-99	013253	M-34	ROME SENTINEL SITE	ROME NY	COAL TAR	23.90
05-18-99	013255	M-26	ROME SENTINEL SITE	ROME NY	COAL TAR	29.40
05-18-99	013272	M-32	ROME SENTINEL SITE	ROME NY	COAL TAR	36.97
05-19-99	013278	m-21	ROME SENTINEL SITE	ROME NY	COAL TAR	33.67
05-19-99	013279	rs-1	ROME SENTINEL SITE	ROME NY	COAL TAR	33.59
05-19-99	013280	m-26	ROME SENTINEL SITE	ROME NY	COAL TAR	35.58
05-19-99	013282	m-16	ROME SENTINEL SITE	ROME NY	COAL TAR	37.88
05-19-99	013284	m-25	ROME SENTINEL SITE	ROME NY	COAL TAR	28.70
05-19-99	013285	m-34	ROME SENTINEL SITE	ROME NY	COAL TAR	36.02
05-19-99	013283	m-22	ROME SENTINEL SITE	ROME NY	COAL TAR	34.33
05-19-99	013318	M-21	ROME SENTINEL SITE	ROME NY	COAL TAR	36.71
05-20-99	013365	C-2	ROME SENTINEL SITE	ROME NY	COAL TAR	24.38
05-20-99	013368	TC-80	ROME SENTINEL SITE	ROME NY	COAL TAR	33.61

JOB REPORT

REPORT OF

Page 2

Job No. : : 1655

Reporting FROM : 05-01-99 00:00 TO : 05-20-99 23:59

DATE : 05-20-99
TIME : 14:47:26

Date	Trans- action #	Truck No.	Site	Site Address	Description	Net Tons
05-20-99	013370	CR-1	ROME SENTINEL SITE	ROME NY	COAL TAR	32.40
TOTALS :						1379.15

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012791 Time In Time Out 12:06 Date 05-06-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 110780 lb
Tare : 37460 lb STO
=====

Net : 73320 lb

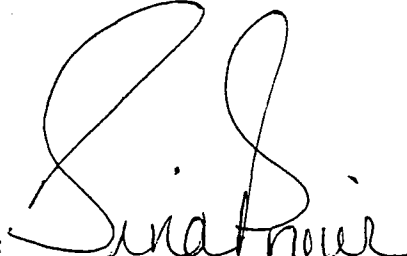
Truck No. : M-30
Hauler : MANGIARDI

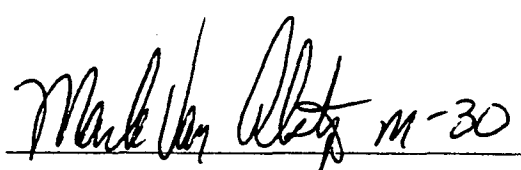
Net Tons : 36.66

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver :  M-30

Weigh Master #: 530013

Weight This Ticket: 36.66

PH 0.000

Cum Job Weight 36.66

Est. Total Job 150.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. NY D 9 8 1 8 7 3 3 8 3 2 1 0 0 3		Manifest Document No. 2 1 0 0 3		2. Page 1 of 1		SIR						
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088						Madison Street Rome, NY 13440								
4. Generator's Phone (315) 460-2351 Frank J. Grabowski														
5. Transporter 1 Company Name Mangiardi Brothers Trucking				6. US EPA ID Number		90147R								
7. Transporter 2 Company Name				8. US EPA ID Number										
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828				10. US EPA ID Number		A. Transporter's Phone B. Transporter's Phone C. Facility's Phone (518) 747-5500								
11. Waste Shipping Name and Description						12. Containers		13. Total Quantity		14. Unit Wt/Vol				
						No. Type		Est.						
a. Non-DOT regulated, Coal Tar By-products Waste						0 0 1 D.T		36		T				
b.														
c.														
d.														
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816						E. Handling Codes for Wastes Listed Above T								
15. Special Handling Instructions and Additional Information														
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 Edwin B. Rahn						Signature <i>Edwin B. Rahn</i>			Month Day Year 05 06 99					
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name Mark Van Arstyn			Signature <i>Mark Van Arstyn</i>			Month Day Year 05 06 99		
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name MARK			Signature			Month Day Year		
19. Discrepancy Indication Space														
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.														
Printed/Typed Name Tina Preuer						Signature <i>Tina Preuer</i>			Month Day Year 05 06 99					

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012793 Time In Time Out 12:16 Date 05-06-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 95940 lb
Tare : 35300 lb STO
=====

Net : 60640 lb

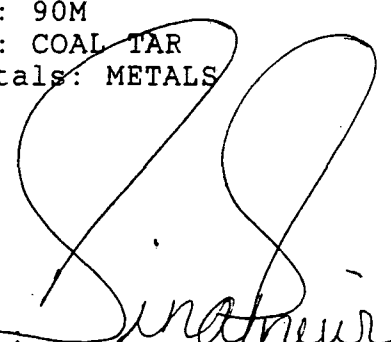
Truck No. : M-36
Hauler : MANGIARDI

Net Tons : 30.32

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master: 

Driver: 

Weigh Master #: 530073

Weight This Ticket: 30.32

IPH 0.000

Cum Job Weight 66.98

Est. Total Job 150.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N.Y.D.9.8.1.8.7.3.3.8.3

Manifest
Document No.

2.1.0.0.1

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.
7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street
Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

45515H

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York
304 Towpath Road
Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a. **Non-DOT Regulated, Coal Tar By-products waste**

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

Est.

0 0 1 D.T

30 T

b.

c.

d.

*30.32
Tons*

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year
05 06 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Gus Melick

Signature

Gus Melick

Month Day Year
05 06 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Freier

Signature

Tina Freier

Month Day Year
05 10 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012794 Time In Time Out 12:17 Date 05-06-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 88760 lb
Tare : 37860 lb STO
=====

Net : 50900 lb

Truck No. : M-25
Hauler : Mangiardi

Net Tons : 25.45

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : *Sinatra*

Driver : *Tom Bogart*

Weigh Master #: 530013

Weight This Ticket: 25.45

Cum Job Weight 92.43

Est. Total Job 150.00

PH 0.000

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N.Y.D. 9.8.1.8.7.3.3.8.3

Manifest
Document No.

21002

2. Page 1
of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street
Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

92079N

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a. Non-DOT Regulated, Coal Tar By-products waste

0 0 1 DT Est. 30 T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

05 06 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

TOM BOGART

Signature

Tom Bogart

Month Day Year

05 06 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Prew

Signature

Tina Prew

Month Day Year

05 06 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012797 Time In Time Out 12:42 Date 05-06-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 102800 lb
Tare : 35160 lb STO
=====

Net : 67640 lb

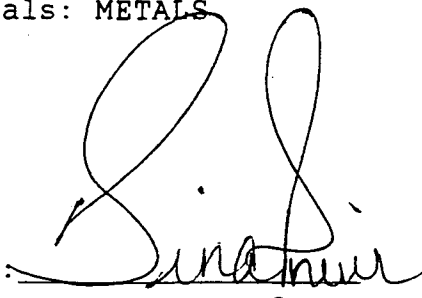
Truck No. : M-31
hauler : mangiardi

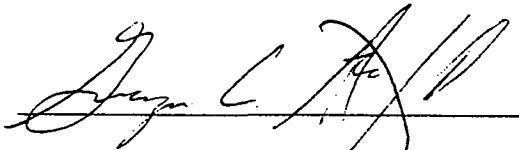
Net Tons : 33.82

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530013

Weight This Ticket: 33.82

IPH 0.000

Cum Job Weight 126.25

Est. Total Job 150.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. N Y D 9 8 1 8 7 3 3 8 3		Manifest Document No. 2 1 0 0 4	2. Page 1 of 1		SIR	
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088					Madison Street Rome, NY 13440			
4. Generator's Phone (315) 460-2351 Frank J. Grabowski								
5. Transporter 1 Company Name Mangiardi Brothers Trucking					6. US EPA ID Number 2629A4			
7. Transporter 2 Company Name					8. US EPA ID Number			
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828					10. US EPA ID Number			
					A. Transporter's Phone			
					B. Transporter's Phone			
					C. Facility's Phone (518) 747-5500			
11. Waste Shipping Name and Description					12. Containers		13. Total Quantity	
					No. Type		Unit	
a. Non-DOT Regulated, Coal Tar By-products Waste					0 0 1 D.T		Est. 34 T	
b.								
c.								
d.								
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816					E. Handling Codes for Wastes Listed Above T			
15. Special Handling Instructions and Additional Information								
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 Edwin B. Rahn					Signature <i>Edwin B Rahn</i>		Month Day Year 05 06 99	
17. Transporter 1 Acknowledgement: of Receipt of Materials					Signature <i>Guy C. Barta</i>		Month Day Year 05 06 99	
Printed/Typed Name GUY C. BARTA					Signature		Month Day Year	
18. Transporter 2 Acknowledgement: of Receipt of Materials					Signature		Month Day Year	
Printed/Typed Name					Signature		Month Day Year	
19. Discrepancy Indication Space								
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.								
Printed/Typed Name Tina Prieur					Signature <i>Tina Prieur</i>		Month Day Year 05 06 99	

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012807 Time In Time Out 13:41 Date 05-06-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 112920 lb
Tare : 41780 lb STO
=====

Net : 71140 lb

Truck No. : M-37
hauler : mangiardi

Net Tons : 35.57

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Sinatra

Driver : King

Weigh Master #: 530013

Weight This Ticket: 35.57

TPH 0.000

Cum Job Weight 161.82

Est. Total Job 750.00

**NON-HAZARDOUS WASTE
BILL OF LADING**

1. Generator's US EPA ID No.

N.Y.D. 9.8.1.8.7.3.3.8.3

Manifest
Document No.

2-1-0-0-5

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

Madison Street
Rome, NY 13440

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

77023 J

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

Non-DOT Regulated, Coal Tar By-products Waste

0.01 DT

Est.

33 T

b.

c.

d.

35.5 TONS

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year
05 06 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Peth Spencer

Signature

Peth Spencer

Month Day Year
05 06 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Pricer

Signature

Tina Pricer

Month Day Year
05 06 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012808 Time In Time Out 13:42 Date 05-06-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 112000 lb
Tare : 37960 lb STO
=====

Net : 74040 lb

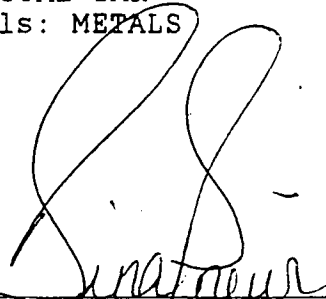
Truck No. : M-20
Hauler : Mangiardi

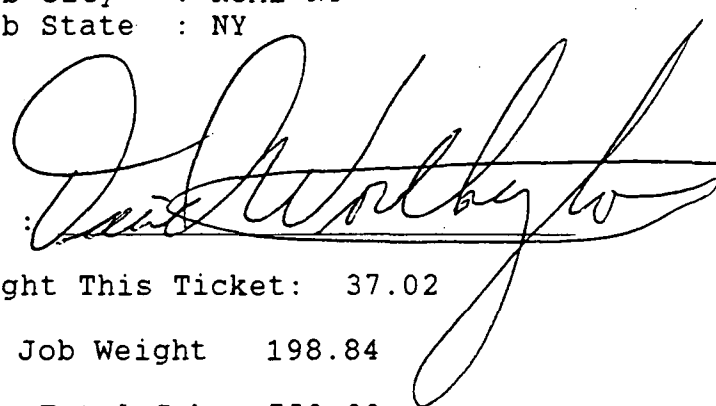
Net Tons : 37.02

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530013

Weight This Ticket: 37.02

IPH 0.000

Cum Job Weight 198.84

Est. Total Job 750.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NY D 9 8 1 8 7 3 3 8 3

Manifest
Document No.

2 1 0 0 6

2. Page 1

of

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) **460-2351**

Frank J. Grabowski

Madison Street

Rome, NY 13440

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

59256E

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

Non-DOT Regulated, Coal Tar By-products Waste

0 0 1

DT

Est.

34

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

05/06/99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

DAVID Worthington

Signature

David Worthington

Month Day Year

5/6/99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Preuer

Signature

Tina Preuer

Month Day Year

05/06/99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012815 Time In Time Out 14:41 Date 05-06-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 122420 lb
Tare : 39020 lb STO
=====

Net : 83400 lb

Truck No. : M-32
Trailer : MANGIARDI

Net Tons : 41.70

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :

Driver :

Weigh Master #:

Weight This Ticket: 41.70

Cum Job Weight 240.54

Est. Total Job 750.00

PH 0.000

**NON-HAZARDOUS WASTE
BILL OF LADING**

1. Generator's US EPA ID No.

N.Y.D.9.8.1.8.7.3.3.8.3

Manifest
Document No.

21007

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street

Rome, NY 13440

4. Generator's Phone (**315**) **460-2351**

Frank J. Crabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

92006N

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a.

Non-DOT Regulated, Coal Tar By-products Waste

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

Est.

0 0 1

DT

36

T

b.

c.

d.

**41.70
Tons**

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B Rahn

Month Day Year

05 06 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

RON FERNETT

Signature

Ron Fennett

Month Day Year

15 06 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Prew

Signature

Tina Prew

Month Day Year

10 06 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012819 Time In

Time Out 15:10

Date 05-06-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 100720 lb
Tare : 36900 lb STO
=====

Net : 63820 lb

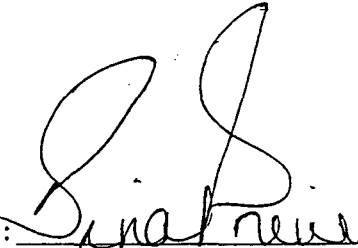
Truck No. : RS-1
Hauler : Mangiardi

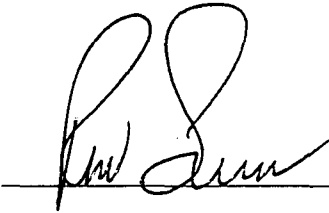
Net Tons : 31.91

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530013

Weight This Ticket: 31.91

TPH 0.000

Cum Job Weight 272.45

Est. Total Job 750.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NY D 9 8 1 8 7 3 3 8 3

Manifest
Document No.

2 1 0 0 8

2. Page 1
of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street

Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

17214N

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

Non-DOT Regulated, Coal Tar By-products Waste

0 0 1

DT

Est.

34

T

b.

c.

d.

*31.91
Tons*

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B Rahn

Month Day Year
05 06 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Ron Scrum

Signature

Ron Scrum

Month Day Year
05 06 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Lina Treuer

Signature

Lina Treuer

Month Day Year
05 06 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012828 Time In

Time Out 15:48

Date 05-06-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 115020 lb
Tare : 38520 lb STO

=====
Net : 76500 lb

Truck No. : M-21
Hauler : MANGIARDI

Net Tons : 38.25

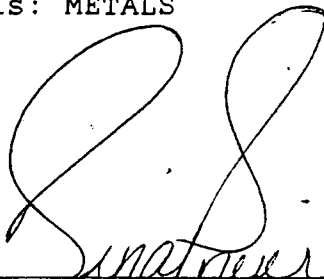
Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

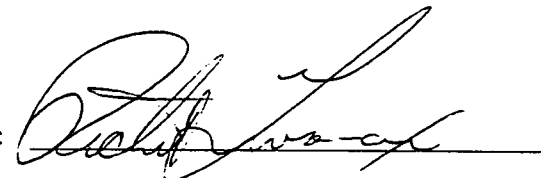
Notes:

Weigh Master

Weigh Master #:


530013

Driver :



Weight This Ticket: 38.25

Cum Job Weight 310.70

Est. Total Job 750.00

EPH

0.000

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. N. Y. D. 9. 8. 1. 8. 7. 3. 3. 8. 3		Manifest Document No. 2. 1. 0. 8. 10		2. Page 1 of 1		SIR						
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088						Madison Street Rome, NY 13440								
4. Generator's Phone (315) 460-2351						Frank J. Grahowski								
5. Transporter 1 Company Name <i>Mangiardi Brother Trucking</i>				6. US EPA ID Number		62556N								
7. Transporter 2 Company Name				8. US EPA ID Number										
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828				10. US EPA ID Number		A. Transporter's Phone								
						B. Transporter's Phone								
						C. Facility's Phone (518) 747-5500								
11. Waste Shipping Name and Description a. Non-DOT Regulated, Coal Tar By-products Waste						12. Containers		13. Total Quantity		14. Unit Wt/Vol				
						No. Type		Est.						
						0 0 1		35		T				
b.														
c.														
d.														
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816						E. Handling Codes for Wastes Listed Above T								
15. Special Handling Instructions and Additional Information														
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 <i>Edwin B. Rahn</i>						Signature <i>Edwin B. Rahn</i>			Month Day Year 05 06 99					
17. Transporter 1 Acknowledgement of Receipt of Materials						Printed/Typed Name <i>Richard Two-Axe</i>			Signature <i>Richard J. Two-Axe</i>			Month Day Year 05 06 99		
18. Transporter 2 Acknowledgement of Receipt of Materials						Printed/Typed Name			Signature			Month Day Year		
19. Discrepancy Indication Space														
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.														
Printed/Typed Name <i>Tina Proulx</i>						Signature <i>Tina Proulx</i>			Month Day Year 05 06 99					

GENERATOR

TRANSPORTER

FACILITY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012829 Time In Time Out 15:49 Date 05-06-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 114920 lb
Tare : 39360 lb STO
=====

Net : 75560 lb

Truck No. : M-33
Hauler : mangiardi

Net Tons : 37.78

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : *Sina New*

Driver : *[Signature]*

Weigh Master #: 530013

Weight This Ticket: 37.78

IPH 0.000

Cum Job Weight 348.48

Est. Total Job 750.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NY D 9 8 1 8 7 3 3 8 3

Manifest
Document No.

2 1 0 0 9

2. Page 1
of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street

Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Margiardi Brothers Trucking

6. US EPA ID Number

77024J

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a. Non-DOT Regulated, Coal Tar By-products Waste

0 0 1 DT

Est.

32

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year
05 06 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

JOSS H. Osley

Signature

JOSS H. Osley

Month Day Year
05 06 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Lina Faur

Signature

Lina Faur

Month Day Year
05 06 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012835 Time In Time Out 07:35 Date 05-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 110360 lb
Tare : 35300 lb STO
=====

Net : 75060 lb

Truck No. : m-36
Hauler : MANGIARDI

Net Tons : 37.53

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : *Robert D. Ford* Driver : *Cam M. H.*

Weigh Master #: *530209*

Weight This Ticket: 37.53

Cum Job Weight 386.01

TPH 0.000

Est. Total Job 750.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

Manifest
Document No.

2. Page 1
of 1

SIR

NY D 9 8 1 8 7 3 3 8 3 2 1 0 9 1 4

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street

Rome, NY 13440

4. Generator's Phone (**315**) **460-2351**

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiarini Brothers Trucking

6. US EPA ID Number

45515H

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone **(518) 477-8940**

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.
Total
Quantity

14.
Unit
Wt/Vol

a.

Non-DOT Regulated, Coal Tar By-products Waste

0 0 1

DT

Est.

32

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

I

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Edwin B. Rahn

05 06 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

Gus Meltch

Gus Meltch

05 06 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Robert T. ...

Robert T. ...

T/S/D/F COPY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012836 Time In Time Out 07:36 Date 05-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 124560 lb
Tare : 37460 lb STO
=====

Net : 87100 lb

Truck No. : m-30
Hauler : MANGIARDI

Net Tons : 43.55

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Richard Truel

Driver : Mark Van Alstyne

M-30

Weigh Master #: 530104

Weight This Ticket: 43.55

Cum Job Weight 429.56

TPH 0.000

Est Total Job 750.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. NYD981873383	Manifest Document No. 210811	2. Page 1 of 1	STR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088			Madison Street Rome, NY 13480		
4. Generator's Phone ()					
5. Transporter 1 Company Name <i>Mangini Brothers Trucking</i>		6. US EPA ID Number		90147R	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone 518-477-8440 B. Transporter's Phone C. Facility's Phone (518) 747-5500	
11. Waste Shipping Name and Description			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated, Coal Tar By-products Waste			0 0 1 D.T	Est. 35	T
b.				43.55	
c.				PA	
d.					
D. Additional Descriptions for Materials Listed Above NYS Waste Code R816			E. Handling Codes for Wastes Listed Above T		
15. Special Handling Instructions and Additional Information					
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 <i>Edwin B. Rabin</i>		Signature <i>Edwin B. Rabin</i>		Month Day Year 05 06 99	
17. Transporter 1 Acknowledgement of Receipt of Materials		Printed/Typed Name <i>Mark Van Arman</i>		Signature <i>Mark Van Arman</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials		Printed/Typed Name		Signature	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <i>Richard Trudeau</i>		Signature <i>Richard Trudeau</i>		Month Day Year	

T/S/D/F COPY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012838 Time In Time Out 07:50 Date 05-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 114140 lb
Tare : 37860 lb STO
=====

Net : 76280 lb

Truck No. : m-25
Hauler : Mangiardi

Net Tons : 38.14

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Robert T. Thiel Driver : Tommy Byrnes

Weigh Master #: 530104

Weight This Ticket: 38.14

Cum Job Weight 467.70

TPH 0.000

Est. Total Job 750.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. NYD981873383	Manifest Document No. 210913	2. Page 1 of 1	SIR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088				Madison Street Rome, NY 13440	
4. Generator's Phone (315) 460-2351 Frank J. Grabowski					
5. Transporter 1 Company Name <i>Mangione Brothers Trucking</i>		6. US EPA ID Number		92079N	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Port Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (518) 477-8410 B. Transporter's Phone C. Facility's Phone (518) 747-5500	
11. Waste Shipping Name and Description a. Non-DOT Regulated, Coal Tar By-products Waste b. c. d.				12. Containers No.	13. Total Quantity Est.
				001DT	30 T
					38.14
					ETI
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816				E. Handling Codes for Wastes Listed Above T	
15. Special Handling Instructions and Additional Information					
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 Edwin B. Raho			Signature <i>Edwin B. Raho</i>		Month Day Year 10/5/99
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Tom...</i>			Signature <i>Tom...</i>		Month Day Year 10/6/99
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <i>Robert T. Lupo</i>			Signature <i>Robert T. Lupo</i>		Month Day Year 10/7/99

T/S/D/F COPY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012839 Time In Time Out 07:52 Date 05-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 113400 lb
Tare : 35160 lb STO
=====

Net : 78240 lb

Truck No. : m-31
Hauler : mangiardi

Net Tons : 39.12

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Robert F. Thiel Driver : Ca

Weigh Master #: 530104

Weight This Ticket: 39.12

Cum Job Weight 506.82

Est. Total Job 750.00

TPH 0.000

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. NYD981873383210812	Manifest Document No. 12	2. Page 1 of 1	SIR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088			Madison Street Rome, NY 13440		
4. Generator's Phone (315) 460-2351			Frank J. Grahowski		
5. Transporter 1 Company Name Mangiardi Brothers Trucking		6. US EPA ID Number		2629A4	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ESM Wf New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (518) 477-8440 B. Transporter's Phone C. Facility's Phone (518) 747-5500	
11. Waste Shipping Name and Description				12. Containers	13. Total Quantity
a. Non-DOT Regulated, Coal Tar By-products Waste				No.	14. Unit Wt/Vol
				Type	Est.
				001DT	36 T
b.					39.12
c.					BT
d.					
D. Additional Descriptions for Materials Listed Above NYS Waste Code N815				E. Handling Codes for Wastes Listed Above T	
15. Special Handling Instructions and Additional Information					
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 Edwin B. Rahn			Signature Edwin B. Rahn		Month Day Year 05/06/99
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					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Richard Tindale			Signature Richard Tindale		Month Day Year 7/99

T/S/D/F COPY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012865 Time In

Time Out 11:05

Date 05-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 124660 lb
Tare : 37960 lb STO

Net : 86700 lb

Truck No. : M-20
Hauler : Mangiardi

Net Tons : 43.35

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :

Driver :

Weigh Master #:

Weight This Ticket: 43.35

TPH 0.000

Cum Job Weight 550.17

Est. Total Job 750.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. NY D 9 8 1 9 7 3 3 8 3	Manifest Document No. 210015	2. Page 1 of 1	SIR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088				Madison Street Rome, NY 13440	
4. Generator's Phone (315) 460-2351		Frank J. Grabowski			
5. Transporter 1 Company Name Mangiardi Brothers Trucking		6. US EPA ID Number		59256 E	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (518) 477-8940 B. Transporter's Phone C. Facility's Phone (518) 747-5500	
11. Waste Shipping Name and Description a. Non-DOT Regulated, Coal Tar By-products Waste				12. Containers No.	13. Total Quantity Est.
				Type	14. Unit Wt/Vol
				0 0 1 DT	35 T
b. c. d.				43.35 TONS	
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816				E. Handling Codes for Wastes Listed Above T	
15. Special Handling Instructions and Additional Information					
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 Edwin B. Rahn		Signature <i>Edwin B. Rahn</i>		Month Day Year 05 07 99	
17. Transporter 1 Acknowledgement of Receipt of Materials		Signature <i>David Worthington</i>		Month Day Year 5/17/99	
Printed/Typed Name DAVE Worthington		Signature		Month Day Year	
18. Transporter 2 Acknowledgement of Receipt of Materials		Signature		Month Day Year	
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Lina Priour		Signature <i>Lina Priour</i>		Month Day Year 05 07 99	

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012876 Time In Time Out 13:16 Date 05-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 119380 lb
Tare : 39020 lb STO
=====

Net : 80360 lb

Truck No. : M-16
Hauler : MANGIARDI

Net Tons : 40.18

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master

Driver :

Weigh Master #:

Weight This Ticket: 40.18

Cum Job Weight 590.35

Est. Total Job 750.00

PH 0.000

GENERATOR

TRANSPORTER

FACILITY

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NY D 9 8 1 8 7 3 3 8 3 2 1 0 1 7

Manifest
Document No.

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.
7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street
Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

77027J - NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York
304 Towpath Road
Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone **(518) 477-8940**

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.
Total
Quantity

14.
Unit
Wt/Vol

a. **Non-DOT Regulated, Coal Tar By-products Waste**

0 0 1 DT 35 T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year
10 50 7 1999

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Gene Brown

Signature

Gene Brown

Month Day Year
10 50 7 1999

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Lina Truitt

Signature

Lina Truitt

Month Day Year
10 50 7 1999

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012879 Time In Time Out 13:19 Date 05-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 120240 lb
Tare : 38060 lb STO
=====

Net : 82180 lb

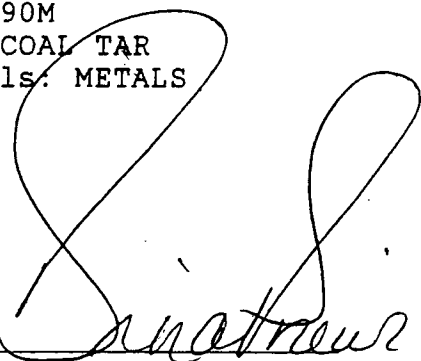
Truck No. : M-22
Hauler : Mangiardi

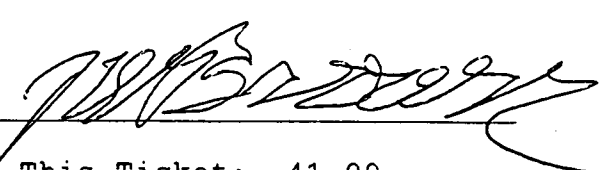
Net Tons : 41.09

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530013

Weight This Ticket: 41.09

PH 0.000

Cum Job weight 631.44

Est. Total Job 750.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. N.Y.D.9.8.1.8.7.3.3.8.3	Manifest Document No. 2.1.0.1.6	2. Page 1 of 1	SIR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088			Madison Street Rome, NY 13440		
4. Generator's Phone (315) 460-2351		Frank J. Grabowski			
5. Transporter 1 Company Name <i>Margiardi Brothers Trucking</i>		6. US EPA ID Number		77016J-NY	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (518) 477-8940 B. Transporter's Phone C. Facility's Phone (518) 747-5500	
11. Waste Shipping Name and Description			12. Containers	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated, Coal Tar By-products Waste			No. Type	Est.	
			0 0 1 DT	36	T
b.					
c.					
d.					
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816			E. Handling Codes for Wastes Listed Above T		
15. Special Handling Instructions and Additional Information					
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 <i>Edwin B. Rahn</i>		Signature <i>Edwin B. Rahn</i>		Month Day Year 05 07 99	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>JW Bralley</i>		Signature <i>JW Bralley</i>		Month Day Year 05 07 99	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.					
Printed/Typed Name <i>Uma P. Paul</i>		Signature <i>Uma P. Paul</i>		Month Day Year 05 07 99	

GENERATOR

TRANSPORTER

FACILITY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012883 Time In Time Out 13:57 Date 05-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 108440 lb KEY
Tare : 37460 lb STO
=====

Net : 70980 lb

Truck No. : M-30
Hauler : MANGIARDI

Net Tons : 35.49

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :

Weigh Master #:

PH 0.000

Driver :

Weight This Ticket: 35.49

Cum Job Weight 666.93

Est. Total Job 750.00

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012885 Time In Time Out 14:19 Date 05-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 95540 lb KEY
Tare : 34620 lb STO
=====

Net : 60920 lb

Truck No. : M-36
Hauler : MANGIARDI

Net Tons : 30.46

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :

Weigh Master #:

PH 0.000

Driver :

Weight This Ticket: 30.46

Cum Job Weight 697.39

Est. Total Job 750.00

**NON-HAZARDOUS WASTE
BILL OF LADING**

1. Generator's US EPA ID No.

N Y D 9 8 1 8 7 3 3 8 3 2 1 0 1 8

Manifest
Document No.

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (**315**) **460-2351**

Frank J. Grabowski

Madison Street

Rome, NY 13440

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

45515H -NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone **(518) 477-8940**

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a.

Non-DOT Regulated, Coal Tar By-products Waste

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

Est.

0 0 1 DT 32 T

b.

c.

d.

**30.46
Tons**

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B Rahn

Month Day Year

05 07 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Gus Melick

Signature

Gus Melick

Month Day Year

05 07 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Freur

Signature

Tina Freur

Month Day Year

05 07 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 012893 Time In Time Out 15:21 Date 05-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 108000 lb
Tare : 35160 lb STO
=====

Net : 72840 lb

Truck No. : M-31
Hauler : mangiardi

Net Tons : 36.42

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Sina Reur

Driver : G. K. K.

Weigh Master #: 530013

Weight This Ticket: 36.42

PH 0.000

Cum Job Weight 733.81

Est. Total Job 750.00

**NON-HAZARDOUS WASTE
BILL OF LADING**

1. Generator's US EPA ID No.

N Y D 9 8 1 8 7 3 3 8 3

Manifest
Document No.
2 1 0 2 0

2. Page 1

of **1**

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street

Rome, NY 13440

4. Generator's Phone (**315**) **460-2351**

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

2629A4-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone **(518) 477-8940**

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a. **Non-DOT Regulated, Coal Tar By-products Waste**

0 0 1

DT

Est.

36

T

b.

c.

d.

*Block
Tons*

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B Rahn

Signature

Edwin B Rahn

Month Day Year

05 07 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

GREGORY C. BALTZEL

Signature

Gregory C. Baltzel

Month Day Year

05 07 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Tneuz

Signature

Tina Tneuz

Month Day Year

05 07 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013225 Time In Time Out 10:12 Date 05-18-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 106940 lb
Tare : 39020 lb STO
=====

Net : 67920 lb

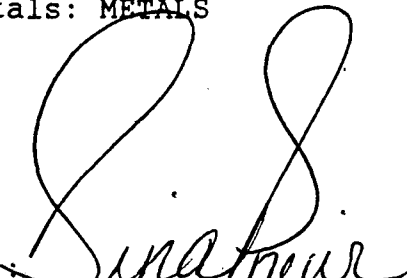
Truck No. : M-32
Hauler : MANGIARDI

Net Tons : 33.96

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530013

Weight This Ticket: 33.96

Cum Job Weight 767.77

PH 0.000

Est. Total Job 1500.00

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013226 Time In Time Out 10:54 Date 05-18-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 102020 lb
Tare : 36900 lb STO
=====

Net : 65120 lb

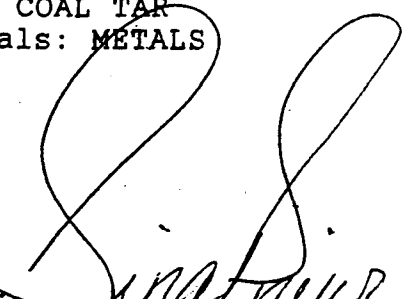
Truck No. : RS-1
Hauler : Mangiardi

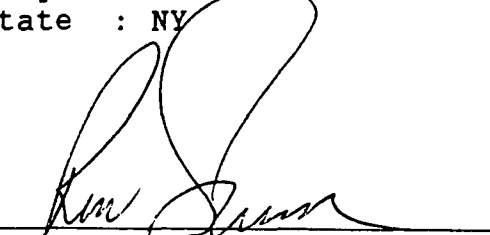
Net Tons : 32.56

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530913

Weight This Ticket: 32.56

PH 0.000

Cum Job Weight 800.33

Est. Total Job 1500.00

**NON-HAZARDOUS WASTE
BILL OF LADING**

1. Generator's US EPA ID No.

N.Y.D.9.8.1.8.7.3.3.8.3.2.1.0.2.2

Manifest
Document No.

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.
7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

Madison Street
Rome, NY 13440

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

17214N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York
304 Towpath Road
Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 477-8940

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a.

Non-DOT Regulated, Coal Tar by-products Waste

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

Est.

0 0 1

DT

34

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B Rahn

Month Day Year

05 18 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Ron Scum

Signature

Ron Scum

Month Day Year

05 18 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Preuer

Signature

Tina Preuer

Month Day Year

05 18 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013228

Time In

Time Out 11:07

Date 05-18-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 98520 lb
Tare : 38520 lb STO
=====

Net : 60000 lb

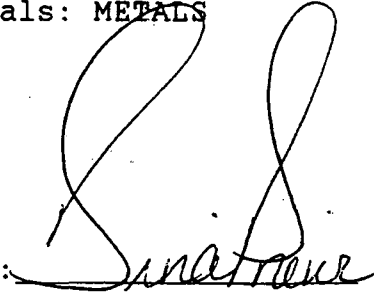
Truck No. : M-21
Hauler : MANGIARDI

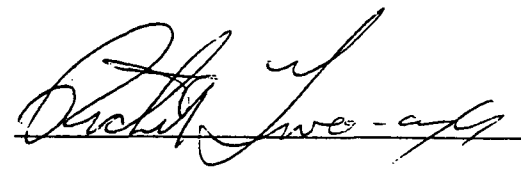
Net Tons : 30.00

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530013

Weight This Ticket: 30.00

Cum Job Weight 830.33

Est. Total Job 1500.00

PH 0.000

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NYD98187338321023

Manifest
Document No.

2. Page 1
of 1

STR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street

Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

6. US EPA ID Number

Maniardi Brothers Trucking

102556N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

10. US EPA ID Number

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

A. Transporter's Phone (518) 477-8440

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

Est.

Non-DOT Regulated, Coal Tar by-products Waste

001 DT 35 T

b.

c.

d.

20.00
TCR

D. Additional Descriptions for Materials Listed Above

E. Handling Codes for Wastes Listed Above

NYS Waste Code MB16

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rabin

Edwin B. Rabin

05/18/99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

Robert T. Rabin

Robert T. Rabin

05/18/99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Frank J. Grabowski

Frank J. Grabowski

05/18/99

T/S/D/F COPY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013232

Time In

Time Out 11:39

Date 05-18-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 105680 lb
Tare : 39020 lb STO
=====

Net : 66660 lb

Truck No. : M-16
Hauler : MANGIARDI

Net Tons : 33.33

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master

Weigh Master #:

PH 0.000

Driver :

Weight This Ticket: 33.33

Cum Job Weight 863.66

Est. Total Job 1500.00

**NON-HAZARDOUS WASTE
BILL OF LADING**

1. Generator's US EPA ID No.

NYD98187338321025

Manifest
Document No.

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (**315**) **460-2351**

Frank J. Grabowski

Madison Street

Rome, NY 13440

5. Transporter 1 Company Name

Mangardi Brothers Trucking

6. US EPA ID Number

77027 J - NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone **(518) 477-8940**

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a. **Non-DOT Regulated, Coal Tar By-products Waste**

001 DT Est. 35 T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rubin

Signature

Edwin B. Rubin

Month Day Year

05/18/99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Joe [unclear]

Signature

[Signature]

Month Day Year

05/18/99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Mike [unclear]

Signature

[Signature]

Month Day Year

05/18/99

T/S/D/F COPY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013235 Time In Time Out 12:00 Date 05-18-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 102160 lb
Tare : 38060 lb STO
=====

Net : 64100 lb

Truck No. : M-22
Hauler : Mangiardi

Net Tons : 32.05

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : *[Signature]* Driver : *[Signature]*

Weigh Master #:

330013

Weight This Ticket: 32.05

Cum Job Weight 895.71

TPH 0.000

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. NY D 9 8 1 8 7 3 3 8 3	Manifest Document No. 2 1 0 2 4	2. Page 1 of 1	SIR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088				Madison Street Rome, NY 13440	
4. Generator's Phone (315) 460-2351				Frank J. Grabowski	
5. Transporter 1 Company Name Mangiardi Brothers Trucking		6. US EPA ID Number		77016J-NY	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (518) 477-8940 B. Transporter's Phone C. Facility's Phone (518) 747-5500	
11. Waste Shipping Name and Description				12. Containers	13. Total Quantity
				No.	Type
a. Non-DOT Regulated, Coal Tar By-products Waste				0 0 1	DT 34 T
b.					
c.					
d.					
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816				E. Handling Codes for Wastes Listed Above T	
15. Special Handling Instructions and Additional Information					
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 Edwin B. Rahn			Signature <i>Edwin B Rahn</i>		Month Day Year 05/18/99
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name J W Brown			Signature <i>JWB</i>		Month Day Year 05/18/99
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.					
Printed/Typed Name Lina Trieur			Signature <i>Lina Trieur</i>		Month Day Year 05/18/99

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013251 Time In

Time Out 14:14

Date 05-18-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 90460 lb
Tare : 37860 lb STO
=====

Net : 52600 lb

Truck No. : M-25
Hauler : Mangiardi

Net Tons : 26.30

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master

Driver :

Weigh Master #:

Weight This Ticket: 26.30

PH 0.000

Cum Job Weight 922.01

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. NY d 9 8 1 8 7 3 3 8 3	Manifest Document No. 2 1 0 2 7	2. Page 1 of 1	SIR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088				Madison Street Rome, NY 13440	
4. Generator's Phone (315) 460-2351		Frank J. Crabowski			
5. Transporter 1 Company Name Mangiardi Brothers Trucking		6. US EPA ID Number		92079N-NY	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (518) 477-8940 B. Transporter's Phone C. Facility's Phone (518) 747-5500	
11. Waste Shipping Name and Description Non-DOT Regulated, Coal Tar By-products Waste				12. Containers	13. Total Quantity
				No. Type	Unit
a.				0 0 1 DT	Est. 30 T
b.					
c.					
d.					
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816				E. Handling Codes for Wastes Listed Above T	
15. Special Handling Instructions and Additional Information					
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 Edwin B. Rahn			Signature <i>Edwin B Rahn</i>		Month Day Year 05/18/99
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name TOM BOGART			Signature <i>T Bogart</i>		Month Day Year 15/18/99
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator. Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Tina Pigneur			Signature <i>Tina Pigneur</i>		Month Day Year 05/18/99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013253 Time In Time Out 14:19 Date 05-18-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 85820 lb
Tare : 38020 lb STO
=====

Net : 47800 lb

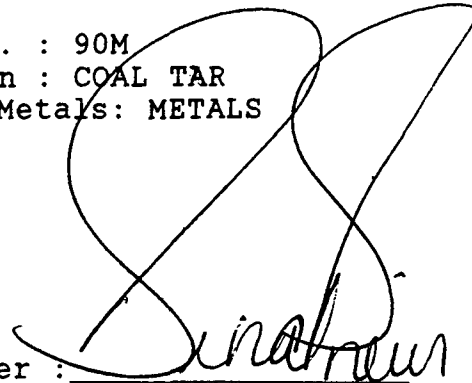
Truck No. : M-34
Hauler : MANGIARDI

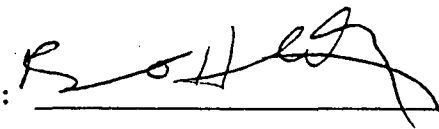
Net Tons : 23.90

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530075

Weight This Ticket: 23.90

WPH 0.000

Cum Job Weight 945.91

Est. Total Job 1500.00

**NON-HAZARDOUS WASTE
BILL OF LADING**

1. Generator's US EPA ID No.

N.T.D.9.8.1.8.7.3.3.8.3

Manifest
Document No.

2.1.0.2.8

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (**315**) **460-2351**

Frank J. Grabowski

Madison Street

Rome, NY 13440

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

77018J-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone **(518) 477-8940**

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a.

Non-DOT Regulated, Coal Tar By-products Waste

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

12. Containers

No.

Type

13. Total
Quantity

Est.

14. Unit
Wt/Vol

0 0 1

DT

30

T

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B Rahn

Month Day Year

10/5/18/99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

BRENT HAYLINS

Signature

Brent Haylins

Month Day Year

10/5/18/99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Treuer

Signature

Tina Treuer

Month Day Year

10/5/18/99

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013255 Time In Time Out 14:21 Date 05-18-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 96500 lb
Tare : 37700 lb STO
=====

Net : 58800 lb

Truck No. : M-26
Hauler : MANGIARDI

Net Tons : 29.40

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Ana New Driver : Jewell M-26

Weigh Master #: 530013

Weight This Ticket: 29.40

Cum Job Weight 975.31

PH 0.000

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N.Y.D.9.8.1.8.7.3.3.8.3

Manifest
Document No.
2.1.0.2.6

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street

Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

770281-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 477-8940

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a.

Non-DOT Regulated, Coal Tar By-products Waste

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

Est.

0.01 DT 36 T

b.

c.

d.

29.40
Tons

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

10/5/18/99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

John W. Roehlman

Signature

John W. Roehlman

Month Day Year

10/5/18/99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

10/5/18/99

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Preuer

Signature

Tina Preuer

Month Day Year

10/5/18/99

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013272 Time In Time Out 16:15 Date 05-18-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 112960 lb
Tare : 39020 lb STO
=====

Net : 73940 lb

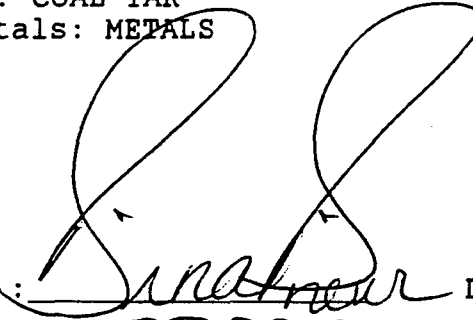
Truck No. : M-32
Hauler : MANGIARDI

Net Tons : 36.97

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :  Driver : 

Weigh Master #: 530013

Weight This Ticket: 36.97

PH 0.000

Cum Job Weight 1012.28

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N.Y.D.9.8.1.8.7.3.3.8.3

Manifest
Document No.

2.1.0.2.9

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

Madison Street

Rome, NY 13440

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

92006N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 477-8940

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a. Non-DOT Regulated, Coal Tar By-products Waste

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

10/5/89

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

RON FERNETT

Signature

Ron Fennett

Month Day Year

05/18/99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Signature

Signature

Month Day Year

10/5/89

TURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013278 Time In Time Out 07:12 Date 05-19-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 105860 lb
Tare : 38520 lb STO
=====

Net : 67340 lb

Truck No. : m-21
Hauler : MANGIARDI

Net Tons : 33.67

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Rabert Phil Driver : Robert Loo-ay

Weigh Master #: 530104

Weight This Ticket: 33.67

Cum Job Weight 1045.95

Est. Total Job 1500.00

TPH 0.000

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N.Y.D.9.8.1.8.7.33.8.3

Manifest
Document No.

21-031

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

Mohawk Street

Rm. NY 13440

5. Transporter 1 Company Name

Morganti Brothers Trucking

6. US EPA ID Number

62556N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMT of Albany

304 Tappan Rd

Port Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 477-2770

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a. Non-DOT Regulated, Coal Tar By product Waste

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

001 DT

Est

35 T

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

05/18/99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Rickie Two-Axe

Signature

Rickie Two-Axe

Month Day Year

05/18/99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

.

19. Discrepancy Indication Space

3367 tons PIT

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

Printed/Typed Name

Richard T. Miller

Signature

Richard T. Miller

Month Day Year

5/19/99

T/S/D/F COPY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013279 Time In Time Out 07:14 Date 05-19-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 104080 lb
Tare : 36900 lb STO
=====

Net : 67180 lb

Truck No. : rs-1
Hauler : Mangiardi

Net Tons : 33.59

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : *Robert Thiel*

Driver : *Robert Thiel*

Weigh Master #: _____

Weight This Ticket: 33.59

TPH 0.000

Cum Job Weight 1079.54

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. N.T.D.9.8.1.8.7.3.3.8.3	Manifest Document No. 2.1.0.3.0	2. Page 1 of 1	SIR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088				Madison Street Rome, NY 13440	
4. Generator's Phone (315) 460-2351		Frank J. Grabowski			
5. Transporter 1 Company Name <i>Merrill</i>		6. US EPA ID Number		17214N-NY	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ESM of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (518) 477-2410 B. Transporter's Phone C. Facility's Phone (518) 747-5500	
11. Waste Shipping Name and Description a. Non-DOT Regulated, Coal Tar By-products Waste b. c. d.			12. Containers	13. Total Quantity	14. Unit Wt/Vol
			No.	Type	
			001		Est. 34 T
D. Additional Descriptions for Materials Listed Above EYS Waste Code N816			E. Handling Codes for Wastes Listed Above T		
15. Special Handling Instructions and Additional Information					
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 <i>Edwin B. Rahn</i>		Signature <i>Edwin B. Rahn</i>		Month Day Year 05/18/99	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>Don Scum</i>		Signature <i>Don Scum</i>		Month Day Year 05/18/99	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space 33.59 tons RTT					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.					
Printed/Typed Name <i>Richard T. Clark</i>		Signature <i>Richard T. Clark</i>		Month Day Year 05/19/99	

T/S/D/F COPY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013280 Time In Time Out 07:35 Date 05-19-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 108860 lb
Tare : 37700 lb STO
=====

Net : 71160 lb

Truck No. : m-26
auler : MANGIARDI

Net Tons : 35.58

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :

Driver :

Weigh Master #:

Weight This Ticket: 35.58

PH 0.000

Cum Job Weight 1115.12

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

W.Y.D. 9.8.1.8.7.3.3.8.3.2.1.0.3.5

Manifest
Document No.

2. Page 1
of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351 Frank J. Grabowski

Madison Street
Rome, NY 13440

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

770 285-143

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York
304 Towpath Road
Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 477-8940

B. Transporter's Phone

C. Facility's Phone (518) 747-5500

11. Waste Shipping Name and Description

a. Non-DOT Regulated, Coal Tar By-products Waste

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

0.01 D.T.

Est.

T

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

05 18 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

John W. Pehlman

Signature

John W. Pehlman

Month Day Year

05 18 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

.

19. Discrepancy Indication Space

35.58 lbs

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

Printed/Typed Name

Richard Trubone

Signature

Richard Trubone

Month Day Year

5 19 99

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013282 Time In Time Out 07:41 Date 05-19-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 114780 lb
Tare : 39020 lb STO
=====

Net : 75760 lb

Truck No. : m-16
Hauler : MANGIARDI

Net Tons : 37.88

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : *Richard E. Thresh*

Driver : *Bronie*

Weigh Master #: *53c1af*

Weight This Ticket: 37.88

TPH 0.000

Cum Job Weight 1153.00

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NYD 98187338321032

Manifest
Document No.

2. Page 1
of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone

(315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6.

US EPA ID Number

Madison Street

Rome, NY 13440

77027J-NY

7. Transporter 2 Company Name

8.

US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Ft. Edwards, NY 12828

10.

US EPA ID Number

A. Transporter's Phone (518) 477-8940

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a.

Non-DOT Regulated, Coal Tar By-products Waste

12. Containers

No.

Type

13.
Total
Quantity

14.
Unit
Wt/Vol

0.01 DT

Est.

35 T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

05/18/99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Greg Brown

Signature

Greg Brown

Month Day Year

05/18/99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

.

19. Discrepancy Indication Space

3788

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

Printed/Typed Name

Richard Trudeau

Signature

Richard Trudeau

Month Day Year

.

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013284 Time In Time Out 07:48 Date 05-19-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 95260 lb
Tare : 37860 lb STO
=====

Net : 57400 lb

Truck No. : m-25
Hauler : Mangiardi

Net Tons : 28.70

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Rudolph Driver : T. Bryant

Weigh Master #: _____

Weight This Ticket: 28.70

Cum Job Weight 1181.70

PH 0.000

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. NY.D.9.8.1.8.7.3.3.8.3	Manifest Document No. 27036	2. Page 1 of 1	SIR	
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088				Madison Street Rome, NY 13440		
4. Generator's Phone (315) 460-2351 Frank J. Grabowski						
5. Transporter 1 Company Name Mangiardi Brothers Trucking		6. US EPA ID Number		770 92079N-NY		
7. Transporter 2 Company Name		8. US EPA ID Number				
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (518) 477-8940 B. Transporter's Phone C. Facility's Phone (518) 747-5500		
11. Waste Shipping Name and Description a. Non-DOT Regulated, Coal Tar By-products Waste b. c. d.				12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
				0.01 DT	Est. 30	T
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816				E. Handling Codes for Wastes Listed Above T		
15. Special Handling Instructions and Additional Information						
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 Edwin B. Rahn		Signature <i>Edwin B. Rahn</i>		Month Day Year 05/18/99		
17. Transporter 1 Acknowledgement of Receipt of Materials						
Printed/Typed Name TOM BOGART		Signature <i>T Bogart</i>		Month Day Year 05/18/99		
18. Transporter 2 Acknowledgement of Receipt of Materials						
Printed/Typed Name		Signature		Month Day Year		
19. Discrepancy Indication Space 2870 (R)						
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.						
Printed/Typed Name Richard Crudean		Signature <i>Richard Crudean</i>		Month Day Year 5/19/99		

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013285 Time In Time Out 07:51 Date 05-19-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 110060 lb
Tare : 38020 lb STO
=====

Net : 72040 lb

Truck No. : m-34
auler : MANGIARDI

Net Tons : 36.02

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Richard [Signature]

Driver : R [Signature]

Weigh Master #: 530104

Weight This Ticket: 36.02

PH 0.000

Cum Job Weight 1217.72

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NYD.9.8.1.8.7.33.83

Manifest
Document No.

21.034

2. Page 1
of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (*315*)

460-2351

Frank J. Grabowski

*Madison Street
Rome, NY 13440*

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

77D18J-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone *(518) 477-8940*

B. Transporter's Phone

C. Facility's Phone *(518) 747-5500*

11. Waste Shipping Name and Description

Non-DOT Regulated, Coal Tar By-products Waste

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

10.5.18.99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

BRENT HOTALING

Signature

Brent Hotaling

Month Day Year

1.5.18.99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

36.02

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

Printed/Typed Name

Richard Trudew

Signature

Richard Trudew

Month Day Year

5.1.9.99

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013283 Time In 07:47 Time Out 07:52 Date 05-19-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 106720 lb INB
Tare : 38060 lb KEY
=====

Net : 68660 lb

Truck No. : m-22
Hauler : Mangiardi

Net Tons : 34.33

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : *Robert Ford* Driver : *JW Brown*

Weigh Master #: *530104*

Weight This Ticket: 34.33

Cum Job Weight 1252.05

PH 0.000

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. <i>W.Y.D.9.8.1.8.7.3.3.8.3</i>	Manifest Document No. <i>21033</i>	2. Page 1 of <i>1</i>	<i>SIR</i>
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. <i>7437 Henry Clay Blvd., Liverpool, NY 13088</i>				Madison Street Rome, NY 13440	
4. Generator's Phone (<i>315</i>) <i>460-2351</i> <i>Frank J. Grabowski</i>					
5. Transporter 1 Company Name <i>Mangiardi Brothers Trucking</i>		6. US EPA ID Number		77016J-NY	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address <i>ESMI of New York</i> <i>304 Townpath Road</i> <i>Fort Edwards, NY 12828</i>		10. US EPA ID Number		A. Transporter's Phone (<i>518</i>) <i>477-8940</i>	
				B. Transporter's Phone	
				C. Facility's Phone <i>(518) 747-5500</i>	
11. Waste Shipping Name and Description			12. Containers	13. Total Quantity	14. Unit Wt/Vol
			No.	Type	
a. <i>Non-DOT Regulated, Coal Tar By-products Waste</i>			<i>0.01</i>	<i>DT</i>	<i>Est. 36 T</i>
b.					
c.					
d.					
D. Additional Descriptions for Materials Listed Above <i>NYS Waste Code N816</i>			E. Handling Codes for Wastes Listed Above <i>T</i>		
15. Special Handling Instructions and Additional Information					
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 <i>Edwin B. Rahn</i>		Signature <i>Edwin B. Rahn</i>		Month Day Year <i>05/18/99</i>	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>T W BROWN</i>		Signature <i>T W BROWN</i>		Month Day Year <i>05/18/99</i>	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space <i>34.33</i>					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <i>Richard Trudeau</i>		Signature <i>Richard Trudeau</i>		Month Day Year <i>05/19/99</i>	

GENERATOR

TRANSPORTER

FACILITY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013318 Time In Time Out 13:33 Date 05-19-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 111940 lb KEY
Tare : 38520 lb STO
=====

Net : 73420 lb

Truck No. : M-21
Hauler : MANGIARDI

Net Tons : 36.71

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :

Driver :

Weigh Master #:

Weight This Ticket: 36.71

PH 0.000

Cum Job Weight 1288.76

Est. Total Job 1500.00

**NON-HAZARDOUS WASTE
BILL OF LADING**

1. Generator's US EPA ID No.

N.Y.D.9.8.1.8.7.3.3.8.3

Manifest
Document No.

2.1.0.3.7

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

Madison Street

Rome, NY 13440

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

.....

62556N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

.....

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

.....

A. Transporter's Phone *(518) 477-8840*

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a. Non-DOT Regulated, Coal Tar By-products Waste

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

Est.

0 0 1

DOT

36

T

b.

c.

d.

*36.71
Tons*

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B Rahn

Month Day Year

10/5/1999

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Richie Two-Axe

Signature

Richie Two-Axe

Month Day Year

10/5/1999

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

.....

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Pigneur

Signature

Tina Pigneur

Month Day Year

10/5/1999

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013365 Time In Time Out 10:58 Date 05-20-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 83140 lb KEY
Tare : 34380 lb STO
=====

Net : 48760 lb

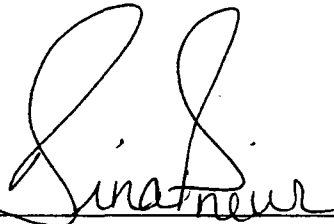
Truck No. : C-2
Hauler : CASON

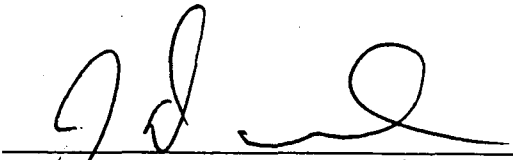
Net Tons : 24.38

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530013

Weight This Ticket: 24.38

PH 0.000

Cum Job Weight 1313.14

Est. Total Job 1500.00

38

**NON-HAZARDOUS WASTE
BILL OF LADING**

1. Generator's US EPA ID No.
NY D 9 8 1 8 7 3 3 8 3 2 1 0 3 5

Manifest
Document No.

2. Page 1
of 1

SIR

3. Generator's Name and Mailing Address
**NIAGARA MOHAWK POWER CORP.
7437 Henry Clay Blvd., Liverpool, NY 13088**

**Madison Street
Rome, NY 13440**

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name
Cason Inc.

6. US EPA ID Number

91049N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address
**ESMI of New York
304 Towpath Road
Fort Edwards, NY 12828**

10. US EPA ID Number

A. Transporter's Phone **(888) 302-2766**

B. Transporter's Phone

C. Facility's Phone
(518) 747-5500

11. Waste Shipping Name and Description

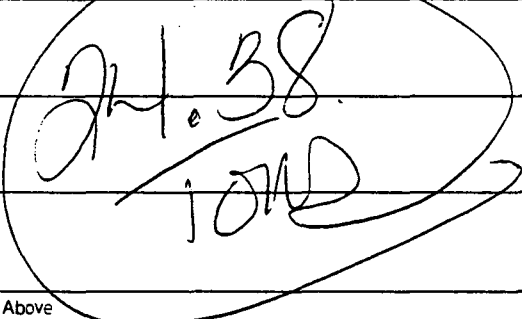
12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a. **Non-DOT Regulated, Coal Tar By-products Waste**

Est. 35 T
0 0 1 DT

b. 

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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
Edwin B. Rahn

Signature
Edwin B. Rahn

Month Day Year
10 5 20 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name
John Darrel

Signature
John Darrel

Month Day Year
5 20 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name
Lina Preuer

Signature
Lina Preuer

Month Day Year
10 5 30 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013368 Time In Time Out 11:19 Date 05-20-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 100780 lb KEY
Tare : 33560 lb STO
=====

Net : 67220 lb

Truck No. : TC-80
Trailer : CASON

Net Tons : 33.61

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Sinatra

Driver : Bob

Weigh Master #: 530073

Weight This Ticket: 33.61

PH 0.000

Cum Job Weight 1346.75

Est. Total Job 1500.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N Y D 9 8 1 8 7 3 3 8 3

Manifest
Document No.

2 1 0 3 2

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.
7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street
Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Taconic Valley Trucking, Inc.

6. US EPA ID Number

95153H -NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York
304 Towpath Road
Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 733-9200

B. Transporter's Phone

C. Facility's Phone
(518) 747-5500

11. Waste Shipping Name and Description

a. Non-DOT Regulated, Coal Tar By-products Waste

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

Est.

0 0 1

DT

33

T

b.

c.

d.

33.61
Tons

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

05 20 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

ROBERT L MINER

Signature

Robert L Miner

Month Day Year

05 20 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Lina Prew

Signature

Lina Prew

Month Day Year

05 20 99

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013370 Time In Time Out 12:24 Date 05-20-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 98660 lb KEY
Tare : 33860 lb STO
=====

Net : 64800 lb

Truck No. : CR-1
hauler : CASON

Net Tons : 32.40

Product No. : 90M
Description : COAL TAR
Metals/NonMetals: METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : S. S. S. S. S.

Driver : J. P. Ross

Weigh Master #: 530073

Weight This Ticket: 32.40

Cum Job Weight 1379.15

Est. Total Job 1500.00

PH 0.000

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N.Y.D.9.8.1.8.7.3.3.8.3

Manifest
Document No.
2.1.0.7.40

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351

Frank J. Grahowski

Madison Street
Rome, NY 13440

5. Transporter 1 Company Name

Cason Inc.

6. US EPA ID Number

92142R-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (888) 302-2766

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a. Non-DOT Regulated, Coal Tar By-products Waste

12. Containers

No. Type

13. Total

Quantity

14. Unit

Wt/Vol

Est.

0.0.1 D.T. 34 T

b.

c.

d.

32.40
Tons

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

05 20 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

John P. Ross

Signature

John P. Ross

Month Day Year

05 20 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Priew

Signature

Tina Priew

Month Day Year

05 20 99

ORIGINAL — RETURN TO GENERATOR

JOB REPORT

REPORT ON

Days 1

Job No. : : 1655

Reporting FROM : 05-27-99 00:00 TO : 06-01-99 23:59

DATE : 06-01-99
TIME : 13:20:09

Date	Trans- action #	Truck No.	Site	Site Address :	Description :	Net Tons
05-27-99	013553	C-1	ROME SENTINEL SITE	ROME NY	COAL TAR	34.96
05-27-99	013555	C-4	ROME SENTINEL SITE	ROME NY	COAL TAR	31.46
05-27-99	013556	CK-6	ROME SENTINEL SITE	ROME NY	COAL TAR	28.81
05-27-99	013558	TC-80	ROME SENTINEL SITE	ROME NY	COAL TAR	34.41
05-27-99	013559	TC-002	ROME SENTINEL SITE	ROME NY	COAL TAR	36.61
05-27-99	013561	C-018	ROME SENTINEL SITE	ROME NY	COAL TAR	36.70
05-28-99	013581	TC-002	ROME SENTINEL SITE	ROME NY	COAL TAR	36.80
05-28-99	013582	TC-80	ROME SENTINEL SITE	ROME NY	COAL TAR	36.70

TOTALS :

276.45

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013553 Time In Time Out 12:31 Date 05-27-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 104680 lb
Tare : 34760 lb STO
=====

Net : 69920 lb

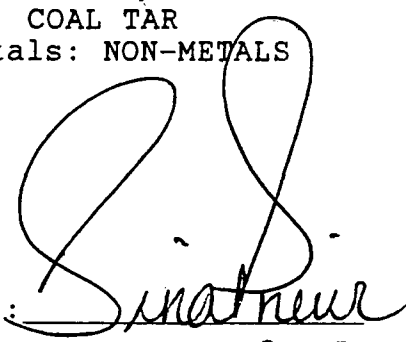
Truck No. : C-1
Hauler : CASON

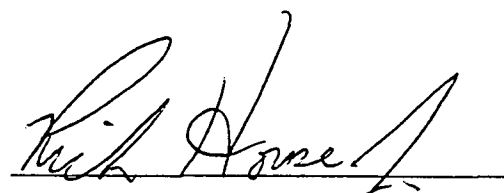
Net Tons : 34.96

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530013

Weight This Ticket: 34.96

PH 0.000

Cum Job Weight 1414.11

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N. Y. D. 9. 8. 1. 8. 7. 3. 3. 8. 3

Manifest
Document No. 2. 1. 0. 4. 1

2. Page 1
of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.
7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street
Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Cason Inc.

6. US EPA ID Number

90850N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York
304 Towpath Road
Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (888) 302-2766

B. Transporter's Phone

C. Facility's Phone
(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No. Type

13.
Total
Quantity

14.
Unit
Wt/Vol

a. Non-DOT Regulated, Coal Tar By-products Waste

0.01 DT 35 T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B Rahn

Signature

Edwin B Rahn

Month Day Year

05 27 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Rich Hux

Signature

Rich Hux

Month Day Year

05 27 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Lina Trues

Signature

Lina Trues

Month Day Year

05 07 99

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013555 Time In

Time Out 13:17

Date 05-27-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 94600 lb
Tare : 31680 lb STO
=====

Net : 62920 lb

Truck No. : C-4
hauler : CASON

Net Tons : 31.46

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master

Driver :

Weigh Master #:

Weight This Ticket: 31.46

PH 0.000

Cum Job Weight 1445.57

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. NY D 9 8 1 8 7 3 3 8 3	Manifest Document No. 2 1 0 4 2	2. Page 1 of 1	SIR		
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088				Madison Street Rome, NY 13440			
4. Generator's Phone (315) 460-2351		Frank J. Grabowski					
5. Transporter 1 Company Name Cason Inc.		6. US EPA ID Number		92493R-NY			
7. Transporter 2 Company Name		8. US EPA ID Number					
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (888) 302-2766 B. Transporter's Phone C. Facility's Phone (518) 747-5500			
11. Waste Shipping Name and Description				12. Containers	13. Total Quantity		
				No.	Type	Est.	14. Unit Wt/Vol
a. Non-DOT Regulated, Coal Tar By-products Waste				0-0-1	DT	35	T
b.							
c.							
d.							
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816				E. Handling Codes for Wastes Listed Above T			
15. Special Handling Instructions and Additional Information							
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 Edwin B. Rahn				Signature <i>Edwin B. Rahn</i>		Month Day Year 10 5 27 99	
17. Transporter 1 Acknowledgement of Receipt of Materials				Signature <i>William F. Warner</i>		Month Day Year 5 2 7 99	
18. Transporter 2 Acknowledgement of Receipt of Materials				Signature		Month Day Year	
19. Discrepancy Indication Space							
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.							
Printed/Typed Name Lina Trane				Signature <i>Lina Trane</i>		Month Day Year 05 07 99	

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013556 Time In Time Out 13:18 Date 05-27-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 93600 lb
Tare : 35980 lb STO
=====

Net : 57620 lb

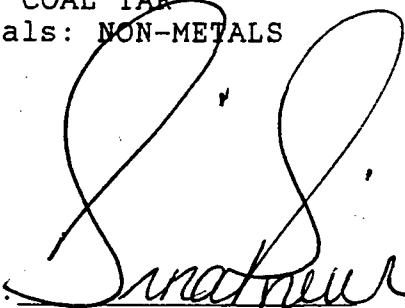
Truck No. : CK-6
Hauler : CASON

Net Tons : 28.81

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :  Driver : 

Weigh Master #: 530013

Weight This Ticket: 28.81

TPH 0.000

Cum Job Weight 1474.38

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N.Y.D.9.8.1.8.7.3.3.8.3

Manifest
Document No.
2.1.0.4.3

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

Madison Street

Rome, NY 13440

5. Transporter 1 Company Name

Cason Inc.

6. US EPA ID Number

13185R-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (888) 302-2766

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a. Non-DOT Regulated, Coal Tar By-products Waste.

12. Containers

No. Type

13. Total
Quantity

14. Unit
Wt/Vol

Est.

0.01 PT 35 T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

05/27/99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

RONNIE MOSHER

Signature

Ronnie Mosher

Month Day Year

05/27/99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Triewe

Signature

Tina Triewe

Month Day Year

05/27/99

ORIGINAL — RETURN TO GENERATOR

ESMI OE NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013558 Time In Time Out 13:45 Date 05-27-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 102380 lb
Tare : 33560 lb STO
=====

Net : 68820 lb

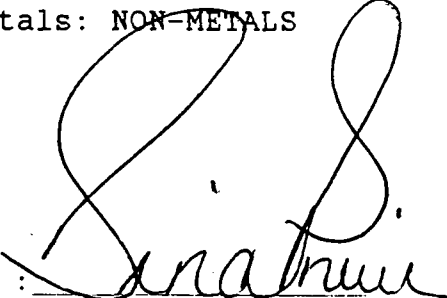
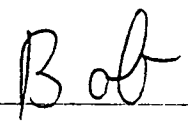
Truck No. : TC-80
Hauler : CASON

Net Tons : 34.41

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :  Driver : 

Weigh Master #: 530023

Weight This Ticket: 34.41

Cum Job Weight 1508.79

IPH 0.000

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.
N Y D 9 8 1 8 7 3 3 8 3

Manifest
Document No.
2 1 0 4 4

2. Page 1
of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.
7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street
Rome, NY 13440

4. Generator's Phone (315) 460- 2351

Frank J. Grabowski

5. Transporter 1 Company Name

Taconic Valley Trucking, Inc.

6. US EPA ID Number

95153H-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York
304 Townpath Road
Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 733-9200

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a. Non-DOT Regulated, Coal Tar by-products waste

12. Containers
No. Type

13. Total
Quantity

14. Unit
Wt/Vol

Est.

0 0 1

D.T

33

T

b.

c.

d.

34.411
TONS

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year
10 5 27 1999

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

ROBERT L MINER

Signature

Robert L Miner

Month Day Year
10 5 27 1999

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy indication Space

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

Printed/Typed Name

Tina P. P. P.

Signature

Tina P. P. P.

Month Day Year
10 5 27 1999

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013559 Time In Time Out 13:46 Date 05-27-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 107140 lb
Tare : 33920 lb STO
=====

Net : 73220 lb

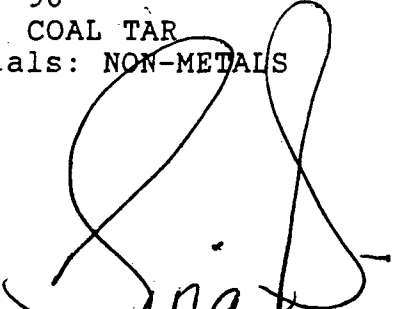
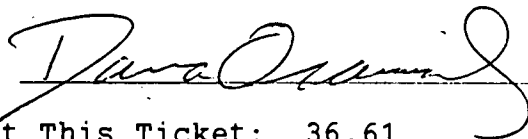
Truck No. : TC-002
hauler : cason

Net Tons : 36.61

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :  Driver : 

Weigh Master #: 530013

Weight This Ticket: 36.61

PH 0.000

Cum Job Weight 1545.40

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. NY D 9 8 1 8 7 3 3 8 3	Manifest Document No. 2 1 0 4 5	2. Page 1 of 1	SIR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088			Madison Street Rome, NY 13440		
4. Generator's Phone (315) 460-2351			Frank J. Grabowski		
5. Transporter 1 Company Name Taconic Valley Trucking, Inc.			6. US EPA ID Number 73942N-NY		
7. Transporter 2 Company Name			8. US EPA ID Number		
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828			10. US EPA ID Number		
			A. Transporter's Phone (518) 733-9200		
			B. Transporter's Phone		
			C. Facility's Phone (518) 747-5500		
11. Waste Shipping Name and Description			12. Containers	13. Total Quantity	14. Unit Wt/Vol
			No.	Type	Est.
a. Non-DOT Regulated, Coal Tar By-Products Waste			0 0 1	DT	33 T
b.					
c.					
d.					
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816			E. Handling Codes for Wastes Listed Above T		
15. Special Handling Instructions and Additional Information					
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 Edwin B. Rahn			Signature <i>Edwin B Rahn</i>		Month Day Year 10 5 27 99
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name DANA OSOWIECKY			Signature <i>Dana Osowiecki</i>		Month Day Year 10 5 27 99
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name			Signature		Month Day Year
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name Tina Truett			Signature <i>Tina Truett</i>		Month Day Year 10 5 27 99

GENERATOR

TRANSPORTER

FACILITY

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013561 Time In Time Out 14:10 Date 05-27-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 109880 lb
Tare : 36480 lb STO
=====

Net : 73400 lb

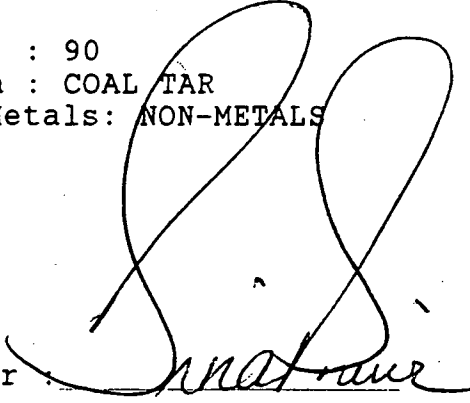
Truck No. : C-018
Hauler : CASON

Net Tons : 36.70

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530073

Weight This Ticket: 36.70

TPH 0.000

Cum Job Weight 1582.10

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. N. Y. D. 9. 8. 1. 8. 7. 3. 3. 8. 3	Manifest Document No. 2. 1. 0. 4. 6	2. Page 1 of 1	SIR			
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088				Madison Street Rome, NY 13440				
4. Generator's Phone (315) 460-2351		Frank J. Grabowski						
5. Transporter 1 Company Name <i>Cason Inc.</i>		6. US EPA ID Number		90903N-NY				
7. Transporter 2 Company Name		8. US EPA ID Number						
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (888) 302-2766 B. Transporter's Phone C. Facility's Phone (518) 747-5500				
11. Waste Shipping Name and Description a. Non-DOT Regulated, Coal Tar By-products Waste b. c. d. 24.70 Tons			12. Containers		13. Total Quantity	14. Unit Wt/Vol		
			No.	Type	Est.			
			0	0	1	PT	35	T
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816			E. Handling Codes for Wastes Listed Above T					
15. Special Handling Instructions and Additional Information								
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 <i>Edwin B. Rahn</i>		Signature <i>Edwin B. Rahn</i>		Month Day Year 05 27 99				
17. Transporter 1 Acknowledgement of Receipt of Materials								
Printed/Typed Name <i>Barry Millions</i>		Signature <i>Barry Millions</i>		Month Day Year 05 27 99				
18. Transporter 2 Acknowledgement of Receipt of Materials								
Printed/Typed Name		Signature		Month Day Year				
19. Discrepancy Indication Space								
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in item 19.								
Printed/Typed Name <i>Lina Trone</i>		Signature <i>Lina Trone</i>		Month Day Year 05 27 99				

GENERATOR

TRANSPORTER

FACILITY

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013582 Time In Time Out 11:49 Date 05-28-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 106960 lb
Tare : 33560 lb STO
=====

Net : 73400 lb

Truck No. : TC-80
Hauler : CASON

Net Tons : 36.70

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : Snatnew Driver : Bob

Weigh Master #: 530013

Weight This Ticket: 36.70

Cum Job Weight 1655.60

Est. Total Job 2250.00

TPH 0.000

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N.Y.D. 9.8.1.8.7.3.3.8.3

Manifest
Document No.

2.1.0.4.8

2. Page 1
of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

Madison Street

Rome, NY 13440

5. Transporter 1 Company Name

6. US EPA ID Number

Taconic Valley Trucking, Inc.

73942N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

10. US EPA ID Number

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

A. Transporter's Phone

(518) 733-9200

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a. Non-DOT Regulated, Coal Tar By-products Waste

0.01

D.T

Est.

33

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year
10/28/99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Robert L. Miner

Signature

Robert L. Miner

Month Day Year
10/28/99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Truitt

Signature

Tina Truitt

Month Day Year
10/28/99

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013581 Time In Time Out 11:48 Date 05-28-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 107520 lb
Tare : 33920 lb STO
=====

Net : 73600 lb

Truck No. : TC-002
Hauler : cason

Net Tons : 36.80

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : *Sinathur*

Driver : *Dana Oran*

Weigh Master #: *53003*

Weight This Ticket: 36.80

Cum Job Weight 1618.90

PH 0.000

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. N. Y. D. 9. 8. 1. 8. 7. 3. 3. 8. 3	Manifest Document No. 2. 1. 0. 4. 7	2. Page 1 of 1	SIR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088			Madison Street Rome, NY 13440		
4. Generator's Phone (315 460-2351		Frank J. Grabowski			
5. Transporter 1 Company Name <i>Taconic Valley Trucking, Inc.</i>		6. US EPA ID Number		73942N-NY	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (518) 733-9200 B. Transporter's Phone C. Facility's Phone (518) 747-5500	
11. Waste Shipping Name and Description			12. Containers No. Type	13. Total Quantity Est.	14. Unit Wt/Vol
a. Non-DOT Regulated, Coal Tar By-products Waste			0 0 1 DT	34	T
b.					
c.					
d.					
D. Additional Descriptions for Materials Listed Above NYS Waste Code 8816			E. Handling Codes for Wastes Listed Above T		
15. Special Handling Instructions and Additional Information					
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 <i>Edwin B. Rahn</i>		Signature <i>Edwin B Rahn</i>		Month Day Year 05/28/99	
17. Transporter 1 Acknowledgement of Receipt of Materials					
Printed/Typed Name <i>DANA OSOWIECKY</i>		Signature <i>Dana Osowski</i>		Month Day Year 05/28/99	
18. Transporter 2 Acknowledgement of Receipt of Materials					
Printed/Typed Name		Signature		Month Day Year	
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <i>Tina Freur</i>		Signature <i>Tina Freur</i>		Month Day Year 05/28/99	

GENERATOR

TRANSPORTER

FACILITY

JOB REPORT

REPORT OF

Page 1

Job No. : : 1655

Reporting FROM : 06-01-99 00:00 TO : 06-08-99 23:59

DATE : 06-08-99
TIME : 10:01:15

Date	Trans- action #	Truck No.	Site	Site Address :	Description :	Net Tons
06-04-99	013725	M-38	ROME SENTINEL SITE	ROME NY	COAL TAR	33.25
06-04-99	013732	M-28	ROME SENTINEL SITE	ROME NY	COAL TAR	35.66
06-04-99	013734	M-31	ROME SENTINEL SITE	ROME NY	COAL TAR	38.20
06-04-99	013738	M-21	ROME SENTINEL SITE	ROME NY	COAL TAR	34.80
06-04-99	013765	M-38	ROME SENTINEL SITE	ROME NY	COAL TAR	40.29
06-07-99	013777	M-27	ROME SENTINEL SITE	ROME NY	COAL TAR	30.15
06-07-99	013782	M-34	ROME SENTINEL SITE	ROME NY	COAL TAR	39.27
06-07-99	013783	M-21	ROME SENTINEL SITE	ROME NY	COAL TAR	33.57

TOTALS :

285.19

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013725 Time In 10:52 Time Out 10:55 Date 06-04-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 103860 lb INB
Tare : 37360 lb KEY
=====

Net : 66500 lb

Truck No. : M-38
Hauler : mangiardi

Net Tons : 33.25

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :

Weigh Master #:

PH 0.000

Driver :

Weight This Ticket: 33.25

Cum Job Weight 1688.85

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N Y D 9 8 1 8 7 3 3 8 3

Manifest
Document No.

2 1 0 4 9

2. Page 1

of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street

Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

92006N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 477-8940

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

Non-DOT Regulated, Coal Tar By-products Waste

0 0 1

DT

Est.

33

T

b.

c.

d.

33.25
TWD

D. Additional Descriptions for Materials Listed Above

NYS Waste Code W816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

06 04 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Mark Van Arstyn

Signature

Mark Van Arstyn

Month Day Year

06 04 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Brown

Signature

Tina Brown

Month Day Year

06 04 99

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013732 Time In Time Out 11:32 Date 06-04-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 107260 lb KEY
Tare : 35940 lb STO

=====
Net : 71320 lb

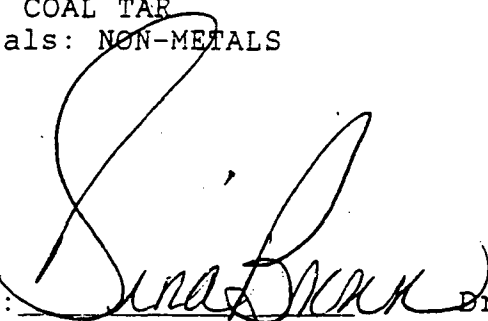
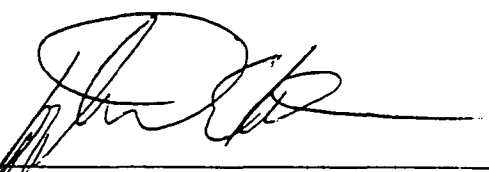
Truck No. : M-28
Hauler : MANGIARDI

Net Tons : 35.66

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :  Driver : 

Weigh Master #: 530023

Weight This Ticket: 35.66

Cum Job Weight 1724.51

PH 0.000

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NY D 9 8 1 8 7 3 3 8 3

Manifest
Document No.

2 1 0 5 0

2. Page 1

1 STR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

Madison Street

Rome, NY 13440

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

77021J-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 477-8940

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

Non-DOT Regulated, Coal Tar By-products Waste

0 0 1 DOT

Est.

3.3 T

b.

c.

d.

35.66
Tons

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

06 04 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Patrick E. Root

Signature

Patrick E. Root

Month Day Year

06 04 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tim Brown

Signature

Tim Brown

Month Day Year

06 04 99

ORIGINAL-RETURN TO GENERATOR

ESMI OE NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013734 Time In Time Out 12:08 Date 06-04-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 111560 lb KEY
Tare : 35160 lb STO
=====

Net : 76400 lb

Truck No. : M-31
hauler : mangiardi

Net Tons : 38.20

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master

Driver :

Weigh Master #:

Weight This Ticket: 38.20

PH 0.000

Cum Job Weight 1762.71

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N Y D 9 8 1 8 7 3 3 8 3 2 1 0 5 1

Manifest
Document No.

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of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street
Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grahowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

2629A4

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 747-5500

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No. Type

13. Total
Quantity

14. Unit
Wt/Vol

a. Non-DOT Regulated, Coal Tar By-products Waste

0 0 1 DT 39 T

b.

c.

d.

38.20
tons

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

06 04 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Gregory C. Bartzel (Mangiardi)

Signature

Gregory C. Bartzel

Month Day Year

06 04 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Brown

Signature

Tina Brown

Month Day Year

06 04 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013738 Time In Time Out 13:21 Date 06-04-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 108120 lb
Tare : 38520 lb STO
=====

Net : 69600 lb

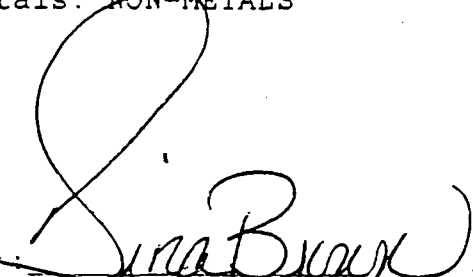
Truck No. : M-21
Hauler : MANGIARDI

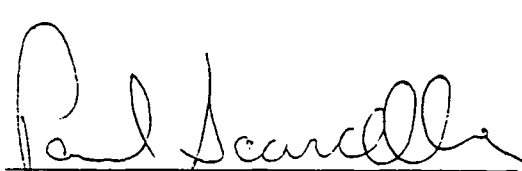
Net Tons : 34.80

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master : 

Driver : 

Weigh Master #: 530073

Weight This Ticket: 34.80

Cum Job Weight 1797.51

PH 0.000

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

N.Y.D.9.8.1.8.7.3.3.8.3

Manifest
Document No.

21052

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1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street

Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

62556N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 747-5500

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13.
Total
Quantity

14.
Unit
Wt/Vol

a. Non-DOT Regulated, Coal Tar By-products Waste

0 0 1

DT

Est.

38

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year
06 04 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Paul Scarcella

Signature

Paul Scarcella

Month Day Year
06 04 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Lina Brown

Signature

Lina Brown

Month Day Year
06 04 99

ORIGINAL-RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013765 Time In 17:02 Time Out 17:02 Date 06-04-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 117940 lb INB KEY
Tare : 37360 lb KEY
=====

Net : 80580 lb

Truck No. : M-38
Hauler : mangiardi

Net Tons : 40.29

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :

Driver :

Weigh Master #:

Weight This Ticket: 40.29

Cum Job Weight 1637.80

Est. Total Job 2250.00

TPH 0.000

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NY D 9 8 1 8 7 3 3 8 3 2 1 0 5 3

Manifest
Document No.

2. Page 1

of 1 SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

Madison Street

Rome, NY 13440

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

92006N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 477-8940

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

Nc. Type

13. Total
Quantity

14. Unit
Wt/Vol

a.

Non-DOT Regulated, Coal Tar By-products

0 0 1 DT

Est.

33

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

06 04 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Mark V. Arstys

Signature

Mark V. Arstys

Month Day Year

06 04 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Brown

Signature

Tina Brown

Month Day Year

06 04 99

ORIGINAL-RETURN TO GENERATOR

Re-Print

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013777

Time In

Time Out 10:41

Date 06-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 97880 lb
Tare : 37580 lb STO

Net : 60300 lb

Truck No. : M-27
Hauler : MANGIARDI

Net Tons : 30.15

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :

Driver :

Weigh Master #:

Weight This Ticket: 30.15

TPH 0.000

Cum Job Weight

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NY D 9 8 1 8 7 3 3 8 3

Manifest
Document No.

2 1 0 5 4

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SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.

7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street

Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

92082N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York

304 Towpath Road

Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

12. Containers

No.

Type

13. Total
Quantity

14. Unit
Wt/Vol

a. Non-DOT Regulated, Coal Tar By-products Waste

0-0-1

DT

Est.

30

T

b.

c.

d.

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

10-6-07 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Chris Hale

Signature

Chris Hale

Month Day Year

10-6-07 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Brown

Signature

Tina Brown

Month Day Year

10-6-07 99

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013782 Time In Time Out 12:19 Date 06-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 116560 lb
Tare : 38020 lb STO
=====

Net : 78540 lb

Truck No. : M-34
Hauler : MANGIARDI

Net Tons : 39.27

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master :

Sina B. [Signature]

Driver :

[Signature]

High Master #:

530073

Weight This Ticket: 39.27

Cum Job Weight 1907.22

Est. Total Job 2250.00

0.000

NON-HAZARDOUS WASTE BILL OF LADING		1. Generator's US EPA ID No. N Y D 9 81 8 7 3 3 8 3	Manifest Document No. 2 1 0 5 6	2. Page 1 of 1	SIR
3. Generator's Name and Mailing Address NIAGARA MOHAWK POWER CORP. 7437 Henry Clay Blvd., Liverpool, NY 13088				Madison Street Rome, NY 13440	
4. Generator's Phone (315) 460-2351				Frank J. Grabowski	
5. Transporter 1 Company Name <i>Mangiardi Brothers Trucking</i>		6. US EPA ID Number		77018 J-NY	
7. Transporter 2 Company Name		8. US EPA ID Number			
9. Designated Facility Name and Site Address ESMI of New York 304 Towpath Road Fort Edwards, NY 12828		10. US EPA ID Number		A. Transporter's Phone (518) 477-8940	
				B. Transporter's Phone	
				C. Facility's Phone (518) 747-5500	
11. Waste Shipping Name and Description			12. Containers No. Type	13. Total Quantity	14. Unit Wt/Vol
a. Non-DOT Regulated, Coal Tar By-products Waste			0 0 1 DT	Est. 34	T
b.					
c.					
d.					
D. Additional Descriptions for Materials Listed Above NYS Waste Code N816			E. Handling Codes for Wastes Listed Above T		
15. Special Handling Instructions and Additional Information					
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 <i>Edwin B. Rahn</i>			Signature <i>Edwin B. Rahn</i>		Month Day Year 06 07 99
17. Transporter 1 Acknowledgement of Receipt of Materials			Signature <i>Brent Hotaling</i>		Month Day Year 06 07 99
Printed/Typed Name <i>BRENT HOTALING</i>					
18. Transporter 2 Acknowledgement of Receipt of Materials			Signature		Month Day Year
Printed/Typed Name					
19. Discrepancy Indication Space					
20. Facility Owner or Operator: Certification of receipt of waste materials covered by this manifest except as noted in Item 19.					
Printed/Typed Name <i>Tina Brown</i>			Signature <i>Tina Brown</i>		Month Day Year 06 07 99

ORIGINAL — RETURN TO GENERATOR

ESMI OF NEW YORK
304 Towpath Rd.
Fort Edward NY 12828
(518) 747 - 5500

Transaction No. 013783 Time In Time Out 12:23 Date 06-07-99

Customer Name: ROYAL ENVIRONMENTAL
7020 FLY ROAD
EAST SYRACUSE NY

Gross: 105660 lb
Tare : 38520 lb STO
=====

Net : 67140 lb

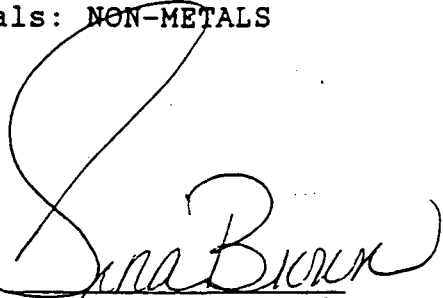
Truck No. : M-21
Hauler : MANGIARDI

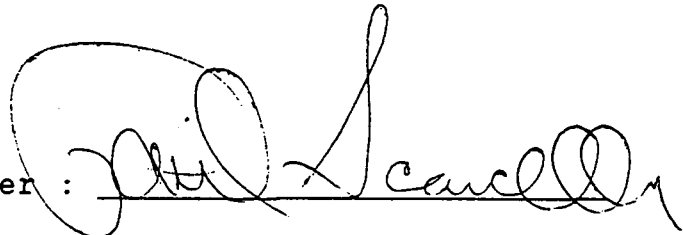
Net Tons : 33.57

Product No. : 90
Description : COAL TAR
Metals/NonMetals: NON-METALS

Job No. : 1655
Job Site : ROME SENTINEL SITE
Job Address: ERIE BOULEVARD
Job City : ROME NY
Job State : NY

Notes:

Weigh Master: 

Driver: 

Weigh Master #: 531013

Weight This Ticket: 33.57

W 0.000

Cum Job Weight 1940.79

Est. Total Job 2250.00

NON-HAZARDOUS WASTE BILL OF LADING

1. Generator's US EPA ID No.

NY D 9 8 1 8 7 3 3 8 3

Manifest
Document No.

21055

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of 1

SIR

3. Generator's Name and Mailing Address

NIAGARA MOHAWK POWER CORP.
7437 Henry Clay Blvd., Liverpool, NY 13088

Madison Street
Rome, NY 13440

4. Generator's Phone (315) 460-2351

Frank J. Grabowski

5. Transporter 1 Company Name

Mangiardi Brothers Trucking

6. US EPA ID Number

62556N-NY

7. Transporter 2 Company Name

8. US EPA ID Number

9. Designated Facility Name and Site Address

ESMI of New York
304 Towpath Road
Fort Edwards, NY 12828

10. US EPA ID Number

A. Transporter's Phone (518) 477-8940

B. Transporter's Phone

C. Facility's Phone

(518) 747-5500

11. Waste Shipping Name and Description

a. Non-DOT Regulated, Coal Tar By-products Waste

12. Containers
No. Type

0 0 1 DT

13. Total
Quantity
Est.

40

14. Unit
Wt/Val

T

D. Additional Descriptions for Materials Listed Above

NYS Waste Code N816

E. Handling Codes for Wastes Listed Above

T

15. Special Handling Instructions and Additional Information

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

Edwin B. Rahn

Signature

Edwin B. Rahn

Month Day Year

06 07 99

17. Transporter 1 Acknowledgement of Receipt of Materials

Printed/Typed Name

Paul Scarcella

Signature

Paul Scarcella

Month Day Year

06 07 99

18. Transporter 2 Acknowledgement of Receipt of Materials

Printed/Typed Name

Signature

Month Day Year

19. Discrepancy Indication Space

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

Printed/Typed Name

Tina Brown

Signature

Tina Brown

Month Day Year

06 07 99

ORIGINAL — RETURN TO GENERATOR

Appendix D

Correspondence



Steven P. Stucker
Project Manager

Phone: (315) 428-5652
FAX: (315) 428-3549
E-mail: stuckers@nimo.com

July 14, 1999

Mr. Gregory Rys
Public Health Specialist III
State of New York, Department of Health
Herkimer District Office
5665 State Route 5
Herkimer, New York 13350

Re: Rome Sentinel Property IRM, Site Closure/Restoration Activities

Dear Mr. Rys:

This letter is in response to our meeting at the Niagara Mohawk Power Corporation's (NMPC) Rome Sentinel site in Rome, New York, on July 9, 1999. As we discussed, NMPC initiated and completed the Interim Remedial Measures (IRM) activities for this site from early May 1999 to the first week of June 1999. The New York State Department of Environmental Conservation (NYSDEC)-approved IRM Excavation Plan required the removal of polynuclear aromatic hydrocarbons (PAH)-impacted soil at two locations on the property. The excavation was to extend to the groundwater and be discontinued laterally when confirmatory samples were at or below 10 parts per million (ppm) total carcinogenic PAHs, as well as 500 ppm total PAHs. The approved Excavation Plan was addended, at the request of Richard Fedigan of the NYS Department of Health (NYSDOH), to incorporate a November 1998 letter from NYSDEC to NMPC that required the entire site be covered by two feet of non-contaminated backfill.

As shown on the attached Figure 1, the excavation extended laterally much further than initially anticipated due to difficulty attaining the 10-ppm carcinogenic PAH cleanup levels. As indicated on Figure 1, the addition of 1,650 cubic yards of material to the site, in addition to replacement material for excavation, covered most of the site with the required two feet of cover. However, a limited area between MW-6 and SB-11 was covered with at least six inches of imported backfill. As we discussed during our on-site meeting, it would be impractical to install additional cover due to our desire to maintain sheet flow drainage from the site.

As shown in the enclosed photographs, the site contour between MW-6 and Woodrow Avenue is gradual and promotes sheet flow runoff for storm water. Likewise, the site grades gently to the east and the west and does not appear to promote excessive storm water runoff to the adjoining properties. If additional cover material is required at the northern end of the site near MW-6, it will effectively create a berm in this area that could channel water westward toward the adjacent private homeowners' property, or promote ponding or flooding on Woodrow Avenue.

Mr. Gregory Rys
Page 2
July 14, 1999

Given the fact that the site will be deed restricted for commercial/light industrial use, NMPC does not believe that additional cover is warranted. The site will be seeded with grass or paved over, and restrictions will be put in place to prevent the use of groundwater and deep subsurface excavations.

As such, we believe that we have fulfilled the conditions set forth in the IRM Excavation Plan, and request that the NYSDOH provide their concurrence so that we can complete site restoration activities as soon as possible.

Please contact me at your earliest convenience to discuss this matter further.

Sincerely,



Steven P. Stucker
Project Manager

SPS:mes

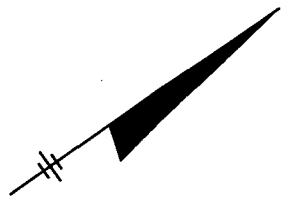
cc w/enc.

John Spellman-NYSDEC
Eric Knapp-NYSDEC
M.W. Sherman
W.C. Weiss, Esq.
R. Capozza, Esq. (Hiscock & Barclay)
J. Heckathorne-OBG
E. Rahn-OBG

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FIGURE 1

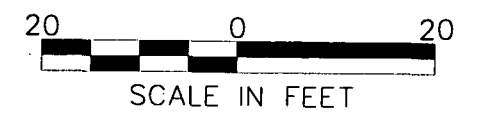


LEGEND

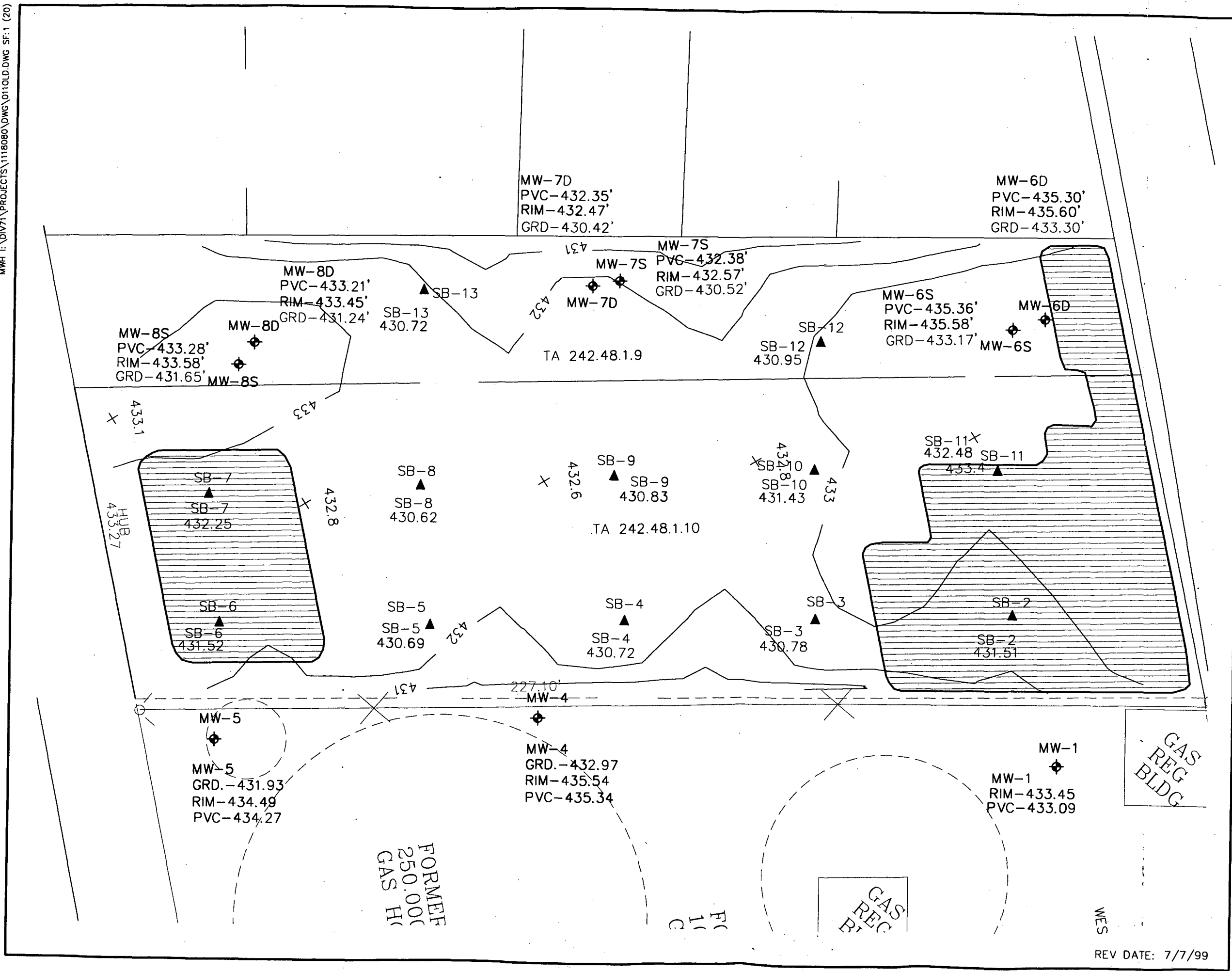
- APPROXIMATE LIMITS OF ECAVATION
- 433.4 X CURRENT SPOT ELEVATION
- 432 — CURRENT ELEVATION CONTOUR
- MONITORING WELL LOCATION
- SOIL BORING LOCATION
- SB-11 432.48 FORMER GROUND ELEVATION

ROME SENTINEL PARCEL
ROME, NEW YORK

CURRENT TOPOGRAPHY
(JULY 1999)



DATE: JULY 1999
FILE NO. 1118.080.011



REV DATE: 7/7/99



STATE OF NEW YORK DEPARTMENT OF HEALTH

Herkimer District Office 5665 State Route 5 Herkimer, New York 13350 (315) 866-6879 Fax (315) 866-8192

Dennis P. Whalen
Executive Deputy Commissioner

August 30, 1999

Mr. Stephen P. Stucker
Project Manager
Niagara Mohawk Power Corporation
300 Erie Blvd.
Syracuse, New York 13202

RE: NMPC Rome
Jay and Madison Streets
c/o Rome, Oneida County
Site ID# 633042

Dear Mr. Stucker:

Per our August 24, 1999 phone conversation, I have reviewed the current updated topography map for the above referenced site. This map was provided in response to my concerns regarding deviation from the previously agreed upon remedial plan.

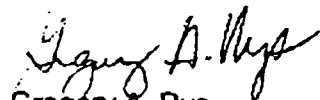
Specifically, you agreed to remove contaminated soils with total noncarcinogenic PAH levels >500 ppm and carcinogenic PAH contaminated soils >10ppm. In addition a (2) foot clean soil cover was to be placed across the entire site.

Your current proposal to reduce the depth of the "clean" soil cover due to drainage and storm water run off concerns is acceptable to this Department provided the PAH soil clean up levels have been met. As I understand your request, the area with the cover depth less than (2) feet (actual depth 1-1.5 feet) has met the contaminant clean up objective. If this is indeed true, then the existing grading and cover depths would be acceptable.

Also, please note that cleanup provisions related to future site use and deed restrictions shall be required.

If you have any questions, please contact me at (315) 866-6879.

Sincerely,



Gregory A. Rys
Public Health Specialist III

GAR:ckg

cc. M. Rivara/Dr. Carlson
John Spellman NYSDEC
N.Caruso, OCHD

Appendix E

Health & safety monitoring records

Daily Monitoring Log

[illegible]

Daily Monitoring Log

[illegible]

Daily Monitoring Log

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**NIAGARA MOHAWK POWER CORPORATION
ROME SENTINEL PROPERTY
ROME, NEW YORK**

Daily Monitoring Log

Date: 5/18/99

	Time	Upwind Particulate mg/cu.m	Downwind Particulate mg/cu.m	PID ppm	Comments
1	0730	.041	.075	ND	Downwind Meter 3010 Bat. 80%
2	0745	.134	.100	ND	Upwind Meter 3011 Bat. 30%
3	0815	.024	.083	ND	
4	0830	.028	.064	ND	
5	0845	.021	.068	ND	
6	0900	.024	.062	ND	
7	1000	.040	.063	ND	
8	1015	.038	.067	ND	
9	1045	.036	.048	ND	
10	1300	.022	.156	ND	
11	1315	.028	.159	ND	
12	1400	.036	.064	ND	
13	1425	.041	.098	ND	
14	1500	.033	3.21	ND	
15	1600	.039	.454	ND	
16	1800	.041	.098	ND	
17	1815	.038	.078	ND	
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Daily Monitoring Log

Date: 5/20/99

	Time	Upwind Particulate mg/cu.m	Downwind Particulate mg/cu.m	PID ppm	Comments
1	0730	.024	.028	ND	Meter #3010
2	0745	.027	.029	ND	
3	0800	.025	.029	ND	
4	0815	.030	.031	ND	
5	0840	.040	.042	ND	
6	0855	.038	.044	ND	
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**NIAGARA MOHAWK POWER CORPORATION
ROME SENTINEL PROPERTY
ROME, NEW YORK**

Daily Monitoring Log

Date: 5/27/99

	Time	Upwind Particulate mg/cu.m	Downwind Particulate mg/cu.m	PID ppm	Comments
1	0910	.028	.024	ND	Meter 3010 - Upwind Bat. 75%
2	0925	.041	.015	ND	Meter 3011 - Downwind Bat. 20%
3	0940	.033	.018	ND	
4	0955	.038	.022	ND	
5	1010	.034	.018	ND	
6	1025	.030	.010	ND	
7	1040	.033	.014	ND	
8	1055	.035	.019	ND	
9	1110	.035	.016	ND	
10	1125	.033	.018	ND	
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**NIAGARA MOHAWK POWER CORPORATION
ROME SENTINEL PROPERTY
ROME, NEW YORK**

Daily Monitoring Log

Date 5/28/99

	Time	Upwind Particulate mg/cu m	Downwind Particulate mg/cu m	Ratio DDM	Comments
1	0750	.025	.057	ND	Meter 3011 Upwind
2	0800	.027	.053	ND	Meter 3010 Downwind
3	0815	.023	.053	ND	
4	0830	.027	.062	ND	
5	0845	.059	.061	ND	
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NIAGARA MOHAWK POWER CORPORATION
ROME SENTINEL PROPERTY
ROME, NEW YORK

Daily Monitoring Log

Date: 6/4/99

	Time	Upwind Particulate mg/cu.m	Downwind Particulate mg/cu.m	PID ppm	Comments
1	0745	.015	.047	ND	Meter 3010 Downwind Bat. 75% (7)
2	0800	.017	.038	ND	Meter 3011 Upwind Bat. 15%
3	0815	.015	.048	ND	
4	0830	.017	.044	ND	3010 is on MW-6S 3011 is on Tel. Box.
5	0845	.018	.040	ND	
6	0900	.015	.049	ND	
7	0915	.018	.047	ND	
8	0930	.026	.067	ND	
9	0945	.024	.053	ND	
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11	1345	.009	.040	ND	
12	1400	.023	.037	ND	
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**NIAGARA MOHAWK POWER CORPORATION
ROME SENTINEL PROPERTY
ROME, NEW YORK**

Daily Monitoring Log

Date: 10/7/99

	Time	Upwind Particulate mg/cu.m	Downwind Particulate mg/cu.m	PID ppm	Comments
1	0730	.202	.186	ND	Meter 3010 Upwind 80% Bat.
2	0745	.194	.193	ND	Meter 3011 Downwind 30% Bat.
3	0830	.180	.182	ND	
4	0845	.164	.199	ND	
5	0905	.196	.185	ND	
6	0920	.234	.220	ND	
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